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**M4778 Broadway LLC**  
**NEW YORK, NEW YORK 10034**

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# **Final Engineering Report**

**NYSDEC Site Number: C231131**

**Prepared for:**

M4778 Broadway LLC  
C/O GDI Construction LLC  
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**Prepared by:**

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and

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Washington, Massachusetts 01223

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**JUNE 2025**

## CERTIFICATIONS

I, PHILIP G. CLARK, 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 all construction activities were completed in substantial conformance with the Department-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 in all 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 use restrictions, Institutional Controls, Engineering Controls, and/or any operation and maintenance requirements applicable to the Site are contained in an environmental easement created and recorded pursuant ECL 71-3605 and that all affected local governments, as defined in ECL 71-3603, have been notified that such easement has been recorded.

I certify that a Site Management Plan has been submitted for the continual and proper operation, maintenance, and monitoring of all Engineering Controls employed at the Site, including the proper maintenance of all remaining monitoring wells, and that such plan has been approved by the Department.

I certify that all documents generated in support of this report have been submitted in accordance with the DER's electronic submission protocols and have been accepted by the Department. I certify that all data generated in support of this report have been submitted in accordance with the Department's electronic data deliverable and have been accepted by the Department.

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, PHILIP G. CLARK, P.E., of 169 Upper Valley Road, Washington Massachusetts, am certifying as Owner's Designated Site Representative for the site.



NYS Professional Engineer #088422

6/9/2015

Date

A handwritten signature in black ink that reads "Philip G. Clark". The signature is written in a cursive style and is positioned above a horizontal line.

Signature



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## LIST OF ACRONYMS

AS	Air Sparging
ASP	Analytical Services Protocol
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
BTEX	Benzene, Toluene, Ethylbenzene, and Xylene
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CAMP	Community Air Monitoring Plan
C/D	Construction and Demolition
CFR	Code of Federal Regulation
CLP	Contract Laboratory Program
COC	Certificate of Completion
CO2	Carbon Dioxide
CP	Commissioner Policy
DER	Division of Environmental Remediation
DUSR	Data Usability Summary Report
EC	Engineering Control
ECL	Environmental Conservation Law
ELAP	Environmental Laboratory Approval Program
ERP	Environmental Restoration Program
EWP	Excavation Work Plan
GHG	Greenhouse Gas
GWE&T	Groundwater Extraction and Treatment
HASP	Health and Safety Plan
IC	Institutional Control
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYCRR	New York Codes, Rules and Regulations
O&M	Operation and Maintenance
OM&M	Operation, Maintenance and Monitoring
ORP	Oxidation Reduction Potential
OSHA	Occupational Safety and Health Administration
OU	Operable Unit
P.E. or PE	Professional Engineer
PFAS	Per- and Polyfluoroalkyl Substances
PID	Photoionization Detector
PRP	Potentially Responsible Party
PRR	Periodic Review Report
QA/QC	Quality Assurance/Quality Control
QAPP	Quality Assurance Project Plan
QEP	Qualified Environmental Professional
RAO	Remedial Action Objective
RAWP	Remedial Action Work Plan
RCRA	Resource Conservation and Recovery Act
RI/FS	Remedial Investigation/Feasibility Study
ROD	Record of Decision



RP	Remedial Party
RSO	Remedial System Optimization
SAC	State Assistance Contract
SCG	Standards, Criteria and Guidelines
SCO	Soil Cleanup Objective
SMP	Site Management Plan
SOP	Standard Operating Procedures
SOW	Statement of Work
SPDES	State Pollutant Discharge Elimination System
SSD	Sub-slab Depressurization
SVE	Soil Vapor Extraction
SVI	Soil Vapor Intrusion
TAL	Target Analyte List
TCL	Target Compound List
TCLP	Toxicity Characteristic Leachate Procedure
TOGS	Technical Operational Guidance Series 1.1.1 Ambient Water Quality Standard and Guidance Values
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VCA	Voluntary Cleanup Agreement
VCP	Voluntary Cleanup Program



# FINAL ENGINEERING REPORT

## 1.0 BACKGROUND AND SITE DESCRIPTION

M4778 Broadway LLC (the Volunteer) entered into a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) in September 2019, to investigate and remediate 0.271 acre property located in the Inwood section of Manhattan, New York. The property was remediated to restricted residential use and will be used as a mixed use property with one commercial tenant and 88 residential tenants.

The site is located in Manhattan, in the County of New York and is identified as Block 2233 and Lot 10 on the New York City Tax Map. The site is situated on an approximately 0.28-acre area bounded by Broadway followed by a New York Presbyterian Hospital outpatient medical center to the northwest, athletic fields associated with Harold O. Levy School 52 to the southeast, the Inwood Branch of the New York Public Library to the east, and Fine Fare Supermarket to the west (see Figure 1). The boundaries of the site are fully described in Appendix A: Survey Map, Metes and Bounds.

### 1.1 Site History

The Site was most recently occupied by an automobile laundry/car wash known as Broadway Hand Carwash and Soft Touch Carwash from approximately 1988 to 2017. Based on a review of historical sources, the Site was developed with a gasoline filling and/or service station from as early as 1921 until 1988, known as Broadyck Service Center. During this time span, multiple generations of tanks were likely installed on the Site. Three (3) gasoline tanks were labeled on Sanborn maps from 1935 and 1951 and according to state agency and regulatory records, additional tanks were installed in 1951 during the redevelopment of the Site. It is suspected that the former Site use as a gasoline filling and service station, along with the presence of USTs, has resulted in the environmental impacts onsite.

### 1.2 Previous Investigations

The Remedial investigation was conducted between February 10, 2020 and February 25, 2020. The following work was completed during the RI:





- Twenty-eight (28) soil samples were collected from various depths at the seven (7) borings;
- Eighteen (18) soil vapor samples were collected, including nine (9) shallow soil vapor (3- 5 feet below ground surface [bgs]) and nine (9) deep soil vapor (collected from 12' bgs, or between one and two feet above the groundwater interface);
- Five (5) groundwater samples were collected from the two new monitoring wells and the three original monitoring wells;
- A geophysical survey conducted during the RI identified as many as nine (9) USTs onsite in the area of the former gasoline filling station.

The soil recovered in the borings advanced during the RI generally consisted of grey to brown silt and reddish-brown silty sand with weathered gravel. Refusal was generally encountered due to the presence of weathered bedrock at approximately 20 feet bgs. Based on the monitoring well survey conducted at the Site, it is evident that weathered bedrock is present at approximately 4-10 feet above mean sea level (AMSL). Published geologic information indicates the Site is underlain by bedrock of the Inwood Marble Formation interlayered with Fordham Gneiss Formations. The Inwood Marble Formation consists of dolomitic marble and the Fordham Gneiss Formation consists of gneiss and schist.

The results of the soil sampling completed during the BCP RI indicated that Benzene, Toluene, Ethylbenzene, Xylene (BTEX), and other petroleum-related VOCs are present at concentrations in exceedance of the applicable NYSDEC Residential Restricted Use Soil Cleanup Objective (RRUSCO) and/or Protection of Groundwater Soil Cleanup Objective (PGWSCO) at various depths in boring locations on the north and northwestern portion of the Site. PAHs were also detected in a shallow soil sample at the Site at concentrations exceeding applicable SCOs; however, the presence of these compounds is likely the result of fill material present in the subsurface. No other significant VOCs, SVOCs, PCBs, Metals, Pesticides, Herbicides, 1,4- Dioxane, or PFAS were detected in any of the soil samples at concentrations exceeding the applicable NYSDEC RRUSCOs or PGWSCO.

The results of the soil vapor sampling completed during the BCP RI indicate that significant soil vapor concentrations of gasoline related compounds including BTEX were detected in soil vapor sample SGS-9D, located on the northern portion of the Site.

The results of the groundwater sampling completed during the BCP RI indicate that BTEX and other petroleum-related VOCs are present at concentrations in exceedance of the applicable NYSDEC AWQS in the monitoring wells MW-1, MW-2, MW-3, MW-5 onsite.



The highest concentrations of petroleum-related VOCs were detected in monitoring wells, MW-2 and MW-5, located on the north and northwestern portion of the Site in the area of the former gasoline filling station. No VOCs were detected in MW-4 located on the southern portion of the Site.

SVOCs 2,4-Dimethylphenol, Phenol, and Naphthalene, and dissolved and total metals Arsenic, Barium, Iron, Magnesium, Manganese, Sodium, and Thallium were also detected in groundwater samples at the Site at concentrations exceeding their applicable NYSDEC AWQS.

Additionally, individual PFOA and PFOS concentrations, other individual PFAS concentrations, and combined PFAS concentrations exceeded the screening levels outlined in the Guidelines for Sampling and Analysis of PFAS Under NYSDEC's Part 375 Remedial Programs (January 2020). The highest concentrations of PFAS compounds were detected in groundwater samples from monitoring wells MW-2, MW-3, and MW-5, located on the north and northwestern portions of the Site. Based on this information, it is possible that the former onsite car wash operations and use of car-wash solutions/surfactants may have resulted in onsite PFAS groundwater impacts.

No other significant VOCs, SVOCs, PCBs, Metals, Pesticides, Herbicides, 1,4-Dioxane, or PFAS were detected in any of the groundwater samples at concentrations exceeding the applicable NYSDEC AWQS or guidance levels.

Table 1 through Table 3 present a summary of the findings of the soil, soil vapor, and groundwater data collected during the RI, respectively. Figures 4 through 7 illustrate the locations and results of the soil, soil vapor, and groundwater samples collected as well as the onsite groundwater elevation contours.



## **2.0 SUMMARY OF SITE REMEDY**

### **2.1 Remedial Action Objectives**

Based on the results of the Remedial Investigation, the following Remedial Action Objectives (RAOs) were identified for this site.

#### **2.1.1 Groundwater RAOs**

RAOs for Public Health Protection

- Prevent contact with, or inhalation of, volatiles emanating from contaminated groundwater.
- Prevent ingestion of groundwater with contaminant levels exceeding drinking water standards.

RAOs for Environmental Protection

- Restore ground water aquifer to pre-disposal/pre-release conditions, to the extent practicable.
- Remove the source of ground or surface water contamination.

#### **2.1.2 Soil RAOs**

RAOs for Public Health Protection

- Prevent ingestion/direct contact with contaminated soil.
- Prevent inhalation of, or exposure to, contaminants volatilizing from contaminated soil.

RAOs for Environmental Protection

- Prevent migration of contaminants that would result in groundwater water contamination.

#### **2.1.3 Soil Vapor RAOs**

RAOs for Public Health Protection



- Mitigate impacts to public health resulting from existing, or the potential for, soil vapor intrusion into buildings at a site.

## 2.2 Description of Selected Remedy

The site was remediated in accordance with the remedy selected by the NYSDEC in the RAWP dated April 9, 2021.

The factors considered during the selection of the remedy are those listed in 6NYCRR 375-1.8. The following are the components of the selected remedy:

1. A remedial design program was implemented to provide the details necessary for the construction, operation, optimization, maintenance, and monitoring of the remedial program. Green remediation principles and techniques were implemented to the extent feasible in the design, implementation, and site management of the remedy as per DER-31. The major green remediation components are as follows;
  - Considered the environmental impacts of treatment technologies and remedy stewardship over the long term;
  - Reduced direct and indirect greenhouse gases and other emissions;
  - Increased energy efficiency and minimizing use of non-renewable energy;
  - Conserved and efficiently managed resources and materials;
  - Reduced waste, increased recycling and increased reuse of materials which would otherwise be considered a waste;
  - Maximized habitat value and created habitat when possible;
  - Fostered green and healthy communities and working landscapes which balance ecological, economic and social goals;
  - Integrated the remedy with the end use where possible and encouraged green and sustainable re-development; and
  - Additionally, to incorporate green remediation principles and techniques to the extent feasible in the future development at this site, the buildings will include a 20-mil vapor barrier/waterproofing membrane on the foundation to improve energy efficiency as an element of construction.
2. Excavation and off-site disposal of contaminant source areas, included:



- any underground storage tanks (USTs), fuel dispensers, underground piping or other structures associated with a source of contamination;
- grossly contaminated soil, as defined in 6 NYCRR Part 375-1.2(u);
- soil with visual waste material or non-aqueous phase liquid;
- soils which exceed the protection of groundwater soil cleanup objectives (PGWSCOs), as defined by 6 NYCRR Part 375-6.8 for those contaminants found in site groundwater above standards; and
- soils that create a nuisance condition, as defined in Commissioner Policy CP-51 Section G.

Excavation and off-site disposal of all on-site soils which exceeded restricted residential SCOs, as defined by 6 NYCRR Part 375-6.8 in the upper 15 ft. A Track 2 restricted residential cleanup was achieved, and a Cover System will not be a required element of the remedy.

Approximately 10,159 tons of contaminated soil were removed from the site.

3. Clean fill meeting the requirements of 6 NYCRR Part 375-6.7(d) were brought in to replace the excavated soil and establish the designed grades at the site.
4. In-situ chemical oxidation (ISCO) was implemented to treat contaminants in soil and groundwater. A chemical oxidant was injected into the subsurface to destroy the contaminants in the northern portion of the site where the USTs are located.
5. The building has a sub-slab depressurization system (SSDS) to mitigate the migration of vapors into the building from soil and groundwater.
6. Imposition of an institutional control in the form of an environmental easement for the controlled property which:
  - required the remedial party or site owner to complete and submit to the Department a periodic certification of institutional and engineering controls in accordance with Part 375-1.8 (h)(3);
  - allowed the use and development of the controlled property for restricted residential use as defined by Part 375-1.8(g), although land use is subject to local zoning laws;



- restricted the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or NYCDOH; and
  - required compliance with the Department approved Site Management Plan.
7. A Site Management Plan is required, which includes the following:
- a) An Institutional and Engineering Control Plan that identifies all use restrictions and engineering controls for the site and details the steps and media-specific requirements necessary to ensure the following institutional and/or engineering controls remain in place and effective:
- Institutional Controls: An Environmental Easement discussed in item 6.
  - Engineering Controls: In-situ oxidation as discussed in paragraph 4, the vapor mitigation system as discussed in item 5, and the cover system (if necessary) discussed in item 8.

This plan includes, but may not be limited to:

- an Excavation Plan which details the provisions for management of future excavations in areas of remaining contamination;
  - descriptions of the provisions of the environmental easement including any land use and groundwater use restrictions;
  - a provision that should a building foundation or building slab be removed in the future, a cover system consistent with that described in Paragraph 8 below (if needed) will be placed in any areas where the upper two feet of exposed surface soil exceed the applicable soil cleanup objectives (SCOs);
  - provisions for the management and inspection of the identified engineering controls;
  - maintaining site access controls and Department notification; and
  - the steps necessary for the periodic reviews and certification of the institutional and/or engineering controls.
- b) A Monitoring Plan to assess the performance and effectiveness of the remedy. The plan includes, but may not be limited to: monitoring of groundwater to assess the performance and effectiveness of the remedy;



- a schedule of monitoring and frequency of submittals to the Department; and
  - monitoring for vapor intrusion for any buildings on the site, as may be required by the Institutional and Engineering Control Plan discussed above.
- c) an Operation and Maintenance (O&M) Plan to ensure continued operation, maintenance, inspection, and reporting of any mechanical or physical components of the active vapor mitigation system(s). The plan includes, but is not limited to:
- procedures for operating and maintaining the system(s); and
  - compliance inspection of the system(s) to ensure proper O&M as well as providing the data for any necessary reporting.
8. A site cover would be required to allow for restricted residential use of the site in areas where the upper two feet of exposed surface soil exceed the applicable soil cleanup objectives (SCOs). Where a soil cover is to be used, it will be a minimum of two feet of soil placed over a demarcation layer, with the upper six inches of soil of sufficient quality to maintain a vegetative layer. Soil cover material, including any fill material brought to the site, will meet the SCOs for cover material for the use of the site as set forth in 6 NYCRR Part 375-6.7(d). Substitution of other materials and components may be allowed where such components already exist or are a component of the tangible property to be placed as part of site redevelopment. Such components may include, but are not necessarily limited to: pavement, concrete, paved surface parking areas, sidewalks, building foundations and building slabs.



### **3.0 INTERIM REMEDIAL MEASURES, OPERABLE UNITS AND REMEDIAL CONTRACTS**

The remedy for this site was performed as a single project, and no interim remedial measures, operable units or separate construction contracts were performed.





## **4.0 DESCRIPTION OF REMEDIAL ACTIONS PERFORMED**

Remedial activities completed at the Site were conducted in accordance with the NYSDEC-approved RAWP for the M4778 Broadway site (April 2021), the In-Situ Remediation Design and Monitoring Plan (October 2022), and the Supplemental Remedial Action Plan (October 2024). All deviations from the approved plans are noted below.

### **4.1 Governing Documents**

The governing documents for the M4778 Broadway Site include:

- Remedial Investigation Report (RIR) dated December 2020 prepared by AEI;
- RAWP dated April 2021 prepared by AEI Consultants (AEI) and HCS Civil & Environmental Engineering LLC (HCS);
- In-Situ Groundwater Remediation Design Report, dated October 27, 2022, prepared by AEI and HCS;
- the Supplemental Remedial Action Plan, dated October 4, 2024;
- Decision Document (DD) prepared by NYSDEC dated August 2021;
- Site Specific Health & Safety Plan (HASP);
- Quality Assurance Project Plan (QAPP);
- Soil/Materials Management Plan (S/MMP);
- Storm-Water Pollution Prevention Plan (SWPPP);
- Community Air Monitoring Plan (CAMP);
- Contractor Site Operations Plan (SOPs); and
- Community Participation Plan.

#### **4.1.1 Site Specific Health & Safety Plan (HASP)**

All remedial work performed under this Remedial Action was in full compliance with governmental requirements, including Site and worker safety requirements mandated by Federal OSHA.

The Health and Safety Plan (HASP) was complied with for all remedial and invasive work performed at the Site. A copy of the HASP is included in Appendix B.

#### **4.1.2 Quality Assurance Project Plan (QAPP)**



The QAPP was included as Appendix F of the RAWP approved by the NYSDEC. The QAPP describes the specific policies, objectives, organization, functional activities and quality assurance/ quality control activities designed to achieve the project data quality objectives.

#### **4.1.3 Soil/Materials Management Plan (S/MMP)**

Visual, olfactory and photoionization detector (PID) soil screening and assessment was performed by a qualified environmental professional or experienced field geologist under the direction of the Remedial Engineer during all remedial and development excavations into known or potentially contaminated material.

Excavated soil from suspected areas of contamination (e.g., hot spots, USTs, etc.) was stockpiled separately and segregated from clean soil and construction materials. Stockpiles were only used when necessary and were removed as soon as practicable. All stockpile activities were compliant with applicable laws and regulations.

All transport of materials was performed by licensed haulers in accordance with appropriate local, State, and Federal regulations, including 6 NYCRR Part 364.

Material that does not meet Track 1 unrestricted SCOs is prohibited from being taken to a New York State recycling facility (6NYCRR Part 360.15 Registration Facility).

Bill of Lading system or equivalent was used for off-Site movement of non-hazardous wastes and contaminated soils.

No materials were reused on site that were derived from the on-site demolition or excavation.

All liquids to be removed from the Site, including dewatering fluids, were handled, transported and disposed of in accordance with applicable local, State, and Federal regulations. Liquids discharged into the New York City sewer system were addressed through approval by a separate NYCDEP sewer discharge permit, as included in Appendix I.

#### **4.1.4 Storm-Water Pollution Prevention Plan (SWPPP)**

The erosion and sediment controls for all remedial construction were performed in conformance with requirements presented in the New York State Guidelines for Urban Erosion and Sediment Control and the site-specific Storm Water Pollution Prevention Plan outlined in the RAWP dated April 2021.



#### **4.1.5 Community Air Monitoring Plan (CAMP)**

A Community Air Monitoring Plan (CAMP) was implemented during the entirety of intrusive activities that took place at the Site. The CAMP included two air monitoring stations, located downwind and upwind to monitor VOC and airborne particulate levels for the protection of the surrounding community. The action level for VOCs was 5 parts per million volume (PPMv) for a 15 minute time weighted average (TWA). If exceedances of this action level occurred, VOC vapor control measures were implemented (i.e. stop work or spray VOC suppressant foam). The action level for particulate matter (Dust) was 150 micrograms per cubic meter for a 15 minute weighted average. If exceedance of this action level occurred, corrective action was taken (i.e. stop work or dust control measures). CAMP summary data was provided to NYSDEC as part of the daily reporting obligations during intrusive activities. A copy of the CAMP is provided in Appendix C.

#### **4.1.6 Contractors Site Operations Plans (SOPs)**

The Remediation Engineer reviewed all plans and submittals for this remedial project (i.e. those listed above plus contractor and subcontractor submittals) and confirmed that they were in compliance with the RAWP. All remedial documents were submitted to NYSDEC and NYSDOH in a timely manner and prior to the start of work.

#### **4.1.7 Community Participation Plan**

The following Citizen Participation Activities were completed before NYSDEC approved the final RAWP:

- A fact sheet was distributed to site contact list about draft RAWP and announcing 45-day public comment period;
- 45-day public comment period was conducted.

Once the RAWP was approved and before the cleanup action began, an additional fact sheet was distributed to the site contact list that describes the upcoming cleanup action.

A certification of mailing was sent on behalf of M4778 Broadway LLC to the NYSDEC project manager following the distribution of all Fact Sheets and notices that included:

- 1) certification that the Fact Sheets were mailed;
- 2) the date they were mailed;
- 3) a copy of the Fact Sheet,
- 4) a list of recipients (contact list); and
- 5) a statement that the repository was inspected on (specific date) and that it contained all of applicable project documents.

The Citizen Participation Plan for this project is attached in Appendix D.



## 4.2 Remedial Program Elements

### 4.2.1 Contractors and Consultants

The primary contractor responsible for the daily operations and implementation of the remedial action is identified as GDI Construction LLC, located at 15 Verbena Ave, Suite 200, Floral Park New York 11001.

The engineer of record for this project responsible for the inspection of remedies and successful completion of the RAWP is identified as Philip G. Clark, P.E. President of HCS Civil & Environmental Engineering, LLC located at 169 Upper Valley Road, Washington, MA 01223. Additional personnel and their project specific roles were as follows:

<b>Company (Role)</b>	<b>Person</b>	<b>Position</b>	<b>Contact Information</b>
GDI Construction LLC (Primary Contractor)	Robert Morseman	Senior Project Executive	718-501-5972
	Austin Johnson	Project Manager	516-821-2003
HCS Civil and Environmental Engineering, LLC (Engineer of Record)	Phillip Clark, P.E.	Engineer of Record	413-281-2797
AEI Consultants (Environmental Consultant)	David Grupp	Project Manager	732-414-2723
	Joseph Maggiulli	Field Team Leader	201-694-3957
	Jack Katz, Ph.D.	Quality Assurance Officer	800-801-3224
	Victoria Whelan, P.G.	Principal	631-793-8821



GZA GeoEnvironmental of New York (Environmental Consultant)	Zachary Landis, P.E.	Project Manager	646-929-8940
Alpha Analytical Laboratories of Westborough, MA* (NYSDOH ELAP Certified Laboratory)	Cynthia Pagut	Project Manager	201-812-9072
De maximis Data Management (3 <sup>rd</sup> Party Data Validator)	Jeri Rossi	Data Validator	980-479-1975
Christine A. Camardella (3 <sup>rd</sup> Party Validator)	Christine Camardella, P.G., PMP	Data Validator	516-946-1121

\*Now Operating as Pace Analytical Services

#### 4.2.2 Site Preparation

A pre-construction meeting was held with NYSDEC and all contractors on June 6, 2022. Subsequent to the meeting remedial activities beginning with excavation began in earnest on November 2, 2022. The necessary equipment to conduct remedial actions and implement the CAMP was mobilized to the site on that date. Construction fencing was laid out in accordance with NYC Department of Buildings protocols at all necessary areas. Hay bales were deployed around the Site perimeter prior to the commencement of excavation activities. New York 811 one call before you dig was notified prior to the commencement of excavation activities.

All permits or government approvals required for remedial construction were obtained prior to the start of remedial construction.

All SEQRA requirements and all substantive compliance requirements for attainment of applicable natural resource or other permits were achieved during this Remedial Action.

A NYSDEC-approved project sign was erected at the project entrance and remained in place during all phases of the Remedial Action.



Documentation of agency approvals required by the RAWP is included in Appendix M. Other non-agency permits relating to the remediation project are provided in Appendix I.

#### **4.2.3 General Site Controls**

The Site was equipped with 24/7 on site security during all non-work hours. Daily remedial activities and construction reports were submitted to NYSDEC on a continuous basis from the start of intrusive activities until the completion of intrusive activities.

During excavation activities, hay bales were maintained at all excavation areas located at surface grade. Elevated PID readings were detected during soil screening within the areas of the site that was expected to contain impacted soils. Stockpiles of soil were only maintained for short periods of time as necessary depending on trucking schedule. The vast majority of the soil was live loaded directly into the awaiting trucks in an effort to reduce double handling of material and reduce possibility of VOC vapors being released.

#### **4.2.4 Nuisance controls**

A truck wash was maintained at the exit of the site using 2-inch clean stone. Residual material/soils were washed off of each truck prior to exiting the site. Any residual soil that did end up off site was cleaned and placed back onto the Site for disposal. If CAMP parameters discussed in section 4.1.6 were exceeded at any time, corrective action was taken. Specifically, with respect to dust control, water was sprayed on any concrete or bedrock breaking activities, or any other activities where dust was created. With respect to odor control, a VOC suppressing foam was applied as needed using a manufacturer suggested air powered applicator/sprayer. Trucks leaving the site for disposal followed a specific route as defined within the RAWP.

The planned route on local roads for trucks leaving the Site was to proceed southwest on Broadway. Remain on Broadway for approximately 1.3 miles and then turn left heading east on West 181<sup>st</sup> Street. Remain on West 181<sup>st</sup> Street for approximately 0.3 miles and then turn right on Amsterdam Avenue heading south. Once on Amsterdam Avenue, take an immediate left heading east onto the ramp to George Washington Bridge. Merge onto Interstate 95 Upper Level S/US-1 Upper Level S and continue on Interstate 95. No complaints regarding nuisance noise, dust, odors or truck routing were received.

#### **4.2.5 CAMP results**

The CAMP was implemented during the entirety of all intrusive activities until all soil on the site was no longer exposed and intrusive activities were completed. Throughout the



excavation activities and CAMP monitoring, the time weighted average for VOCs generally stayed below the threshold of 5 PPM. The only instance where the 15-minute time weighted average for VOCs exceeded the CAMP defined threshold of 5 PPM was the very first day of excavation on November 2, 2023. Operations were temporarily shut down and corrective actions were taken in the form of spraying VOC suppressant foam. At no other times throughout, intrusive activities did the 15-minute time weighted average exceed the 5 PPM threshold defined in the CAMP. With respect to dust and particulates, several instances of dust/particulate exceedances above the 15-minute time weighted average of 150 micrograms per cubic meter occurred. At each instance, the operation was stopped temporarily and dust control measures in the form of water spraying commenced before the dust causing operations resumed. Monitoring was continued to ensure the dust control measures were effective.

Copies of all field data sheets relating to the CAMP are provided in electronic format in Appendix E. A summary of the CAMP exceedances is provided in Table 6.

#### **4.2.6 Best Management Practices**

The project incorporated best management practices to lower the environmental footprint during the remediation phase of the project, which included the following:

1. Limited the idling of excavation equipment and vehicles to reduce emissions.
2. Minimized truck travel for disposal of waste generated during the RAWP implementation by selecting local disposal facilities when possible.
3. Manage onsite resources and materials efficiently (e.g., dewatering equipment and treatment system).
4. Used local subcontractors during RAWP implementation to minimize vehicle emissions during commute.
5. Requested project staff and subcontractors to use public transportation during RAWP implementation to the extent practicable.

#### **4.2.7 Reporting**

A daily construction report was prepared and submitted to NYSDEC before 12 PM the following day by AEIs on site field representative. Included in the daily reports were the CAMP monitoring data, excavation progress updates, construction progress updates, post excavation sampling updates, and any issues or problems encountered that day. Monthly reports were prepared and submitted with the same information after intrusive activities



were completed. Both daily and monthly reports included a photo log of the days/months activities. All daily and monthly reports are included in Appendix E.

All daily and monthly reports are included in electronic format in Appendix E. The digital photo log required by the RAWP is included as attachments to the daily and monthly reports in the Appendix.

### **4.3 Contaminated Materials Removal**

From November 2, 2022 to April 3, 2023 excavation activities as defined in the approved RAWP were conducted. This included the proper closure via removal and disposal of the nine (9) Underground Storage Tanks (USTs) that were discovered during the RI, excavation of petroleum impacted soils to a depth of 15 feet bgs and removal of any impacted groundwater encountered during excavation activities. Remedial excavation occurred concurrently during support of excavation (SOE) activities and remedial construction. The applicable Soil Cleanup Objectives SCOs for the Site include Track 2 or restricted residential soil cleanup objectives.

A list of the SCOs for the contaminants of concern for this project is provided in Table 1. A figure of the location of original sources and areas where excavations were performed is shown in Figure 3.

#### **4.3.1 UST Closure via Removal**

According to the RI a total of nine USTs were anticipated to be encountered. During the course of remedial excavation, a total of seventeen (17) USTs of various sizes were encountered during the excavation phase of the remedial excavation. The USTs encountered are:

- One 10 feet long by 5 feet in diameter (approx. 1,500 gallons)
- Six USTs measuring 7.5 feet long by 4 feet in diameter (approx. 700 gallons)
- One UST measuring 6 feet long by 4 feet in diameter (approx. 550 gallons)
- Two USTs measuring 6 feet long by 2.5 feet in diameter (approx. 250 gallons)
- Five USTs measured 5 feet long by 3 feet in diameter (approx. 275 gallons)

The locations, number designations, and sizes of all USTs encountered and subsequently removed are presented in Figure 2.





Each UST was cut open using a spark free saw, the atmosphere within the UST was verified safe for cleaning, the liquid contents within each UST was then removed by a licensed vacuum removal contractor, Boro Waste Oil of Staten Island, New York. The interior of each UST was cleaned of residual product if remaining. AEI was unable to determine the exact former contents of each UST; however, given the nature of the contamination encountered during previous investigations and the Site history, it is presumed each UST formerly contained gasoline. Upon removal from the ground each UST was inspected for holes, pitting, deterioration and other damage by AEIs in field representative. With the exception of USTs 5, 6, 13, 14, 15, 16, and 17, the UST shells were observed to be in good to fair condition with minor degradation. USTs 5, 6, 13, 14, 15, 16, and 17 were observed to be in poor condition with some amount of pitting, holes, and other signs of deterioration. The location of the USTs observed in poor condition are consistent with the areas where the most significant soil and groundwater impacts were observed.

Each UST shell was then recycled at Sal's Metal Corp of the Bronx, New York, a licensed scrap recycling facility. A total of 2,660 gallons of petroleum impacted water was removed from all 17 USTs. Photo documentation of the excavation and UST removal is provided in the photographic log in Appendix F. UST closure documentation including scrap receipts, manifests, NYSDEC PBS documentation, and FDNY closure affidavits are provided in Appendix F.

#### **4.3.2 Soil Excavation and Disposal**

After all encountered USTs were removed, further excavation to the final proposed depth of 15 feet bgs was conducted. In general, soil encountered within the northern and western portions of the Site were observed with elevated PID readings above background levels when directly screened and some odors of petroleum. Soils encountered within the southern and eastern portions of the Site did not display any visual or olfactory evidence of contamination. Upon completion of the remedial excavation and in accordance with the approved RAWP, post excavation soil sampling was conducted every 900 square feet of pit bottom and every 30 feet of sidewall. Soil samples were collected for TCL-VOCs and TCL-SVOCs. It should be noted that the northeastern sidewall at the time of excavation consisted of the foundation of the adjacent building, as such no soil samples were collected from the northeastern sidewall. In addition, a 10-foot wide 90-foot long and 6-foot deep "bench" of soil remained on site for structural support of the adjacent building along the southwestern portion of the Site. Pit bottom and sidewall samples were collected in this soil "bench" area in addition to the main excavation pit bottom and sidewalls. A total of 40 sidewall and pit bottom samples were collected as part of the RAWP approved post excavation sampling plan.



Post excavation soil sampling locations and results are presented in Figure 3. Removal of the soils described herein constitutes the removal of the soil source material. Remaining soil contamination is considered saturated soils and is being addressed via the in-situ chemical oxidation groundwater treatment remedy described in section 4.3.4.

A total of 314 loads of soil were removed from the Site, totaling 10,159.15 tons. A detailed summary of each load’s destination, weight and contents is presented in Table 2. Of the soils removed, 198 loads or 6,275.75 tons of material were considered nonhazardous fill and disposed of at VIP Capital Development, 1 Capital Boulevard, East Bangor Pennsylvania. The other 116 loads or 3,883.38 tons were considered ` and disposed of at Clean Earth of New Jersey. Disposal facility approval letters are included in Appendix G; manifests and bills of lading are included in Appendix H.

The following table provides a summary of excavated material removed from the Site during the RAWP implementation.

<b>Material Type</b>	<b>Amount of Material</b>	<b>Disposal Timeframe</b>	<b>Disposal Facility</b>
Non-hazardous Soil	3,883.37 tons (2,774 cubic yards)	November 2, 2022, to March 31, 2023	Clean Earth of Carteret 24 Middlesex Avenue, Carteret, NJ 07008
Fill	6,275.78 tons (4,483 cubic yards)	November 2, 2022, to February 14, 2023	VIP Capital Development 1 Capital Boulevard, East Bangor, PA 18013
<b>Total</b>	10,159.15 tons (7,257 cubic yards)		

### 4.3.3 Groundwater Dewatering and Treatment During Excavation

Saturated soils and the likely seasonally encountered groundwater table was generally observed at depths ranging from 12-14 feet below the original site grade across the excavation. As such, any pooling or standing water was only observed when these final depths were achieved. Local dewatering to other parts of the Site was not conducted, any dewatering that was conducted included removal of water from the site via the on- site groundwater treatment system.

The groundwater treatment system consisted of a sediment/solids settling tank, an oil/water separator, a bag filtering system, and a granular activated carbon tank, followed by discharge to the City sewer system. A total of 5,600 gallons of water was treated on site via the groundwater treatment system and discharged into the sewer system in accordance with an



approved NYCDEP discharge permit. A copy of the permit and applicable information regarding the groundwater treatment system is provided in Appendix I.

#### **4.3.4 Groundwater Treatment via In-Situ Chemical Oxidation**

In accordance with the approved RAWP, and the subsequently approved In-Situ Remediation Design and Monitoring plan dated August 29, 2022, ISCO injections were proposed to address the onsite groundwater impacts. In accordance with the approved plan, 11 injection wells (IWs) constructed of 4-inch PVC screen and riser pipe were installed in March 2023. Each screened interval extends to the encountered bedrock surface or 15 feet below the existing basement slab grade, whichever came first, well within the zone of saturated soils and impacted groundwater. The construction logs for the injection wells, along with their boring logs, are included in Appendix O.

Prior to the start of the ISCO injections and after review of the post-excavation soil sampling data described above, NYSDEC requested a figure showing the soil exceedances at or below 15 feet bgs, with the radius of influence of the injection points superimposed on the figure to confirm remaining soil exceedances would be within the treatment zone. Modifications were made to the plan based on NYSDEC comments, and the revised injection plan was subsequently approved by NYSDEC via email correspondence on August 16, 2023. The injection well locations and expected radius of influence of each injection point is provided as Figure 4.

The ISCO injections were completed in early October 2023. The injections consisted of mixing 10,524 pounds of PersulfOx<sup>R</sup> with the appropriate amount of water dilution, which was then injected across the 11 IWs. Injection wells IW-3, IW-4, and IW-7 did not accept the injections and the proposed volume for these wells was disrupted across the rest of the wells. Injections were conducted in accordance with the manufacturer's recommendations with oversight and consultation of an AEI Field representative and a NY licensed professional engineer.

To assess of the effectiveness of the initial round of ISCO injections a round of groundwater sampling was conducted approximately eight weeks after the first round of injections. The sampling event included the collection of groundwater samples from the six permanent monitoring wells, which were analyzed for TCL-VOCs and TCL-SVOCs. Results from the first 8-week sampling event showed increases in multiple VOCs and SVOCs in monitoring wells MW-1 and MW-2 with multiple exceedances still remaining in all monitoring wells.

A second round of post-injection groundwater sampling was conducted in March 2024 to further evaluate the groundwater injection progress. This second round of sampling included



the collection of groundwater samples from permanent monitoring wells MW-1, MW-2, MW-3, and MW-5. Collected samples were analyzed for TCL-VOCs. Results from the second round of sampling showed improvements in the spike of VOC concentrations seen in MW-1 and MW-2 and continued decreasing VOC concentrations in MW-5. However, MW-3 had several VOCs increase in concentration to above the New York State Department of Conservation Technical Operational Guidance Series 1.1.1 Ambient Water Quality Standard and Guidance Values (TOGS) criteria that had been below the threshold during the first round of post-injection monitoring.

Post-injection monitoring showed that the ISCO treatment is working, but additional treatment was needed. A Supplemental Remedial Action Plan was submitted to the NYSDEC for the additional groundwater treatment with another round of PersulfOx® injections aimed at further reducing the levels of contaminants of concern. The design for the additional injections increased the dosage of PersulfOx® from 12% to 20%. This decision was based on observations from the previous application, where contaminant concentrations rebounded and, in some cases, exceeded baseline levels. This suggests that a significant amount of contaminant mass was still bound to the soil, some of which was released by the previous injections. Therefore, the new injections were designed to introduce the maximum possible amount of reagent into the subsurface.

The ISCO injections were completed by Regensis under GZA oversight in between October 28 and November 5, 2024. The injections consisted of mixing 33,887 pounds of PersulfOx® with the appropriate amount of water dilution. Injections were completed under pressure into 6 injection wells (IW-2, 3, 4, 8, 10, and 11) and 2 monitoring wells (MW-5 and MW-6). Injections were conducted in accordance with the manufacturer's recommendations with oversight and consultation of a GZA field representative and a NY licensed professional engineer.

In order to assess the effectiveness of the supplemental round of ISCO injections, groundwater sampling was conducted approximately 8 weeks and 12 weeks after the injections. The 8-week sampling event was completed on January 1 and 2, 2025 and included the collection of groundwater samples from the six permanent monitoring wells, which were analyzed for TCL-VOCs, TCL-SVOCs, and Sulfate. Results from the first 8-week sampling event showed most VOCs and SVOCs continuing to decrease in concentration; however, multiple VOCs and SVOCs did increase from the previous round of sampling. The most notable increases in VOC concentrations were in MW-1 and MW-5. In MW-1, concentrations of indicator contaminants benzene, xylenes, and naphthalene saw concentrations increase from pre-supplemental injection (June 2024) concentrations. In



MW-5, concentrations of indicator contaminants benzene, toluene, ethylbenzene, xylene (BTEX), and naphthalene also saw increases from June 2024 concentrations. These increases in MW-1 and MW-5 could be attributed to the increased treatment directly to MW-5 that may have desorbed contaminants from soil and displaced contaminants toward MW-1 and down gradient wells under the pressurized injection conditions.

The 12-week sampling event was completed on January 28 and 30, 2025 and included collection of groundwater samples from all six permanent monitoring wells. Collected samples were analyzed for TCL-VOC, TCL SVOCs, Sulfate, and Total Petroleum Hydrocarbons (TPH). TPH was not detected in any of the six monitoring wells and sulfate concentrations had significant increases from the 8-week monitoring event. VOC and SVOC results from the 12-week sampling event showed similar results to the 8 week event with a mixture of increases and decreases in concentrations. Large increases in the sulfate concentrations as well as the observed high oxidation reduction potential (ORP) during the purging of wells indicate that the increase in microbial activity for the biodegradation of the petroleum related contaminants and may have resulted in the increased the natural surfactants temporarily increasing hydrocarbon solubility. Additionally, there were increases in biodegradation by products, such as acetone and 2-butanone, that naturally occur along the degradation pathway for large hydrocarbons. The field tests do indicate that the injection chemical is still present within the wells and it is anticipated to continuously break down the contaminants.

## **4.4 Remedial Performance/Documentation Sampling**

### **4.4.1 Soil**

Upon completion of the remedial excavation and in accordance with the approved RAWP, post excavation soil sampling was conducted every 900 square feet of pit bottom and every 30 feet of sidewall. Soil samples were collected for laboratory analysis of TCL-VOCs and TCL-SVOCs. The TCL-VOC samples were collected as discrete grab samples while the TCL-SVOC samples were collected by homogenizing a select amount of sample material from the corresponding depth interval. Each sample was collected using dedicated disposable sampling equipment directly from the excavation. It should be noted that the northeastern sidewall at the time of excavation consisted of the foundation of the adjacent building, as such no sidewall soil samples were collected from this area.

In addition, a 10-foot wide 90-foot long and 6-foot deep “bench” of soil remained on site for structural support of the adjacent building along the southwestern portion of the Site. Pit



bottom and sidewall samples were collected in the soil “bench” area in addition to the main excavation pit bottom and sidewalls. A total of 40 sidewall and pit bottom samples were collected as part of the RAWP approved post excavation sampling plan. With the exception of the soil samples collected from shallower depths within the soil “bench” area, all post excavation and sidewall samples were collected from a depth below the encountered groundwater table. As such, these samples were collected as saturated soil samples. Soil excavation was conducted to a depth below the soil groundwater interface in part to remove any and all potentially impacted unsaturated soils across the Site and to facilitate the installation and construction of the building’s foundation.

The results of the post excavation soil sampling revealed elevated concentrations of 1,2,4 trimethylbenzene, ethylbenzene, and total xylenes above restricted residential SCOs at sidewall samples C1-SW-W and C2-SW-E, and pit bottom sample C1-PB. In addition, elevated concentrations of 1,2,4 trimethylbenzene, 1,3,5 trimethylbenzene, benzene, ethylbenzene, n-propyl benzene, naphthalene, toluene, and total xylenes were detected above the protection of groundwater and unrestricted use SCOs. Table 3 summarizes the results of all post-excavation soil samples. Figure 3 shows the post- excavation soil sample results that exceed the Restricted Residential and Protection of Groundwater SCOs at the site after completion of remedial action, and all exceedances of SCOs are highlighted.

Data Usability Summary Reports (DUSRs) were prepared for all data generated in this remedial performance evaluation program. These DUSRs are included in Appendix J.

#### **4.4.2. Groundwater**

Pre-injection groundwater sampling was conducted in May 2023. The first round of post injection groundwater sampling was conducted on December 21, 2023, approximately 8 weeks after the first round of chemical treatment injections. During this sampling event, groundwater samples were collected from each of the six on site monitoring wells and analyzed for TCL-VOCs and TCL-SVOCs. The results of the monitoring well sampling indicated elevated concentrations of several gasoline related compounds in exceedance of the respective applicable AWQS. Some of the compounds increased from the concentrations detected in the pre-injection sample results. The observed increases were likely attributable to the following:

- (1) the injections likely physically mobilized contaminants adsorbed onto subsurface particles, and



- (2) microbial activity is also associated with creation of natural surfactants that cause an increased solubility of contaminants in the short-term.

Based on the results of this initial round of groundwater sampling, a second round of limited groundwater sampling was conducted on March 8, 2024 to further evaluate the groundwater injection progress. This second-round sampling included the collection of groundwater samples from monitoring wells MW-1, MW-2, MW-3, and MW-5, which were analyzed for TCL-VOCs. The results from the select wells sampled in March 2024, showed a decrease in most concentrations of VOCs, as was expected and indicates that the injections are inducing reductions in COCs. Concentrations of sec-butylbenzene in MW-1 and benzene, ethylbenzene, o-xylene, p/m-Xylene, and toluene in MW-3 did increase from below laboratory detection limits to above relevant TOGS criteria.

Supplemental injections were completed at the beginning of November 2024 with 8-week and 12-week post-injection monitoring events in January 2025. The 8-week sampling event included sampling of all six permanent monitoring wells for TCL-VOCs, TCL-SVOCs and Sulfate. Multiple VOCs and SVOCs had increased concentrations in all six wells after the supplemental injections. MW-3 and MW-4 only had VOC increases for Acetone, and MW-2 and MW-6 only had VOC increases of acetone and 2-butanone. Increases in these specific compounds are indicators that the oxidation process is ongoing as these are common intermediate compounds in the breakdown pathway of larger ketones and hydrocarbons. Increases in VOC concentrations in MW-1 and MW-5 were more indicative that additional source material within the soils may have been mobilized as a result of the increased subsurface disturbance from the injections. VOC increases in MW-1 included 1,2,4,5-tetramethylbenzene, 2-hexanone, benzene, isopropylbenzene, n-butylbenzene, n-propylbenzene, and naphthalene. VOC increases in MW-5 included 1,2,4-trimethylbenzene, benzene, bromodichloromethane, bromoform, carbon disulfide, chloroethane, dibromochloromethane, ethylbenzene, o-xylene, p/m-xylene, and toluene.

The 12-week post-injection sampling event included sampling of all 6 permanent monitoring wells for TCL-VOCs, TCL-SVOCs, Sulfate, and TPH. During the groundwater purging prior to sampling, each well was monitored for ORP utilizing a Horiba U-52 water quality sonde and persulfate utilizing a field test kit. ORP in all six wells was above 400 throughout each well's purge. Additionally, persulfate was tested at the beginning and end of each purge for all six wells with all tests showing concentrations higher than the 70 milligrams per liter maximum on the test kit's scale. Both of these parameters indicate favorable conditions for continued degradation of contaminants in the groundwater. TPH was not detected in any of the wells during sampling. Multiple VOCs and SVOCs had increased concentrations in all



six wells after the supplemental injections. MW-1 had VOC increases in 1,2,4-trimethylbenzene, 2-butanone, acetone, benzene, ethylbenzene, isopropylbenzene, toluene, and xylenes and had SVOC increases acetophenone, benzyl alcohol, and naphthalene. In MW-2 VOC increases included 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, benzene, chloroethane, chloromethane, ethylbenzene, isopropylbenzene, n-butylbenzene, n-propylbenzene, toluene, and xylenes, and SVOC increases included acetophenone, benzoic acid, benzyl alcohol, bis(2-ethylexyl) phthalate, phenol, and naphthalene. MW-3 had VOC increases for acetone, chloromethane, and dibromochloromethane, and SVOC increases for acetophenone, and hexachlorobenzene. MW-4 had VOC increases include 2-butanone, acetone, benzene, and chloromethane, and SVOC increases including acetophenone and naphthalene. MW-5 had VOC increases including 1,2,3,5-trimethylbenzene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 2-butanone, acetone, benzene, chloroethane, isopropylbenzene, n-propylbenzene, toluene, and xylenes, and SVOC increases including benzoic acid, benzyl alcohol, 2-methylnaphthalene, and naphthalene. MW-6 had VOC increases including 1,2,4-trimethylbenzene, 2-butanone, acetone, benzene, chlorobenzene, chloroform, chloromethane, ethylbenzene, isopropylbenzene, n-butylbenzene, n-propylbenzene, toluene, and xylenes, and SVOC increases including acetophenone, benzoic acid, benzyl alcohol, bis(2-ethylhexyl)phthalate, 2-methylnaphthalene, and naphthalene.

MW-3 and MW-4 only had VOC increases for Acetone and chloromethane and SVOC increases of Acetophenone and hexachlorobenzene. MW-2 and MW-6 only had VOC increases of acetone and 2-butanone. Increases in these specific compounds are indicators that the oxidation process is ongoing as these are common intermediate compounds in the breakdown pathway of larger ketones and hydrocarbons. Increases in VOC concentrations in MW-1 and MW-5 were more indicative that additional source material within the soils may have been mobilized as a result of the increased subsurface disturbance from the injections. VOC increases in MW-1 included 1,2,4,5-tetramethylbenzene, 2-hexanone, benzene, isopropylbenzene, n-butylbenzene, n-propylbenzene, and naphthalene. VOC increases in MW-5 included 1,2,4-trimethylbenzene, benzene, bromodichloromethane, bromoform, carbon disulfide, chloroethane, dibromochloromethane, ethylbenzene, o-xylene, p/m-xylene, and toluene. These results indicate a combination of mobilization of sorbed contaminants from soil due to the supplemental injections as well as increases in byproducts from the degradation of petroleum related contaminants. Indicator contaminants such as BTEX and naphthalene increases show that the desorption of contaminants from soils previously unreached during the first round of investigation are receiving sufficient persulfate to increase the biodegradation rate. While biodegradation byproducts such as acetone, 2-butanone, benzoic acid, acetophenone, benzyl alcohol, and phenol are common



indicators that large aromatic hydrocarbons are being broken down through the degradation pathway.

The results of the pre- and post-injection groundwater sampling events are presented in Table 4; pre- and post-injection VOC concentrations are presented on Figure 5.

Groundwater sampling results indicate that seventeen VOC and six SVOCs exceeded the NYSDEC SGVs in groundwater samples collected, as summarized below:

Post-Remediation Groundwater Samples				
Analyte	Unit	NYSDEC SGVs	Detected Concentration above SCOs (Sample #)	Maximum Detection (Well Location)
<b>VOCs</b>				
1,2,4,5-tetramethylbenzene	ug/L	5	2	33 (MW-1)
1,2,4-trimethylbenzene	ug/L	5	2	1,000 (MW-1)
1,2-Dichloroethane	ug/L	0.6	1	1.3 (MW-6)
1,3,5-trimethylbenzene	ug/L	5	1	200 (MW-1)
2-Butanone	ug/L	50	4	1,300 (MW-6)
Acetone	ug/L	50	5	4,400 (MW-6)
Benzene	ug/L	1	4	1,100 (MW-2)
Chloroethane	ug/L	5	3	36 (MW-6)
Ethylbenzene	ug/L	5	3	1,800 (MW-1)
Isopropylbenzene	ug/L	5	2	78 (MW-1)
n-Propylbenzene	ug/L	5	3	190 (MW-1)
Naphthalene	ug/L	10	2	200 (MW-1)
o-Xylene	ug/L	5	3	960 (MW-2)
m, p-Xylene	ug/L	5	2	5,600 (MW-1)
Toluene	ug/L	5	2	4,600 (MW-2)
<b>SVOCs</b>				
2,4-Dimethylphenol	ug/L	50	1	56 (MW-1)
Phenol	ug/L	1	2	15 (MW-2)
Bis(2-ethylhexyl)phthalate	ug/L	5	2	30 (MW-6)
Hexachlorobenzene	ug/L	0.04	1	0.07 (MW-2)
Naphthalene	ug/L	10	2	180 (MW-1)

ISCO injections are effective over a long period of time after the initial injection event. Therefore, in order to monitor the continued effectiveness of the ISCO injections and contaminant breakdown progress. A minimum of eight quarters (or two years) of continued groundwater monitoring will be conducted in order to confirm a downward or overall stabilizing trend within the groundwater impacts that remain at the Site, or if additional injections will be necessary. After each groundwater sampling event, GZA will assess the continued effectiveness of the ISCO injections. If data trends indicate COC concentrations



are not reducing, additional ISCO injections may be conducted to adequately reduce the concentrations of VOCs within on site groundwater, as needed. The 11 injection wells installed during the RA are still in place for future use, as needed.

Data Usability Summary Reports (DUSRs) were prepared for all data generated in this remedial performance evaluation program. These DUSRs are included in Appendix J.

#### **4.4.3 Soil Vapor**

AEI Consultants conducted indoor air sampling to assess the operational performance of the Sub-Slab Depressurization System (SSDS) on August 19-20, August 22-23, and September 3-4, 2024. The results indicated multiple exceedances for ethylbenzene, p/m-xylene, and o-xylene. These exceedances in the August 2024 samples were attributed to the improper application of a floor sealant containing xylenes and ethylbenzene. To prevent further emissions from the sealant, a ½-inch layer of concrete resurfacer (that was verified not to contain any targeted contaminants) was applied over the affected basement areas.

After the resurfacer application, additional samples were collected in September 2024. The results no longer showed exceedances for ethylbenzene, although xylenes remained above the NYSDOH guidance values. To inspect and maintain the SSDS, GZA subcontracted AARCO Environmental Services Corp (AARCO) and Tyll Engineering and Consulting (TEC). Based on the inspection, the air flow to the basement was increased, a valve on the system was found to be decreasing the efficiency and was repaired.

On October 21, 2024, GZA personnel collected ambient air (AA-1 and AA-Roof) and indoor air (IA-1 through IA-7) samples using 6-liter stainless steel Summa canisters with 24-hour flow regulators. The ambient air results for AA-1 and AA-Roof, and indoor air results for IA-1, 2, 3, 5, 6, and 7 did not show VOC concentrations exceeding NYSDOH Air Guidance Values (for chlorinated solvents). However, IA-4 showed elevated methylene chloride levels (11.7 µg/m<sup>3</sup>) above NYSDOH Air Guidance Values. Methylene chloride was not detected in nearby IA-3 from the same room and is considered a common laboratory contaminant. Previous sampling indicated that methylene chloride was not a concern related to soil vapor or construction materials at the site. Therefore, GZA does not consider this exceedance to be related to vapor infiltration or VOC contamination within the indoor air space. The sampling event from the October 2024 sampling are summarized in Appendix O.

On November 19, 2024, GZA personnel collected another round of ambient air and indoor air samples from the same sample locations for evaluation during the heating season. The ambient air and indoor air results showed no exceedances above NYSDOH Air Guidance Values or the Decision Matrices “No Further Action” thresholds. Based on the data, there



does not appear to be a pathway for human exposure to contaminants in soil vapor beneath the building foundation.

The sampling event from the November 2024 sampling are summarized in Appendix P and analytical results from the August, September, October, and November 2024 confirmatory sampling events are provided in Table 5.

#### 4.5 Imported Backfill

After excavation to a depth of 15 feet bgs was achieved across the site, ¾ inch clean stone was imported to the Site to serve as a base layer to support the structural mat slab in addition to a gas permeable layer for the sub slab depressurization system. A total of 699.44 tons of AASHTO #57 ¾ clean stone was imported from Braen Stone of Sparta, New Jersey, specifically from their Haledon quarry located at 400-402 center Avenue in Haledon New Jersey. The source of the imported has been verified as a virgin basalt traprock deposit. The New Jersey mine registration number for this source is #004801. The source of backfill being certified virgin material precludes the need for verification sampling, as such none was conducted. The backfill was placed in a one-foot-thick layer across the entire footprint of the site to facilitate and support the installation of the structural mat slab. Backfill was not placed at any other location on the Site.

Certified clean backfill documentation including a copy of the mine certificate and gradation reports are presented in Appendix K.

The following table provides a summary of material imported onto the Site for use as backfill to bring remedial excavations to grade and/or as part of the composite cover system:

Material Type	Quantity Imported	Site Usage	Origin Facility
AASHTO #57 ¾ clean stone	699.44 tons	Gas permeable layer and structural support of the mat slab	Haledon Quarry 400-402 Center Avenue, Haledon, NJ 07508
<b>Total</b>	699.44 tons		

#### 4.6 Contamination Remaining at the Site

As described in section 4.4, the results of the post excavation soil sampling revealed elevated concentrations of 1,2,4-trimethylbenzene, ethylbenzene, and total xylenes above Restricted



Residential SCOs at sidewall samples C1-SW-W and C2-SW-E, and pit bottom sample C1-PB. In addition, elevated concentrations of 1,2,4-trimethylbenzene, 1,3,5- trimethylbenzene, benzene, ethylbenzene, n-propyl benzene, naphthalene, toluene, and total xylenes were detected above the Protection of Groundwater SCOs. Table 3 and Figure 3 summarize the results of all soil samples collected that exceed the Restricted Residential and Protection of Groundwater SCOs at the site after completion of remedial action.

The lower of PGW and RR SCO exceedances in the Site documentation samples are summarized in the table below.

Documentation Endpoint Soil Samples							
Analyte	PGW SCO	RR SCO	Unit	Minimum Detected Concentration above SCOs	Maximum Detected Concentration above SCOs		
<b>VOCs</b>							
1,2,4-trimethylbenzene	3.6	47	mg/Kg	3.9	A3-PB (15-15.5' bgs)	120	C1-SW-W (14.5-15' bgs)
1,3,5-trimethylbenzene	8.4	47	mg/Kg	17	C2-SW-E (14.5-15' bgs)	32	C1-SW-W (14.5-15' bgs)
benzene	0.06	2.9	mg/Kg	0.27	C2-PB (15-15.5' bgs)	2.4	C1-SW-W (14.5-15' bgs)
ethylbenzene	1	30	mg/Kg	1.5	A3-PB (15-15.5' bgs)	68	C1-SW-W (14.5-15' bgs)
n-propyl benzene	3.9	100	mg/Kg	11	C2-SW-E (14.5-15' bgs ) & C1-PB (15-15.5' bgs)	14	C1-SW-W (14.5-15' bgs)
naphthalene	12	100	mg/Kg	18	C1-SW-W (14.5-15' bgs)	18	C1-SW-W (14.5-15' bgs)
toluene	0.7	100	mg/Kg	2.1	A3-PB (15-15.5' bgs)	95	C1-SW-W (14.5-15' bgs)
total xylenes	1.6	100	mg/Kg	3.1	B1-SW-W (14.5-15' bgs)	420	C1-SW-W (14.5-15' bgs)

The impacted soils are isolated to a depth of at least 14.5 to 15.0 feet bgs within the sidewall samples and 15.0-15.5 feet bgs within the pit bottom samples. Impacted soils are further demarcated by 1 foot thick a layer of ¾ inch clean stone with a vapor barrier and a three foot thick structural mat slab above. Additional details regarding the vapor barrier are provided in the following section. With the exception of the soil samples collected from shallower depths within the soil “bench” area, all post excavation and sidewall samples were collected from a depth below the encountered groundwater table. As such, these samples were collected as saturated soil samples. Soil excavation was conducted to a depth below the soil groundwater interface in part to remove any and all potentially impacted unsaturated soils (i.e. source



material) across the Site and to facilitate the installation and construction of the building's foundation.

Since contaminated soil remains beneath the site after completion of the Remedial Action, Institutional and Engineering Controls are required to protect human health and the environment. These Engineering and Institutional Controls (ECs/ICs) are described in the following sections. Long-term management of these ECs/ICs and residual contamination will be performed under the Site Management Plan (SMP) approved by the NYSDEC.4.7 Soil Cover System

Exposure to remaining contamination in soil/fill at the site is prevented by a building slab over the site. This building slab is comprised of a minimum of 12 inches of crushed ¾ inch stone, non-woven geotextile fabric, a dual layer vapor and moisture barrier system, and 1 to 3 feet of structural concrete across the entire Site and up the excavation sidewalls.. An Excavation Work Plan, which outlines the procedures required in the event the building slab and/or underlying residual contamination are disturbed, is provided in Appendix D of the SMP. Further details about the moisture and vapor barrier system are presented in Appendix L.

## **4.7 Engineering Controls**

Since remaining contaminated soil exists beneath the site, Engineering Controls (EC) are required to protect human health and the environment. The site has the following primary Engineering Controls, as described in the following subsections.

### **4.7.1 Sub Slab Depressurization System (SSDS)**

Immediately following the completion of the soil excavation activities, installation of the SSDS and requisite components began. The SSDS consists of a branched piping network installed within porous granular material consisting of ¾-inch clean stone beneath the composite cover system described above. Prior to the placement of the stone and branch piping, a nonwoven geotextile fabric was placed on the base of the excavation. Each branch consists of a network of horizontal pipe set in the middle of a gas permeable layer immediately beneath the building slab and up foundation walls. The horizontal piping consists of perforated schedule 40 4-inch PVC pipe connected to a 4-inch steel pipe that penetrates the foundation and vented to the roof. The gas permeable layer consists of a 12-inch thick layer of ¾-inch trap rock stone. A second layer of geotextile fabric was installed above the stone layer and below the composite cover system described above. The pipe is finished at the roof line with a 6-inch goose neck pipe to prevent rain infiltration. The active



SSDS is hardwired and includes a blower installed on the roof line and a pressure gauge and alarm located in an accessible area in the basement.

The operations and maintenance plan should be followed as defined in Appendix G of the SMP. As-built drawings of the SSDS signed and sealed by a PE who is licensed and registered in New York State, are included in Figure 7. Annual testing of the system will be conducted to verify operation and ongoing vapor mitigation. Testing will include the collection of vacuum measurements from each of the five loops and the collection of ambient and indoor air samples and one SSDS effluent sample from the sample point adjacent to the blower on the roof. Annual testing will be conducted during the heating season. The operations and maintenance plan also addresses inspection procedures that must occur after any severe weather conditions have taken place that may affect on-site ECs.

#### **4.7.2 Injection Wells and Monitoring Wells**

To address the groundwater contamination at the site, 11 injection wells and six monitoring wells were installed in the basement of the new building. All wells were installed utilizing a hollow stem auger drill rig to bed rock. Injection well borings were 8.25 inches in diameter with well construction consisting of 4-inch diameter 0.02" slotted PVC screens with 4-inch diameter PVC risers and the annular space around the wells was filled with filter pack sand to 1-foot above the screen interval, topped with a 1-foot bentonite seal and the remaining space above the seal grouted to the top of the basement slab. Monitoring well borings were 6.25 inches in diameter with well construction consisting of 2-inch diameter 0.02" slotted PVC screens with 2-inch diameter PVC risers and the annular space around the wells was filled with filter pack sand to 1-foot above the screen interval, topped with a 1-foot bentonite seal and the remaining space above the seal grouted to the top of the basement slab. All injection wells and monitoring wells installed during the RA remain in place for ongoing groundwater monitoring and treatment as needed. Well construction logs are provided in Appendix O.

#### **4.8 Institutional Controls**

The site remedy requires that an environmental easement be placed on the property to (1) implement, maintain and monitor the Engineering Controls; (2) prevent future exposure to remaining contamination by controlling disturbances of the subsurface contamination; and, (3) limit the use and development of the site to restricted residential, commercial, or industrial uses only.



The environmental easement for the site was executed by the Department on May 13, 2024, and filed with the Office of the City Register of the City of New York on May 22, 2024. The County Recording Identifier number for this filing is CRFN 2024000130778. A copy of the easement and proof of filing is provided in Appendix M.

#### **4.9 Deviations from the Remedial Action Work Plan**

Three deviations from the previously approved RAWP were implemented related to the ISCO injections and the imported materials for backfill. The RAWP previously defined the ISCO injection procedures as occurring prior to the commencement of excavation and additional remedial action via injection points. However, an In-Situ Remediation Design and Monitoring plan dated October 27, 2022 modifying the RAWP was submitted to NYSDEC and subsequently approved as detailed in NYSDEC response letter dated October 31, 2022. While the overall objective of the In-Situ Remediation Design as set forth in the RAWP had not changed, the execution, implementation, and timing of the ISCO oxidant injections had changed.

Eleven injection wells were initially planned to be installed after the installation of the concrete floor slab. Subsequent to that approval, and at the request of NYSDEC after review of the post excavation soil sampling data described above, revisions to the proposed injection plan were requested by NYSDEC. The revised injection plan was submitted to NYSDEC and approved via email correspondence on August 16, 2023. All of the above represent a change of the overall injection plan set forth in the RAWP. A copy of the October 27, 2022, In-Situ Remediation Design and Monitoring plan and subsequent NYSDEC approval is presented in Appendix N.

Additionally, based on the results of post-injection groundwater sampling after the initial injections, a second round of ISCO injections was performed between October 28 and November 5, 2024. Injections were completed in accordance with the approved Supplemental Remedial Action Plan dated October 4, 2024 and provided in Appendix Q. An increase in the dosage of the PersulfOx® was utilized to address lingering contamination observed in the groundwater. Two post-injection groundwater monitoring events were conducted to assess the degradation of contaminants with sampling at 8-weeks and 12-weeks after the injections. A summary of the supplemental injection is provided in Section 4.3.4 and a summary of the post-injection sampling is provided in Section 4.4.2. A copy of the supplemental Remedial Action Plan is provided in Appendix Q.

Imported materials to the site included the ¾-inch clean stone for the SSDS installation. The imported stone documentation was reviewed by the remedial engineer for compliance with



requirements on the sieve analysis and mined materials. However, a “Request to Import/Reuse Fill Material” form was not submitted to the NYSDEC Project Manager prior to import of material as outlined in Section 5.4.9 of the RAWP. All documentation for the imported clean material are included as Appendix K.





## Figures





LEGEND

APPROXIMATE SITE BOUNDARY

GENERAL NOTES

1. AERIAL IMAGERY DEVELOPED FROM © 2025 MICROSOFT CORPORATION © 2025 MAXAR © CNES (2025) DISTRIBUTION AIRBUS

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NO.	ISSUE/DESCRIPTION	BY	DATE

4778 BROADWAY  
NEW YORK, NY 10034

PREPARED BY:  
 **GZA** GeoEnvironmental of NY  
Engineers and Scientists  
www.gza.com

PREPARED FOR:  
M4778 BROADWAY, LLC

**SITE MAP**

PROJ MGR: ZL	REVIEWED BY: ZL	CHECKED BY: VW
DESIGNED BY: LWC	DRAWN BY: LWC	SCALE: 1"=30'
DATE: FEBRUARY 2025	PROJECT NO. 41.0163310.10	REVISION NO. -

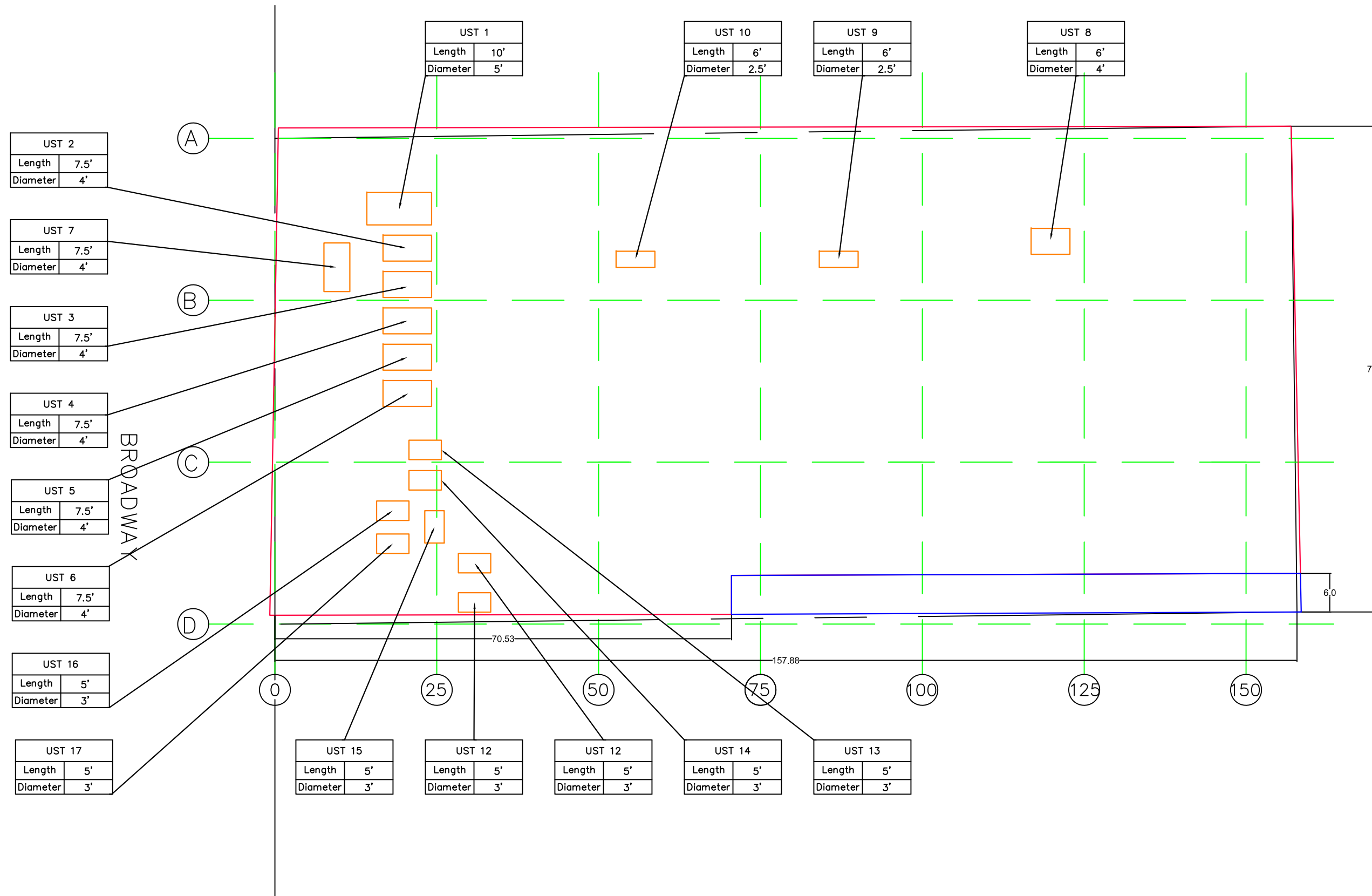
**FIGURE 1**  
**1**  
SHEET NO. 1 OF 1

**LEGEND:**

- Boundary Line
- Completed Excavation Area to 15 ft bgs
- Completed Excavation Area to 6 ft bgs
- Former Underground Storage Tank (UST)

**NOTES:**

1. All UST dimensions are in feet. USTs were removed from the Site as of December 21, 2022.



ENGINEER SEAL:



PROJECT OWNER:

M4778 BROADWAY LLC

PROJECT:

4778 BROADWAY  
NEW YORK, NEW YORK 10034  
BCP No. C231131

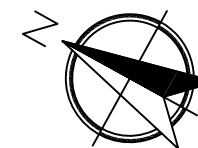
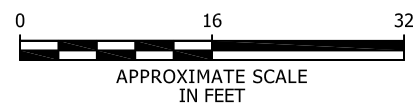
FORMER UST LOCATION  
MAP

FIGURE  
2

PROJECT NO: 384736  
DATE: 10/12/2023  
SCALE: AS SHOWN

DRAWN BY: S. MASON  
REVIEWED BY: J. MAGGIULLI

REVISION LOG:			
REV. #:	DATE:	DESCRIPTION:	APPROVED BY:
0	10/12/2023	AFTER RAWP AND FIELD OBSERVATIONS	J. MAGGIULLI



A3-PB	
Depth	Value
15.0-15.5	
COC	
1,2,4-TMB	3.9
Ethybenzene	1.5
Toluene	2.1
Xylenes, Total	10
Other COCs	NE

A1-PB	
Depth	Value
15.0-15.5	
All COCs	NE

A1-SW-W	
Depth	Value
14.5-15.0	
All COCs	NE

A2-PB	
Depth	Value
15.0-15.5	
All COCs	NE

A4-PB	
Depth	Value
15.0-15.5	
All COCs	ND

A5-PB	
Depth	Value
15.0-15.5	
All COCs	NE

A6-SW-E	
Depth	Value
14.5-15.0	
All COCs	NE

A6-SW-N	
Depth	Value
14.5-15.0	
All COCs	ND

B6-SW-E	
Depth	Value
14.5-15.0	
All COCs	NE

A6-PB	
Depth	Value
15.0-15.5	
All COCs	NE

B1-SW-W	
Depth	Value
14.5-15.0	
COC	
Xylenes, Total	3.1
Other COCs	NE

B1-PB	
Depth	Value
15.0-15.5	
All COCs	NE

B2-PB	
Depth	Value
15.0-15.5	
All COCs	NE

B3-PB	
Depth	Value
15.0-15.5	
All COCs	NE

B4-PB	
Depth	Value
15.0-15.5	
All COCs	NE

B5-PB	
Depth	Value
15.0-15.5	
All COCs	NE

B6-PB	
Depth	Value
15.0-15.5	
All COCs	NE

C1-SW-W	
Depth	Value
14.5-15.0	
COC	
1,2,4-TMB	120
1,3,5-TMB	32
Benzene	2.4
Ethybenzene	68
n-Propylbenzene	14
Naphthalene	18
Toluene	95
Xylenes, Total	420

C3-PB	
Depth	Value
15.0-15.5	
All COCs	ND

C3-SW-S	
Depth	Value
14.5-15.0	
All COCs	ND

C5-PB	
Depth	Value
15.0-15.5	
All COCs	NE

C6-PB	
Depth	Value
15.0-15.5	
All COCs	NE

C1-PB	
Depth	Value
15.0-15.5	
COC	
1,2,4-TMB	67
1,3,5-TMB	21
Benzene	1.6
Ethybenzene	48
n-Propylbenzene	11
Toluene	61
Xylenes, Total	260
Other COCs	NE

C2-SW-S	
Depth	Value
14.5-15.0	
COC	
All COCs	ND

C3-SW-S	
Depth	Value
10.0-10.5	
All COCs	ND

C4-SW-S	
Depth	Value
14.5-15.0	
COC	
1,2,4-TMB	4.7
Xylenes, Total	7
Other COCs	NE

C5-SW-S	
Depth	Value
10.0-10.5	
All COCs	ND

C6-SW-S	
Depth	Value
14.5-15.0	
All COCs	NE

C1-SW-S	
Depth	Value
14.5-15.0	
COC	
1,2,4-TMB	13
Ethybenzene	3.5
Xylenes, Total	14
Other COCs	NE

C5-SW-S	
Depth	Value
14.5-15.0	
All COCs	NE

C6-PB-S	
Depth	Value
6.0-6.5	
All COCs	ND

C2-PB	
Depth	Value
15.0-15.5	
COC	
1,2,4-TMB	15
Benzene	0.27
Ethybenzene	6
Toluene	2.7
Xylenes, Total	24
Other COCs	NE

C2-SW-E	
Depth	Value
14.5-15.0	
COC	
1,2,4-TMB	63
1,3,5-TMB	17
Ethybenzene	13
n-Propylbenzene	11
Xylenes, Total	42
Other COCs	NE

C4-SW-S	
Depth	Value
10.0-10.5	
All COCs	ND

C4-PB	
Depth	Value
15.0-15.5	
COC	
Xylenes, Total	7.2
Other COCs	NE

C6-SW-S	
Depth	Value
10.0-10.5	
All COCs	ND

C6-SW-E	
Depth	Value
14.5-15.0	
All COCs	NE

C4-PB-S	
Depth	Value
6.0-6.5	
All COCs	ND

C5-PB-S	
Depth	Value
6.0-6.5	
All COCs	ND

**LEGEND:**

- Boundary Line
- Completed Excavation Area to 15 ft bgs
- Completed Excavation Area to 6 ft bgs
- ◆ Post-Excavation Soil Sample Location

**NOTES:**

- All sample depths are in feet below ground surface (bgs). Concentrations are in milligrams per kilogram (mg/kg).
- COC - contaminant of concern  
 TMB - Trimethylbenzene  
 ND - Not detected above laboratory MDL  
 NE - Not in exceedance of SCOs  
 Yellow Highlight - Concentration exceeds NYSDEC Protection of Groundwater SCO  
 Orange Highlight - Concentration exceeds NYSDEC Restricted-Residential SCO

Cleanup Objectives		
COC	NYGWSO	NYRCSO
1,2,4-TMB	3.6	47
1,3,5-TMB	8.4	47
Benzene	0.06	2.9
Ethybenzene	1	30
n-Propylbenzene	3.9	100
Naphthalene	12	100
Toluene	0.7	100
Xylenes, Total	1.6	100

BROADWAY

A

B

C

D

0

25

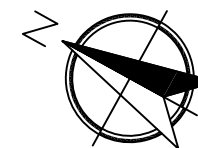
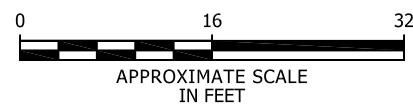
50

75

100

125

150



REVISION LOG:		
REV. #	DATE	DESCRIPTION
0	10/12/2023	AFTER SMP FIG 4

ENGINEER SEAL:



PROJECT OWNER:  
M4778 BROADWAY LLC

PROJECT:  
4778 BROADWAY  
NEW YORK, NEW YORK 10034  
BCP No. C231131

POST-EXCAVATION SOIL SAMPLE LOCATION MAP

FIGURE  
3

PROJECT NO: 384736  
 DATE: 10/12/2023  
 SCALE: AS SHOWN  
 DRAWN BY: S. MASON  
 REVIEWED BY: J. MAGGIULLI

A3-PB	
Depth	Value
15.0-15.5	
COC	
1,2,4-TMB	3.9
1,3,5-TMB	1.4
Benzene	0.039
Ethybenzene	1.5
n-Propylbenzene	0.41
Naphthalene	0.52
Toluene	2.1
Xylenes, Total	10

B1-SW-W	
Depth	Value
14.5-15.0	
COC	
1,2,4-TMB	2.1
1,3,5-TMB	0.66
Benzene	0.011J
Ethybenzene	0.72
n-Propylbenzene	0.39
Naphthalene	0.27
Toluene	ND
Xylenes, Total	3.1

SB-19	
Depth	Value
17.5-18	
COC	
1,2,4-TMB	1.2
1,3,5-TMB	0.36
Benzene	3.1
Ethybenzene	5
n-Propylbenzene	0.18
Naphthalene	ND
Toluene	17
Xylenes, Total	10

C1-SW-W	
Depth	Value
14.5-15.0	
COC	
1,2,4-TMB	120
1,3,5-TMB	32
Benzene	2.4
Ethybenzene	68
n-Propylbenzene	14
Naphthalene	18
Toluene	95
Xylenes, Total	420

C1-SW-S	
Depth	Value
14.5-15.0	
COC	
1,2,4-TMB	13
1,3,5-TMB	4.9
Benzene	0.034J
Ethybenzene	3.5
n-Propylbenzene	2.1
Naphthalene	1.9
Toluene	0.075J
Xylenes, Total	14

C2-PB	
Depth	Value
15.0-15.5	
COC	
1,2,4-TMB	15
1,3,5-TMB	6.1
Benzene	0.27
Ethybenzene	6
n-Propylbenzene	3.8
Naphthalene	2.8
Toluene	2.7
Xylenes, Total	24

C2-SW-E	
Depth	Value
14.5-15.0	
COC	
1,2,4-TMB	63
1,3,5-TMB	17
Benzene	ND
Ethybenzene	13
n-Propylbenzene	11
Naphthalene	2.6
Toluene	0.24
Xylenes, Total	42

C4-PB	
Depth	Value
15.0-15.5	
COC	
1,2,4-TMB	3.6
1,3,5-TMB	1.2
Benzene	ND
Ethybenzene	ND
n-Propylbenzene	0.43
Naphthalene	0.36
Toluene	0.33
Xylenes, Total	7.2

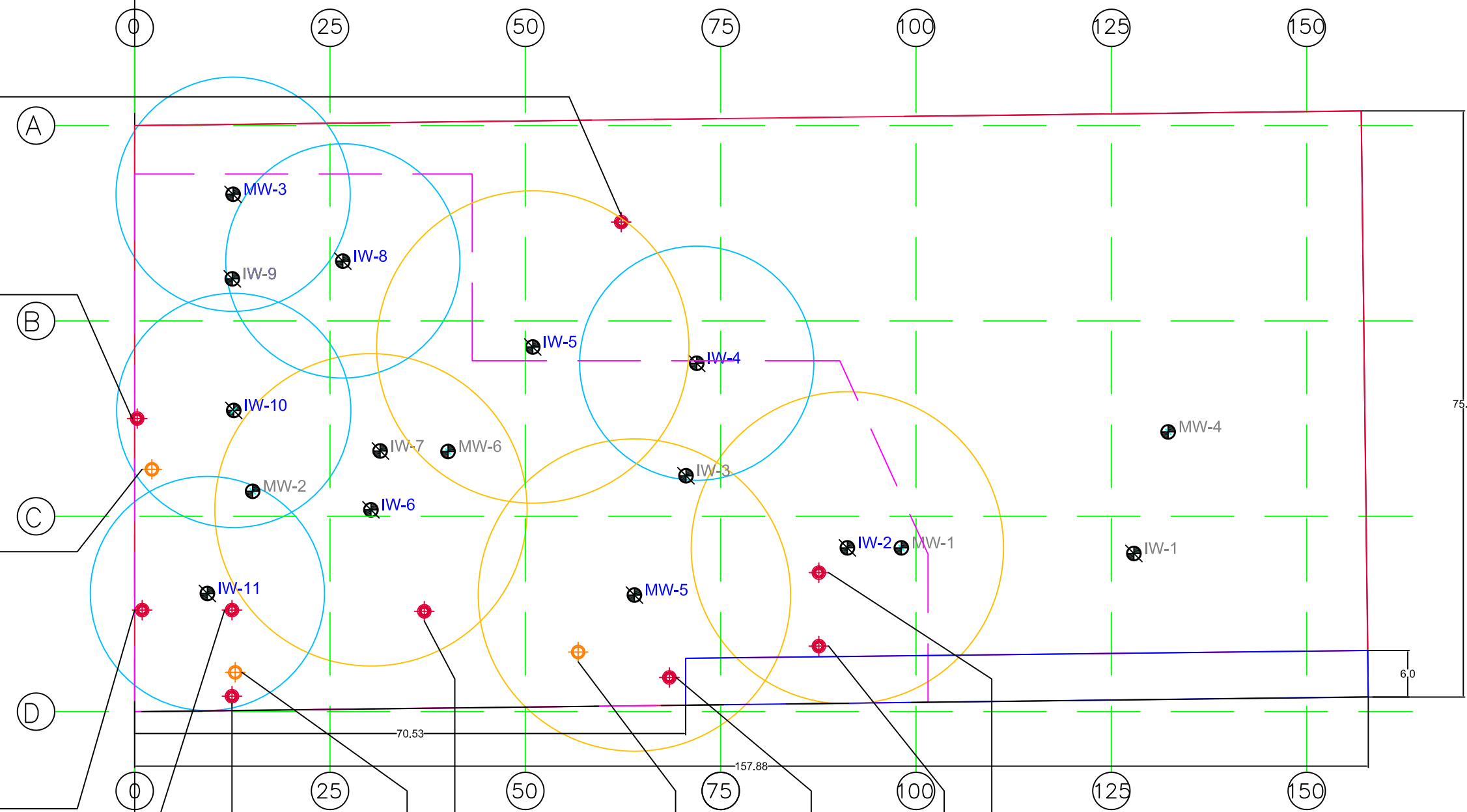
C1-PB	
Depth	Value
15.0-15.5	
COC	
1,2,4-TMB	67
1,3,5-TMB	21
Benzene	1.6
Ethybenzene	48
n-Propylbenzene	11
Naphthalene	9.3
Toluene	61
Xylenes, Total	260

SB-18	
Depth	Value
17.5-18	
COC	
1,2,4-TMB	420
1,3,5-TMB	120
Benzene	54
Ethybenzene	360
n-Propylbenzene	66
Naphthalene	56
Toluene	810
Xylenes, Total	1700

SB-16	
Depth	Value
17.5-18	
COC	
1,2,4-TMB	190
1,3,5-TMB	59
Benzene	1.9
Ethybenzene	110
n-Propylbenzene	33
Naphthalene	20
Toluene	46
Xylenes, Total	570

C4-SW-S	
Depth	Value
14.5-15.0	
COC	
1,2,4-TMB	4.7
1,3,5-TMB	1.5
Benzene	ND
Ethybenzene	0.98
n-Propylbenzene	0.40
Naphthalene	0.46
Toluene	0.24
Xylenes, Total	7

BROADWAY



**LEGEND:**

- Boundary Line
- Completed Excavation Area to 15 ft bgs
- Completed Excavation Area to 6 ft bgs
- Permanent Monitoring Well
- Injection Well
- RI Soil Boring (February 2020)
- Post-Excavation Soil Sample Location
- Medium Volume (15-foot ROI) Injection Location
- High Volume (20-foot ROI) Injection Location
- Approximate Groundwater Treatment Area based on the Groundwater Treatment Plan dated October 27, 2022

**NOTES:**

- Locations of wells are based on survey prepared by Arek Surveying P.C. ordered by GDI Construction LLC dated 04-28-23.
- Only RI soil boring/post-excavation sample locations which resulted in soil sample results in exceedance of NYSDEC Soil Cleanup Objectives (SCOs) at depths greater than or equal to 15 feet bgs are depicted.
- All sample depths are in feet below ground surface (bgs). Concentrations are in milligrams per kilogram (mg/kg).
- COC - contaminant of concern  
TMB - Trimethylbenzene  
J - Estimated concentration  
ND - Not detected above laboratory MDL  
ROI - Radius of influence

**Yellow Highlight** - Concentration exceeds NYSDEC Protection of Groundwater SCO  
**Orange Highlight** - Concentration exceeds NYSDEC Restricted-Residential SCO

Cleanup Objectives		
COC	NYGWSO	NYRCSO
1,2,4-TMB	3.6	47
1,3,5-TMB	8.4	47
Benzene	0.06	2.9
Ethybenzene	1	30
n-Propylbenzene	3.9	100
Naphthalene	12	100
Toluene	0.7	100
Xylenes, Total	1.6	100

ENGINEER SEAL:

PROJECT OWNER: **M4778 BROADWAY LLC**

PROJECT: **4778 BROADWAY NEW YORK, NEW YORK 10034 BCP No. C231131**

INJECTION WELL LOCATIONS AND ANTICIPATED ROI

FIGURE 4

PROJECT NO: 384736  
DATE: 10/12/2023  
SCALE: AS SHOWN

REVISION LOG:

REV. #	DATE	DESCRIPTION	APPROVED BY
0	10/12/2023	AFTER SMP FIGURE 11	J. MAGGIULLI

APPROXIMATE SCALE IN FEET

0 16 32

RI MW-3				
VOCs				
COC	5/10/23	12/21/23	3/8/24	AWQS
1,2,4-TMB	61	ND	ND	5
1,3,5-TMB	22	ND	ND	5
Acetone	14 J	240	200	50
Benzene	23	0.27 J	10	1
Ethylbenzene	100	ND	5.2	5
n-Propylbenzene	6.6 J	ND	ND	5
Naphthalene	12	ND	ND	10
o-Xylene	81	ND	7.7	5
m,p-Xylenes	280	ND	12	5
Toluene	10 J	ND	43	5

NEWLY CONSTRUCTED 14-STORY MIXED USE  
STRUCTURE  
PARCEL NO. 233-0013

RI MW-1				
COC	5/10/23	12/21/23	3/8/24	AWQS
VOCs				
1,2,4,5-TetraMB	140 J	400	56	5
1,2,4-TMB	3,400	7,200	1,100	5
1,3,5-TMB	900	1,900	350	5
Benzene	150	140	8.8	1
Ethylbenzene	5,000	7,300	800	5
Isopropylbenzene	160 J	290	52	5
n-Butylbenzene	ND	140 J	14 J	5
n-Propylbenzene	410 J	890	130	5
Naphthalene	860	1,500	130	10
o-Xylene	7,400	9,900	1,200	5
m,p-Xylenes	20,000	28,000	3,900	5
sec-Butylbenzene	ND	ND	14 J	5
Toluene	9,200	12,000	940	5

RI MW-6				
COC	5/10/23	12/21/23	3/8/24	AWQS
VOCs				
1,2,4,5-TetraMB	100	82	NS	5
1,2,4-TMB	3,400	2,200	NS	5
1,3,5-TMB	950	520	NS	5
Acetone	100 J	960	NS	50
Benzene	41	37	NS	1
Chloroethane	ND	34 J	NS	5
Ethylbenzene	5,300	3,400	NS	5
Isopropylbenzene	170	110	NS	5
n-Butylbenzene	ND	28 J	NS	5
n-Propylbenzene	480	320	NS	5
Naphthalene	460	400	NS	10
o-Xylene	7,000	3,300	NS	5
m,p-Xylenes	17,000	10,000	NS	5
Toluene	9,400	3,800	NS	5

RI MW-4				
COC	5/10/23	12/21/23	3/8/24	AWQS
VOCs				
Ethylbenzene	29	ND	NS	5
n-Propylbenzene	7.9	ND	NS	5
Naphthalene	11	ND	NS	10
o-Xylene	49	ND	NS	5
p-Isopropyltoluene	11	ND	NS	5
m,p-Xylenes	140	ND	NS	5
Toluene	10	ND	NS	5

RI MW-2				
COC	5/10/23	12/21/23	3/8/24	AWQS
VOCs				
1,2,4,5-TetraMB	8.8 J	140	ND	5
1,2,4-TMB	140	4,200	930	5
1,3,5-TMB	49	1,100	240	5
Acetone	ND	130 J	ND	50
Benzene	49	3,800	1,800	1
Ethylbenzene	180	5,500	1,900	5
Isopropylbenzene	7.2 J	180	ND	5
n-Butylbenzene	ND	52 J	ND	5
n-Propylbenzene	20	520	110 J	5
Naphthalene	16	710	130 J	10
o-Xylene	270	8,000	2,900	5
m,p-Xylenes	620	21,000	7,200	5
Toluene	710	21,000	10,000	5

RI MW-5				
COC	5/10/23	12/21/23	3/8/24	AWQS
VOCs				
1,2,4,5-TetraMB	100	100	ND	5
1,2,4-TMB	1,700	1,200	5.6	5
1,3,5-TMB	580	350	2 J	5
Ethylbenzene	730	420	3.6	5
Isopropylbenzene	73	48	ND	5
n-Butylbenzene	42 J	40	ND	5
sec-Butylbenzene	25 J	19 J	ND	5
n-Propylbenzene	260	180	1.1 J	5
Naphthalene	130	170	ND	10
o-Xylene	1100	650	6.1	5
m,p-Xylenes	3,100	1,800	15	5
Toluene	930	150	2 J	5

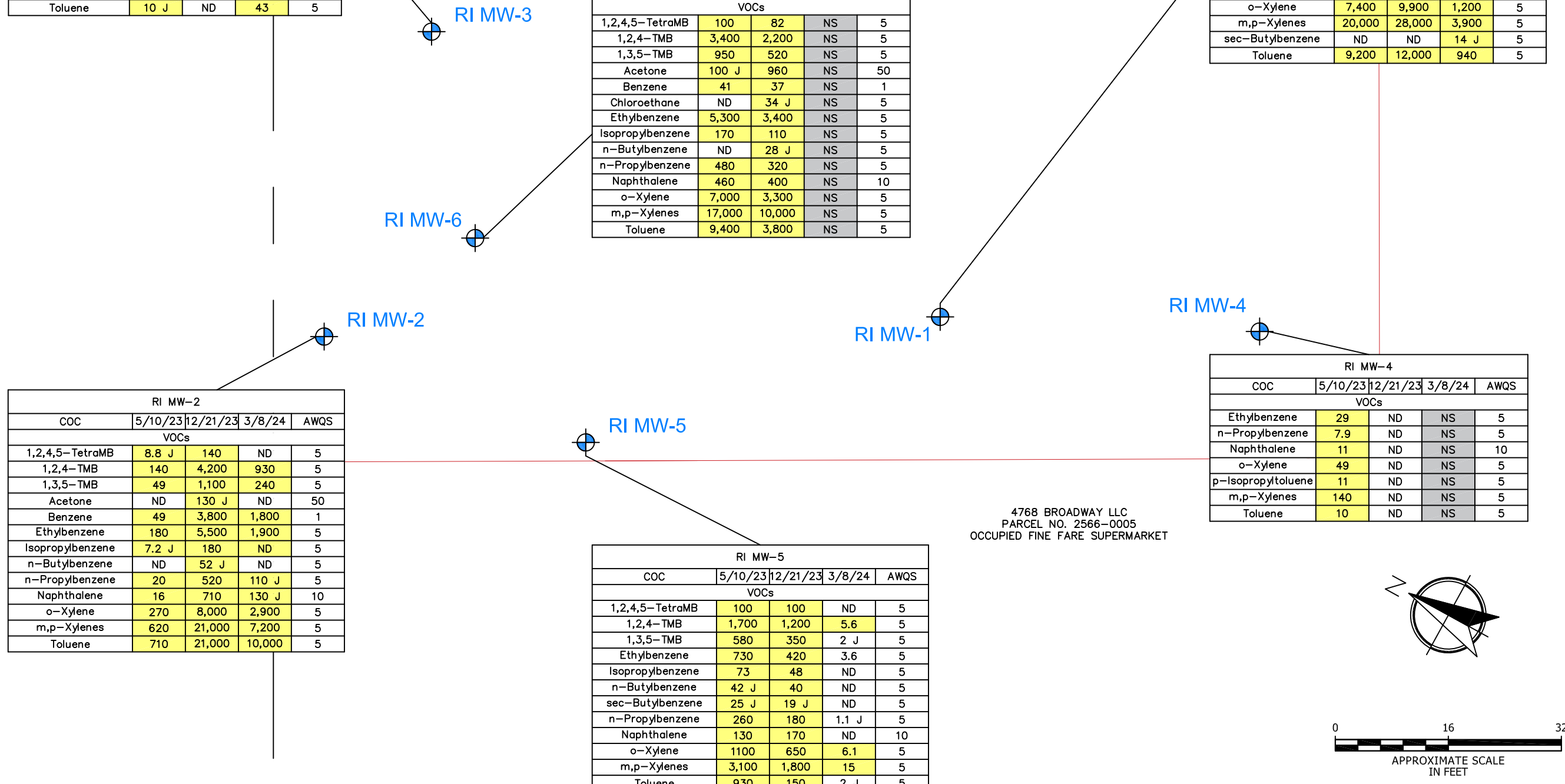
4768 BROADWAY LLC  
PARCEL NO. 2566-0005  
OCCUPIED FINE FARE SUPERMARKET

**LEGEND:**

- Site Boundary
- ⊕ RI Monitoring Well Groundwater Sample Location

**NOTES:**

- All concentrations are in micrograms per liter (µg/L).
  - Within each category of contaminants, only analytes with detected concentrations in excess of NYSDEC AWQS or screening level are shown. Laboratory method detection limit (MDL) may be above the established screening level.
  - COC - contaminant of concern  
AWQS - Ambient Water Quality Standard  
VOCs - Volatile organic compounds  
TetraMB - Tetramethylbenzene  
TMB - Trimethylbenzene  
ND - Not detected above laboratory MDL  
NS - Not sampled  
J - Value is an estimate  
\*Based on finalized Ambient Water Quality Guidance Values by NYSDEC
- Yellow Highlight** - Concentration exceeds NYSDEC AWQS or screening level



ENGINEER SEAL:



PROJECT OWNER:  
**M4778 BROADWAY LLC**

PROJECT:  
**4778 BROADWAY  
NEW YORK, NEW YORK 10034  
BCP No. C231131**

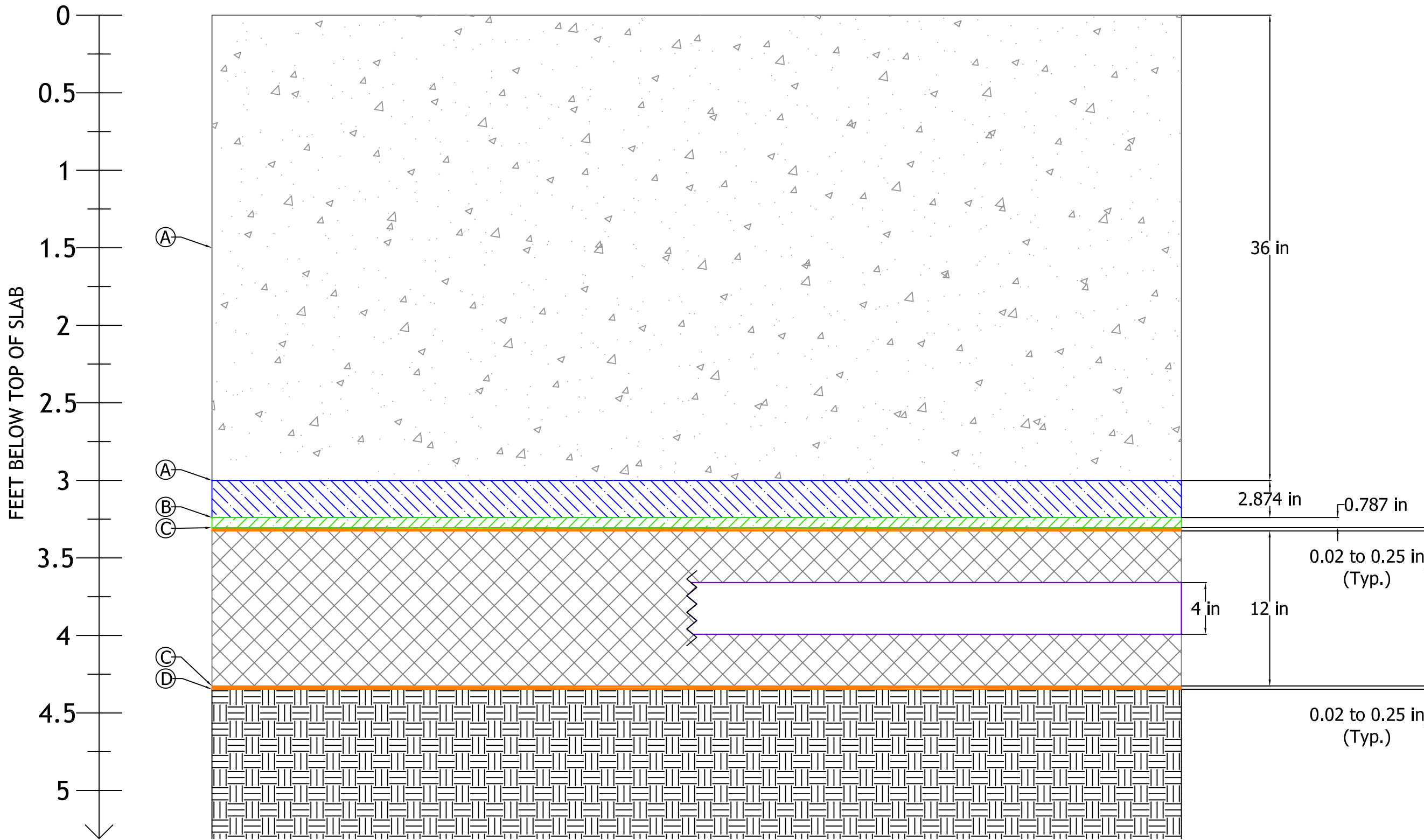
REV. #	DATE	DESCRIPTION	APPROVED BY
0	09/15/2023	AFTER RAWP FIG 6 DATED 3/11/2021	J. MAGGIULLI
1	05/29/2024	UPDATED WITH POST-INJECTION RESULTS	D. GRUPP

**PRE-/POST-INJECTION VOC  
GROUNDWATER  
CONCENTRATIONS MAP**

**FIGURE  
5**

PROJECT NO: 384736  
DATE: 05/29/2024  
SCALE: AS SHOWN  
DRAWN BY: S. MASON  
REVIEWED BY: D. GRUPP

# COVER SYSTEM SIDE VIEW



- LEGEND:**
- Concrete Structural Mat Slab (3 feet)
  - PRECON Moisture Barrier (73 mil)
  - EVOH Perminator Vapor Barrier (20 mil)
  - Nonwoven Geotextile Fabric
  - 3/4-Inch Clean Stone Fill
  - 4-Inch Diameter SSDS Piping
  - Unexcavated Soil

- NOTES:**
1. SSDS piping is present within cover system only where indicated on Figure 6.
  2. Reinforcement/framing is not shown and is indicated by type in notes A-D as specified by the contractor.
  3. Thickness of nonwoven geotextile fabric used in construction may vary. Nonwoven geotextile fabric is shown as 1/4-inch thickness for ease of depiction.

FEET BELOW TOP OF SLAB

- (A) Framing - Steel, Grid Lines 188' - 4 1/4"
- (B) Framing - Steel, Grid Lines 189' - 7 1/4"
- (C) Framing - Steel, Grid Lines 191' - 5 1/4"
- (D) Framing - Steel, Grid Lines 191' - 3/4"

HORIZONTAL NOT TO SCALE  
VERTICAL SCALE AS SHOWN

REVISION LOG:			
REV. #	DATE	DESCRIPTION	APPROVED BY:
0	10/13/2023	BASED ON AS-BUILT FIELD NOTES	J. MAGGIULLI

ENGINEER SEAL:



20 GIBSON PLACE, STE 310  
FREEHOLD, NJ 07728

PROJECT OWNER:  
**M4778 BROADWAY LLC**

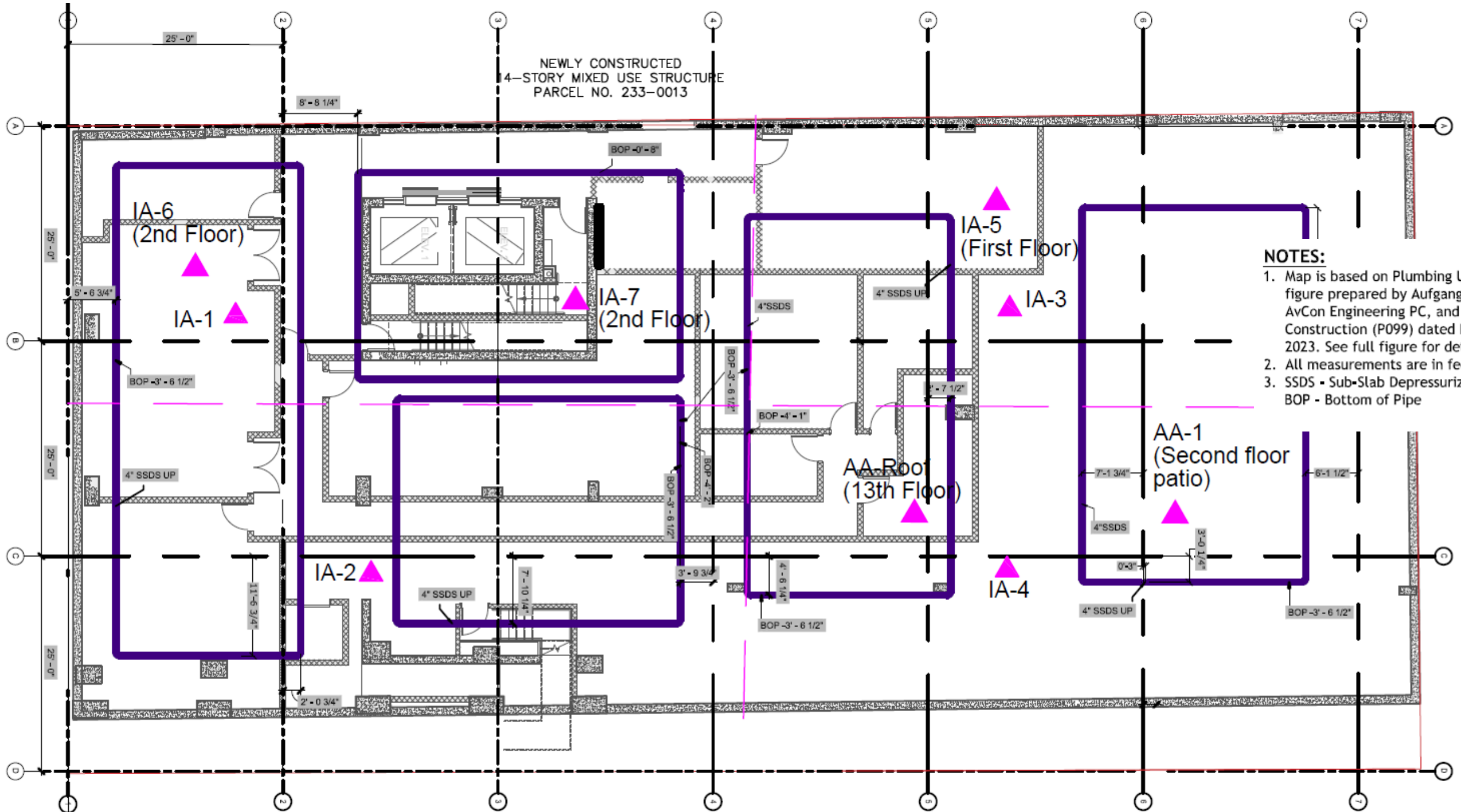
PROJECT:  
**4778 BROADWAY  
NEW YORK, NEW YORK 10034  
BCP No. C231131**

AS-BUILT COVER SYSTEM  
CROSS SECTION

PROJECT NO: 384736  
DATE: 10/13/2023  
SCALE: AS SHOWN

DRAWN BY: S. MASON  
REVIEWED BY: J. MAGGIULLI

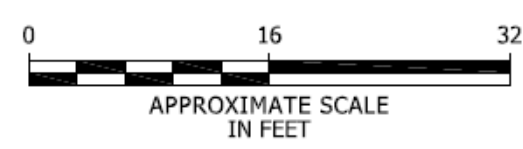
FIGURE  
**6**  
SHEET NUMBER



- NOTES:**
1. Map is based on Plumbing Underground figure prepared by Aufgang Architects, AvCon Engineering PC, and GDI Construction (P099) dated February 7, 2023. See full figure for details.
  2. All measurements are in feet.
  3. SSDS - Sub-Slab Depressurization System  
BOP - Bottom of Pipe

**LEGEND:**

- Boundary Line
- SSDS Piping/Fixtures
- Air Sampling Quadrant Lines
- ▲ Proposed Confirmatory Indoor/Ambient Air Sampling Locations



- Notes:**
1. Map is based on SSDS As-built figure prepared by AEI dated September 19, 2023.
  2. All measurements are in feet.
  3. SSDS = Sub-slab Depressurization System  
BOP = Bottom of Pipe.

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4778 Broadway Manhattan, New York			
<b>Air Sampling Locations</b>			
PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR: M4778 Broadway LLC	
PROJ MGR: ZL	DESIGNED BY: JB	REVIEWED BY: VW	CHECKED BY: VW
DATE: OCTOBER 2024	PROJECT NO: 41.0163310.10	SCALE: 1"=15'	REVISION NO: -
			<b>FIGURE</b> <b>7</b>
			SHEET NO. 1 OF 1

NO.	ISSUE/DESCRIPTION	BY	DATE



## Tables



**Table 1: Applicable Soil Cleanup Objectives (SCOs)  
4778 Broadway, NY, NY**

**BCP Number: C231131**

	<b>NYPGWSCO</b>	<b>NYRRSCO</b>	<b>Units</b>
<b>Semivolatile Organics by GC/MS</b>			
1,2,4,5-Tetrachlorobenzene			mg/kg
1,2,4-Trichlorobenzene			mg/kg
1,2-Dichlorobenzene	1.1	100	mg/kg
1,3-Dichlorobenzene	2.4	49	mg/kg
1,4-Dichlorobenzene	1.8	13	mg/kg
1,4-Dioxane	0.1	13	mg/kg
2,4,5-Trichlorophenol			mg/kg
2,4,6-Trichlorophenol			mg/kg
2,4-Dichlorophenol			mg/kg
2,4-Dimethylphenol			mg/kg
2,4-Dinitrophenol			mg/kg
2,4-Dinitrotoluene			mg/kg
2,6-Dinitrotoluene			mg/kg
2-Chloronaphthalene			mg/kg
2-Chlorophenol			mg/kg
2-Methylnaphthalene			mg/kg
2-Methylphenol	0.33	100	mg/kg
2-Nitroaniline			mg/kg
2-Nitrophenol			mg/kg
3,3'-Dichlorobenzidine			mg/kg
3-Methylphenol/4-Methylphenol	0.33	100	mg/kg
3-Nitroaniline			mg/kg
4,6-Dinitro-o-cresol			mg/kg
4-Bromophenyl phenyl ether			mg/kg
4-Chloroaniline			mg/kg
4-Chlorophenyl phenyl ether			mg/kg
4-Nitroaniline			mg/kg
4-Nitrophenol			mg/kg
Acenaphthene	98	100	mg/kg
Acenaphthylene	107	100	mg/kg
Acetophenone			mg/kg
Anthracene	1000	100	mg/kg
Benzo(a)anthracene	1	1	mg/kg
Benzo(a)pyrene	22	1	mg/kg
Benzo(b)fluoranthene	1.7	1	mg/kg
Benzo(ghi)perylene	1000	100	mg/kg
Benzo(k)fluoranthene	1.7	3.9	mg/kg
Benzoic Acid			mg/kg
Benzyl Alcohol			mg/kg
Biphenyl			mg/kg
Bis(2-chloroethoxy)methane			mg/kg
Bis(2-chloroethyl)ether			mg/kg
Bis(2-chloroisopropyl)ether			mg/kg
Bis(2-ethylhexyl)phthalate			mg/kg
Butyl benzyl phthalate			mg/kg
Carbazole			mg/kg
Chrysene	1	3.9	mg/kg
Di-n-butylphthalate			mg/kg
Di-n-octylphthalate			mg/kg
Dibenzo(a,h)anthracene	1000	0.33	mg/kg
Dibenzofuran	210	59	mg/kg
Diethyl phthalate			mg/kg
Dimethyl phthalate			mg/kg
Fluoranthene	1000	100	mg/kg
Fluorene	386	100	mg/kg
Hexachlorobenzene	3.2	1.2	mg/kg
Hexachlorobutadiene			mg/kg
Hexachlorocyclopentadiene			mg/kg
Hexachloroethane			mg/kg
Indeno(1,2,3-cd)pyrene	8.2	0.5	mg/kg
Isophorone			mg/kg
n-Nitrosodi-n-propylamine			mg/kg

**Table 1: Applicable Soil Cleanup Objectives (SCOs)  
4778 Broadway, NY, NY**

**BCP Number: C231131**

	<b>NYPGWSCO</b>	<b>NYRRSCO</b>	<b>Units</b>
Naphthalene	12	100	mg/kg
NDPA/DPA			mg/kg
Nitrobenzene			mg/kg
p-Chloro-m-cresol			mg/kg
Pentachlorophenol	0.8	6.7	mg/kg
Phenanthrene	1000	100	mg/kg
Phenol	0.33	100	mg/kg
Pyrene	1000	100	mg/kg
<b>Volatile Organics by EPA 5035</b>			
1,1,1,2-Tetrachloroethane			mg/kg
1,1,1-Trichloroethane	0.68	100	mg/kg
1,1,2,2-Tetrachloroethane			mg/kg
1,1,2-Trichloroethane			mg/kg
1,1-Dichloroethane	0.27	26	mg/kg
1,1-Dichloroethene	0.33	100	mg/kg
1,1-Dichloropropene			mg/kg
1,2,3-Trichlorobenzene			mg/kg
1,2,3-Trichloropropane			mg/kg
1,2,4,5-Tetramethylbenzene			mg/kg
1,2,4-Trichlorobenzene			mg/kg
1,2,4-Trimethylbenzene	3.6	52	mg/kg
1,2-Dibromo-3-chloropropane			mg/kg
1,2-Dibromoethane			mg/kg
1,2-Dichlorobenzene	1.1	100	mg/kg
1,2-Dichloroethane	0.02	3.1	mg/kg
1,2-Dichloroethene, Total			mg/kg
1,2-Dichloropropane			mg/kg
1,3,5-Trimethylbenzene	8.4	52	mg/kg
1,3-Dichlorobenzene	2.4	49	mg/kg
1,3-Dichloropropane			mg/kg
1,3-Dichloropropene, Total			mg/kg
1,4-Dichlorobenzene	1.8	13	mg/kg
1,4-Dioxane	0.1	13	mg/kg
2,2-Dichloropropane			mg/kg
2-Butanone	0.12	100	mg/kg
2-Hexanone			mg/kg
4-Methyl-2-pentanone			mg/kg
Acetone	0.05	100	mg/kg
Acrylonitrile			mg/kg
Benzene	0.06	4.8	mg/kg
Bromobenzene			mg/kg
Bromochloromethane			mg/kg
Bromodichloromethane			mg/kg
Bromoform			mg/kg
Bromomethane			mg/kg
Carbon disulfide			mg/kg
Carbon tetrachloride	0.76	2.4	mg/kg
Chlorobenzene	1.1	100	mg/kg
Chloroethane			mg/kg
Chloroform	0.37	49	mg/kg
Chloromethane			mg/kg
cis-1,2-Dichloroethene	0.25	100	mg/kg
cis-1,3-Dichloropropene			mg/kg
Dibromochloromethane			mg/kg
Dibromomethane			mg/kg
Dichlorodifluoromethane			mg/kg
Ethyl ether			mg/kg
Ethylbenzene	1	41	mg/kg
Hexachlorobutadiene			mg/kg
Isopropylbenzene			mg/kg
Methyl tert butyl ether	0.93	100	mg/kg
Methylene chloride	0.05	100	mg/kg
n-Butylbenzene	12	100	mg/kg

**Table 1: Applicable Soil Cleanup Objectives (SCOs)  
4778 Broadway, NY, NY**

**BCP Number: C231131**

	<b>NYPGWSCO</b>	<b>NYRRSCO</b>	<b>Units</b>
n-Propylbenzene	3.9	100	mg/kg
Naphthalene	12	100	mg/kg
o-Chlorotoluene			mg/kg
o-Xylene			mg/kg
p-Chlorotoluene			mg/kg
p-Diethylbenzene			mg/kg
p-Ethyltoluene			mg/kg
p-Isopropyltoluene			mg/kg
p/m-Xylene			mg/kg
sec-Butylbenzene	11	100	mg/kg
Styrene			mg/kg
tert-Butylbenzene	5.9	100	mg/kg
Tetrachloroethene	1.3	19	mg/kg
Toluene	0.7	100	mg/kg
trans-1,2-Dichloroethene	0.19	100	mg/kg
trans-1,3-Dichloropropene			mg/kg
trans-1,4-Dichloro-2-butene			mg/kg
Trichloroethene	0.47	21	mg/kg
Trichlorofluoromethane			mg/kg
Vinyl acetate			mg/kg
Vinyl chloride	0.02	0.9	mg/kg
Xylenes, Total	1.6	100	mg/kg

**Notes and Acronyms:**

mg/kg: Milligrams per kilogram

NY-RESGW: New York NYCRR Part 375 Groundwater SCO

NYRRSCO: New York Restricted Residential Use SCO

**Table 2: Soil Disposal Summary Table  
4778 Broadway, NY, NY**

**BCP Number: C231131**

Day	11/2/2022	11/7/2022	11/9/2022	11/10/2022	11/11/2022	11/14/2022	12/13/2022	12/14/2022	12/15/2022	12/16/2022	12/20/2022	12/27/2022	1/4/2023
Number of loads 1	14.36	24.48	34.38	34.81	37.27	32.89	32.34	34.26	35.68	27.26	34.72	30.33	36.8
2	25.35	23.79	34.44	35.07		34.21	28.77	35.85	33.77		30.06	27.66	29.91
3	31.18		34.57	33.99		36.7	29.55	32.75	33.53		35.07	23.61	36.71
4	29.68		33.53	34.94		33.36	30.34	28.25	36.68		36.65	33.77	29.41
5	31.44		34.70	31.94		35.57	32.96	31.08	31.68		33.54	27.17	30.75
6	27.27		32.57	32.94		34.79	33.86	30.89	33.52		32.17	31.31	34
7	28.56		34.06	32.92		35.11		30.77	34.2		32.75		29.6
8			33.71	33.78		35.5			33.08		37.07		29.97
9			33.00	33.32		32.96			35.1		34.21		31.67
10			32.45	35.96		35.28			31.72		36.14		
11			34.01	33.79					32.39		36.88		
12			29.92	34.87					36.39		35.07		
13			36.02	30.53					30.77		31.45		
14			32.80	33.3					33.19		34.2		
15			33.90	30.27					37.74		33.62		
16			32.65	34.54					35.89				
17			33.45	35.58					34.66				
18			31.87						38.19				
19			35.72						35.05				
20			34.34						32.03				
21			34.26						36.83				
22									30.4				
23									34.06				
24									36.36				
25									34.35				
26									31.35				
27									32.62				
<b>Total loads /day (Capital)</b>	1	2	21	17	1	10		3	27	1	15		3
<b>Total loads /day (Clean Earth)</b>	6						6	4				6	6
<b>Total Tons/ day (Capital)</b>	14.36	48.27	706.35	572.55	37.27	346.37		223.85	921.23	27.26			103.42
<b>Total Tons/ day (Clean Earth)</b>	173.48						187.82	120.99			513.6	173.85	190.38

Notes:

\*\*All Quantities in Tons or loads as specified \*\*

Loads to Clean Earth, 24 Middlesex Avenue, Carteret NJ

Loads to VIP Capital Development, 1 Capital Blvd, East Bangor PA

**Table 2: Soil Disposal Summary Table  
4778 Broadway, NY, NY**

**BCP Number: C231131**

Day	1/5/2023	1/6/2023	1/9/2023	1/10/2023	1/11/2023	1/16/2023	1/23/2023	1/26/2023	1/31/2023	2/6/2023	2/14/2023	2/16/2023	2/15/2023	2/24/2023
Number of loads 1	35.79	27.61	35.09	36.88	31.83	30.21	35.08	34.02	36.52	33.83	35.54	28.52	28.11	33.54
2	33.63	29.94	33.45	34.66	31.15	33.28	33.93	29.06	32.25	35.79	35.02	33.03	31.31	32.42
3	38.62	32.34	37.23	36.98	33.62	33.25	34.88	31.82	35.3	34.62	33.08	31.14	31.94	32.03
4	35.37	34.12	36.55	35.24	28.83	33.34	37.04		31.99	32	34.04	25.89	25.41	34.51
5	32.63	33.52	32.31	35.71	32.16	32.57	32.24		34	34.29	35.59	30.88	31.61	31.53
6	34.03	37.88	33.98	35.67	31.48	33.18	36.35		31.98	35.38	34.59	32.59	29.68	34.58
7	34.46	38.67			30.08	34.94	35.68		29.12	33.97	38.93	30.78	31.38	36.57
8	35.35	32.95			31.5	34.29	33.15		31.31	33.8	29.94	34.38	33.09	33.5
9	33.49	36.85			28.07	34.17	33.8		34.4	32.96	31.89		34.39	33.88
10	36.36	30.99			28.27	35.74	36.13				31.13		34.52	
11	35.93	35.51			28.59	33.81					33.01		32.19	
12	34.02	32.01			30.82	33.78					35.17		33.15	
13	40.33	32.31				33.86							29.14	
14	36.25	31.33				34.17								
15	32.25	31.91				30.76								
16	36.96	31.19				34.75								
17	35.68	36.31												
18	30.68													
19	34.93													
20	34.31													
21														
22														
23														
24														
25														
26														
27														
<b>Total loads /day (Capital)</b>	20	17	6	6		16	12			9	12			
<b>Total loads /day (Clean Earth)</b>					12			3	9			8	13	9
<b>Total Tons/ day (Capital)</b>	701.07	565.44	208.61	215.14		536.1	348.28			306.64	407.93			
<b>Total Tons/ day (Clean Earth)</b>					122.55			94.9	296.87			247.21	405.92	302.56

Notes:

\*\*All Quantities in Tons or load

Loads to Clean Earth, 24 Middle

Loads to VIP Capital Developm

**Table 2: Soil Disposal Summary Table  
4778 Broadway, NY, NY**

**BCP Number: C231131**

Day	2/27/2023	3/1/2023	3/2/2023	3/3/2023	3/6/2023	3/7/2023	3/8/2023	3/27/2023	3/28/2023	3/29/2023	3/30/2023	3/31/2023	
Number of loads 1	30.97	35.18	33.64	32.59	34.36	34.96	36.29	18.03	17.3	19.06	21.33	15.58	
2	31.48	32.81	35.98	30.44	35.4	36.13	34.3	15.36	14.72				
3	34.82	36.17	34.1	34.42		36.21							
4	32	32.52	35.52	29.67									
5	32.38	31.04	33.07	29.14									
6	34.8			29.62									
7	33.26			35.12									
8	31.27												
9	35.68												
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													
21													
22													
23													
24													
25													
26													
27													
													Grand Total loads
Total loads /day (Capital)													198
Total loads /day (Clean Earth)	9	5	5	7	2	3	2	2	2	1	1	1	116
													Grand Total tons
Total Tons/ day (Capital)													6275.78
Total Tons/ day (Clean Earth)	296.66	167.72	172.31	221	69.76	107.3	70.59	33.39	32.02	19.06	21.33	15.58	3883.37

Notes:

\*\*All Quantities in Tons or load

Loads to Clean Earth, 24 Middle

Loads to VIP Capital Developme

**Table 3: Post Excavation Soil Sample Results Summary**  
**4778 Broadway, NY, NY**  
**BCP Number: C231131**

SAMPLE LOCATION				C1-SW-S	C2-SW-E	C2-SW-S	A5-PB	A6-PB	A6-SW-E	A6-SW-N	B5-PB	B6-PB	B6-SW-E	C5-PB	C5-SW-S	C6-PB
SAMPLING DATE				1/5/2023	1/5/2023	1/5/2023	1/16/2023	1/16/2023	1/16/2023	1/16/2023	1/16/2023	1/16/2023	1/16/2023	1/18/2023	1/18/2023	1/18/2023
SAMPLE DEPTH (ft.)				14.5.15.0	14.5.15.0	14.5.15.0	15.0-15.5	15.0-15.5	14.5.15.0	14.5.15.0	15.0-15.5	15.0-15.5	14.5.15.0	15.0-15.5	14.5.15.0	15.0-15.5
				Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results
Semivolatile Organics by GC/MS																
1,2,4,5-Tetrachlorobenzene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1.1	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2.4	49	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1.8	13	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	0.1	13	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene			mg/kg	1.9	2.1	0.75	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylphenol	0.33	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Methylphenol/4-Methylphenol	0.33	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-o-cresol			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenyl ether			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	98	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	107	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetophenone			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	1000	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	1	1	mg/kg	ND	ND	ND	0.038 (J)	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	22	1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	1.7	1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(ghi)perylene	1000	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	1.7	3.9	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic Acid			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzyl Alcohol			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Biphenyl			mg/kg	ND	0.06 (J)	0.024 (J)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate			mg/kg	ND	ND	ND	ND	ND	0.1 (J)	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	1	3.9	mg/kg	ND	ND	ND	0.083 (J)	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octylphthalate			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	1000	0.33	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	210	59	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	1000	100	mg/kg	ND	ND	ND	0.028 (J)	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	386	100	mg/kg	ND	0.032 (J)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	3.2	1.2	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND



**Table 3: Post Excavation Soil Sample Results Summary  
4778 Broadway, NY, NY**

**BCP Number: C231131**

SAMPLE LOCATION				C1-SW-S	C2-SW-E	C2-SW-S	A5-PB	A6-PB	A6-SW-E	A6-SW-N	B5-PB	B6-PB	B6-SW-E	C5-PB	C5-SW-S	C6-PB
SAMPLING DATE				1/5/2023	1/5/2023	1/5/2023	1/16/2023	1/16/2023	1/16/2023	1/16/2023	1/16/2023	1/16/2023	1/16/2023	1/18/2023	1/18/2023	1/18/2023
SAMPLE DEPTH (ft.)				14.5-15.0	14.5-15.0	14.5-15.0	15.0-15.5	15.0-15.5	14.5-15.0	14.5-15.0	15.0-15.5	15.0-15.5	14.5-15.0	15.0-15.5	14.5-15.0	15.0-15.5
	NYPGWSCO	NYRRSCO	Units	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results
Hexachlorocyclopentadiene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	8.2	0.5	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodi-n-propylamine			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	12	100	mg/kg	1.4	0.57	0.1 (J)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NDPA/DPA			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Chloro-m-cresol			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	0.8	6.7	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	1000	100	mg/kg	ND	0.05 (J)	ND	0.059 (J)	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	0.33	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	1000	100	mg/kg	ND	ND	ND	0.07 (J)	ND	ND	ND	ND	ND	ND	ND	ND	ND
<b>Volatile Organics by EPA 5035</b>																
1,1,1,2-Tetrachloroethane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.68	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.27	26	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.33	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4,5-Tetramethylbenzene			mg/kg	2.1	5.8	0.72	0.00048 (J)	ND	ND	ND	0.00094 (J)	ND	ND	0.026	0.00028 (J)	ND
1,2,4-Trichlorobenzene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3.6	52	mg/kg	13	63	3.5	ND	ND	ND	ND	ND	ND	ND	0.0019	0.0018 (J)	ND
1,2-Dibromo-3-chloropropane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1.1	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.02	3.1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethene, Total			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8.4	52	mg/kg	4.9	17	0.97	0.00023 (J)	ND	ND	ND	0.00047 (J)	ND	ND	0.031	0.00058 (J)	ND
1,3-Dichlorobenzene	2.4	49	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropene, Total			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1.8	13	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	0.1	13	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	0.12	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	0.05	100	mg/kg	ND	ND	ND	0.0084 (J)	ND	0.012	ND	0.014	0.007 (J)	ND	ND	ND	ND
Acrylonitrile			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.06	4.8	mg/kg	0.034 (J)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromobenzene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.76	2.4	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1.1	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	0.37	49	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.25	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

**Table 3: Post Excavation Soil Sample Results Summary  
4778 Broadway, NY, NY**

**BCP Number: C231131**

SAMPLE LOCATION				C1-SW-S	C2-SW-E	C2-SW-S	A5-PB	A6-PB	A6-SW-E	A6-SW-N	B5-PB	B6-PB	B6-SW-E	C5-PB	C5-SW-S	C6-PB
SAMPLING DATE				1/5/2023	1/5/2023	1/5/2023	1/16/2023	1/16/2023	1/16/2023	1/16/2023	1/16/2023	1/16/2023	1/16/2023	1/18/2023	1/18/2023	1/18/2023
SAMPLER DEPTH (ft.)				14.5-15.0	14.5-15.0	14.5-15.0	15.0-15.5	15.0-15.5	14.5-15.0	14.5-15.0	15.0-15.5	15.0-15.5	14.5-15.0	15.0-15.5	14.5-15.0	15.0-15.5
	NYPGWSCO	NYRRSCO	Units	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results
Dibromochloromethane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl ether			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	1	41	mg/kg	3.5	13	0.2	0.00016 (J)	ND	0.00034 (J)	ND	0.00026 (J)	ND	0.0003 (J)	0.00016 (J)	0.00034 (J)	ND
Hexachlorobutadiene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene			mg/kg	0.56	2.7	0.14	ND	ND	ND	ND	ND	ND	ND	0.00021 (J)	ND	ND
Methyl tert butyl ether	0.93	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	0.05	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	12	100	mg/kg	0.88	3.5	0.33	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	3.9	100	mg/kg	2.1	11	0.56	ND	ND	ND	ND	ND	ND	ND	0.00022 (J)	0.0002 (J)	ND
Naphthalene	12	100	mg/kg	1.9	2.6	0.18 (J)	ND	ND	ND	ND	0.0031 (J)	ND	ND	0.0018 (J)	0.00076 (J)	ND
o-Chlorotoluene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene			mg/kg	1.9	0.54	0.03 (J)	ND	ND	0.00044 (J)	ND	0.0022	ND	0.00044 (J)	0.012	0.00055 (J)	ND
p-Chlorotoluene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Diethylbenzene			mg/kg	0.64	2.4	0.21	ND	ND	ND	ND	ND	ND	ND	0.0047	ND	ND
p-Ethyltoluene			mg/kg	11	56	2.1	ND	ND	ND	ND	0.00044 (J)	ND	ND	0.013	0.001 (J)	ND
p-Isopropyltoluene			mg/kg	0.28	0.74	0.099	ND	ND	ND	ND	ND	ND	ND	0.0024	ND	ND
p/m-Xylene			mg/kg	12	41	0.77	ND	ND	0.0014 (J)	ND	0.0011 (J)	ND	0.0013 (J)	0.0032	0.0016 (J)	ND
sec-Butylbenzene	11	100	mg/kg	0.34	1.5	0.16	ND	ND	ND	ND	ND	ND	ND	0.00058 (J)	ND	ND
Styrene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	5.9	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0002 (J)	ND	ND
Tetrachloroethene	1.3	19	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	0.7	100	mg/kg	0.075 (J)	0.24	ND	ND	0.0059	0.021	ND	ND	0.0013	0.036	ND	ND	ND
trans-1,2-Dichloroethene	0.19	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,4-Dichloro-2-butene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	0.47	21	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.02	0.9	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	1.6	100	mg/kg	14	42	0.8 (J)	ND	ND	0.0018 (J)	ND	0.0033 (J)	ND	0.0017 (J)	0.015	0.0022 (J)	ND

**Notes and Acronyms:**

mg/kg: Milligrams per kilogram

ND: Non-Detect

J: Estimated value

NY-RESGW: New York NYCRR Part 375 Groundwater

NYRRSCO: New York Restricted Residential Use Soil Cleanup Objectives per Subpart 375

Highlight: exceeds one or more respective criteria

**Table 3: Post Excavation Soil Sample Results Summary  
4778 Broadway, NY, NY**

**BCP Number: C231131**

SAMPLE LOCATION			C6-SW-E	C6-SW-S	A4-PB	B4-PB	C4-SW-S	C4-PB	A3-PB	B3-PB	C3-PB	C3-SW-S	A1-PB	A1-SW-W	A2-PB
SAMPLING DATE			1/18/2023	1/18/2023	2/2/2023	2/2/2023	2/2/2023	2/2/2023	2/27/2023	2/27/2023	2/27/2023	2/27/2023	3/2/2023	3/2/2023	3/2/2023
SAMPLE DEPTH (ft.)			14.5.15.0	14.5.15.0	15.0-15.5	15.0-15.5	14.5.15.0	15.0-15.5	15.0-15.5	15.0-15.5	15.0-15.5	14.5.15.0	15.0-15.5	14.5.15.0	15.0-15.5
			NYPGWSCO	NYRRSCO	Units	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results
<b>Semivolatile Organics by GC/MS</b>															
1,2,4,5-Tetrachlorobenzene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1.1	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2.4	49	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1.8	13	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	0.1	13	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene			mg/kg	ND	ND	ND	ND	0.14 (J)	0.17 (J)	ND	ND	ND	ND	ND	ND
2-Methylphenol	0.33	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Methylphenol/4-Methylphenol	0.33	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-o-cresol			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenyl ether			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	98	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	107	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetophenone			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	1000	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	1	1	mg/kg	ND	ND	ND	ND	ND	ND	0.027 (J)	0.026 (J)	ND	ND	ND	0.035 J
Benzo(a)pyrene	22	1	mg/kg	ND	ND	ND	ND	ND	0.038 (J)	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	1.7	1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.041 J
Benzo(ghi)perylene	1000	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	1.7	3.9	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzoic Acid			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzyl Alcohol			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Biphenyl			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Butyl benzyl phthalate			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	1	3.9	mg/kg	ND	ND	ND	ND	ND	0.039 (J)	0.028 (J)	0.024 (J)	ND	ND	ND	0.033 J
Di-n-butylphthalate			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octylphthalate			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	1000	0.33	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	210	59	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Diethyl phthalate			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	1000	100	mg/kg	ND	ND	ND	ND	ND	0.048 (J)	ND	ND	ND	ND	ND	0.081 J
Fluorene	386	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	3.2	1.2	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

**Table 3: Post Excavation Soil Sample Results Summary**  
**4778 Broadway, NY, NY**

**BCP Number: C231131**

SAMPLE LOCATION				C6-SW-E	C6-SW-S	A4-PB	B4-PB	C4-SW-S	C4-PB	A3-PB	B3-PB	C3-PB	C3-SW-S	A1-PB	A1-SW-W	A2-PB
SAMPLING DATE				1/18/2023	1/18/2023	2/2/2023	2/2/2023	2/2/2023	2/2/2023	2/27/2023	2/27/2023	2/27/2023	2/27/2023	3/2/2023	3/2/2023	3/2/2023
SAMPLE DEPTH (ft.)				14.5.15.0	14.5.15.0	15.0-15.5	15.0-15.5	14.5.15.0	15.0-15.5	15.0-15.5	15.0-15.5	15.0-15.5	14.5.15.0	15.0-15.5	14.5.15.0	15.0-15.5
	NYPGWSCO	NYRRSCO	Units	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results
Hexachlorocyclopentadiene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	8.2	0.5	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Nitrosodi-n-propylamine			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	12	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
NDPA/DPA			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Chloro-m-cresol			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	0.8	6.7	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	1000	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.048 J
Phenol	0.33	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	1000	100	mg/kg	ND	ND	ND	ND	ND	ND	0.059 J	0.028 J	0.026 J	ND	ND	ND	0.066 J
<b>Volatile Organics by EPA 5035</b>																
1,1,1,2-Tetrachloroethane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	0.68	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	0.27	26	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	0.33	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4,5-Tetramethylbenzene			mg/kg	0.00057 (J)	ND	ND	0.00034 (J)	0.63	0.44	0.78	ND	ND	ND	0.00091 J	0.011	0.0085
1,2,4-Trichlorobenzene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	3.6	52	mg/kg	0.00087 (J)	ND	ND	ND	4.7	3.6	3.9	ND	ND	ND	0.0021	0.33	0.044
1,2-Dibromo-3-chloropropane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1.1	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	0.02	3.1	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethene, Total			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	8.4	52	mg/kg	0.00095 (J)	ND	ND	0.00041 (J)	1.5	1.2	1.4	ND	ND	ND	0.0024	0.068	0.0064
1,3-Dichlorobenzene	2.4	49	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropene, Total			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1.8	13	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	0.1	13	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	0.12	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	0.05	100	mg/kg	ND	0.012	ND	ND	ND	ND	ND	0.026	0.0074 J	ND	0.0061 J	0.0076 J	0.051
Acrylonitrile			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	0.06	4.8	mg/kg	ND	ND	ND	ND	ND	ND	0.039	ND	ND	ND	0.00026 J	0.0023	0.0062
Bromobenzene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane			mg/kg	ND	ND	ND	ND	ND	ND	0.055 J	ND	ND	ND	ND	ND	ND
Carbon disulfide			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	0.76	2.4	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1.1	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	0.37	49	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00028 J	ND	ND
Chloromethane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	0.25	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

**Table 3: Post Excavation Soil Sample Results Summary  
4778 Broadway, NY, NY**

**BCP Number: C231131**

SAMPLE LOCATION				C6-SW-E	C6-SW-S	A4-PB	B4-PB	C4-SW-S	C4-PB	A3-PB	B3-PB	C3-PB	C3-SW-S	A1-PB	A1-SW-W	A2-PB
SAMPLING DATE				1/18/2023	1/18/2023	2/2/2023	2/2/2023	2/2/2023	2/2/2023	2/27/2023	2/27/2023	2/27/2023	2/27/2023	3/2/2023	3/2/2023	3/2/2023
SAMPLE DEPTH (ft.)				14.5-15.0	14.5-15.0	15.0-15.5	15.0-15.5	14.5-15.0	15.0-15.5	15.0-15.5	15.0-15.5	15.0-15.5	14.5-15.0	15.0-15.5	14.5-15.0	15.0-15.5
	NYPGWSO	NYRRSCO	Units	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results
Dibromochloromethane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl ether			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	1	41	mg/kg	ND	ND	ND	ND	0.98	1	1.5	ND	ND	ND	0.0011	0.31	0.15
Hexachlorobutadiene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene			mg/kg	ND	ND	ND	ND	0.13	0.13	0.14	ND	ND	ND	0.00012 J	0.029	0.025
Methyl tert butyl ether	0.93	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00042 J
Methylene chloride	0.05	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	12	100	mg/kg	ND	ND	ND	ND	0.18	0.2	0.17	ND	ND	ND	ND	0.0031	0.0021
n-Propylbenzene	3.9	100	mg/kg	0.00018 (J)	ND	ND	ND	0.4	0.43	0.41	ND	ND	ND	0.00032 J	0.056	0.035
Naphthalene	12	100	mg/kg	ND	ND	ND	ND	0.46	0.36	0.52	ND	ND	ND	ND	0.079	0.0011 J
o-Chlorotoluene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene			mg/kg	ND	ND	ND	ND	1.7	1.8	2.8	ND	ND	ND	0.0028	0.0081	0.016
p-Chlorotoluene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Diethylbenzene			mg/kg	ND	ND	0.0002 (J)	0.00075 (J)	1.9	1.4	2.2	ND	ND	0.00036 J	ND	0.0028	0.0043
p-Ethyltoluene			mg/kg	0.0005 (J)	ND	ND	0.0004 (J)	3.2	2.6	3.4	ND	ND	ND	0.0036	0.088	0.066
p-Isopropyltoluene			mg/kg	0.0001 (J)	ND	ND	ND	0.07	0.056 (J)	0.082	ND	ND	ND	0.00011 J	0.0026	0.0017
p/m-Xylene			mg/kg	ND	ND	ND	ND	5.3	5.4	7.2	ND	ND	ND	0.004	0.31	0.1
sec-Butylbenzene	11	100	mg/kg	0.00012 (J)	ND	ND	ND	0.083	0.074	0.08	ND	ND	ND	ND	0.0031	0.0029
Styrene			mg/kg	ND	ND	ND	ND	0.0097 (J)	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	5.9	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.00039 J	0.00034 J
Tetrachloroethene	1.3	19	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	0.7	100	mg/kg	0.00048 (J)	0.00072 (J)	ND	ND	0.24	0.33	2.1	ND	ND	ND	0.0025	0.019	0.0028
trans-1,2-Dichloroethene	0.19	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,4-Dichloro-2-butene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	0.47	21	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.02	0.9	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	1.6	100	mg/kg	ND	ND	ND	ND	7	7.2	10	ND	ND	ND	0.0068	0.32	0.12

**Notes and Acronyms:**

mg/kg: Milligrams per kilogram

ND: Non-Detect

J: Estimated value

NY-RESGW: New York NYCRR Part 375 Groundwater

NYRRSCO: New York Restricted Residential Use Soil Cleanup Objectives

Highlight: exceeds one or more respective criteria

**Table 3: Post Excavation Soil Sample Results Summary  
4778 Broadway, NY, NY**

**BCP Number: C231131**

SAMPLE LOCATION			B1-PB	B1-SW-W	B2-PB	C2-PB	C1-PB	C1-SW-W	C3-PB-S	C3-SW-S	C4-PB-S	C4-SW-S	C5-PB-S	C5-SW-S	C6-PB-S	C6-SW-S
SAMPLING DATE			3/2/2023	3/2/2023	3/2/2023	3/2/2023	3/6/2023	3/6/2023	4/3/2023	4/3/2023	4/3/2023	4/3/2023	4/3/2023	4/3/2023	4/3/2023	4/3/2023
SAMPLE DEPTH (ft.)			15.0-15.5	14.5.15.0	15.0-15.5	15.0-15.5	15.0-15.5	14.5.15.0	6.0-6.5	10.0-10.5	6.0-6.5	10.0-10.5	6.0-6.5	10.0-10.5	6.0-6.5	10.0-10.5
Semivolatile Organics by GC/MS			NYPGWSCO	NYRRSCO	Units	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results
1,2,4,5-Tetrachlorobenzene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1.1	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	2.4	49	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	1.8	13	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	0.1	13	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene			mg/kg	0.84	ND	ND	0.82	3.8	3.6	ND	0.04 (J)	ND	ND	ND	ND	0.033 (J)
2-Methylphenol	0.33	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Methylphenol/4-Methylphenol	0.33	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-o-cresol			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenyl ether			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	98	100	mg/kg	ND	ND	ND	ND	ND	0.03 (J)	ND	0.16	ND	0.045 (J)	ND	ND	0.052 (J)
Acenaphthylene	107	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetophenone			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	1000	100	mg/kg	ND	ND	ND	ND	ND	0.074 (J)	ND	0.33	ND	0.12	ND	ND	0.096 (J)
Benzo(a)anthracene	1	1	mg/kg	ND	ND	ND	ND	ND	0.17	0.055 (J)	0.62	0.056 (J)	0.31	0.093 (J)	0.094 (J)	0.22
Benzo(a)pyrene	22	1	mg/kg	ND	ND	ND	ND	ND	0.15 (J)	0.047 (J)	0.48	0.055 (J)	0.24	0.085 (J)	0.078 (J)	0.2
Benzo(b)fluoranthene	1.7	1	mg/kg	ND	ND	ND	ND	ND	0.18	0.058 (J)	0.58	0.063 (J)	0.3	0.1 (J)	0.1 (J)	0.23
Benzo(ghi)perylene	1000	100	mg/kg	ND	ND	ND	ND	ND	0.098 (J)	0.037 (J)	0.29	0.036 (J)	0.16	0.06 (J)	0.054 (J)	0.13 (J)
Benzo(k)fluoranthene	1.7	3.9	mg/kg	ND	ND	ND	ND	ND	0.069 (J)	ND	0.21	ND	0.11 (J)	0.038 (J)	ND	0.089 (J)
Benzoic Acid			mg/kg	ND	ND	ND	ND	ND	0.26 (J)	0.24 (J)	0.24 (J)	ND	0.24 (J)	0.23 (J)	0.24 (J)	ND
Benzyl Alcohol			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Biphenyl			mg/kg	ND	ND	ND	ND	0.074 J	0.072 J	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.1 (J)	ND	ND
Butyl benzyl phthalate			mg/kg	ND	ND	ND	ND	ND	ND	0.25	ND	ND	ND	ND	ND	ND
Carbazole			mg/kg	ND	ND	ND	ND	ND	0.031 (J)	ND	0.12 (J)	ND	0.036 (J)	ND	ND	0.046 (J)
Chrysene	1	3.9	mg/kg	ND	ND	ND	ND	ND	0.17	0.051 (J)	0.57	0.052 (J)	0.29	0.095 (J)	0.088 (J)	0.23
Di-n-butylphthalate			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-octylphthalate			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzo(a,h)anthracene	1000	0.33	mg/kg	ND	ND	ND	ND	ND	0.023 (J)	ND	0.071 (J)	ND	0.04 (J)	ND	ND	0.03 (J)
Dibenzofuran	210	59	mg/kg	ND	ND	ND	ND	ND	ND	ND	0.085 (J)	ND	0.021 (J)	ND	ND	0.021 (J)
Diethyl phthalate			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dimethyl phthalate			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	1000	100	mg/kg	ND	ND	ND	ND	ND	0.36	0.096 (J)	1.3	0.085 (J)	0.61	0.16	0.18	0.43
Fluorene	386	100	mg/kg	ND	ND	ND	ND	0.033 J	0.033 J	0.031 (J)	ND	0.15 (J)	ND	0.046 (J)	ND	0.039 (J)
Hexachlorobenzene	3.2	1.2	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

**Table 3: Post Excavation Soil Sample Results Summary  
4778 Broadway, NY, NY**

**BCP Number: C231131**

SAMPLE LOCATION				B1-PB	B1-SW-W	B2-PB	C2-PB	C1-PB	C1-SW-W	C3-PB-S	C3-SW-S	C4-PB-S	C4-SW-S	C5-PB-S	C5-SW-S	C6-PB-S	C6-SW-S	
SAMPLING DATE				3/2/2023	3/2/2023	3/2/2023	3/2/2023	3/6/2023	3/6/2023	4/3/2023	4/3/2023	4/3/2023	4/3/2023	4/3/2023	4/3/2023	4/3/2023	4/3/2023	
SAMPLE DEPTH (ft.)				15.0-15.5	14.5.15.0	15.0-15.5	15.0-15.5	15.0-15.5	14.5.15.0	6.0-6.5	10.0-10.5	6.0-6.5	10.0-10.5	6.0-6.5	10.0-10.5	6.0-6.5	10.0-10.5	
		NYPGWSCO	NYRRSCO	Units	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	
Hexachlorocyclopentadiene				mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Hexachloroethane				mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Indeno(1,2,3-cd)pyrene	8.2	0.5		mg/kg	ND	ND	ND	ND	ND	0.1 (J)	0.035 (J)	0.33	0.036 (J)	0.17	0.061 (J)	0.056 (J)	0.13 (J)	
Isophorone				mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
n-Nitrosodi-n-propylamine				mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Naphthalene	12	100		mg/kg	0.8	ND	ND	0.58	4.3	4	ND	0.049 (J)	ND	ND	ND	ND	0.047 (J)	
NDPA/DPA				mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Nitrobenzene				mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
p-Chloro-m-cresol				mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Pentachlorophenol	0.8	6.7		mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Phenanthrene	1000	100		mg/kg	ND	ND	ND	ND	0.035 J	0.035 J	0.29	0.071 (J)	1.3	0.039 (J)	0.49	0.1 (J)	0.11 (J)	0.44
Phenol	0.33	100		mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Pyrene	1000	100		mg/kg	ND	ND	ND	ND	ND	0.31	0.084 (J)	1.1	0.093 (J)	0.52	0.15	0.15	0.42	
<b>Volatile Organics by EPA 5035</b>																		
1,1,1,2-Tetrachloroethane				mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,1,1-Trichloroethane	0.68	100		mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,1,2,2-Tetrachloroethane				mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,1,2-Trichloroethane				mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,1-Dichloroethane	0.27	26		mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,1-Dichloroethene	0.33	100		mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,1-Dichloropropene				mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,2,3-Trichlorobenzene				mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,2,3-Trichloropropane				mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,2,4,5-Tetramethylbenzene				mg/kg	0.65	0.19	0.003	2.3	5.7	11	ND	ND	ND	ND	ND	ND	ND	
1,2,4-Trichlorobenzene				mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,2,4-Trimethylbenzene	3.6	52		mg/kg	2.4	2.1	ND	15	67	120	ND	ND	ND	ND	ND	ND	ND	
1,2-Dibromo-3-chloropropane				mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,2-Dibromoethane				mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,2-Dichlorobenzene	1.1	100		mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,2-Dichloroethane	0.02	3.1		mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,2-Dichloroethene, Total				mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,2-Dichloropropene				mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,3,5-Trimethylbenzene	8.4	52		mg/kg	0.88	0.66	0.0021	6.1	21	32	ND	ND	ND	ND	ND	ND	ND	
1,3-Dichlorobenzene	2.4	49		mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,3-Dichloropropane				mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,3-Dichloropropene, Total				mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,4-Dichlorobenzene	1.8	13		mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
1,4-Dioxane	0.1	13		mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
2,2-Dichloropropane				mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
2-Butanone	0.12	100		mg/kg	ND	ND	0.014	ND	ND	ND	ND	0.015	ND	ND	ND	ND	ND	
2-Hexanone				mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
4-Methyl-2-pentanone				mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Acetone	0.05	100		mg/kg	ND	ND	0.046	ND	ND	ND	ND	0.041	ND	ND	ND	ND	ND	
Acrylonitrile				mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Benzene	0.06	4.8		mg/kg	ND	0.011 J	ND	0.27	1.6	2.4	ND	ND	ND	ND	ND	ND	ND	
Bromobenzene				mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Bromochloromethane				mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Bromodichloromethane				mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Bromoform				mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Bromomethane				mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Carbon disulfide				mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Carbon tetrachloride	0.76	2.4		mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Chlorobenzene	1.1	100		mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Chloroethane				mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Chloroform	0.37	49		mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Chloromethane				mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
cis-1,2-Dichloroethene	0.25	100		mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
cis-1,3-Dichloropropene				mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	

**Table 3: Post Excavation Soil Sample Results Summary  
4778 Broadway, NY, NY**

**BCP Number: C231131**

SAMPLE LOCATION				B1-PB	B1-SW-W	B2-PB	C2-PB	C1-PB	C1-SW-W	C3-PB-S	C3-SW-S	C4-PB-S	C4-SW-S	C5-PB-S	C5-SW-S	C6-PB-S	C6-SW-S
SAMPLING DATE				3/2/2023	3/2/2023	3/2/2023	3/2/2023	3/6/2023	3/6/2023	4/3/2023	4/3/2023	4/3/2023	4/3/2023	4/3/2023	4/3/2023	4/3/2023	4/3/2023
SAMPLE DEPTH (ft.)				15.0-15.5	14.5.15.0	15.0-15.5	15.0-15.5	15.0-15.5	14.5.15.0	6.0-6.5	10.0-10.5	6.0-6.5	10.0-10.5	6.0-6.5	10.0-10.5	6.0-6.5	10.0-10.5
	NYPGWSCO	NYRRSCO	Units	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results	Results
Dibromochloromethane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl ether			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	1	41	mg/kg	0.89	0.72	0.00027	6	48	68	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene			mg/kg	0.24	0.099	ND	1.3	3.2	4.2	ND	ND	ND	ND	ND	ND	ND	ND
Methyl tert butyl ether	0.93	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	0.05	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	12	100	mg/kg	0.37	0.11	ND	1.6	3.3	4.3	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	3.9	100	mg/kg	0.84	0.39	ND	3.8	11	14	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	12	100	mg/kg	0.72	0.27	ND	2.8	9.3	18	ND	ND	ND	ND	ND	ND	ND	ND
o-Chlorotoluene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene			mg/kg	0.2	0.56	0.00077 J	4.1	61	96	ND	ND	ND	ND	ND	ND	ND	ND
p-Chlorotoluene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Diethylbenzene			mg/kg	0.3	0.062 J	0.0059	0.65	1.8		ND	ND	0.00026 (J)	ND	ND	ND	ND	ND
p-Ethyltoluene			mg/kg	1.7	1.8	0.001 J	15	56	90	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene			mg/kg	0.26	0.026 J	0.00019 J	0.63	0.7	1.1	ND	ND	ND	ND	ND	ND	ND	ND
p/m-Xylene			mg/kg	1.4	2.5	0.0005 J	20	200	320	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	11	100	mg/kg	0.17	0.046 J	ND	0.71	1.2	1.7	ND	ND	ND	ND	ND	ND	ND	ND
Styrene			mg/kg	ND	ND	ND	ND	0.13 J	0.19 J	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	5.9	100	mg/kg	0.014 J	ND	ND	0.043 J	0.041 J	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	1.3	19	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	0.7	100	mg/kg	0.036 J	ND	ND	2.7	61	95	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	0.19	100	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,4-Dichloro-2-butene			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	0.47	21	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate			mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.02	0.9	mg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylenes, Total	1.6	100	mg/kg	1.6	3.1	0.0013 J	24	260	420	ND	ND	ND	ND	ND	ND	ND	ND

**Notes and Acronyms:**

mg/kg: Milligrams per kilogram

ND: Non-Detect

J: Estimated value

NY-RESGW: New York NYCRR Part 375 Groundwater

NYRRSCO: New York Restricted Residential Use Soil Cleanup Objectives

Highlight: exceeds one or more respective criteria









Table 4 - Groundwater Monitoring Results Summary Pre and Post Injection  
 4778 Broadway New York, New York 10034  
 BCP# C231131

LOCATION	MWD#	Date		Result		Unit	Depth	Flow
		Pre	Post	Pre	Post			
<b>Groundwater Quality by SDCMS Test</b>								
1.1.1.1.1.1.1.1		5	-0.37	0	0.24	0	1.2	0
1.1.1.1.1.1.1.2		5	0.01	0	0.06	0	1.6	0
1.1.1.1.1.1.1.3		5	0.09	0	0.10	0	1.6	0
1.1.1.1.1.1.1.4		5	0.06	0	0.32	0	1.6	0
1.1.1.1.1.1.1.5		5	0.09	0	0.10	0	1.6	0
1.1.1.1.1.1.1.6		5	-0.16	0	-0.1	0	0.6	0
1.1.1.1.1.1.1.7		5	-0.37	0	-0.3	0	1.2	0
1.1.1.1.1.1.1.8		5	-0.13	0	-0.7	0	0.5	0
1.1.1.1.1.1.1.9		5	0	0	0	0	0	0
1.1.1.1.1.1.1.10		5	-1.5	0	-1.5	0	2.0	0
1.1.1.1.1.1.1.11		5	-0.55	0	-0.5	0	2.1	0
1.1.1.1.1.1.1.12		5	-0.49	0	-0.48	0	1.4	0
1.1.1.1.1.1.1.13		5	-0.57	0	-0.55	0	1.2	0
1.1.1.1.1.1.1.14		5	-0.28	0	-0.3	0	1.0	0
1.1.1.1.1.1.1.15		5	-0.38	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.16		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.17		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.18		5	-0.39	0	-0.39	0	1.4	0
1.1.1.1.1.1.1.19		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.20		5	-0.45	0	-0.45	0	1.2	0
1.1.1.1.1.1.1.21		5	-0.44	0	-0.44	0	1.2	0
1.1.1.1.1.1.1.22		5	-0.43	0	-0.43	0	1.4	0
1.1.1.1.1.1.1.23		5	-0.49	0	-0.49	0	1.2	0
1.1.1.1.1.1.1.24		5	-0.42	0	-0.42	0	1.4	0
1.1.1.1.1.1.1.25		5	-0.49	0	-0.49	0	1.4	0
1.1.1.1.1.1.1.26		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.27		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.28		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.29		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.30		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.31		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.32		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.33		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.34		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.35		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.36		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.37		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.38		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.39		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.40		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.41		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.42		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.43		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.44		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.45		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.46		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.47		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.48		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.49		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.50		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.51		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.52		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.53		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.54		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.55		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.56		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.57		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.58		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.59		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.60		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.61		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.62		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.63		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.64		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.65		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.66		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.67		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.68		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.69		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.70		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.71		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.72		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.73		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.74		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.75		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.76		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.77		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.78		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.79		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.80		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.81		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.82		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.83		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.84		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.85		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.86		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.87		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.88		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.89		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.90		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.91		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.92		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.93		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.94		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.95		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.96		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.97		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.98		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.99		5	-0.4	0	-0.4	0	1.4	0
1.1.1.1.1.1.1.100		5	-0.4	0	-0.4	0	1.4	0

Table 4 - Groundwater Monitoring Results Summary Pre and Post Injection  
 4778 Broadway New York, New York 10034  
 BCP# C231131

LOCATION	NYSDEC TOGS 1.1.1 AWQS GV	MW-1		MW-1		MW-1		MW-4		MW-1		MW-1		MW-2		MW-2		MW-2		MW-2		MW-2		MW-3		MW-3		MW-3		MW-3		MW-3					
SAMPLING DATE		5/10/2023		12/21/2023		3/8/2024		6/7/2024		1/3/2025		1/28/2025		5/10/2023		12/21/2023		3/8/2024		6/7/2024		1/2/2025		1/28/2025		5/10/2023		12/21/2023		3/8/2024		6/7/2024		1/3/2025		1/28/2025	
SAMPLE TYPE		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water			
		Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual		
<b>General Chemistry (ug/L)</b>																																					
Sulfate	250,000	110,000	300,000	NA	1,230,00	2,600,000	NA	85,000	1,500,000	NA	164,000	1,200,000	NA	150,000	3,000,000	NA	1,220,000	4,100,000	NA	1360	U																
TPH, SGT-HEM	--	NA	NA	NA	NA	NA	1240	U	NA	NA	NA	NA	1240	U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
<b>Anions by Ion Chromatography (ug/L)</b>																																					
Sulfate	250,000	NA	NA	NA	NA	7,550,000	NA	NA	NA	NA	NA	NA	15,400,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	36,500,000		

**Table Notes:**  
 NYSDEC New York State Department of Conservation Technical Operational Guide--e Series 1.1.1 Ambient Water Quality Standard and Guide--e Values  
**TOGS 1.1.1** The recording limit exceeds the NYSDEC TOGS 1.1.1 AWQS GV  
**MW** Permanent Monitoring Well  
**ug/L** Results are reported in microgram per liter  
**NA** Not analyzed

Table 4 - Groundwater Monitoring Results Summary Pre and Post Injection  
 4778 Broadway New York, New York 10034  
 BCP# C231131

LOCATION	NYSDEC TOGS 1.1.1 AWQS GV	MW-4		MW-4		MW-4		MW-4		MW-4		MW-5		MW-5		MW-5		MW-5		MW-5		MW-6		MW-6		MW-6		MW-6		MW-6						
SAMPLING DATE		5/10/2023	12/21/2023	6/7/2024	1/3/2025	1/29/2025	5/10/2023	12/21/2023	3/8/2024	6/7/2024	1/2/2025	1/28/2025	5/10/2023	12/21/2023	6/7/2024	1/2/2025	1/28/2025	5/10/2023	12/21/2023	6/7/2024	1/2/2025	1/28/2025	5/10/2023	12/21/2023	6/7/2024	1/2/2025	1/28/2025	5/10/2023	12/21/2023	6/7/2024	1/2/2025	1/28/2025				
SAMPLE TYPE		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water						
		Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual					
<b>General Chemistry (ug/L)</b>																																				
Sulfate	250,000	64,000	180,000	173,000	570,000	NA	69,000	220,000	NA	619,000	560,000	NA	35,000	4,000,000	5,660,000	1,700,000	NA																			
TPH, SGT-HEM	--	NA	NA	NA	NA	1240	U	NA	NA	NA	NA	1240	U	NA	NA	NA	1240	U	NA	NA	NA	NA	1240	U	NA	NA	NA	NA	1240	U						
<b>Anions by Ion Chromatography (ug/L)</b>																																				
Sulfate	250,000	NA	NA	NA	NA	6,940,000	NA	NA	NA	NA	NA	6,100,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29,000,000						



**Table 5 - Confirmatory Indoor/Ambient Air Sample Results Summary**

**4778 Broadway New York, New York 10034**

**BCP# C231131**

SAMPLE LOCATION SAMPLING DATE LABORATORY SAMPLE ID SAMPLE TYPE	NYSDOH-Indoor Air Vapor Concentrations: Matrix A, B, and C, - No Further Action	NYSDOH-Indoor Air Vapor Concentrations: Matrix D,E, and F, - No Further Action	IA-3_11.19.24	IA-4_10.22.24	IA-4_11.19.24	IA-5_10.22.24	IA-5_11.19.24	IA-6_10.22.24	IA-6_11.19.24	IA-7_10.22.24	IA-7_11.19.24	AA-1_10.22.24	AA-1_11.19.24	AA-ROOF_10.22.24	AA-ROOF_11.19.24	11.19.24_DUP			
			L2467893-03	L2461476-04 R1	L2467893-04	L2461476-05 R1	L2467893-05	L2461476-06	L2467893-06	L2461476-07	L2467893-07	L2461476-08	L2467893-08	L2461476-09	L2467893-09	L2467893-10			
			11/19/2024	10/22/2024	11/19/2024	10/22/2024	11/19/2024	10/22/2024	11/19/2024	10/22/2024	11/19/2024	10/22/2024	11/19/2024	10/22/2024	11/19/2024	10/22/2024	11/19/2024	11/19/2024	
	Indoor Air		Indoor Air		Indoor Air		Indoor Air		Indoor Air		Ambient Air		Ambient Air		Ambient Air		Indoor Air		
Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
<b>Volatiles in Air by TO-15 (ug/m3)</b>																			
1,1,1-Trichloroethane	10	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	1	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	--	10	ND	ND	ND	1.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	--	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Butadiene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dioxane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	--	10	ND	1.66	ND	1.93	ND	1.16	ND	1.35	ND	1.53	ND	0.986	ND	ND	ND	ND	ND
2-Butanone	--	--	16.1	1.79	ND	1.9	ND	2	ND	1.64	ND	1.87	3.69	1.57	ND	ND	2.2	ND	ND
2-Hexanone	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
3-Chloropropene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Ethyltoluene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	--	--	12	11.9	8.91	14.1	13.4	25.4	8.36	14.9	8.34	15	6.87	13.4	5.91	11.1	ND	ND	ND
Benzene	--	10	ND	1.03	ND	1.19	ND	0.994	ND	1.11	ND	1.19	ND	0.93	ND	1.49	ND	ND	ND
Benzyl chloride	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	1	--	0.44	0.642	0.447	0.648	0.453	0.503	0.44	0.535	0.44	0.478	0.434	0.528	0.44	0.447	ND	ND	ND
Chlorobenzene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	--	--	0.981	1.04	0.973	1.07	0.962	1.13	0.923	1.19	1.02	1.12	0.946	1.15	0.983	0.983	ND	ND	ND
cis-1,2-Dichloroethene	1	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	--	10	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.32	ND	ND	ND	ND
Dibromochloromethane	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	--	--	2.15	2.24	2.11	2.27	2.12	2.35	2.15	2.55	2.09	2.43	2.07	2.43	2.08	2.13	ND	ND	ND
Ethanol	--	--	11.9	39.6	12.2	49.9	14.5	29.8	ND	35	ND	45.6	ND	29.4	ND	11.6	ND	ND	ND
Ethyl Acetate	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	--	10	ND	1.05	ND	1.77	ND	ND	ND	0.986	ND	ND	ND	ND	ND	1.19	ND	ND	ND
Freon-113	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Freon-114	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Heptane	--	20	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropanol	--	--	8.8	8.78	6.78	9.96	21.2	5.33	1.91	5.26	11.7	6.93	16.5	4.45	1.42	36.4	ND	ND	ND
Methyl tert butyl ether	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	10	--	ND	<b>11.2</b>	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	10	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Hexane	--	20	0.747	1.47	0.751	1.52	ND	1.39	ND	1.23	ND	3.56	ND	0.934	ND	ND	ND	ND	ND
o-Xylene	--	10	ND	1.86	ND	3.41	ND	1.38	ND	1.77	ND	ND	ND	ND	ND	2.36	ND	ND	ND
p/m-Xylene	--	20	ND	4.39	ND	8.04	ND	3.28	ND	4.23	ND	ND	ND	ND	5.39	ND	ND	ND	ND
Styrene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tertiary butyl Alcohol	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	10	--	ND	ND	ND	0.142	ND	0.197	ND	0.224	ND	0.203	ND	0.197	ND	ND	ND	ND	ND
Tetrahydrofuran	--	--	1.65	ND	ND	ND	ND	ND	ND	ND	ND	2.23	ND	ND	ND	ND	ND	ND	ND
Toluene	--	50	ND	1.82	ND	2.13	ND	1.87	ND	2.08	ND	2.4	ND	1.57	ND	0.855	ND	ND	ND
trans-1,2-Dichloroethene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	1	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	--	--	ND	ND	ND	ND	ND	1.28	ND	1.37	ND	1.35	ND	1.33	ND	ND	ND	ND	ND
Vinyl bromide	--	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	0.2	--	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

**TABLE NOTES:**

NYSDOH Indoor Air Vapor Concentration values are from NYSDOH's October 2006 Guidance | Guidance for Evaluating Soil Vapor Intrusion in the State of New York Matrices A through F from the May 2017 and February 2024 updates.  
 ug/m³ : micrograms per cubic meter  
 ND: Not detected above reporting limit  
 -- : No NYSDOH guidance value established



**Table 6: CAMP Exceedances**  
**4778 Broadway, NY, NY**

**BCP Number: C231131**

Date	Time	Monitoring Location	Parameter in Exceedance	Measured Value	Unit	Amount above Background Levels	Corrective Action
11/2/2022	12:35	Upwind	PID	5.4	ppm	-	Stop excavation operations for the day, stop all work for 30 minutes
11/2/2022	12:50	Upwind	PID	5.6	ppm	-	Continue stop work
11/2/2022	13:05	Upwind	PID	5.8	ppm	-	No excavation operations
11/2/2022	13:20	Upwind	PID	5.9	ppm	-	No excavation operations
11/2/2022	13:35	Upwind	PID	6.2	ppm	-	No excavation operations
11/2/2022	13:50	Upwind	PID	6.5	ppm	-	No excavation operations
11/2/2022	14:05	Upwind	PID	6.5	ppm	-	No excavation operations
11/21/2022	10:30	Upwind	Dust	0.174	mg/m <sup>3</sup>	-	None, upwind location exceedance
11/21/2022	10:45	Upwind	Dust	0.150	mg/m <sup>3</sup>	-	None, upwind location exceedance
11/21/2022	16:00	Downwind	Dust	0.647	mg/m <sup>3</sup>	0.631	Stop work for day
11/28/2022	14:58	Downwind	Dust	0.222	mg/m <sup>3</sup>	0.214	Water spraying around rock breaking and drilling operations
11/28/2022	15:13	Downwind	Dust	0.291	mg/m <sup>3</sup>	0.284	Water spraying around rock breaking and drilling operations
11/28/2022	15:28	Downwind	Dust	0.191	mg/m <sup>3</sup>	0.184	Water spraying around rock breaking and drilling operations
11/29/2022	9:31	Downwind	Dust	0.305	mg/m <sup>3</sup>	0.294	Water spraying around rock breaking and drilling operations
11/29/2022	9:46	Downwind	Dust	0.226	mg/m <sup>3</sup>	0.215	Water spraying around rock breaking and drilling operations
11/29/2022	10:46	Downwind	Dust	0.231	mg/m <sup>3</sup>	0.219	Water spraying around rock breaking and drilling operations
11/29/2022	11:01	Downwind	Dust	0.173	mg/m <sup>3</sup>	0.161	Water spraying around rock breaking and drilling operations
11/29/2022	12:31	Downwind	Dust	0.196	mg/m <sup>3</sup>	0.183	Water spraying around rock breaking and drilling operations
12/2/2022	11:02	Upwind	Dust	0.490	mg/m <sup>3</sup>	-	Stopped moving stone near monitor, water spraying on stone and work resumed when levels dropped
12/2/2022	15:29	Downwind	Dust	0.214	mg/m <sup>3</sup>	0.012	Welding operation in close proximity to monitor
12/2/2022	15:44	Downwind	Dust	0.335	mg/m <sup>3</sup>	0.206	Stop work for day
12/8/2022	9:27	Downwind	Dust	0.188	mg/m <sup>3</sup>	0.178	Water spraying around rock breaking
12/8/2022	9:57	Downwind	Dust	0.283	mg/m <sup>3</sup>	0.274	Water spraying around rock breaking
12/8/2022	10:42	Downwind	Dust	0.234	mg/m <sup>3</sup>	0.225	Water spraying around rock breaking
12/8/2022	10:57	Downwind	Dust	0.257	mg/m <sup>3</sup>	0.245	Water spraying around rock breaking
12/8/2022	11:12	Downwind	Dust	0.205	mg/m <sup>3</sup>	0.190	Water spraying around rock breaking
12/8/2022	11:27	Downwind	Dust	0.511	mg/m <sup>3</sup>	0.501	Water spraying around rock breaking
12/8/2022	11:42	Downwind	Dust	0.227	mg/m <sup>3</sup>	0.213	Water spraying around rock breaking
12/8/2022	11:57	Downwind	Dust	0.320	mg/m <sup>3</sup>	0.309	Water spraying around rock breaking
12/8/2022	12:12	Downwind	Dust	0.259	mg/m <sup>3</sup>	0.248	Water spraying around rock breaking
12/8/2022	12:27	Downwind	Dust	0.464	mg/m <sup>3</sup>	0.454	Water spraying around rock breaking
12/8/2022	12:42	Downwind	Dust	0.466	mg/m <sup>3</sup>	0.457	Water spraying around rock breaking
12/8/2022	12:57	Downwind	Dust	0.322	mg/m <sup>3</sup>	0.313	Water spraying around rock breaking
12/8/2022	13:57	Downwind	Dust	0.353	mg/m <sup>3</sup>	0.338	Water spraying around rock breaking
12/8/2022	14:12	Downwind	Dust	0.266	mg/m <sup>3</sup>	0.245	Water spraying around rock breaking
12/8/2022	14:27	Downwind	Dust	0.195	mg/m <sup>3</sup>	0.179	Water spraying around rock breaking
12/8/2022	14:42	Downwind	Dust	0.234	mg/m <sup>3</sup>	0.204	Water spraying around rock breaking
12/8/2022	14:57	Downwind	Dust	0.346	mg/m <sup>3</sup>	0.329	Water spraying around rock breaking
12/8/2022	15:12	Downwind	Dust	0.267	mg/m <sup>3</sup>	0.251	Water spraying around rock breaking
12/8/2022	15:27	Downwind	Dust	0.288	mg/m <sup>3</sup>	0.267	Water spraying around rock breaking
12/8/2022	15:42	Downwind	Dust	0.187	mg/m <sup>3</sup>	0.165	Water spraying around rock breaking
12/8/2022	15:57	Downwind	Dust	0.170	mg/m <sup>3</sup>	0.152	Water spraying around rock breaking
12/8/2022	16:12	Downwind	Dust	0.171	mg/m <sup>3</sup>	0.159	Stop work for day

**Table 6: CAMP Exceedances**  
**4778 Broadway, NY, NY**

**BCP Number: C231131**

12/12/2022	9:34	Downwind	Dust	0.184	mg/m <sup>3</sup>	0.169	Welding operation in close proximity to monitor
12/12/2022	9:49	Downwind	Dust	0.211	mg/m <sup>3</sup>	0.196	Welding operation in close proximity to monitor
12/12/2022	11:49	Downwind	Dust	0.188	mg/m <sup>3</sup>	0.171	Welding operation in close proximity to monitor
12/12/2022	12:19	Downwind	Dust	0.453	mg/m <sup>3</sup>	0.437	Welding operation in close proximity to monitor
12/12/2022	12:34	Downwind	Dust	0.836	mg/m <sup>3</sup>	0.82	Welding operation in close proximity to monitor
12/12/2022	12:49	Downwind	Dust	0.261	mg/m <sup>3</sup>	0.245	Welding operation in close proximity to monitor
12/12/2022	13:49	Downwind	Dust	0.170	mg/m <sup>3</sup>	0.154	Welding operation in close proximity to monitor
12/12/2022	14:04	Downwind	Dust	0.269	mg/m <sup>3</sup>	0.246	Welding operation in close proximity to monitor
12/12/2022	14:19	Downwind	Dust	0.426	mg/m <sup>3</sup>	0.41	Welding operation in close proximity to monitor
12/12/2022	14:34	Downwind	Dust	0.502	mg/m <sup>3</sup>	0.485	Welding operation in close proximity to monitor
12/12/2022	14:49	Downwind	Dust	0.222	mg/m <sup>3</sup>	0.206	Welding operation in close proximity to monitor
12/12/2022	15:04	Downwind	Dust	0.499	mg/m <sup>3</sup>	0.484	Welding operation in close proximity to monitor
12/12/2022	15:19	Downwind	Dust	0.320	mg/m <sup>3</sup>	0.304	Welding operation in close proximity to monitor
12/12/2022	15:34	Downwind	Dust	0.558	mg/m <sup>3</sup>	0.531	Welding operation in close proximity to monitor
12/12/2022	15:49	Downwind	Dust	0.306	mg/m <sup>3</sup>	0.29	Welding operation in close proximity to monitor
12/12/2022	16:04	Downwind	Dust	0.505	mg/m <sup>3</sup>	0.489	Stop work for day
12/13/2022	8:39	Downwind	Dust	0.454	mg/m <sup>3</sup>	0.43	Welding operation in close proximity to monitor
12/13/2022	8:54	Downwind	Dust	0.311	mg/m <sup>3</sup>	0.29	Welding operation in close proximity to monitor
12/13/2022	9:09	Downwind	Dust	0.428	mg/m <sup>3</sup>	0.332	Welding operation in close proximity to monitor
12/13/2022	9:24	Downwind	Dust	0.474	mg/m <sup>3</sup>	0.436	Welding operation in close proximity to monitor
12/13/2022	9:39	Downwind	Dust	0.491	mg/m <sup>3</sup>	0.47	Welding operation in close proximity to monitor
12/13/2022	9:54	Downwind	Dust	0.548	mg/m <sup>3</sup>	0.53	Welding operation in close proximity to monitor
12/13/2022	10:39	Downwind	Dust	0.336	mg/m <sup>3</sup>	0.317	Welding operation in close proximity to monitor
12/13/2022	10:54	Downwind	Dust	0.587	mg/m <sup>3</sup>	0.567	Welding operation in close proximity to monitor
12/13/2022	11:09	Downwind	Dust	0.136	mg/m <sup>3</sup>	0.117	Welding operation in close proximity to monitor
12/13/2022	11:24	Downwind	Dust	0.268	mg/m <sup>3</sup>	0.249	Welding operation in close proximity to monitor
12/13/2022	11:39	Downwind	Dust	0.349	mg/m <sup>3</sup>	0.328	Welding operation in close proximity to monitor
12/13/2022	11:54	Downwind	Dust	0.246	mg/m <sup>3</sup>	0.222	Welding operation in close proximity to monitor
12/13/2022	12:09	Downwind	Dust	0.121	mg/m <sup>3</sup>	0.102	Welding operation in close proximity to monitor
12/13/2022	12:24	Downwind	Dust	0.310	mg/m <sup>3</sup>	0.292	Welding operation in close proximity to monitor
12/13/2022	12:39	Downwind	Dust	0.269	mg/m <sup>3</sup>	0.233	Stop welding operations for the day
12/14/2022	9:00	Downwind	Dust	0.196	mg/m <sup>3</sup>	0.184	Stop rock breaking and spray water

**Table 6: CAMP Exceedances**  
**4778 Broadway, NY, NY**

**BCP Number: C231131**

12/14/2022	11:30	Downwind	Dust	0.181	mg/m <sup>3</sup>	0.164	Stop rock breaking and spray water
12/15/2022	9:05	Upwind	Dust	0.196	mg/m <sup>3</sup>	-	Welding operation in close proximity to monitor
12/15/2022	9:20	Upwind	Dust	0.220	mg/m <sup>3</sup>	-	Welding operation in close proximity to monitor
12/15/2022	9:35	Upwind	Dust	0.232	mg/m <sup>3</sup>	-	Welding operation in close proximity to monitor
12/15/2022	9:50	Upwind	Dust	0.269	mg/m <sup>3</sup>	-	Welding operation in close proximity to monitor
12/15/2022	10:35	Upwind	Dust	0.196	mg/m <sup>3</sup>	-	Welding operation in close proximity to monitor
12/15/2022	10:50	Upwind	Dust	0.325	mg/m <sup>3</sup>	-	Welding operation in close proximity to monitor
12/15/2022	11:05	Upwind	Dust	0.195	mg/m <sup>3</sup>	-	Welding operation in close proximity to monitor
12/15/2022	11:20	Upwind	Dust	0.501	mg/m <sup>3</sup>	-	Welding operation in close proximity to monitor
12/15/2022	11:35	Upwind	Dust	0.900	mg/m <sup>3</sup>	-	Stop welding operations for the day
12/29/2022	9:38	Upwind	Dust	0.209	mg/m <sup>3</sup>	-	Welding operation in close proximity to monitor
12/29/2022	9:53	Upwind	Dust	0.178	mg/m <sup>3</sup>	-	Welding operation in close proximity to monitor
12/29/2022	10:23	Upwind	Dust	0.213	mg/m <sup>3</sup>	-	Welding operation in close proximity to monitor
12/29/2022	10:38	Upwind	Dust	0.378	mg/m <sup>3</sup>	-	Welding operation in close proximity to monitor
12/29/2022	14:08	Upwind	Dust	0.165	mg/m <sup>3</sup>	-	Welding operation in close proximity to monitor
12/29/2022	14:23	Upwind	Dust	0.154	mg/m <sup>3</sup>	-	Welding operation in close proximity to monitor
12/29/2022	14:38	Upwind	Dust	0.177	mg/m <sup>3</sup>	-	Welding operation in close proximity to monitor
12/29/2022	9:33	Downwind	Dust	0.508	mg/m <sup>3</sup>	0.395	Welding operation in close proximity to monitor
12/29/2022	9:48	Downwind	Dust	0.331	mg/m <sup>3</sup>	0.122	Welding operation in close proximity to monitor
12/29/2022	10:03	Downwind	Dust	0.354	mg/m <sup>3</sup>	0.176	Welding operation in close proximity to monitor
12/29/2022	10:18	Downwind	Dust	0.423	mg/m <sup>3</sup>	0.390	Welding operation in close proximity to monitor
12/29/2022	10:33	Downwind	Dust	0.332	mg/m <sup>3</sup>	0.119	Welding operation in close proximity to monitor
12/29/2022	10:48	Downwind	Dust	0.494	mg/m <sup>3</sup>	0.116	Welding operation in close proximity to monitor
12/29/2022	11:03	Downwind	Dust	0.291	mg/m <sup>3</sup>	0.253	Welding operation in close proximity to monitor
12/29/2022	11:18	Downwind	Dust	0.568	mg/m <sup>3</sup>	0.528	Welding operation in close proximity to monitor
12/29/2022	11:33	Downwind	Dust	0.355	mg/m <sup>3</sup>	0.313	Welding operation in close proximity to monitor
12/29/2022	11:48	Downwind	Dust	0.468	mg/m <sup>3</sup>	0.423	Welding operation in close proximity to monitor
12/29/2022	12:03	Downwind	Dust	0.139	mg/m <sup>3</sup>	0.088	Welding operation in close proximity to monitor
12/29/2022	12:33	Downwind	Dust	0.378	mg/m <sup>3</sup>	0.330	Welding operation in close proximity to monitor
12/29/2022	12:48	Downwind	Dust	0.431	mg/m <sup>3</sup>	0.382	Welding operation in close proximity to monitor
12/29/2022	13:03	Downwind	Dust	0.189	mg/m <sup>3</sup>	0.139	Welding operation in close proximity to monitor

**Table 6: CAMP Exceedances**  
**4778 Broadway, NY, NY**

**BCP Number: C231131**

12/29/2022	14:03	Downwind	Dust	0.295	mg/m <sup>3</sup>	0.239	Welding operation in close proximity to monitor
12/29/2022	14:18	Downwind	Dust	0.277	mg/m <sup>3</sup>	0.112	Welding operation in close proximity to monitor
12/29/2022	14:33	Downwind	Dust	0.276	mg/m <sup>3</sup>	0.122	Welding operation in close proximity to monitor
12/29/2022	14:48	Downwind	Dust	0.280	mg/m <sup>3</sup>	0.103	Welding operation in close proximity to monitor
12/29/2022	15:03	Downwind	Dust	0.253	mg/m <sup>3</sup>	0.146	Welding operation in close proximity to monitor
12/29/2022	15:18	Downwind	Dust	0.236	mg/m <sup>3</sup>	0.168	Welding operation in close proximity to monitor
12/29/2022	15:33	Downwind	Dust	0.202	mg/m <sup>3</sup>	0.141	Welding operation in close proximity to monitor
12/29/2022	15:48	Downwind	Dust	0.158	mg/m <sup>3</sup>	0.100	Welding operation in close proximity to monitor
12/30/2022	9:56	Downwind	Dust	0.205	mg/m <sup>3</sup>	0.138	Stop rock breaking and spray water
1/9/2023	11:48	Downwind	Dust	0.153	mg/m <sup>3</sup>	0.123	Stop rock breaking and spray water
1/9/2023	14:03	Downwind	Dust	0.155	mg/m <sup>3</sup>	0.139	Stop rock breaking and spray water
1/9/2023	14:18	Downwind	Dust	0.153	mg/m <sup>3</sup>	0.137	Stop rock breaking and spray water
1/9/2023	15:18	Downwind	Dust	0.197	mg/m <sup>3</sup>	0.187	Welding operation in close proximity to monitor
1/10/2023	9:03	Downwind	Dust	0.232	mg/m <sup>3</sup>	0.205	Welding operation in close proximity to monitor
1/10/2023	9:18	Downwind	Dust	0.267	mg/m <sup>3</sup>	0.238	Welding operation in close proximity to monitor
1/10/2023	9:33	Downwind	Dust	0.385	mg/m <sup>3</sup>	0.353	Welding operation in close proximity to monitor
1/10/2023	10:03	Downwind	Dust	0.169	mg/m <sup>3</sup>	0.131	Welding operation in close proximity to monitor
1/10/2023	11:03	Downwind	Dust	0.299	mg/m <sup>3</sup>	0.263	Welding operation in close proximity to monitor
1/10/2023	11:18	Downwind	Dust	0.356	mg/m <sup>3</sup>	0.319	Welding operation in close proximity to monitor
1/10/2023	11:33	Downwind	Dust	0.350	mg/m <sup>3</sup>	0.333	Welding operation in close proximity to monitor
1/10/2023	11:48	Downwind	Dust	0.364	mg/m <sup>3</sup>	0.350	Welding operation in close proximity to monitor
1/10/2023	12:03	Downwind	Dust	0.447	mg/m <sup>3</sup>	0.436	Welding operation in close proximity to monitor
1/10/2023	12:18	Downwind	Dust	0.409	mg/m <sup>3</sup>	0.401	Welding operation in close proximity to monitor
1/10/2023	12:33	Downwind	Dust	0.441	mg/m <sup>3</sup>	0.433	Welding operation in close proximity to monitor
1/10/2023	14:03	Downwind	Dust	0.164	mg/m <sup>3</sup>	0.155	Welding operation in close proximity to monitor
1/10/2023	14:18	Downwind	Dust	0.295	mg/m <sup>3</sup>	0.284	Welding operation in close proximity to monitor
1/10/2023	14:33	Downwind	Dust	0.212	mg/m <sup>3</sup>	0.198	Welding operation in close proximity to monitor
1/10/2023	14:48	Downwind	Dust	0.237	mg/m <sup>3</sup>	0.217	Welding operation in close proximity to monitor
1/10/2023	15:03	Downwind	Dust	0.234	mg/m <sup>3</sup>	0.204	Welding operation in close proximity to monitor
1/10/2023	15:33	Downwind	Dust	0.353	mg/m <sup>3</sup>	0.3454	Welding operation in close proximity to monitor
1/10/2023	15:48	Downwind	Dust	0.511	mg/m <sup>3</sup>	0.479	Welding operation in close proximity to monitor
1/20/2023	9:58	Downwind	Dust	0.229	mg/m <sup>3</sup>	0.220	Stop rock breaking and spray water
1/20/2023	12:13	Downwind	Dust	0.301	mg/m <sup>3</sup>	0.301	Stop rock breaking and spray water

**Table 6: CAMP Exceedances**  
**4778 Broadway, NY, NY**

**BCP Number: C231131**

1/20/2023	12:28	Downwind	Dust	0.612	mg/m <sup>3</sup>	0.612	Stop rock breaking and spray water
1/20/2023	12:43	Downwind	Dust	0.32	mg/m <sup>3</sup>	0.320	Stop rock breaking and spray water
1/20/2023	14:13	Downwind	Dust	0.246	mg/m <sup>3</sup>	0.246	Stop rock breaking and spray water
1/20/2023	14:28	Downwind	Dust	0.173	mg/m <sup>3</sup>	0.173	Stop rock breaking and spray water
1/20/2023	15:13	Downwind	Dust	0.226	mg/m <sup>3</sup>	0.220	Stop rock breaking and spray water
1/20/2023	15:28	Downwind	Dust	0.206	mg/m <sup>3</sup>	0.202	Stop rock breaking and spray water
1/25/2023	8:28	Upwind	Dust	0.240	mg/m <sup>3</sup>	-	Welding operation in close proximity to monitor
1/25/2023	8:43	Upwind	Dust	1.190	mg/m <sup>3</sup>	-	Welding operation in close proximity to monitor
1/25/2023	8:58	Upwind	Dust	0.323	mg/m <sup>3</sup>	-	Welding operation in close proximity to monitor
1/25/2023	9:28	Upwind	Dust	0.173	mg/m <sup>3</sup>	-	Welding operation in close proximity to monitor
1/25/2023	10:28	Upwind	Dust	0.293	mg/m <sup>3</sup>	-	Welding operation in close proximity to monitor
1/25/2023	10:43	Upwind	Dust	0.292	mg/m <sup>3</sup>	-	Welding operation in close proximity to monitor
1/25/2023	10:58	Upwind	Dust	0.274	mg/m <sup>3</sup>	-	Welding operation in close proximity to monitor
1/25/2023	11:13	Upwind	Dust	0.345	mg/m <sup>3</sup>	-	Welding operation in close proximity to monitor
1/25/2023	11:28	Upwind	Dust	0.337	mg/m <sup>3</sup>	-	Welding operation in close proximity to monitor
1/25/2023	11:43	Upwind	Dust	0.352	mg/m <sup>3</sup>	-	Welding operation in close proximity to monitor
1/25/2023	11:58	Upwind	Dust	0.241	mg/m <sup>3</sup>	-	Welding operation in close proximity to monitor
1/25/2023	12:13	Upwind	Dust	0.560	mg/m <sup>3</sup>	-	Welding operation in close proximity to monitor
1/25/2023	12:28	Upwind	Dust	0.442	mg/m <sup>3</sup>	-	Welding operation in close proximity to monitor
1/25/2023	12:43	Upwind	Dust	0.603	mg/m <sup>3</sup>	-	Welding operation in close proximity to monitor
1/25/2023	12:58	Upwind	Dust	0.198	mg/m <sup>3</sup>	-	Welding operation in close proximity to monitor
1/25/2023	13:43	Upwind	Dust	0.500	mg/m <sup>3</sup>	-	Welding operation in close proximity to monitor
1/25/2023	13:58	Upwind	Dust	0.372	mg/m <sup>3</sup>	-	Welding operation in close proximity to monitor
2/8/2023	8:32	Upwind	Dust	0.167	mg/m <sup>3</sup>	-	Stop operations
2/16/2023	16:04	Downwind	Dust	0.173	mg/m <sup>3</sup>	0.133	Stop work for day
2/20/2023	9:32	Upwind	Dust	0.155	mg/m <sup>3</sup>	-	Welding operation in close proximity to monitor
2/21/2023	8:50	Upwind	Dust	0.189	mg/m <sup>3</sup>	-	Welding operation in close proximity to monitor
2/21/2023	11:20	Upwind	Dust	0.181	mg/m <sup>3</sup>	-	Welding operation in close proximity to monitor
2/21/2023	15:05	Upwind	Dust	0.176	mg/m <sup>3</sup>	-	Welding operation in close proximity to monitor
2/21/2023	15:50	Downwind	Dust	0.236	mg/m <sup>3</sup>	0.153	Stop work for day
2/23/2023	10:45	Upwind	Dust	0.164	mg/m <sup>3</sup>	-	Welding operation in close proximity to monitor
2/23/2023	12:00	Upwind	Dust	0.293	mg/m <sup>3</sup>	-	Welding operation in close proximity to monitor
2/23/2023	12:15	Upwind	Dust	0.226	mg/m <sup>3</sup>	-	Welding operation in close proximity to monitor
2/23/2023	13:45	Upwind	Dust	0.228	mg/m <sup>3</sup>	-	Welding operation in close proximity to monitor

**Table 6: CAMP Exceedances**  
**4778 Broadway, NY, NY**

**BCP Number: C231131**

2/23/2023	14:30	Upwind	Dust	0.150	mg/m <sup>3</sup>	-	Welding operation in close proximity to monitor
3/1/2023	10:25	Upwind	Dust	0.275	mg/m <sup>3</sup>	-	Stop operations temporarily
3/2/2023	10:08	Upwind	Dust	0.154	mg/m <sup>3</sup>	-	Stop stone placement and spray water
3/20/2023	10:01	Upwind	Dust	0.314	mg/m <sup>3</sup>	-	Stop operations
3/30/2023	14:58	Downwind	Dust	0.212	mg/m <sup>3</sup>	0.212	Stop work for day
3/31/2023	9:48	Downwind	Dust	0.268	mg/m <sup>3</sup>	0.155	Stop operations
<b>Notes:</b>							
ppm - parts per million							
mg/m <sup>3</sup> - milligrams per cubic meter							

## Appendices



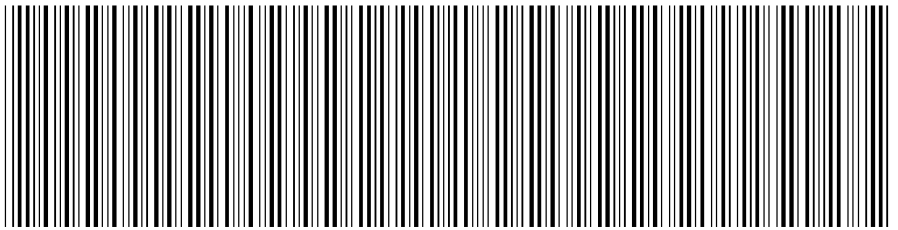
**Appendix A**  
**Environmental Easement, Site Survey Map, Metes and Bounds**  
**Description**





**NYC DEPARTMENT OF FINANCE  
OFFICE OF THE CITY REGISTER**

This page is part of the instrument. The City Register will rely on the information provided by you on this page for purposes of indexing this instrument. The information on this page will control for indexing purposes in the event of any conflict with the rest of the document.



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**RECORDING AND ENDORSEMENT COVER PAGE**

**PAGE 1 OF 10**

**Document ID: 2024052100856001**

Document Date: 05-13-2024

Preparation Date: 05-21-2024

Document Type: EASEMENT

Document Page Count: 9

**PRESENTER:**

ULTIMATE ABSTRACT OF NEW YORK  
1383 VETERANS MEMORIAL HIGHWAY \* SUITE 30  
UNY54339NY  
HAUPPAUGE, NY 11788  
631-501-9100  
SARA.ROTH@ULTIMATEABSTRACT.COM

**RETURN TO:**

ULTIMATE ABSTRACT OF NEW YORK  
1383 VETERANS MEMORIAL HIGHWAY \* SUITE 30  
UNY54339NY  
HAUPPAUGE, NY 11788  
631-501-9100  
SARA.ROTH@ULTIMATEABSTRACT.COM

**PROPERTY DATA**

Borough	Block	Lot	Unit	Address
MANHATTAN	2233	10	Entire Lot	4778 BROADWAY
<b>Property Type:</b> OTHER Easement				

**CROSS REFERENCE DATA**

CRFN \_\_\_\_\_ or DocumentID \_\_\_\_\_ or \_\_\_\_\_ Year \_\_\_\_\_ Reel \_\_\_\_\_ Page \_\_\_\_\_ or File Number \_\_\_\_\_

**PARTIES**

**GRANTOR/SELLER:**

M4778 BROADWAY LLC  
15 VERBENA AVENUE, SUITE 200  
FLORAL PARK, NY 11001

**GRANTEE/BUYER:**

N.Y.S. DEPARTMENT OF ENVIRONMENTAL  
CONSERVATION  
625 BROADWAY  
ALBANY, NY 12233

**FEES AND TAXES**

**Mortgage :**

Mortgage Amount: \$ 0.00

Taxable Mortgage Amount: \$ 0.00

Exemption:

TAXES: County (Basic): \$ 0.00

City (Additional): \$ 0.00

Spec (Additional): \$ 0.00

TASF: \$ 0.00

MTA: \$ 0.00

NYCTA: \$ 0.00

Additional MRT: \$ 0.00

**TOTAL:** \$ 0.00

Recording Fee: \$ 82.00

Affidavit Fee: \$ 0.00

**Filing Fee:**

\$ 100.00

NYC Real Property Transfer Tax:

\$ 0.00

NYS Real Estate Transfer Tax:

\$ 0.00

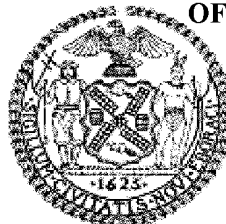
**RECORDED OR FILED IN THE OFFICE  
OF THE CITY REGISTER OF THE**

**CITY OF NEW YORK**

Recorded/Filed 05-22-2024 11:37

City Register File No.(CRFN):


**2024000130778**



*Colette McChia-Jacques*

**City Register Official Signature**

**ENVIRONMENTAL EASEMENT GRANTED PURSUANT TO ARTICLE 71, TITLE 36  
OF THE NEW YORK STATE ENVIRONMENTAL CONSERVATION LAW**

 **THIS INDENTURE** made <sup>as of</sup> this 13<sup>th</sup> day of May, 2024, between Owner, M4778 Broadway LLC, having an office at 15 Verbená Avenue, Suite 200, Floral Park, New York 11001, County of Nassau, State of New York (the "Grantor"), and The People of the State of New York (the "Grantee."), acting through their Commissioner of the Department of Environmental Conservation (the "Commissioner", or "NYSDEC" or "Department" as the context requires) with its headquarters located at 625 Broadway, Albany, New York 12233,

**WHEREAS**, the Legislature of the State of New York has declared that it is in the public interest to encourage the remediation of abandoned and likely contaminated properties ("sites") that threaten the health and vitality of the communities they burden while at the same time ensuring the protection of public health and the environment; and

**WHEREAS**, the Legislature of the State of New York has declared that it is in the public interest to establish within the Department a statutory environmental remediation program that includes the use of Environmental Easements as an enforceable means of ensuring the performance of operation, maintenance, and/or monitoring requirements and the restriction of future uses of the land, when an environmental remediation project leaves residual contamination at levels that have been determined to be safe for a specific use, but not all uses, or which includes engineered structures that must be maintained or protected against damage to perform properly and be effective, or which requires groundwater use or soil management restrictions; and

**WHEREAS**, the Legislature of the State of New York has declared that Environmental Easement shall mean an interest in real property, created under and subject to the provisions of Article 71, Title 36 of the New York State Environmental Conservation Law ("ECL") which contains a use restriction and/or a prohibition on the use of land in a manner inconsistent with engineering controls which are intended to ensure the long term effectiveness of a site remedial program or eliminate potential exposure pathways to hazardous waste or petroleum; and

**WHEREAS**, Grantor, is the owner of real property located at the address of 4778 Broadway in the City of New York, County of New York and State of New York, known and designated on the tax map of the New York City Department of Finance as tax map parcel number: Block 2233 Lot 10, being the same as that property conveyed to Grantor by deed dated February 17, 2023 and recorded in the City Register of the City of New York as CRFN # 2023000058896. The property subject to this Environmental Easement (the "Controlled Property") comprises approximately 0.27107 +/- acres, and is hereinafter more fully described in the Land Title Survey dated May 14, 2023 prepared by Arkadiusz Jusiega, P.L.S. of Arek Surveying P.C., which will be attached to the Site Management Plan. The Controlled Property description is set forth in and attached hereto as Schedule A; and

**WHEREAS**, the Department accepts this Environmental Easement in order to ensure the protection of public health and the environment and to achieve the requirements for remediation established for the Controlled Property until such time as this Environmental Easement is extinguished pursuant to ECL Article 71, Title 36; and

**NOW THEREFORE**, in consideration of the mutual covenants contained herein and the terms and conditions of Brownfield Cleanup Agreement IndexNumber: C231131-07-19, Grantor conveys to Grantee a permanent Environmental Easement pursuant to ECL Article 71, Title 36 in, on, over, under, and upon the Controlled Property as more fully described herein ("Environmental Easement").

1. Purposes. Grantor and Grantee acknowledge that the Purposes of this Environmental Easement are: to convey to Grantee real property rights and interests that will run with the land in perpetuity in order to provide an effective and enforceable means of encouraging the reuse and redevelopment of this Controlled Property, at a level that has been determined to be safe for a specific use while ensuring the performance of operation, maintenance, and/or monitoring requirements; and to ensure the restriction of future uses of the land that are inconsistent with the above-stated purpose.

2. Institutional and Engineering Controls. The controls and requirements listed in the Department approved Site Management Plan ("SMP") including any and all Department approved amendments to the SMP are incorporated into and made part of this Environmental Easement. These controls and requirements apply to the use of the Controlled Property, run with the land, are binding on the Grantor and the Grantor's successors and assigns, and are enforceable in law or equity against any owner of the Controlled Property, any lessees and any person using the Controlled Property.

A. (1) The Controlled Property may be used for:

**Restricted Residential as described in 6 NYCRR Part 375-1.8(g)(2)(ii),  
Commercial as described in 6 NYCRR Part 375-1.8(g)(2)(iii) and Industrial  
as described in 6 NYCRR Part 375-1.8(g)(2)(iv)**

(2) All Engineering Controls must be operated and maintained as specified in the Site Management Plan (SMP);

(3) All Engineering Controls must be inspected at a frequency and in a manner defined in the SMP;

(4) The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the New York City Department of Health and Mental Hygiene to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;

(5) Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;

(6) Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in the SMP;

(7) All future activities on the property that will disturb remaining

contaminated material must be conducted in accordance with the SMP;

(8) Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;

(9) Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical components of the remedy shall be performed as defined in the SMP;

(10) Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by this Environmental Easement.

B. The Controlled Property shall not be used for Residential purposes as defined in 6NYCRR 375-1.8(g)(2)(i), and the above-stated engineering controls may not be discontinued without an amendment or extinguishment of this Environmental Easement.

C. The SMP describes obligations that the Grantor assumes on behalf of Grantor, its successors and assigns. The Grantor's assumption of the obligations contained in the SMP which may include sampling, monitoring, and/or operating a treatment system, and providing certified reports to the NYSDEC, is and remains a fundamental element of the Department's determination that the Controlled Property is safe for a specific use, but not all uses. The SMP may be modified in accordance with the Department's statutory and regulatory authority. The Grantor and all successors and assigns, assume the burden of complying with the SMP and obtaining an up-to-date version of the SMP from:

Site Control Section  
Division of Environmental Remediation  
NYSDEC  
625 Broadway  
Albany, New York 12233  
Phone: (518) 402-9553

D. Grantor must provide all persons who acquire any interest in the Controlled Property a true and complete copy of the SMP that the Department approves for the Controlled Property and all Department-approved amendments to that SMP.

E. Grantor covenants and agrees that until such time as the Environmental Easement is extinguished in accordance with the requirements of ECL Article 71, Title 36 of the ECL, the property deed and all subsequent instruments of conveyance relating to the Controlled Property shall state in at least fifteen-point bold-faced type:

**This property is subject to an Environmental Easement held by the New York State Department of Environmental Conservation pursuant to Title 36 of Article 71 of the Environmental Conservation**

## Law.

F. Grantor covenants and agrees that this Environmental Easement shall be incorporated in full or by reference in any leases, licenses, or other instruments granting a right to use the Controlled Property.

G. Grantor covenants and agrees that it shall, at such time as NYSDEC may require, submit to NYSDEC a written statement by an expert the NYSDEC may find acceptable certifying under penalty of perjury, in such form and manner as the Department may require, that:

(1) the inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under the direction of the individual set forth at 6 NYCRR Part 375-1.8(h)(3).

(2) the institutional controls and/or engineering controls employed at such site:  
(i) are in-place;  
(ii) are unchanged from the previous certification, or that any identified changes to the controls employed were approved by the NYSDEC and that all controls are in the Department-approved format; and

(iii) that nothing has occurred that would impair the ability of such control to protect the public health and environment;

(3) the owner will continue to allow access to such real property to evaluate the continued maintenance of such controls;

(4) nothing has occurred that would constitute a violation or failure to comply with any site management plan for such controls;

(5) the report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

(6) to the best of his/her knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and

(7) the information presented is accurate and complete.

3. Right to Enter and Inspect. Grantee, its agents, employees, or other representatives of the State may enter and inspect the Controlled Property in a reasonable manner and at reasonable times to assure compliance with the above-stated restrictions.

4. Reserved Grantor's Rights. Grantor reserves for itself, its assigns, representatives, and successors in interest with respect to the Property, all rights as fee owner of the Property, including:

A. Use of the Controlled Property for all purposes not inconsistent with, or limited by the terms of this Environmental Easement;

B. The right to give, sell, assign, or otherwise transfer part or all of the underlying fee interest to the Controlled Property, subject and subordinate to this Environmental Easement;

5. Enforcement

A. This Environmental Easement is enforceable in law or equity in perpetuity by

Grantor, Grantee, or any affected local government, as defined in ECL Section 71-3603, against the owner of the Property, any lessees, and any person using the land. Enforcement shall not be defeated because of any subsequent adverse possession, laches, estoppel, or waiver. It is not a defense in any action to enforce this Environmental Easement that: it is not appurtenant to an interest in real property; it is not of a character that has been recognized traditionally at common law; it imposes a negative burden; it imposes affirmative obligations upon the owner of any interest in the burdened property; the benefit does not touch or concern real property; there is no privity of estate or of contract; or it imposes an unreasonable restraint on alienation.

B. If any person violates this Environmental Easement, the Grantee may revoke the Certificate of Completion with respect to the Controlled Property.

C. Grantee shall notify Grantor of a breach or suspected breach of any of the terms of this Environmental Easement. Such notice shall set forth how Grantor can cure such breach or suspected breach and give Grantor a reasonable amount of time from the date of receipt of notice in which to cure. At the expiration of such period of time to cure, or any extensions granted by Grantee, the Grantee shall notify Grantor of any failure to adequately cure the breach or suspected breach, and Grantee may take any other appropriate action reasonably necessary to remedy any breach of this Environmental Easement, including the commencement of any proceedings in accordance with applicable law.

D. The failure of Grantee to enforce any of the terms contained herein shall not be deemed a waiver of any such term nor bar any enforcement rights.

6. Notice. Whenever notice to the Grantee (other than the annual certification) or approval from the Grantee is required, the Party providing such notice or seeking such approval shall identify the Controlled Property by referencing the following information:

County, NYSDEC Site Number, NYSDEC Brownfield Cleanup Agreement, State Assistance Contract or Order Number, and the County tax map number or the Liber and Page or computerized system identification number.

Parties shall address correspondence to:      Site Number: C231131  
Office of General Counsel  
NYSDEC  
625 Broadway  
Albany New York 12233-5500

With a copy to:                                      Site Control Section  
Division of Environmental Remediation  
NYSDEC  
625 Broadway  
Albany, NY 12233

All notices and correspondence shall be delivered by hand, by registered mail or by Certified mail and return receipt requested. The Parties may provide for other means of receiving and communicating notices and responses to requests for approval.

7. Recordation. Grantor shall record this instrument, within thirty (30) days of execution of

this instrument by the Commissioner or her/his authorized representative in the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

8. Amendment. Any amendment to this Environmental Easement may only be executed by the Commissioner of the New York State Department of Environmental Conservation or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

9. Extinguishment. This Environmental Easement may be extinguished only by a release by the Commissioner of the New York State Department of Environmental Conservation, or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

10. Joint Obligation. If there are two or more parties identified as Grantor herein, the obligations imposed by this instrument upon them shall be joint and several.

11. Consistency with the SMP. To the extent there is any conflict or inconsistency between the terms of this Environmental Easement and the SMP, regarding matters specifically addressed by the SMP, the terms of the SMP will control.

**Remainder of Page Intentionally Left Blank**

IN WITNESS WHEREOF, Grantor has caused this instrument to be signed in its name.

M4778 Broadway LLC:  
By: [Signature]

Print Name: Eli Weiss

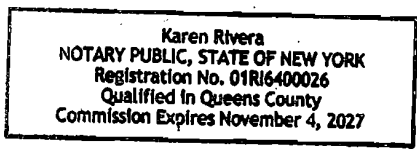
Title: Authorized Signatory Date: 5/3/24

**Grantor's Acknowledgment**

STATE OF NEW YORK )  
 ) ss:  
COUNTY OF NY )

On the 3rd day of May, in the year 2024, before me, the undersigned, personally appeared Eli weiss, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

[Signature]  
Notary Public - State of New York





**THIS ENVIRONMENTAL EASEMENT IS HEREBY ACCEPTED BY THE PEOPLE OF THE STATE OF NEW YORK**, Acting By and Through the Department of Environmental Conservation as Designee of the Commissioner,

By: Andrew Guglielmi  
Andrew O. Guglielmi, Director  
Division of Environmental Remediation

**Grantee's Acknowledgment**

STATE OF NEW YORK )  
 ) ss:  
COUNTY OF ALBANY )

On the 13 day of May, in the year 2024, before me, the undersigned, personally appeared Michael J. Ryan, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/ executed the same in his/her/ capacity as Designee of the Commissioner of the State of New York Department of Environmental Conservation, and that by his/her/ signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

Cheryl A. Salem  
Notary Public - State of New York

Cheryl A. Salem  
Notary Public State of New York  
Registration No. 01SA0002177  
Qualified in Albany County  
My Commission Expires March 3, 2027

**SCHEDULE "A" PROPERTY DESCRIPTION**

**ENVIRONMENTAL EASEMENT DESCRIPTION**

**ALL that certain plot, piece or parcel of land, situate, lying and being in New York City and State of New York, bounded and described as follows:**

**BEGINNING at the point on the southerly side of Broadway, distant 225 Feet  $\frac{1}{4}$  of an inch easterly from the corner formed by the intersection of the southerly side of Broadway with the easterly side of Dyckman Street, which said point of beginning is at the point formed by the intersection of the said southerly side of Broadway with the division line between Lot Nos. 11 and 12 on said map;**

**RUNNING THENCE easterly along the southerly side of Broadway, a distance of 75 Feet to the point formed by the intersection of the said southerly side of Broadway with the division line between Lot Nos. 14 and 15 on said map;**

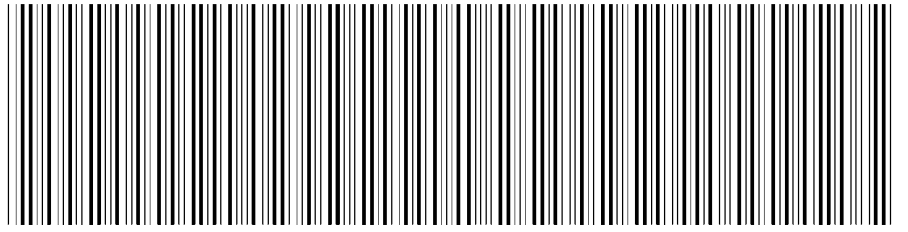
**THENCE southerly at an interior angle of 90 Degrees 41 minutes 08 seconds with the southerly side of Broadway and along said division line between Lot Nos. 14 and 15, a distance of 157 Feet to the northerly line of Lot No. 31 on said map;**

**THENCE westerly at a right angle with the last mentioned course and along the northerly line of Lot Nos. 31, 32 and 33 on said map, a distance of 75 Feet to the division line between Lot Nos. 11 and 12 on said map; and**

**THENCE northerly at right angle with the last mentioned course and at an interior angle of 89 Degrees 18 minutes 52 seconds with the southerly side of Broadway and along said division line between Lot Nos. 11 and 12 on said map, a distance of 157 Feet 11 Inches to the point or place of BEGINNING.**

**CONTAINING WITHIN SAID BOUNDS 0.27107 ACRES OR 11,807.9 SQUARE FEET**

NYC DEPARTMENT OF FINANCE  
OFFICE OF THE CITY REGISTER



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**SUPPORTING DOCUMENT COVER PAGE**

**PAGE 1 OF 1**

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DEP CUSTOMER REGISTRATION FORM FOR WATER AND SEWER BILLING  
SMOKE DETECTOR AFFIDAVIT

1  
1



The City of New York  
Department of Environmental Protection  
Bureau of Customer Services  
59-17 Junction Boulevard  
Flushing, NY 11373-5108

## Customer Registration Form for Water and Sewer Billing

### Property and Owner Information:

- (1) Property receiving service: BOROUGH: MANHATTAN                      BLOCK: 2233                      LOT: 10
- (2) Property Address: 4778 BROADWAY, NEW YORK, NY 10034
- (3) Owner's Name:                      N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Additional Name:

### Affirmation:



Your water & sewer bills will be sent to the property address shown above.

### Customer Billing Information:

#### Please Note:

- A. Water and sewer charges are the legal responsibility of the owner of a property receiving water and/or sewer service. The owner's responsibility to pay such charges is not affected by any lease, license or other arrangement, or any assignment of responsibility for payment of such charges. Water and sewer charges constitute a lien on the property until paid. In addition to legal action against the owner, a failure to pay such charges when due may result in foreclosure of the lien by the City of New York, the property being placed in a lien sale by the City or Service Termination.
- B. Original bills for water and/or sewer service will be mailed to the owner, **at the property address or to an alternate mailing address**. DEP will provide a duplicate copy of bills to one other party (such as a managing agent), however, any failure or delay by DEP in providing duplicate copies of bills shall in no way relieve the owner from his/her liability to pay all outstanding water and sewer charges. Contact DEP at (718) 595-7000 during business hours or visit [www.nyc.gov/dep](http://www.nyc.gov/dep) to provide us with the other party's information.

### Owner's Approval:

The undersigned certifies that he/she/it is the owner of the property receiving service referenced above; that he/she/it has read and understands Paragraphs A & B under the section captioned "Customer Billing Information"; and that the information supplied by the undersigned on this form is true and complete to the best of his/her/its knowledge.

Print Name of Owner:

Signature: \_\_\_\_\_ Date (mm/dd/yyyy)

Name and Title of Person Signing for Owner, if applicable: *El. Weiss - Authorized Signatory*

**AFFIDAVIT OF COMPLIANCE  
WITH SMOKE DETECTOR REQUIREMENT  
FOR ONE- AND TWO-FAMILY DWELLINGS**

State of New York }  
County of Albany } SS.:

The undersigned, being duly sworn, depose and say under penalty of perjury that they are the grantor and grantee of the real property or of the cooperative shares in a cooperative corporation owning real property located at

4778 BROADWAY

Street Address Unit/Apt.

MANHATTAN  
Borough

New York,

2233  
Block

10  
Lot

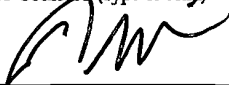
(the "Premises");

That the Premises is a one or two family dwelling, or a cooperative apartment or condominium unit in a one- or two-family dwelling, and that installed in the Premises is an approved and operational smoke detecting device in compliance with the provisions of Article 6 of Subchapter 17 of Chapter 1 of Title 27 of the Administrative Code of the City of New York concerning smoke detecting devices;

That they make affidavit in compliance with New York City Administrative Code Section 11-2105 (g). (The signatures of at least one grantor and one grantee are required, and must be notarized).

Eli Wass

Name of Grantor (Type or Print)



Signature of Grantor

Andrew Guglielmi

Name of Grantee (Type or Print)



Signature of Grantee

Sworn to before me

this 3<sup>rd</sup> day of May 20 24

Sworn to before me

this 13 day of May 20 24



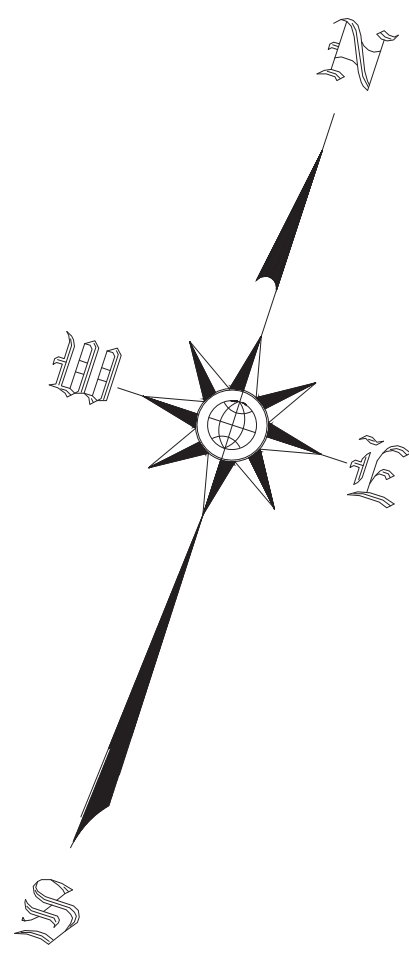
Karen Rivera  
NOTARY PUBLIC, STATE OF NEW YORK  
Registration No. 01R16400026  
Qualified In Queens County  
Commission Expires November 4, 2027



Cheryl A. Salem  
Notary Public State of New York  
Registration No. 01SA0002177  
Qualified In Albany County  
My Commission Expires March 9, 2027

These statements are made with the knowledge that a willfully false representation is unlawful and is punishable as a crime of perjury under Article 210 of the Penal Law.

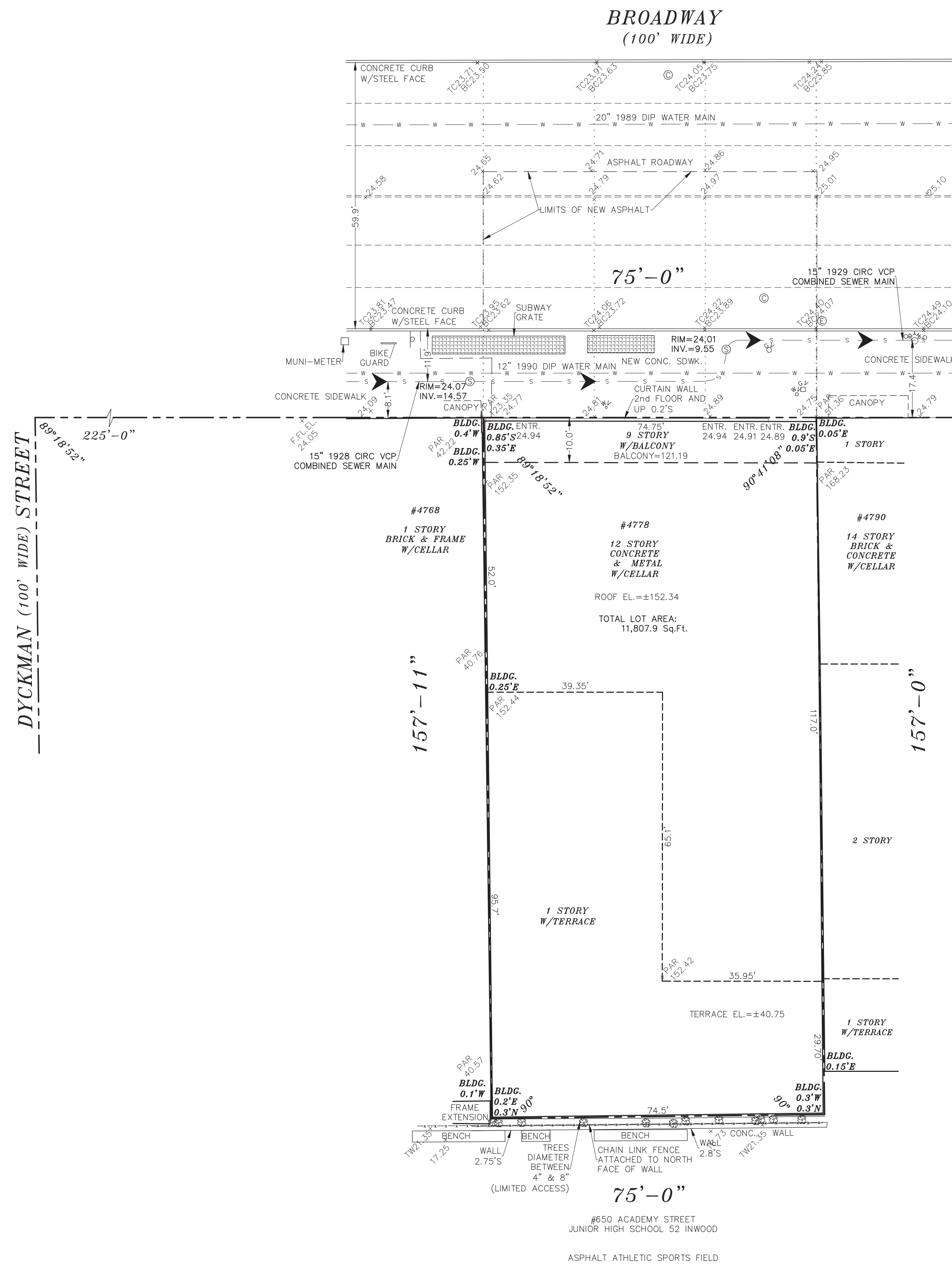
**NEW YORK CITY REAL PROPERTY TRANSFER TAX RETURNS FILED ON OR AFTER FEBRUARY 6th, 1990, WITH RESPECT TO THE CONVEYANCE OF A ONE- OR TWO-FAMILY DWELLING, OR A COOPERATIVE APARTMENT OR A CONDOMINIUM UNIT IN A ONE- OR TWO-FAMILY DWELLING, WILL NOT BE ACCEPTED FOR FILING UNLESS ACCOMPANIED BY THIS AFFIDAVIT.**



Only copies from the original of this survey marked with an original of the land surveyor's embossed seal shall be considered to be valid true copies.

Unauthorized alteration or addition to a survey map bearing a licensed land surveyor's seal is a violation of section 7209, sub-division 2, of the New York State Education Law.

Certification indicated hereon signify that this survey was prepared in accordance with the existing Code of Practice for Land Surveys adopted by the New York State Association of Professional Land Surveyors. Said certifications shall run only to the person for whom the survey is prepared, and on his behalf to the title company, governmental agency and lending institution listed hereon, and to the assignees of the lending institution. Certifications are not transferable to additional institutions or subsequent owner.



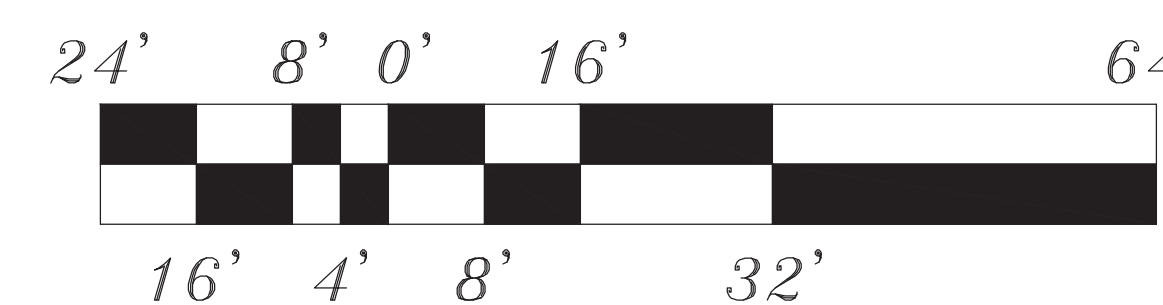
- NOTES:**
- THE OFFSETS OR DIMENSIONS SHOWN HEREON, FROM THE PROPERTY LINES TO THE STRUCTURES ARE FOR A SPECIFIC PURPOSE AND USE. THEREFORE THEY ARE NOT INTENDED TO MONUMENT PROPERTY LINES OR TO GUIDE THE ERECTION OF FENCES, ADDITIONAL STRUCTURES OR ANY OTHER IMPROVEMENTS.
  - CONSULT WITH THE HIGHWAY DEPARTMENT BEFORE DESIGNING, INSTALLING OR MODIFYING ANY NEW OR EXISTING CURBS, WALKS OR ROADWAYS IN THE STREET SHOWN HEREON.
  - SUBSURFACE INFORMATION SHOWN HEREON WAS BASED ON VISUAL OBSERVATIONS, VARIOUS CITY DEPARTMENTS, AND/OR PRIVATE UTILITY COMPANIES RECORDS, AND/OR UTILITY MARKOUT. THIS SURVEYOR ACCEPTS NO RESPONSIBILITY FOR ANY OF THIS DATA. SUBSURFACE UTILITIES ARE NOT CERTIFIED AS TO THE ACCURACY AND/OR COMPLETENESS.
  - ALL SUBSURFACE UTILITY LOCATION AND DEPTH SHOULD BE RECHECKED AND LEGAL GRADES SHOULD BE VERIFIED WITH THE TOPOGRAPHICAL BUREAU, PREFERABLY IN WRITING BEFORE COMMENCING FINAL DESIGN OR CONSTRUCTION.
  - THIS IS TO CERTIFY THAT THERE ARE NO VISIBLE STREAMS OR NATURAL WATER COURSES IN THE PROPERTY AS SHOWN ON THIS SURVEY.
  - ELEVATIONS REFER TO THE NORTH AMERICAN VERTICAL DATUM OF 1988.
  - REFER TO ARTICLE 36 OF THE GENERAL BUSINESS LAW AND THE PROVISIONS OF INDUSTRIAL CODE PART (RULE NO. 53) BEFORE ANY EXCAVATION OR DEMOLITION IS COMMENCED. THESE LAWS REQUIRE EACH EXCAVATOR TO GIVE ADVANCE NOTICE TO ALL OPERATORS OF UNDERGROUND FACILITIES OF HIS INTENT TO PERFORM EXCAVATION OR DEMOLITION IN THE SPECIFIED AREAS.
  - ALL DIMENSIONS ARE IN U.S. STANDARD MEASUREMENTS.
  - LEGAL GRADES REFER TO TOP OF CURB.
  - EASEMENTS NOT SHOWN ARE NOT GUARANTEED.
  - UTILITIES MARK-OUT SHOWN PER 3-1-2020 FIELD MEASUREMENTS.
  - PARCEL COVERED BY SNOW AT THE TIME OF SURVEY.

**LEGEND & ABBREVIATIONS:**

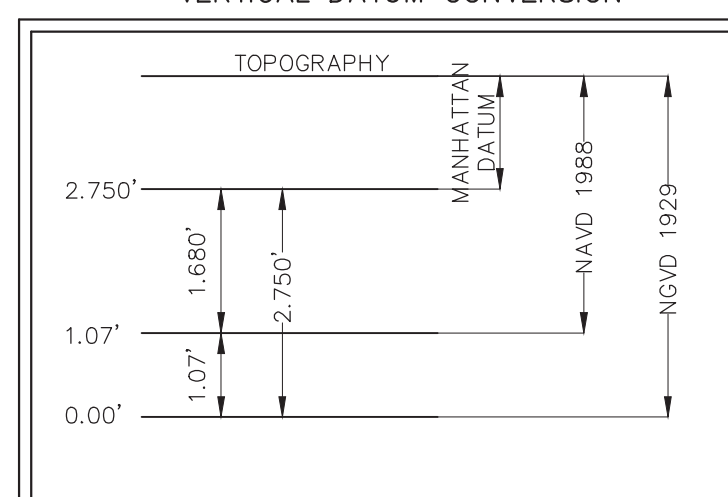
HR	HANDICAP RAMP	↔	UTILITY & LIGHT POLE
TB	TRAFFIC BOX	⊗	UTILITY POLE
SF	STEEL FACE CURB	○	VENT
RD	ROOF DRAIN	☆	LIGHT POLE
DC	DEPRESSED CURB	⚡	FLAG POLE
CB	CATCH BASIN	→	TRAFFIC SIGN
E.O.P	EDGE OF PAVEMENT	⊙	SANITARY MANHOLE
PLNT.	PLANTER	⊙	WATER MANHOLE
TP	TREE PIT	⊙	ELECTRIC MANHOLE
CHIM.	CHIMNEY	⊙	TELEPHONE MANHOLE
T.O.P.	TOP OF PIPE	⊙	DRAINAGE MANHOLE
B.O.P.	BOTTOM OF PIPE	⊙	GAS MANHOLE
L	LANDING	⊙	DEPARTMENT OF PUBLIC WORKS MANHOLE
TW	TOP OF WALL	⊙	EMPIRE CITY SUBWAY MANHOLE
T.P.	TOP OF PARAPET	⊙	UNKNOWN MANHOLE
TR.	THRESHOLD	⊙	DRAIN
T.CH.	TOP OF CHIMNEY	⊙	INLET
T.B.	TOP OF BULKHEAD	⊙	MAIL BOX
T.C.	TOP OF CURB	⊙	PARKING METER
B.C.	BOTTOM OF CURB	⊙	TREE
F.S.M.	FINAL SECTION MAP	⊙	SHRUB
⚡	FIRE HYDRANT	— GAS	GAS LINE
⚡	SPRINKLER	— W	WATER LINE
⚡	WATER VALVE	— E	ELECTRIC LINE
⚡	GAS VALVE	— C	COMMUNICATION LINE
⚡	OIL VALVE	— S	SEWER LINE
⚡	UNKNOWN VALVE	▨	EASEMENT AREA
⚡	MONITORING WELL		

**SURVEY OF PROPERTY LOCATED AT:**  
 #4778 BROADWAY, MANHATTAN  
 COUNTY OF NEW YORK  
 CITY & STATE OF NEW YORK  
 BLOCK ..... 2233, LOT(S) ..... 10  
 D.E.C. SIRE NUMBER - C231131

GRAPHIC SCALE - FEET  
 1" = 16'



**VERTICAL DATUM CONVERSION**



REVISIONS DESCRIPTION	PREPARED BY	DATE	FILE	CERTIFY TO:
1. TOPOGRAPHICAL SURVEY	K.S.	03-01-20	ASC20115	
2. TOPOGRAPHICAL SURVEY UPDATE	K.S.	02-02-22	ASC22046	
3. ENVIRONMENTAL EASEMENT SURVEY	K.S.	05-14-23	ASC23046-3	
4. FINAL SURVEY	K.S.	09-10-24	ASC24046-2	

	SURVEYED BY <b>ARKADIUSZ JUSIEGA, P.L.S.</b> <i>Arkadiusz Jusiega</i> N.Y.S. LIC. NO. 050569	Scale: 1" = 16'
	<b>AREK SURVEYING P.C.</b> 10 TAFT PLACE ALBERTSON, NY 11507 WWW.ASCNY.NET TEL: (516) 792-6676	Job No: ASC-24046

ORDERED BY: **MADD EQUITIES**

## **Appendix B**

### **Health and Safety Plan**





# AEI Consultants

## HEALTH & SAFETY, INJURY & ILLNESS PREVENTION PLAN

### Property Identification:

M4778 Broadway LLC, C231131  
4778 Broadway  
Manhattan, New York County, New York 10034

BCP Site No. C231131  
AEI Project No. 384736  
NYSDEC Spill Case # 1700751

### Prepared for:

M4778 Broadway LLC  
C/O Joy Construction Corporation  
40 Fulton Street, 21st Floor  
New York, New York 10038

### Prepared by:

AEI Consultants  
20 Gibson Place, Suite 310  
Freehold, NJ 07728  
(732) 414-2720

San Francisco HQ

Atlanta

Chicago

Costa Mesa

Dallas

Denver

Los Angeles

Miami

New York

Phoenix

Portland

San Jose

National Presence

Regional Focus

Local Solutions



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## APPENDICES

<i>APPENDIX A</i>	<i>CAL/OSHA FORMS</i>
<i>APPENDIX B</i>	<i>AEI INCIDENT EVALUATION FORM</i>
<i>APPENDIX C</i>	<i>SITE INSPECTION LOG</i>
<i>APPENDIX D</i>	<i>HEALTH AND SAFETY BRIEFING/SITE ORIENTATION RECORD/SIGN-IN SHEET</i>
<i>APPENDIX E</i>	<i>SUBCONTRACTOR STATEMENT AND UNDERSTANDING</i>

## 1.0 GENERAL INFORMATION

Client/Site Name: M4778 Broadway LLC  
Site Address: 4778 Broadway, Manhattan, New York County, New York 10034  
Job/Project #: 384736  
Estimated Start Date: 4/1/2020 Estimated Completion Date: 2/1/21

Have Necessary Underground Utility Notifications for Subsurface Work Been Made?  Yes  Not Applicable  
(Specify clearance dates, USA Ticket #, and other relevant information on the "Site Inspection Log")

## 2.0 SCOPE OF WORK

Site Description: Vacant lot (former carwash/gas station)

Specific Tasks Performed by AEI: Oversight of UST closures, soil excavations, post-excavation soil sampling, groundwater EFR, vapor barrier and SSDS installation

Concurrent Tasks to be Performed by AEI Subcontractors : UST closures, soil excavations, groundwater EFR, vapor barrier and SSDS installation

Concurrent Tasks to be Performed by Others: Site development and construction

## 3.0 ROLES AND RESPONSIBILITIES

### AEI PERSONNEL

Name	Project Title/Assigned Role	Phone Numbers
Joseph Maggiulli	Field Team Leader	201-694-3957
Anthony Cauterucci	Project Manager	732-275-4719
Jack Katz	Quality Assurance Manager	732-414-2720
Phillip Clark	Senior PM/Professional Engineer	413-281-2797

### EMERGENCY CONTACTS [CAL/OSHA 8 CCR 5192(L)]

Emergency Information	Emergency Number	Phone Numbers
New York City Police Department	911	(212) 767-8400
<b>NewYork-Presbyterian The Allen Hospital</b> 5141 Broadway, New York, NY 10034	911 (map attached)	(212) 932-4000
Joseph Maggiulli	Field Team Leader	201-694-3957
Location of Nearest Phone & First Aid:	Mobile cellular telephone in the Site Safety Officer's work vehicle	

## 4.0 DIRECTIONS TO THE NEAREST EMERGENCY DEPARTMENT



- ↑ 1. Head northeast on Broadway toward Cumming St  
Pass by CTown Supermarkets (on the right in 0.3 mi)  
0.8 mi
- ↶ 2. Turn left onto W 220th St  
236 ft
- ↶ 3. Turn left  
Destination will be on the right  
164 ft

NewYork-Presbyterian The Allen Hospital  
5141 Broadway, New York, NY 10034

## 5.0 EMERGENCY PROCEDURES [CAL/OSHA 8 CCR 5192(L)]

If an emergency arises, the on-site personnel should contact the EMT by dialing 911. Emergency communications at the site will be by means of a cellular radio and/or telephone. All work in the project area should stop and the work area should be secured, to the extent possible. The following general procedures will be followed in the case of a medical emergency at the site:

**Skin Contact** - Skin exposure should be treated by rinsing with soap and water. All contaminated clothing must be removed.

**Eye Contact** - Eye contact with chemicals should be treated by rinsing the eye with solution or water for at least 15 minutes. If symptoms persist, medical attention should be sought as soon as possible.

**Ingestion** - Seek immediate medical attention. Refer to MSDS.

Inhalation—Any warning symptoms such as headache, dizziness, nausea, shortness of breath, etc. necessitate that the victim leaves the immediate site area rapidly. If the victim stops breathing, assisting personnel should don breathing protection while removing them from the area. Persons trained in CPR should immediately begin initiated, while medical attention should be obtained as soon as possible.

In case of evacuation, all vehicles/equipment should be turned off and personnel should immediately leave the work area. Personnel should move to the specified meeting area located upwind of the affected area, such as the building exterior, site field office, property boundary, or other predestinated location, where all personnel will be accounted for.

**IF AN EMERGENCY ARISES, THE DESIGNATED MEETING LOCATION FOR THIS PROJECT IS IMMEDIATELY IN FRONT OF THE BUILDING ON THE SUBJECT PROPERTY.**

This location is located upwind of the drilling activities but is subject to change if prevailing weather conditions alter typical wind direction.

Personnel should not re-enter the work area following evacuation until all of the following conditions have been met:

- 1) The condition causing the emergency has been corrected.
- 2) All hazards have been assessed.
- 3) The HASP has been reviewed.
- 4) Personnel have been oriented on any changes in the HASP.

All emergencies should be promptly reported to the SSO.

- **Site Supervisors and Project Managers (SS/PM):** Responsibility for compliance with AEI Health and Safety programs, policies, procedures and applicable laws and regulations is shared by all AEI management and supervisory personnel. This includes the need for effective oversight and supervision of project staff necessary to control the Health and Safety aspects of AEI on-site activities.

- **Site Safety Officers and Competent Persons (SSO):** The Site Safety Officer (SSO), as defined by OSHA 1926.20(b), is the individual "who is capable of identifying existing and predictable hazards in surroundings or working conditions which are unsanitary, hazardous, or dangerous to employees, and who has authorization to take prompt corrective measures to eliminate them." The SSO is designated on a site-by-site basis based on the site conditions, scope-of-work, and the individual's ability to recognize site-specific hazards and take appropriate corrective actions. This individual is responsible to both project management and the designated Office Health and Safety Officer (HSO) with regard to the completion of these assigned duties.

- **Staff:** Ultimate control of Health Safety is in the hands of each individual employee. Therefore, each employee must become familiar with and comply with all Health and Safety requirements associated with their position and daily operations. Employees also have the responsibility to notify the appropriate management, SSO, and/or HSO of unsafe conditions and accidents/injuries immediately. When employees are issued respirators or any other personal protective equipment (PPE), they are responsible for ensuring that said items are used properly, cleaned as required and maintained in good working order.

- **(Sub) contractors:** (Sub) contractors should develop their own site safety plan related to their specific on-site activities. Subcontractors may use AEI's plan as an informational model. However, each Subcontractor is responsible for determining the plan's adequacy and applicability to its own activities on site. Subcontractors wishing to do so must deliver their plan in clear written form to AEI prior to the initiation of on-site activities.

## 6.0 PLAN ACKNOWLEDGEMENT AND APPROVALS

Approval or Acknowledgement	SSO SS/PM	HSO
Probable hazards identified on form.	X	X
Project scope accurately reflected on form.	X	
Appropriate emergency response info identified on form.	X	X
Appropriate control measures identified on form.	X	X
Hazards and control measures to be implemented on site acknowledged.	X	
Overall project scope and health and safety requirements acknowledged.	X	

## 7.0 SITE CONTROL MEASURES

Anthony Cauterucci has been designated to coordinate access control and security on site. All work will strictly follow OSHA guidelines and HAWOPER regulations. There will be a 10-foot boundary surrounding the work area. The boundaries are identified by orange safety cones and/or "yellow" caution or red "danger" tape. The area within this boundary is considered an exclusion zone and only qualified personnel will be allowed to enter. All personnel arriving or departing the site should log in before entering the exclusion zone. All activities on site must be cleared through the Site Manager. Additional hazards on site include heavy equipment and overhead equipment. Only 40-hour HAZWOPER trained personnel will operate equipment or perform any duties associated with this project. A hard hat and steel toed boots are mandatory for all personnel associated with the drilling operation. Nitrile gloves will be worn at all times and changed periodically (as required) during boring logging, soil and groundwater sample collection and decontamination to reduce the risk of dermal exposure.

A GENERAL PURPOSE FIRST AID KIT WILL BE AVAILABLE ONSITE. EMERGENCY SERVICES ARE AVAILABLE BY DIALING 911 ON THE TELEPHONE LOCATED IN THE SITE MANAGER'S VEHICLE, WHICH WILL BE ONSITE AT ALL TIMES.

## 8.0 DOCUMENTATION TO BE COMPLETED ON SITE

- A **Site Inspection Log** must be completed at the initiation of on-site activities and at least once per week thereafter until the completion of AEI on-site activities.
- A **Site Health and Safety Briefing** or "Tailgate Safety Meeting" must be completed at the initiation of on-site activities and at the beginning of site activities each day thereafter until the completion of AEI on-site activities. (Note: The actual briefing may be conducted off-site, in the office for example, if conditions preclude or render impractical its completion on site.) The corresponding **Site Orientation Record** should be completed at the initiation of on-site activities and once per week thereafter.
- The AEI Incident Investigation Form (OSHA Form 301) and the Subcontractor's Statement of Understanding Regarding Health and Safety Responsibilities Form are to be completed on an as needed basis.

## 9.0 PPE AND SITE CONTROLS [CAL/OSHA 8 CCR 5192(D) AND (G)(5)]

Based on an evaluation of the suspected and known hazards at the site, Level D personal protective equipment (PPE) will be required for all personnel and visitors entering the controlled portion of the site. Protective equipment for each level of protection is summarized below. Both Level C and D PPE should be available on-site at all times during all phases of the project, as conditions may change and require additional PPE. Work should be conducted in Level D as long as breathing zone vapor concentrations remain at background or below 10 ppm, no breathing protection will be required. Engineering controls, such as forced air ventilation, will be used when

feasible to reduce respiratory hazards. If on-site personnel find that breathing zone concentrations exceed 10 ppm, then the SSO or PM will make a determination if work shall continue in Level C PPE.

At this time, all work in the affected area should be suspended until a decision is made. Implementation of Level C PPE will be required if work continues during elevated breathing zone concentrations. Donning and use of respirators shall be performed in accordance with manufacturer specifications. Replacement of respirator cartridges shall be performed in accordance with manufacturer specifications. All respirators and cartridges shall be stored in air tight bags while not in use.

<p><b>Personal Protective Equipment - Level D</b></p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Hearing Protection (as needed near loud equipment)</li> <li><input checked="" type="checkbox"/> Hardhat</li> <li><input checked="" type="checkbox"/> Outer Gloves Type: Kevlar or Leather (as needed)</li> <li><input checked="" type="checkbox"/> Inner Gloves Type: Nitrile</li> <li><input checked="" type="checkbox"/> Steel Toe Boots:</li> <li><input type="checkbox"/> Coveralls Type:</li> <li><input type="checkbox"/> Outer Boots Type:</li> <li><input checked="" type="checkbox"/> Eye Protection: Safety Glasses</li> <li><input type="checkbox"/> Others:</li> </ul>	<p><b>Personal Protective Equipment - Level C</b></p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Respirator Type: Full-Face Air Purifying Respirator</li> <li><input checked="" type="checkbox"/> Cartridge Type: Organic Vapor w/ P100</li> <li><input type="checkbox"/> Assigned Protection Factor: 50</li> <li><input type="checkbox"/> Others:</li> </ul>
<p><b>Monitoring Equipment<sup>1</sup></b></p> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> PID Type: RAE Systems ppbRAE 3000 or MiniRAE Lite</li> <li><input type="checkbox"/> PID Lamp Energy: 10.6 eV</li> <li><input checked="" type="checkbox"/> Calibration Gas: Isobutylene 10 ppmv / 100 ppmv</li> <li><input type="checkbox"/> FID Type:</li> <li><input type="checkbox"/> LEL/O<sub>2</sub> Meter</li> <li><input type="checkbox"/> Others:</li> </ul>	<ul style="list-style-type: none"> <li>10-lb ABC Fire Extinguisher</li> <li>"Caution" and "Danger" Tape</li> <li>Traffic Cones or Delineators</li> <li><input checked="" type="checkbox"/> Warning Signs or Placards</li> <li><input checked="" type="checkbox"/> Decontamination Equipment</li> <li><input checked="" type="checkbox"/> First Aid Kit</li> <li><input type="checkbox"/> Others:</li> </ul>

**Notes:**

1. All direct reading instruments should be calibrated onsite once per day using the appropriate calibration gas standards and in accordance with the manufacturer's instructions.
2. A 10-foot work zone / exclusion zone is required wherever available to control access to heavy equipment and/or hazardous exposure situations. Only authorized persons will be allowed to enter work zone / exclusion zone.

## 10.0 COMMUNITY AIR MONITORING PLAN (CAMP)

A CAMP is included as Appendix G of this RAWP.

## 11.0 PERMISSIBLE EXPOSURE LIMITS FOR CHEMICAL CONTAMINANTS

Chemical Name (CAS #)	Molecular Weight <sup>1</sup>	Vapor Pressure (mm-Hg) <sup>1</sup>	Ionization Potential (eV) <sup>1</sup>	OSHA PEL (ppmv) <sup>1</sup>	Cal-OSHA PEL (ppmv)	NIOSH REL (ppmv) <sup>1</sup>	ACGIH TLV (ppmv)
Benzene* (71-43-2)	78.1	75	9.24	TWA 1ppm STEL 5ppm	0.0004- 0.0015ppm	TWA 0.1ppm STEL 1ppm	TWA 0.5ppm STEL 2.5ppm
Toluene (108-88-3)	92.1	21	8.82	TWA 200ppm C 300ppm	0.19ppm	TWA 100ppm STEL 150ppm	TWA 20ppm
Ethylbenzene (100-41-4)	104.2	5	8.40	TWA 100ppm C 200ppm	TWA 100ppm	TWA 100ppm STEL 125ppm	TWA 100ppm STEL 125ppm
o-Xylene (95-47-6)	106.2	7	8.56	TWA 100ppm	TWA 100ppm	TWA 100ppm STEL 150ppm	TWA 100ppm STEL 150ppm
m-Xylene (108-38-3)	106.2	9	8.56	TWA 100ppm	TWA 100ppm	TWA 100ppm STEL 150ppm	TWA 100ppm STEL 150ppm
p-Xylene (106-42-3)	106.2	9	8.44	TWA 100ppm	TWA 100ppm	TWA 100ppm STEL 150ppm	TWA 100ppm STEL 150ppm
Gasoline (8006-61-9)	110	38 - 300	---	---	500ppm (15-minutes)	TWA 300ppm STEL 500ppm	TWA 300ppm STEL 500ppm
Diesel (Not Applicable)	---	---	---	---	--	---	TWA 15ppm (vapor)
Waste Oil (Not Applicable)	---	---	---	---	---	---	TWA 5 mg/m <sup>3</sup> (fumes)
Lead* (7439-92-1)	207.2	0	---	TWA 0.05 mg/m <sup>3</sup>	TWA 50 µg/m <sup>3</sup>	TWA 0.05 mg/m <sup>3</sup>	TWA 0.05 mg/m <sup>3</sup>

1) Source: National Institute for Occupational Safety and Health (NIOSH), 2004. "NIOSH Pocket Guide to Chemical Hazards", February 2004.

PEL = permissible exposure limit

REL = recommended exposure limit

TLV = threshold limit value

C = ceiling concentration

TWA = time-weighted average

STEL = short-term exposure limit

IDLH = immediately dangerous to life or health

^NIOSH recommendation is to "minimize workplace exposure concentrations" (see Appendix A of the NIOSH Pocket Guide to Chemical Hazards).

**\* Asterisk indicates that the chemical is known to the State of California to cause cancer per the Proposition 65 list of chemicals and the Safe Drinking Water and Toxic Enforcement Act of 1986 (revised December 2, 2005)**

Atmospheric vapor concentrations will be monitored via a photo-ionization detector (PID) with lamp energy appropriate for the contaminants of interest or equivalent to determine appropriate action levels. The PID will be

calibrated daily by AEI personnel prior to use. Calibration will be performed in accordance with the manufacturer specifications and recorded in a log book kept with the instrument. Ambient breathing space measurements should be collected every 5 to 15 minutes (minimum) during drilling and other field activities.

## 12.0 DECONTAMINATION PROCEDURES [CAL/OSHA 8 CCR 5192(K)]

All down-hole soil and groundwater sampling equipment (e.g., split spoons, hand augers, probe rods, discrete samplers, etc.), hand tools, purge pumps, water level indicators, etc. will be decontaminated before, between, and after use with Alconox or an equivalent phosphate-free detergent solution to reduce the risk of cross-contamination.

Decontamination of all sampling equipment will consist of submerging the equipment in a detergent solution bath and scrubbing it with dedicated brushes. The equipment will then be placed in a rinse bath and agitated. A second rinse bath will be used as needed.

## 13.0 EMPLOYEE TRAINING [CAL/OSHA 8 CCR 5192(E)]

All personnel working onsite must have had at a minimum the required 24 or 40-hour OSHA training for HAZWOPER with current annual 8-hour refresher, which includes the use of respirators and PPE. Annual individualized respirator fit testing is required for all applicable AEI employees working at the site.

During the daily Site Health and Safety Briefing or "Tailgate Safety Meeting", at a minimum the following should be discussed:

- 1) Scope of work, including personnel project responsibilities.
- 2) A description of the levels of personal protection at the site and the steps taken to select each level.
- 3) Emergency procedures. Identify Emergency gathering location.
- 4) Nature of the known or anticipated hazards, including the location of the Material Safety Data Sheets (MSDS) for the chemicals at the site.
- 5) Review safe work practices and identify any prohibited or forbidden practices.
- 6) Permissible smoking location. (aware of city/local ordinances for smoking)

Attendance at the Site Health and Safety Briefing or "Tailgate Safety Meeting" will be mandatory and all personnel coming on-site following the initial daily meeting will be subject to their own Site Health and Safety Briefing prior to entering the site. All personnel will be required to sign the Health and Safety Briefing/Site Orientation Record to signify understanding and adherence to AEI's HASP.

## 14.0 SITE HAZARD ASSESSMENT

= Applies, or required item(s) available.  = Not Applicable.)

### HAZARD ASSESSMENT: PHYSICAL HAZARDS AND RELATED CONCERNS [CAL/OSHA 8 CCR 5192]

- Confined Space Entry (CSE).** Confined space entry means the *potentially hazardous* entry into any space which, by design, has limited openings for entry and exit, unfavorable natural ventilation which could contain or produce dangerous air contaminants, and which is not intended for continuous employee occupancy. Confined spaces include but are not limited to storage tanks, compartments of ships, process vessels, pits, silos, vats, degreasers, reaction vessels, boilers, ventilation and exhaust ducts, sewers, tunnels, underground utility vaults, and pipelines. Other environments which must be treated as confined spaces include *test pits, and basements, garages, warehouses and other indoor areas where mechanical (i.e., diesel, propane, gasoline or similarly powered) equipment must be operated for drilling or test pitting purposes.* Confined space entry should be allowed only when absolutely necessary, and then only when all requirements of AEI's Confined Space Entry Control Program, and/or CSE Program Supplement for Indoor Drilling (and Similar Operations) and/or Trench and



Excavation Safety and Health Guide (and CSE Program Supplement), contained in the Health and Safety Program Manual, have been satisfied.

- Construction Hazards, Drill Rigs, Backhoes, etc.** The use of drill rigs, backhoes and other heavy equipment represent potentially serious construction hazards. Whenever such equipment is used, personnel in the vicinity should be limited to those who must be there to complete their assigned duties. All personnel must avoid standing within the turning radius of the equipment or below any suspended load. Job sites must be kept as clean, orderly and sanitary as possible. When water is used, care must be taken to avoid creating muddy or slippery conditions.

Never turn your back to operating machinery. Never wear loose clothing jewelry, hair or other personal items around rotating equipment or other equipment that could may catch or ensnare loose clothing, jewelry, hair or other personal items. Always stand far enough away from operating machinery to prevent accident contact which may result from mechanical or human error.

Additionally, the following basic personal protective measures must be observed: **Hardhats** must be worn to protect against bumps or falling objects. **Safety glasses** must be worn when necessary to protect against chemicals or other hazards. **Steel-toed safety shoes or boots** are also required. The shoes must be chemically resistant or protected with appropriately selected boots/coverings where necessary. Unless otherwise specified, normal **work clothes** must be worn. Gloves are also required whenever necessary to protect against hazardous contact, cuts, abrasions or other possible skin hazards.

- Drums and Buried Drums.** As a precautionary measure, personnel must assume that *labeled* and *unlabeled drums* encountered during field activities contain hazardous materials until their contents can be confirmed and characterized. Personnel should recognize that drums are frequently mislabeled, particularly drums that are reused.

Only trained and authorized personnel should be allowed to perform drum handling. Prior to any handling, drums must be visually inspected to gain as much information as possible about their contents. Trained field personnel must look for signs of deterioration such as corrosion, rust or leaks, and for signs that the drum is under pressure such as swelling or bulging. Drum-type and drumhead configuration may provide the observer with information about the type of material inside, (i.e., a removable lid is designed to contain solids, while the presence of a bung indicates liquid storage).

Although not usually anticipated, buried drums can be encountered when digging test pits. Therefore, the following provisions must be observed if drums are encountered. Machine excavation (i.e., backhoe) should cease immediately anytime a drum is encountered. The appropriate management personnel should be notified immediately. All AEI personnel should be instructed to immediately leave the work area.

- Fire and Explosion.** The possibility of flammable materials being encountered during field activities must be recognized and the appropriate steps necessary to minimize fire and explosion must be observed. This includes situations where *excessive organic vapors or free product* are encountered. When this occurs, monitoring with a combustible gas indicator (CGI), is required.

Excessive organic vapors, for the purposes of initiating the use of a CGI, are defined as sustained readings (i.e., continuous for at least five minutes) at or above 250 units or as an instantaneous reading at or above 1,000 units on the PID or FID, in close proximity (within 1 foot or less) of the borehole, test pit, sampling location or other area of potential exposure.

In situations where hexane, methanol are needed for field activities, the following precautions must be observed: keep flammable and combustible materials away from heat, sparks and open flames; do not smoke around flammable or combustible materials; and keep all flammable and combustible liquids in approved and properly labeled safety containers.

- Landfill/Methane Hazards.** Fire and explosion should be regarded as one of, if not the, most significant potential hazards associated with drilling operations and other intrusive work conducted at a landfill. Accordingly, all sources of ignition must be fully controlled. Failure to control ignition sources could result in fire, explosion and pose a serious threat to life and health. Control methods may include forced ventilation and/or filling the borehole with enough water to inhibit the release of methane and other gases which would otherwise escape through the top of the borehole.

If forced (mechanical) ventilation is to be used, all such equipment must be approved for Class I, Division I hazardous atmospheres. The blower must be positioned to blow across the top of the borehole so that gases and vapors may be diluted as they exit the borehole. Do not attempt to suck out the gases or vapors. Blowers, all other mechanical equipment, and tools which could release sparks or static electricity must be bonded and grounded.

Regardless of the gas/vapor control method used, the atmosphere surrounding the borehole must be frequently monitored using direct reading instruments approved for Class I, Division I hazardous atmospheres. Monitoring should be conducted within 1 to 2 feet of the top of the borehole. Do not insert sampling devices into the borehole. Never approach the auger or drill shaft while it is in operation.

Regardless of actual instrument readings, if all sources of ignition can not be controlled, operations should be immediately shut down if readings equal or exceed 10% of LEL and the area evacuated until ignition sources have been eliminated.

Ignition sources include, but are not limited to: smoking, static electricity, lighting, open flames, spontaneously ignitable substances, frictional heat or sparks, hot surfaces, radiant heat, electrical sparks, stray currents, cutting and welding, and ovens, furnaces and heating equipment.

- ☒ **Heat and Cold Stress.** Overexposure to temperature extremes can represent significant risks to personnel if simple precautions are not observed. Typical control measures designed to prevent **heat stress** include dressing properly, drinking plenty of the right fluids, and establishing an appropriate work/break regimen. Typical control measures designed to prevent **cold stress** also include dressing properly, and establishing an appropriate work/break regimen.
- ☒ **Moving Vehicles, Traffic Safety.** All vehicular traffic routes which could impact worker safety must be identified and communicated. Whenever necessary, barriers or other methods must be established to prevent injury from moving vehicles. This is particularly important when field activities are conducted in parking lots, driveways, ramps or roadways
- ☒ **Noise.** Noise exposure can be affected by many factors including the number and types of noise sources (continuous vs. intermittent or impact), and the proximity to noise intensifying structures such walls or building which cause noise to bounce back or echo. The single most important factor effecting total noise exposure is distance from the source. The closer one is to the source the louder the noise. The operation of a drill rig, backhoe or other mechanical equipment can be sources of significant noise exposure. In order to reduce the exposure to this noise, personnel working in areas of excessive noise must use hearing protectors (ear plugs or ear muffs).

*Rule-of-Thumb: Wherever actual data from sound level meters or noise dosimeters is unavailable and it is necessary to raise one's voice above a normal conversational level to communicate with others within 3 to 5 feet away, hearing protection should be worn.*

- ☒ **Overhead Utilities and Hazards.** Overhead hazards can include low hanging structures which can cause injury due to bumping into them. Other overhead hazards include *falling objects, suspended loads, swinging loads and rotating equipment*. Hardhats must be worn by personnel in areas where these types of physical hazards may be encountered. Barriers or other methods must also be used to exclude personnel from these areas where appropriate. Electrical wires are another significant overhead hazard. According to OSHA (29 CFR 1926.550), *the minimum clearance which must be maintained from overhead electrical wires is 10 feet* from an electrical source rated  $\leq 50$  kV. Sources rated  $> 50$  kV require a minimum clearance of 10 feet plus 0.4 inch per kV above 50 kV.
- ☒ **Pedestrian Traffic.** The uncontrolled presence of pedestrians on a drilling or excavation site can be hazardous to both pedestrians and site workers. The site should be surveyed to determine if, when and where pedestrian may gain access. This includes walkways, parking lots, gates and doorways. Barriers or caution tape should be used to exclude all pedestrian traffic. *Exclusion of pedestrian traffic is intended to prevent injury to the pedestrians and eliminate distractions which could cause injury to AEI personnel or other site workers.*
- ☒ **Test Pit and/or other Excavations.** All provisions of the OSHA trenching and excavation standard (29 CFR 1926.650-652) must be followed during excavation activities. This includes *all test pit excavation and sampling activities*. The estimated location of utility installations, such as sewer, telephone, electric, water lines and other underground installations that may reasonably be expected to be encountered during excavation work, must be determined prior to opening an excavation.

A ladder or similar means of egress must be located in excavations greater than 4 feet in depth so as to require no more than 25 feet of lateral travel for employees. *No person should be allowed to enter an excavation greater than 5 feet in depth unless the walls of the excavation have been protected using an approved shield (trench box), an approved shoring system, or the walls have been sloped back to an angle of 34 degrees, and the excavation is free of accumulated water.* If personnel enter an excavation, the spoils pile and all materials must be placed at least 2 feet from the edge of the excavation to prevent the materials from rolling into the excavation. *Personnel must remain at least 2 feet away from the edge of the excavation at all times.* Upon completion of a test pit exploration, the excavation should be backfilled and graded. Excavation should never be left open unless absolutely necessary, and then only with proper barricading and controls to prevent accidental injury.

- ☒ **Underground Utilities and Hazards.** The identification of underground storage tanks (USTs), pipes, utilities and other underground hazards is critically important prior to all drilling, excavating and other intrusive activities. In accordance with OSHA 29 CFR 1926.650, *the estimated location of utility installations, such as sewer, telephone, electric, water lines and other underground installations that may reasonably be expected to be encountered during excavation work, must be determined* prior to opening an excavation. The same requirements apply to drilling operations and the use of soil-gas probes. Where public utilities may exist, the utility agencies or operators must be contacted directly or through a utility-sponsored service such as *Dig-Safe*. Where other underground hazards may exist, reasonable attempts must be made to identify their locations as well. *Failure to identify underground hazards can lead to fire, explosion, flooding, electrocution or other life threatening accidents.*

- Water Hazards and Boat Sampling.** The collection of water or sediment samples on or immediately adjacent to a body of water can pose significant hazards. In addition to the slip, trip and fall hazards associated with wet surfaces, the potential for drowning accidents must be recognized. These hazards can be intensified by the use of some PPE, particularly if respiratory protection is worn.

## **HAZARD ASSESSMENT: CHEMICAL HAZARDS AND RELATED CONCERNS [CAL/OSHA 8 CCR 5192]**

- Chemicals Subject to OSHA Hazard Communication.** All chemicals used in field activities such as solvents, reagents, decontamination solutions, or any other hazardous chemical must be accompanied by the required labels, Material Safety Data Sheets (MSDS), and employee training documentation (OSHA 1910.1200). For additional information refer to **AEI's Hazard Communication Program** contained in the Health and Safety Program manual.

- Asbestos.** Disturbance of building materials in buildings built prior to 1980 must be evaluated for the presence of asbestos-containing materials by an accredited AEI inspector. The inspection and/or removal of asbestos-based or asbestos-containing building materials are regulated by some major cities and several states. Regulations require individuals who conduct building inspections for the presence of asbestos or collect samples of asbestos containing materials to be licensed or certified. AEI employees must determine the applicability of these regulations prior to any activities involving asbestos. The primary health effects of asbestos exposure include asbestosis (a scarring of the lungs), lung cancer, mesothelioma and other forms of cancer. Exposure to asbestos is regulated by a comprehensive OSHA standard (29 CFR 1910.1001).

- BTEX Compounds.** Exposure to the vapors of **benzene, ethyl benzene, toluene** and **xylene** above their respective permissible exposure limits (PELs), as defined by the Occupational Safety and Health Administration (OSHA), may produce irritation of the mucous membranes of the upper respiratory tract, nose and mouth. Overexposure may also result in the depression of the central nervous system. Symptoms of such exposure include drowsiness, headache, fatigue and drunken-like behavior. Benzene has been determined to be carcinogenic, targeting blood-forming organs and bone marrow. The odor threshold for benzene is higher than the PEL and employees may be overexposed to benzene without sensing its presence, therefore, detector tubes must be utilized to evaluate airborne concentrations.

The vapor pressures of these compounds are high enough to generate significant quantities of airborne vapor. On sites where high concentrations of these compounds are present, a potential inhalation hazard to the field team during subsurface investigations can result. However, if the site is open and the anticipated quantities of BTEX contamination are small (i.e., part per million concentrations in the soil or groundwater), overexposure potential will also be small.

- Carbon Monoxide.** Carbon monoxide (CO) is a gas usually formed by the incomplete combustion of various fuels. Welding, cutting and the operation internal combustion engines can produce significant quantities of CO. Amounts of CO can quickly rise to hazardous levels in poorly ventilated areas. CO is odorless and colorless. It cannot be detected without appropriate monitoring equipment. LEL/O<sub>2</sub> meters and H-Nu/PIDs are not appropriate for the detection of CO. A direct reading instrument, calibrated for CO, should be used. Common symptoms of overexposure include pounding of the heart, a dull headache, flashes before the eyes, dizziness, ringing in the ears and nausea. These symptoms must not be relied upon in place of an appropriately calibrated monitoring instrument. Exposures should not exceed 15 ppm. Exposures above 15 ppm require the use of supplied air respirators. Air purifying respirators are not approved for protection against CO.

- Chlorinated Organic Compounds.** Exposure to the vapors of many chlorinated organic compounds such as vinyl chloride, tetrachloroethene, 1,1,1-trichloroethane, trichloroethene and 1,2-dichloroethene above their respective permissible exposure limits (PELs) will result in similar symptoms. The actual PELs as set by the Occupational Safety and Health Administration (OSHA) vary depending on the specific compound.

Overexposure to the vapor of these compounds can cause irritation of the eyes, nose and throat. The liquid, if splashed in the eyes, may cause burning irritation and damage. Repeated or prolonged skin contact with the liquid may cause dermatitis. Acute overexposure to chlorinated hydrocarbons depresses the central nervous system exhibiting such symptoms as drowsiness, dizziness, headache, blurred vision, in-coordination, mental confusion, flushed skin, tremors, nausea, vomiting, fatigue and cardiac arrhythmia. Alcohol may make symptoms of overexposure worse. If alcohol has been consumed, the overexposed worker may become flushed. Some of these compounds are considered to be potential human carcinogens. Exposure to *vinyl chloride* is regulated by a comprehensive OSHA standard (29 CFR 1910.1017).

- Chromium Compounds.** Hexavalent chromium compounds, upon contact with the skin can cause ulceration and possibly an allergic reaction. Inhalation of hexavalent chromium dusts is irritating and corrosive to the mucous membranes of the upper respiratory tract. Chrome ulcers and chrome dermatitis are common occupational health effects from prolonged and repeated exposure to hexavalent chromium compounds. Acute exposures to hexavalent chromium dusts may cause coughing or wheezing, pain on deep inspiration, tearing, inflammation of the conjunctiva, nasal itch and soreness or ulceration of the nasal septum. Certain forms of hexavalent chromium have been found to cause increased respiratory cancer among workers.

Trivalent chromium compounds (chromic oxide) are generally considered to be of lower toxicity, although dermatitis may occur as a result of direct handling.

**Cutting Oils.** Cutting oils may produce a condition known as "cutting oil acne," a specific dermatosis associated with prolonged and repeated direct contact. Other problems associated with continued occupational exposure to cutting fluids include allergic skin sensitization, folliculitis and squamous cell carcinoma, due to the presence of nitrosamines.

**Fuel Oil.** See Petroleum Hydrocarbons (PHC)

**Gasoline.** See BTEX Compounds, and Tetraethyl and Tetramethyl Lead.

**Herbicides.** Some of the commonly used herbicides present a low toxicity to man. However, other herbicides pose more serious problems. Organophosphorus and carbamate herbicides, if inhaled or ingested can interfere with the functioning of the central nervous system. Many herbicides can be readily absorbed through the skin to cause systemic effects. In addition to being absorbed through the skin, many herbicides, upon contact with the skin, may cause discoloring, skin irritation or dermatitis. Contaminants of commercial preparations of chlorinated phenoxy herbicides such as 2,4,5-T include 2,3,7,8-tetrachlorodibenzo-p-dioxin (dioxin). Dioxin is a known mutagen and a suspect carcinogen.

**Hydrogen Sulfide (H<sub>2</sub>S).** Hydrogen sulfide, characterized by its "rotten egg" odor, is produced by the decomposition of sulfur-containing organic matter. It is found in many of the same areas where methane is found such as landfills, swamps, sewers and sewer treatment facilities. An important characteristic of H<sub>2</sub>S is its ability to cause a decrease in ones ability to detect its presence by smell. So although one may no longer be able to smell it, it could still be present in harmful concentrations.

The symptoms of over exposure include headache, dizziness, staggering and nausea. Severe over exposure can cause respiratory failure, coma, and death. The current OSHA PEL is 10 ppm as an 8-hour TWA. The ACGIH TLV is the same.

**Lead Paint.** The inspection and/or removal, sanding, grinding, etc. of lead-based or lead-containing paints is now strictly regulated by OSHA. States may require individuals who conduct lead paint inspections or collect samples of lead paint to be licensed or certified. AEI employees must determine the applicability of these regulations prior to any activities involving lead paint. For additional health information, see Metal Compounds.

**Metal Compounds.** Overexposure to metal compounds has been associated with a variety of local and systemic health hazards, both acute and chronic in nature, with chronic effects being most significant. Direct contact with the dusts of some metal compounds can result in contact or allergic dermatitis. Repeated contact with arsenic compounds may result in hyperpigmentation. Cases of skin cancer due to the trivalent inorganic arsenic compounds have been documented. The moist mucous membranes, particularly the conjunctivae, are most sensitive to the irritating effects of arsenic. Copper particles embedded in the eye result in a pronounced foreign body reaction with a characteristic discoloration of eye tissue.

Inhalation of copper and zinc dusts and fumes above their established PELs may result in flu-like symptoms known as "metal fume fever." Prolonged and repeated inhalation of the dusts of inorganic arsenic compounds above the established PEL may result in weakness, loss of appetite, a sense of heaviness in the stomach and vomiting. Respiratory problems such as cough, hoarseness and chest pain usually precede the gastrointestinal problems. Chronic overexposure to the dusts of inorganic arsenic may result in lung cancer.

The early symptoms of lead poisoning are usually nonspecific. Symptoms include sleep disturbances, decreased physical fitness, headache, decreased appetite and abdominal pains. Chronic overexposure may result in severe colic and severe abdominal cramping. The central nervous system (CNS) may also be adversely effected when lead is either inhaled or ingested in large quantities for extended periods of time. The peripheral nerve is usually affected. "Wrist drop" is peculiar to such CNS damage. Lead has also been characterized as a male and female reproductive toxin as well as a fetotoxin. Exposure to lead (Pb) is regulated by a comprehensive OSHA standard (29 CFR 1910.1025).

**Methane.** Methane is an odorless, colorless, tasteless, gas that cannot be detected by an H-Nu or similar PID. When present in high concentrations in air, methane acts primarily as a simple asphyxiant without other significant physiologic effects. Simple asphyxiants dilute or displace oxygen below that required to maintain blood levels sufficient for normal tissue respiration.

Methane has a lower explosive limit (LEL) of 5 percent and an upper explosive limit (UEL) of 15 percent. The LEL of a substance is the minimum concentration of gas or vapor in air below which the substance will not burn when exposed to a source of ignition. This concentration is expressed in percent by volume. Below this concentration, the mixture is "too lean" to burn or explode. The UEL of a substance is the maximum concentration of gas or vapor in air above which the substance will not burn when exposed to a source of ignition. Above this concentration, the mixture is "too rich" to burn or explode. The explosive range is the range of concentrations between the LEL and UEL where the gas-air mixture will support combustion. For methane this range is 5 to 15 percent.

**MTBE.** Methyl tertiary butyl ether (MTBE) is a volatile, flammable and colorless liquid that is relatively soluble in water. MTBE has a typical odor reminiscent of diethyl ether, leading to unpleasant taste and odor in water. MTBE is almost exclusively used as a fuel component in motor gasoline. The EPA has concluded that available data are not adequate to estimate potential health risks of MTBE at low exposure levels in drinking water, but that the data support the conclusion

that MTBE is a potential human carcinogen at high doses. The ACGIH has recommended an exposure limit of 40 parts of MTBE per million parts of air (40 ppm) for an 8-hour workday, 40-hour workweek.

- Pesticides.** Pesticides can be grouped into three major categories: organophosphates, carbonate and chlorinated hydrocarbons. The actual PELs as set by the OSHA, vary depending on the specific compound. Organophosphates, including Diazinon, Malathion and Parathion, are quickly absorbed into the body by inhalation, ingestion and direct skin contact. The symptoms of exposure include headache, fatigue, dizziness, blurred vision, sweating, cramps, nausea and vomiting. More severe symptoms can include tightness of the chest, muscle spasms, seizures and unconsciousness. It should also be noted that the Malathion and Parathion PELs both carry the *Skin* notation, indicating that these compounds adversely effect or penetrate the skin. OSHA specifies that skin exposure to substances carrying this designation be prevent or reduced through the use of the appropriate PPE.

Chlorinated Hydrocarbons such as Chlordane, DDT and Heptachlor can cause dizziness, nausea, abdominal pain and vomiting. The more severe symptoms include epileptic like seizures, rapid heart beat, coma and death. These compounds also carry the OSHA *Skin* notation. The symptoms of exposure to carbamate such Carbaryl (also known as Sevin) are similar to those described for the organophosphates. However, the OSHA exposure limit for Carbaryl *does not* carry the Skin notation.

- Petroleum Hydrocarbons (PHCs).** Petroleum Hydrocarbons such as fuel oil are generally considered to be of low toxicity. Recommended airborne exposure limits have not been established for these vapors. However, inhalation of low concentrations of the vapor may cause mucous membrane irritation. Inhalation of high concentrations of the vapor may cause pulmonary edema. Repeated or prolonged direct skin contact with the oil may produce skin irritation as a result of defatting. Protective measures, such as the wearing of chemically resistant gloves, to minimize contact are addressed elsewhere in this plan. Because of the relatively low vapor pressures associated with PHCs, an inhalation hazard in the outdoor environment is not likely.

- Polychlorinated Biphenyls (PCBs).** Prolonged skin contact with PCBs may cause the formation of comedones, sebaceous cysts, and/or pustules (a condition known as chloracne). PCBs are considered to be suspect carcinogens and may also cause reproductive damage.

The OSHA permissible exposure limits (PELs) for PCBs are as follows:

<i>Compound</i>	<i>PEL (8-hour time-weighted average)</i>
Chlorodiphenyl (42% Chlorine)	1 mg/m <sup>3</sup> - Skin
Chlorodiphenyl (54% Chlorine)	0.5 mg/m <sup>3</sup> - Skin

It should be noted that PCBs have extremely low vapor pressures (0.001 mm Hg @ 42% Chlorine and 0.00008 mm Hg @ 54% Chlorine). This makes it unlikely that any significant vapor concentration (i.e., exposures above the OSHA PEL) will be created in the ambient environment. This minimizes the potential for any health hazards to arise due to inhalation unless the source is heated or generates an airborne mist. If generated, vapor or mists above the PEL may cause irritation of the eyes, nose, and throat. The exposure limits noted above are considered low enough to prevent systemic effects but it is not known if these levels will prevent local effects. It should also be noted that both PELs carry the *Skin* notation, indicating that these compounds adversely effect or penetrate the skin. OSHA specifies that skin exposure to substances carrying this designation be prevented or reduced through the use of the appropriate personal protective equipment (PPE).

- Polycyclic Aromatic Hydrocarbons (PAHs).** Due to the relatively low vapor pressure of PAH compounds, vapor hazards at ambient temperatures are not expected to occur. However, if site conditions are dry, the generation of contaminated dusts may pose a potential inhalation hazard. Therefore, dust levels should be controlled with wetting if necessary. Repeated contact with certain PAH compounds has been associated with the development of skin cancer. Contact of PAH compounds with the skin may cause photosensitization of the skin, producing skin burns after subsequent exposure to ultraviolet radiation. Protective measures, such as the wearing of chemically resistant gloves, are appropriate when handling PAH contaminated materials.

- Tetraethyl and Tetramethyl Lead.** Both compounds are used as anti-knock ingredients in gasoline. The inhalation of tetraethyl lead dusts may result in irritation of the respiratory tract. This dust, when in contact with moist skin or eye membranes, may cause itching, burning and transient redness.

The direct absorption of a sufficient quantity of tetraethyl lead, whether briefly at a high rate, or for prolonged periods at a low rate, may cause acute intoxication of the central nervous system. Mild degrees of intoxication may cause headache, anxiety, insomnia, nervous excitation and minor gastrointestinal disturbances.

- Volatile Organic Compounds (VOCs).** See BTEX compounds and Chlorinated Organic Compounds.

- Waste Oil.** See Petroleum Hydrocarbons (PHCs) and Cutting Oil.

## **HAZARD ASSESSMENT: BIOLOGICAL HAZARDS AND RELATED CONCERNS [CAL/OSHA 8 CCR 5192]**

- Insects.** Insects represent significant sources (vectors) of disease transmission. Therefore, precautions to avoid or minimize potential contact should be considered prior to all field activities. Disease or harmful effects can be transmitted through bites, stings or through direct contact with insects or through ingestion of foods contaminated by certain insects. Examples of disease transmitted by insect bites include encephalitis and malaria from contaminated mosquitoes, lyme disease and spotted fever from contaminated ticks. Stinging insects, such as bees and wasps, are prevalent throughout the country, particularly during the warmer months. The stings of these insects can be painful, and cause serious allergic reactions to some individuals.
- Lyme Disease.** Lyme disease is an infection caused by the bite of certain ticks, primarily deer, dog and wood ticks. The symptoms of Lyme disease usually start out as a skin rash then progress to more serious symptoms. The more serious symptoms can include lesions, headaches, arthritis and permanent damage to the neurological system. If detected early the disease can be treated successfully with antibiotics. The following steps are recommended for prevention of lyme disease and other diseases transmitted by ticks: a) Beware of tall grass, bushes, woods and other areas where ticks may live; b) Wear good shoes, long pants tucked into socks, a shirt with a snug collar, good cuffs around the wrists and tails tucked into the pants. Insect/tick repellents may also be useful; c) Carefully monitor for the presence of ticks. Carefully inspect clothes and skin when undressing. If a tick is attached to the skin, it should be removed with fine tipped tweezers. You should be alert for early symptoms over the next month or so. If you suspect that you have been bitten by a tick, you should contact a physician for medical advice.
- Medical Wastes and Bloodborne Diseases.** Any field activity where exposure to medical wastes or other sources of bloodborne pathogens can be reasonably anticipated must be conducted in accordance with the OSHA (29 CFR 1910.1030) *Bloodborne Pathogens* standard. According to the OSHA definition, Bloodborne Pathogens means pathogenic microorganisms that are present in human blood and can cause disease in humans. These pathogens include but are not limited to *hepatitis B virus (HBV)* and *human immunodeficiency virus (HIV)*. Wherever there is a potential for employee skin, eye, mucous membrane, or parenteral (skin or membrane piercing) contact with blood or other potentially infectious sources, *employers must develop a Written Exposure Control Plan*.
- Poisonous Plants.** The possible presence of poisonous plants should be anticipated for field activities in wooded or heavily vegetated areas. *Poison ivy* is a climbing plant with alternate green to red leaves (arranged in threes) and white berries. *Poison oak* is similar to poison ivy and *sumac* but its leaves are oak-like in form. The leaves of these poisonous plants produce an irritating oil which causes an intensely itching skin rash and characteristic blister-like lesions. Contact with these plants should be avoided.
- Rats, Snakes and Other Vermin.** Certain animals, particularly those that feed on garbage and other wastes, can represent significant sources (vectors) of disease transmission. Therefore, precautions to avoid or minimize potential contact with (biting) animals (such as rats) or animal waste (such as pigeon droppings) should be considered prior to all field activities. Rats, snakes and other wild animals can inflict painful bites. The bites can be poisonous (as in the case of some snakes), or disease causing (as in the case of rabid animals). Avoidance of these animals is the best protection.
- Waste Water and Sewage.** Sewage and waste water contaminated with raw, untreated sewage can represent significant sources of bacterial, viral or fungal contamination. Adverse effects, due to contact, can range from mild skin reactions or rashes to life threatening diseases. Diseases are easily transmitted by accidental ingestion or through skin contact, particularly if the skin is broken. Avoidance of direct contact and good personal hygiene are the best protection from these hazards.

## Cal/OSHA Forms Injury and Illness Incident Report

This *Injury and Illness Incident Report* (Form 301) is one of the first forms you must fill out when a recordable work related injury 929 CFR 1904.7(b)(1) - death, days away from work, restricted work or transfer to another job, medical treatment beyond first aid, loss of conscious, injury or illness diagnosed by a physician or other licensed health professional<sup>0</sup> has occurred. Together with accompanying *Annual Summary* (Form 300 and 300A) these forms help the employer and Cal/OSHA develop a picture of the extent and severity of work-related incidents.

Within 7 calendar days after you receive information that a recordable work-related injury or illness has occurred, you must fill out this form or an equivalent. Some state workers' compensation, insurance, or other reports may be acceptable substitutes. To be considered an equivalent form, any substitute must contain all the instructions and information asked for on this form.

According to CCR Title 8 Section 14300.33 Cal/OSHA's recordkeeping rule, you must keep this form on file for 5 years following the year to which it pertains.

**Attention:** This form contains information relating to employee health and must be used in a manner that protects the confidentiality of employees to the extent possible while the information is being used for occupational safety and health purposes. See CCR Title 8 14300.29(b)(6) to (10).

## Appendix A: CAL/OSHA Form 301

<b>Information about the employee</b>	
<b>Full name:</b>	
<b>Address:</b>	
<b>Date of birth:</b>	
<b>Date hired:</b>	
	Male: <input type="checkbox"/> Female: <input type="checkbox"/>

<b>Information about the physician or other health care professional</b>	
<b>Name of physician or other health care professional</b>	
<b>If treatment was given away from the worksite, where was it given?</b>	
<b>Facility:</b>	
<b>Address:</b>	
<b>Was employee treated in an emergency room?</b>	Yes: <input type="checkbox"/> No: <input type="checkbox"/>
<b>Was employee hospitalized overnight as an in-patient?</b>	Yes: <input type="checkbox"/> No: <input type="checkbox"/>

<b>Information about the case</b>	
<b>Case number from the log</b> <i>(Transfer the case number from the Log after you record the case.)</i>	
<b>Date of injury or illness:</b>	
<b>Time employee began work:</b>	AM:                      PM:
<b>Time of event:</b>	AM:                      PM:
<b>Check if time cannot be determined:</b>	
<p><b><i>What was the employee doing just before the incident occurred?</i></b></p> <p><b>Describe the activity, as well as the tools, equipment, or material the employee was using. Be specific.</b></p> <p><i>Examples: "climbing a ladder while carrying roofing materials"; "spraying chlorine from hand sprayer"; "daily computer key-entry."</i></p>	



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**What happened? Tell us how the injury occurred.**

*Examples:* "When ladder slipped on wet floor, worker fell 20 feet"; "Worker was sprayed with chlorine when gasket broke during replacement"; "Worker developed soreness in wrist over time."

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**What was the injury or illness? Tell us the part of the body that was affected and how it was affected; be more specific than "hurt," "pain," or sore."**

*Examples:* "strained back"; "chemical burn, hand"; "carpal tunnel syndrome."

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**What object or substance directly harmed the employee?**

*Examples:* "concrete floor"; "chlorine"; "radial arm saw."

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**If the employee died, when did death occur?**

Date of death:

<b>Completed By (Full Name):</b>	
<b>Title:</b>	
<b>Phone:</b>	
<b>Date:</b>	

## Appendix B: AEI Incident Evaluation Form

<b><i>Discuss the cause of the incident and future preventative measures</i></b>	
<b>Why did the accident occur (Root cause)?</b>	
<b>How can we avoid this from happening again (Solution)?</b>	
<b>Date of Implementation:</b>	
<b>Approved By: (Name and Title)</b>	

## Appendix C: Site Inspection Log

<b>PROJECT NAME:</b>	<b>LOCATION:</b>
<b>PROJECT NUMBER:</b>	<b>DATE:</b>
<b>PROJECT MANAGER:</b>	<b>COMPLETED BY:</b>
<b>SITE DESCRIPTION AND NATURE OF WORK:</b>	

### HAZARD COMMUNICATION

- Chemical hazards identified
- All containers properly labeled
- MSDS/workplace notebook on site
- Site safety briefing completed and documented

### ACCIDENTS/EMERGENCY INFO

- First aid personnel identified
- Hospital location identified-
- Police/Fire/Ambulance phone numbers available
- Incident investigation forms available
- Fire extinguisher present

### SANITATION

- Washing facilities available
- Toilet facilities available
- Approved trash receptacle available
- Water/refreshments available

### STORAGE

- Tools/Drill tooling/supplies safely stacked to prevent rolling or collapse
- Work areas and passage ways kept clear

### HOUSEKEEPING

- Work areas clean and orderly
- Storage areas clean and orderly
- Combustible scrap/debris removed regularly
- Waste containers of flammable or toxic materials covered

### OVERHEAD HAZARDS

- 15<sup>ft</sup> minimum clearance maintained
- All sources of falling objects/swinging loads/rotating equipment identified
- Barriers or other methods in place to prevent injury due to overhead hazards

### POSTING

- Emergency phone/contact info posted
- OSHA poster displayed

### UNDERGROUND HAZARDS

- All underground hazards identified and communicated to workers on site
- Utility/USA clearance confirmed
- Clearance dates: \_\_\_\_\_
- Clearance ID#: \_\_\_\_\_

### EXCAVATIONS and TRENCHES

- All personnel and storage at least 2<sup>ft</sup> from top edge of excavation
- Guarding/barriers in place

### VEHICULAR TRAFFIC

- All vehicular traffic routes which could impact worker safety identified and communicated
- Barriers or other methods established to prevent injury from moving vehicles

### PEDESTRIAN TRAFFIC/SITE CONTROL

- All walkways which could be impacted by site activities identified and communicated
- Barriers or other methods established to prevent pedestrian injury from site activities

### ENVIRONMENTAL HAZARDS

- Poisonous plants, stinging or biting insects, vermin, sewage, etc. identified and communicated

### COMMENTS/OTHER HAZARDS

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✓ = OK

NA = Not Applicable

## Appendix D: Health and Safety Briefing/Site Orientation Record

This is to verify that I, the undersigned, have been provided with a site (orientation) briefing regarding the safety and health considerations at 4778 Broadway, New York, New York 10034. I agree to abide by my employer's site-specific safety and health plan and other safety or health requirements applicable to the site.

NAME (PRINT)	SIGNATURE	COMPANY	DATE
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
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_____	_____	_____	_____
_____	_____	_____	_____

Site (orientation) Briefing Conducted By: \_\_\_\_\_ Date: \_\_\_\_\_

## **Appendix E: Subcontractor's Statement of Understanding Regarding Health and Safety Responsibilities**

Project Name: M4778 Broadway LLC

Project Number: 384736

In accordance with generally accepted practices, each Subcontractor engaged by AEI is responsible for all matters relating to the health and safety of its personnel and equipment in performance of the work. This includes recognition of the potential health and safety hazards associated with the work. AEI will establish a health and safety plan or program (HASP) applicable to its own employees and its own activities on site. AEI will make its HASP available to each subcontractor for informational purposes only. Each subcontractor must establish a HASP applicable to its own employees and its own activities on site.

Subcontractors who use AEI's HASP as a model for their own HASP are responsible for determining its adequacy and applicability to its own employees and its own activities on site. Subcontractors must establish their own HASP applicable to subcontractor employees and/or activities, even if modeled after AEI's HASP and deliver this HASP in clear written form to AEI prior to the initiation of on-site activities. Submittal of the subcontractor's HASP to AEI will be for informational purposes only. Review of the subcontractor's HASP by AEI shall in no way constitute approval or endorsement by AEI of the subcontractor's HASP. It is understood that protective measures specified in the Subcontractor's HASP are minimum requirements for the work.

Subcontractor warrants that all its employees that are permitted to engage in operations that could expose them to hazardous wastes, hazardous substances, or safety or health hazards have obtained the necessary health and safety training and medical surveillance as specified in the applicable provisions of OSHA

1926.59 Hazard Communication;  
1926.52 Occupational Noise Exposure;  
1926.103 Respiratory Protection;  
1926.65 Hazardous Waste Operations and Emergency Response;

as well as any other applicable portion of the OSHA General Industry (29 CFR 1910) and Construction Industry (29 CFR 1926) Standards. Subcontractor shall provide AEI with evidence of the necessary certification before beginning hazardous waste work subject to OSHA 1926.65 on the project site.

Should AEI become aware of subcontractor activities on site which appear to violate OSHA or other applicable safety regulations or otherwise pose an immediate and serious threat to the safety of AEI employees, subcontractor employees, other individuals on site, or members of the public, AEI may notify the subcontractor verbally and/or in writing regarding the need for corrective action. Failure to comply with either general safety practices or health and safety practices as described above may be grounds for breach and prompt contract termination. The safety requirements of the work as described above apply without regard to time, place, or presence of an AEI representative.

**THE PRESENCE OF AEI PERSONNEL ON THE SITE CARRYING OUT PROFESSIONAL ACTIVITIES DOES NOT MEAN THAT AEI UNDERTAKES TO OVERSEE THE SUBCONTRACTOR'S COMPLIANCE RESPONSIBILITIES.**

The undersigned agrees that he is authorized to execute this statement of understanding on behalf of their firm:

Firm: \_\_\_\_\_

Name (Print): \_\_\_\_\_ Title: \_\_\_\_\_

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**MISCELLANEOUS SITE CONTROL PROCEDURES**

**PLAN SIGN-OFF**

*(Please sign and date. See page 5 for Plan Acknowledgement and Approvals scope.)*

SSO/CP: \_\_\_\_\_ SS/PM: \_\_\_\_\_

H&S Representative: \_\_\_\_\_

Attach additional information as required

## **Appendix C**

### **Community Air Monitoring Program**



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## **Community Air Monitoring Plan (CAMP)**

**M4778 Broadway LLC  
BCP Site No. C231131  
4778 Broadway  
Manhattan, New York 10034**

The following Community Air Monitoring Plan (CAMP) will be implemented during the Site Characterization Work Plan to be performed at the M4778 Broadway LLC site (Site). Air monitoring will be conducted in accordance with the New York State Department of Health (NYSDOH) *Generic Community Air Monitoring Plan (CAMP)*. All air monitoring will be conducted on a real-time basis, using both hand-held field instruments and perimeter air monitoring stations, for VOCs and/or particulate levels at the perimeter of the exclusion zone or work area.

Continuous monitoring will be performed for all ground intrusive activities including boring installations, the break-up and removal of concrete foundations and the excavation of contaminated soil. Periodic monitoring for VOCs and particulates will be required during non-intrusive activities (if required) such as the collection of soil samples from stockpiles or the placement of clean backfill or cover materials.

This CAMP is not intended for use in establishing action levels for worker respiratory protection that shall be described in the site-specific HASP prepared by the Contractor for the proposed excavations. Rather, its intent is to provide a measure of protection for the downwind community (i.e. off-site receptors including residences and businesses) from potential airborne contaminant releases as a direct result of the proposed remedial work activities. Reliance on this CAMP should not preclude simple, common-sense measures to keep VOCs, dust, and odors at a minimum around the work areas. The action levels specified herein require increased monitoring, corrective actions to abate emissions, and/or work shutdown. Additionally, this CAMP will help prevent the remedial construction activities from spreading contamination off-site through the air.

### **Particulate Monitoring, Response Levels, and Actions**

Particulate monitoring must be employed during the handling of waste or contaminated soil or when activities on site may generate fugitive dust from exposed waste or contaminated soil. Remedial activities may also include the excavation, grading, or placement of clean fill. These control measures should not be considered necessary for these activities.

Particulate concentrations will be monitored continuously at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations (one placed upwind and one placed downwind). The particulate monitoring will be performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The equipment will be equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration will be visually assessed during all work activities.



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1. If the downwind PM-10 particulate level is 100 micrograms per cubic meter (mcg/m<sup>3</sup>) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques must be employed. Work may continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed 150 mcg/m<sup>3</sup> above the upwind level and provided that no visible dust is migrating from the work area.
  2. If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than 150 mcg/m<sup>3</sup> above the upwind level, work must be stopped and a re-evaluation of activities initiated. Work can resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 mcg/m<sup>3</sup> of the upwind level and in preventing visible dust migration.
  3. CAMP data will be reported to the NYSDEC and NYSDOH Project Managers on a weekly basis; if exceedances of action levels are detected, information regarding CAMP action level exceedances and Corrective Actions taken will be provided to the NYSDEC and the NYSDOH project managers the same business day of occurrence.

### **VOC Monitoring, Response Levels, and Actions**

Volatile organic compounds (VOCs) will be monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis or as otherwise specified. Upwind concentrations will be measured at the start of each workday and periodically thereafter to establish background conditions, particularly if wind direction changes. The monitoring work will be performed using equipment appropriate to measure the types of contaminants known or suspected to be present. The equipment will be calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate. The equipment will be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

1. If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities must be temporarily halted and monitoring continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities can resume with continued monitoring.
2. If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities must be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities can resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less - but in no case less than 20 feet, is below 5 ppm over background for the 15-minute average.
3. If the organic vapor level is above 25 ppm at the perimeter of the work area, activities must be shutdown.
4. All 15-minute readings will be recorded and be available for State (DEC and NYSDOH) personnel to review if requested. Instantaneous readings, if any, used for decision purposes will also be recorded.

## **Appendix D**

### **Citizen Participation Plan**





**Department of  
Environmental  
Conservation**

# **Brownfield Cleanup Program**

## **Citizen Participation Plan for M4778 Broadway LLC**

December 2020

Site No. C231131  
4778 Broadway

New York, NY 10034

## Contents

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\* \* \* \* \*

**Note:** The information presented in this Citizen Participation Plan was current as of the date of its approval by the New York State Department of Environmental Conservation. Portions of this Citizen Participation Plan may be revised during the site's investigation and cleanup process.

Applicant: **M4778 Broadway LLC (“Applicant”)**  
Site Name: **M4778 Broadway LLC (“Site”)**  
Site Address: **4778 Broadway**  
Site County: **New York**  
Site Number: **C231131**

## **1. What is New York’s Brownfield Cleanup Program?**

New York’s Brownfield Cleanup Program (BCP) works with private developers to encourage the voluntary cleanup of contaminated properties known as “brownfields” so that they can be reused and developed. These uses include recreation, housing, and business.

A *brownfield* is any real property that is difficult to reuse or redevelop because of the presence or potential presence of contamination. A brownfield typically is a former industrial or commercial property where operations may have resulted in environmental contamination. A brownfield can pose environmental, legal, and financial burdens on a community. If a brownfield is not addressed, it can reduce property values in the area and affect economic development of nearby properties.

The BCP is administered by the New York State Department of Environmental Conservation (NYSDEC) which oversees Applicants who conduct brownfield site investigation and cleanup activities. An Applicant is a person who has requested to participate in the BCP and has been accepted by NYSDEC. The BCP contains investigation and cleanup requirements, ensuring that cleanups protect public health and the environment. When NYSDEC certifies that these requirements have been met, the property can be reused or redeveloped for the intended use.

For more information about the BCP, go online at: <http://www.dec.ny.gov/chemical/8450.html> .

## **2. Citizen Participation Activities**

### *Why NYSDEC Involves the Public and Why It Is Important*

NYSDEC involves the public to improve the process of investigating and cleaning up contaminated sites, and to enable citizens to participate more fully in decisions that affect their health, environment, and social well-being. NYSDEC provides opportunities for citizen involvement and encourages early two-way communication with citizens before decision makers form or adopt final positions.

Involving citizens affected and interested in site investigation and cleanup programs is important for many reasons. These include:

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- Promoting the development of timely, effective site investigation and cleanup programs that protect public health and the environment
- Improving public access to, and understanding of, issues and information related to a particular site and that site's investigation and cleanup process
- Providing citizens with early and continuing opportunities to participate in NYSDEC's site investigation and cleanup process
- Ensuring that NYSDEC makes site investigation and cleanup decisions that benefit from input that reflects the interests and perspectives found within the affected community
- Encouraging dialogue to promote the exchange of information among the affected/interested public, State agencies, and other interested parties that strengthens trust among the parties, increases understanding of site and community issues and concerns, and improves decision making.

This Citizen Participation (CP) Plan provides information about how NYSDEC will inform and involve the public during the investigation and cleanup of the site identified above. The public information and involvement program will be carried out with assistance, as appropriate, from the Applicant.

#### *Project Contacts*

Appendix A identifies NYSDEC project contact(s) to whom the public should address questions or request information about the site's investigation and cleanup program. The public's suggestions about this CP Plan and the CP program for the site are always welcome. Interested people are encouraged to share their ideas and suggestions with the project contacts at any time.

#### *Locations of Reports and Information*

The locations of the reports and information related to the site's investigation and cleanup program also are identified in Appendix A. These locations provide convenient access to important project documents for public review and comment. Some documents may be placed on the NYSDEC web site. If this occurs, NYSDEC will inform the public in fact sheets distributed about the site and by other means, as appropriate.

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### *Site Contact List*

Appendix B contains the site contact list. This list has been developed to keep the community informed about, and involved in, the site's investigation and cleanup process. The site contact list will be used periodically to distribute fact sheets that provide updates about the status of the project. These will include notifications of upcoming activities at the site (such as fieldwork), as well as availability of project documents and announcements about public comment periods.

The site contact list includes, at a minimum:

- Chief executive officer and planning board chairperson of each county, city, town and village in which the site is located;
- Residents, owners, and occupants of the site and properties adjacent to the site;
- The public water supplier which services the area in which the site is located;
- Any person who has requested to be placed on the site contact list;
- The administrator of any school or day care facility located on or near the site for purposes of posting and/or dissemination of information at the facility;
- Location(s) of reports and information.

The site contact list will be reviewed periodically and updated as appropriate. Individuals and organizations will be added to the site contact list upon request. Such requests should be submitted to the NYSDEC project contact(s) identified in Appendix A. Other additions to the site contact list may be made at the discretion of the NYSDEC project manager, in consultation with other NYSDEC staff as appropriate.

**Note:** The first site fact sheet (usually related to the draft Remedial Investigation Work Plan) is distributed both by paper mailing through the postal service and through DEC Delivers, its email listserv service. The fact sheet includes instructions for signing up with the appropriate county listserv to receive future notifications about the site. See <http://www.dec.ny.gov/chemical/61092.html> .

Subsequent fact sheets about the site will be distributed exclusively through the listserv, except for households without internet access that have indicated the need to continue to receive site information in paper form. Please advise the NYSDEC site project manager identified in Appendix A if that is the case. Paper mailings may continue during the investigation and cleanup process for some sites, based on public interest and need.

### *CP Activities*

The table at the end of this section identifies the CP activities, at a minimum, that have been and will be conducted during the site's investigation and cleanup program. The flowchart in Appendix D shows how these CP activities integrate with the site investigation

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and cleanup process. The public is informed about these CP activities through fact sheets and notices distributed at significant points during the program. Elements of the investigation and cleanup process that match up with the CP activities are explained briefly in Section 5.

- **Notices and fact sheets** help the interested and affected public to understand contamination issues related to a site, and the nature and progress of efforts to investigate and clean up a site.
- **Public forums, comment periods and contact with project managers** provide opportunities for the public to contribute information, opinions and perspectives that have potential to influence decisions about a site's investigation and cleanup.

The public is encouraged to contact project staff at any time during the site's investigation and cleanup process with questions, comments, or requests for information.

This CP Plan may be revised due to changes in major issues of public concern identified in Section 3 or in the nature and scope of investigation and cleanup activities. Modifications may include additions to the site contact list and changes in planned citizen participation activities.

#### *Technical Assistance Grant*

NYSDEC must determine if the site poses a significant threat to public health or the environment. This determination generally is made using information developed during the investigation of the site, as described in Section 5.

If the site is determined to be a significant threat, a qualifying community group may apply for a Technical Assistance Grant (TAG). The purpose of a TAG is to provide funds to the qualifying group to obtain independent technical assistance. This assistance helps the TAG recipient to interpret and understand existing environmental information about the nature and extent of contamination related to the site and the development/implementation of a remedy.

An eligible community group must certify that its membership represents the interests of the community affected by the site, and that its members' health, economic well-being or enjoyment of the environment may be affected by a release or threatened release of contamination at the site.

As of the date the declaration (page 2) was signed by the NYSDEC project manager, it has been determined that the site does not pose a significant threat.

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To verify the significant threat status of the site, the interested public may contact the NYSDEC project manager identified in Appendix A.

For more information about TAGs, go online at <http://www.dec.ny.gov/regulations/2590.html>

Note: The table identifying the citizen participation activities related to the site's investigation and cleanup program follows on the next page:

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Citizen Participation Activities	Timing of CP Activity(ies)
<b>Application Process:</b>	
<ul style="list-style-type: none"> <li>• Prepare site contact list</li> <li>• Establish document repository(ies)</li> </ul>	At time of preparation of application to participate in the BCP.
<ul style="list-style-type: none"> <li>• Publish notice in Environmental Notice Bulletin (ENB) announcing receipt of application and 30-day public comment period</li> <li>• Publish above ENB content in local newspaper</li> <li>• Mail above ENB content to site contact list</li> <li>• Conduct 30-day public comment period</li> </ul>	When NYSDEC determines that BCP application is complete. The 30-day public comment period begins on date of publication of notice in ENB. End date of public comment period is as stated in ENB notice. Therefore, ENB notice, newspaper notice, and notice to the site contact list should be provided to the public at the same time.
<b>After Execution of Brownfield Site Cleanup Agreement (BCA):</b>	
<ul style="list-style-type: none"> <li>• Prepare Citizen Participation (CP) Plan</li> </ul>	Before start of Remedial Investigation <b>Note:</b> Applicant must submit CP Plan to NYSDEC for review and approval within 20 days of the effective date of the BCA.
<b>Before NYSDEC Approves Remedial Investigation (RI) Work Plan:</b>	
<ul style="list-style-type: none"> <li>• Distribute fact sheet to site contact list about proposed RI activities and announcing 30-day public comment period about draft RI Work Plan</li> <li>• Conduct 30-day public comment period</li> </ul>	Before NYSDEC approves RI Work Plan. If RI Work Plan is submitted with application, public comment periods will be combined and public notice will include fact sheet. Thirty-day public comment period begins/ends as per dates identified in fact sheet.
<b>After Applicant Completes Remedial Investigation:</b>	
<ul style="list-style-type: none"> <li>• Distribute fact sheet to site contact list that describes RI results</li> </ul>	Before NYSDEC approves RI Report
<b>Before NYSDEC Approves Remedial Work Plan (RWP):</b>	
<ul style="list-style-type: none"> <li>• Distribute fact sheet to site contact list about draft RWP and announcing 45-day public comment period</li> <li>• Public meeting by NYSDEC about proposed RWP (if requested by affected community or at discretion of NYSDEC project manager)</li> <li>• Conduct 45-day public comment period</li> </ul>	Before NYSDEC approves RWP. Forty-five day public comment period begins/ends as per dates identified in fact sheet. Public meeting would be held within the 45-day public comment period.
<b>Before Applicant Starts Cleanup Action:</b>	
<ul style="list-style-type: none"> <li>• Distribute fact sheet to site contact list that describes upcoming cleanup action</li> </ul>	Before the start of cleanup action.
<b>After Applicant Completes Cleanup Action:</b>	
<ul style="list-style-type: none"> <li>• Distribute fact sheet to site contact list that announces that cleanup action has been completed and that NYSDEC is reviewing the Final Engineering Report</li> <li>• Distribute fact sheet to site contact list announcing NYSDEC approval of Final Engineering Report and issuance of Certificate of Completion (COC)</li> </ul>	At the time the cleanup action has been completed. <b>Note:</b> The two fact sheets are combined when possible if there is not a delay in issuing the COC.

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### 3. Major Issues of Public Concern

This section of the CP Plan identifies major issues of public concern that relate to the site. Additional major issues of public concern may be identified during the course of the site's investigation and cleanup process.

No major issues of public concern such as potential impacts on nearby public water supply or private water wells, restrictions on community activities, or health concerns are associated with the investigation or cleanup process of the site at this time.

A gasoline filling and service station operated at the site from as early as 1921 until 1988. The former operations at the site resulted in petroleum contamination in soil and groundwater at the site at concentrations greater than their respective NYSDEC soil cleanup objectives and ambient water quality standards. The scope of work outlined in the Remedial Investigation Work Plan will further delineate the extent of the impacts resulting from the former gasoline filling and service station. Remedial activities that will be proposed in order to remediate the contamination identified during the Remedial Investigation and to protect the community will likely include soil excavation and groundwater pumping for offsite treatment. Proposed remedial actions will depend on the findings of the completed remedial investigation.

Environmental justice is defined as the fair treatment and meaningful involvement of all people regardless of race, color, national origin, or income with respect to the development, implementation, and enforcement of environmental laws, regulations, and policies.

Environmental justice efforts focus on improving the environment in communities, specifically minority and low-income communities, and addressing disproportionate adverse environmental impacts that may exist in those communities.

The Site is located in an area with a sizable Hispanic-American population nearby. Therefore, all future fact sheets will be translated into Spanish.

For additional information, visit: <https://statisticalatlas.com/zip/10040/Race-and-Ethnicity>

Other potential impacts may be related to noise, odor or truck-related traffic.

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#### 4. Site Information

Appendix C contains a map identifying the location of the site.

##### *Site Description*

The M4778 Broadway Site is located in an urban area on the southeast side of Broadway, between Dyckman Street and Academy Street, in Manhattan, New York. The area surrounding the site consists of mostly commercial and residential occupants. The Site is approximately 0.28 acres in size. The Site consists of a single-story former commercial car wash facility. The site is currently vacant; however, the most recent occupant was Soft Touch Car Wash, whose operations included interior and exterior automobile cleaning. In addition to the building, the site is improved with an asphalt-paved parking area on the western portion of the site.

##### *History of Site Use, Investigation, and Cleanup*

The site is currently vacant and was most recently occupied as a commercial car wash facility from approximately 1988 to 2017. From approximately 1921 to 1988, the property was occupied by a gasoline filling and service station. During this time span, multiple generations of underground storage tanks (USTs) were likely installed on the Site. It appears that the prior occupancy of the Site by a gasoline filling and service station led to on-site contamination.

An independent investigation by the previous site owner was conducted in March 2017. The results of this investigation indicated that a release of gasoline has impacted soil, and groundwater at the Site. Based on this information, the NYSDEC was notified of the release on April 24, 2017, and NYSDEC Spill #1700751 was issued.

In July of 2017, a preliminary remedial investigation was conducted by the previous site owner with oversight by the NYSDEC Spills Program. This investigation included the installation additional boring locations for soil and temporary well point groundwater samples. Following the completion of the soil and temporary well point sampling, three (3) permanent groundwater monitoring wells were installed and sampled on the site in late July and early August of 2017. Based on the findings of the remedial investigation, petroleum related contamination of onsite soil and groundwater was determined to be adequately characterized.

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No major issues of public concern such as potential impacts on nearby public water supply or private water wells, restrictions on community activities, or health concerns are associated with the investigation or cleanup process of the Site at this time.

The current owner, M4778 Broadway LLC, purchased the Site in June 2018 and subsequently elected to apply for entry into New York's Brownfield Cleanup Program.

Following entry into the Brownfield Cleanup Program and approval of the November 2019 Remedial Investigation Work Plan (RIWP) by NYSDEC and public review period, AEI mobilized to the Site in February 2020 to complete the BCP Remedial Investigation. RI field work was conducted at the Site on February 10-13<sup>th</sup> and February 25<sup>th</sup>, 2020.

The following work was completed during the RI:

- Twenty-eight (28) soil samples were collected from various depths at the seven (7) borings;
- Eighteen (18) soil vapor samples were collected, including nine (9) shallow soil vapor (3-5 feet bgs) and nine (9) deep soil vapor (collected from 12' bgs, or between one and two feet above the groundwater interface);
- Five (5) groundwater samples were collected from the two new monitoring wells and the three original monitoring wells;
- A geophysical survey conducted during the RI identified as many as nine (9) USTs onsite in the area of the former gasoline filling station.

The results of the soil sampling completed during the BCP RI indicated that Benzene, Toluene, Ethylbenzene, Xylene (BTEX), and other petroleum-related VOCs are present at concentrations in exceedance of the applicable NYSDEC Residential Restricted Use Soil Cleanup Objective (RRUSCO) and/or Protection of Groundwater Soil Cleanup Objective (PGWSCO) at various depths in boring locations on the north and northwestern portion of the Site. PAHs were also detected in a shallow soil sample at the Site at concentrations exceeding applicable SCOs; however, the presence of these compounds is likely the result of fill material present in the subsurface. No other significant VOCs, SVOCs, PCBs, Metals, Pesticides, Herbicides, 1,4-Dioxane, or PFAS were detected in any of the soil samples at concentrations exceeding the applicable NYSDEC RRUSCOs or PGWSCOs.

The results of the soil vapor sampling completed during the BCP RI indicate that significant soil vapor concentrations of gasoline related compounds including BTEX were detected in soil vapor sample SGS-9D, located on the northern portion of the Site.

The results of the groundwater sampling completed during the BCP RI indicate that BTEX and other petroleum-related VOCs are present at concentrations in exceedance of the applicable NYSDEC AWQS in the monitoring wells MW-1, MW-2, MW-3, MW-5 onsite. The highest concentrations of petroleum-related VOCs were detected in monitoring wells,

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MW-2 and MW-5, located on the north and northwestern portion of the Site in the area of the former gasoline filling station. No VOCs were detected in MW-4 located on the southern portion of the Site.

SVOCs 2,4-Dimethylphenol, Phenol, and Naphthalene, and dissolved and total metals Arsenic, Barium, Iron, Magnesium, Manganese, Sodium, and Thallium were also detected in groundwater samples at the Site at concentrations exceeding their applicable NYSDEC AWQS.

Additionally, individual PFOA and PFOS concentrations, other individual PFAS concentrations, and combined PFAS concentrations exceeded the screening levels outlined in the Guidelines for Sampling and Analysis of PFAS Under NYSDEC's Part 375 Remedial Programs (January 2020). The highest concentrations of PFAS compounds were detected in groundwater samples from monitoring wells MW-2, MW-3, and MW-5, located on the north and northwestern portions of the Site. Based on this information, it is possible that the former onsite car wash operations and use of car-wash solutions/surfactants may have resulted in onsite PFAS groundwater impacts.

No other significant VOCs, SVOCs, PCBs, Metals, Pesticides, Herbicides, 1,4-Dioxane, or PFAS were detected in any of the groundwater samples at concentrations exceeding the applicable NYSDEC AWQS or guidance levels.

Plans for remediation of the contamination are being developed as described below.

## **5. Investigation and Cleanup Process**

### *Application*

The Applicant has applied for and been accepted into New York's Brownfield Cleanup Program as a Volunteer. This means that the Applicant was not responsible for the disposal or discharge of the contaminants or whose ownership or operation of the site took place after the discharge or disposal of contaminants. The Volunteer must fully characterize the nature and extent of contamination onsite, and must conduct a "qualitative exposure assessment," a process that characterizes the actual or potential exposures of people, fish and wildlife to contaminants on the site and to contamination that has migrated from the site.

The Applicant in its Application proposes that the site will be used for restricted residential and commercial purposes.

To achieve this goal, the Applicant will conduct investigation and cleanup activities at the site with oversight provided by NYSDEC. The Brownfield Cleanup Agreement executed by NYSDEC and the Applicant sets forth the responsibilities of each party in conducting

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these activities at the site.

### *Investigation*

The Applicant has completed a partial site investigation before it entered into the BCP. For the partial investigation, NYSDEC will determine if the data are useable.

The Applicant will conduct an investigation of the site officially called a “remedial investigation” (RI). This investigation will be performed with NYSDEC oversight. The Applicant must develop a remedial investigation workplan, which is subject to public comment.

The site investigation has several goals:

- 1) define the nature and extent of contamination in soil, surface water, groundwater and any other parts of the environment that may be affected;
- 2) identify the source(s) of the contamination;
- 3) assess the impact of the contamination on public health and the environment; and
- 4) provide information to support the development of a proposed remedy to address the contamination or the determination that cleanup is not necessary.

The Applicant submits a draft “Remedial Investigation Work Plan” to NYSDEC for review and approval. NYSDEC makes the draft plan available to the public review during a 30-day public comment period.

When the investigation is complete, the Applicant will prepare and submit a report that summarizes the results. This report also will recommend whether cleanup action is needed to address site-related contamination. The investigation report is subject to review and approval by NYSDEC.

NYSDEC will use the information in the investigation report to determine if the site poses a significant threat to public health or the environment. If the site is a “significant threat,” it must be cleaned up using a remedy selected by NYSDEC from an analysis of alternatives prepared by the Applicant and approved by NYSDEC. If the site does not pose a significant threat, the Applicant may select the remedy from the approved analysis of alternatives.

### *Interim Remedial Measures*

An Interim Remedial Measure (IRM) is an action that can be undertaken at a site when a source of contamination or exposure pathway can be effectively addressed before the site investigation and analysis of alternatives are completed. If an IRM is likely to represent all or a significant part of the final remedy, NYSDEC will require a 30-day public comment period.

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### *Remedy Selection*

When the investigation of the site has been determined to be complete, the project likely would proceed in one of two directions:

1. The Applicant may recommend in its investigation report that no action is necessary at the site. In this case, NYSDEC would make the investigation report available for public comment for 45 days. NYSDEC then would complete its review, make any necessary revisions, and, if appropriate, approve the investigation report. NYSDEC would then issue a “Certificate of Completion” (described below) to the Applicant.

**or**

2. The Applicant may recommend in its investigation report that action needs to be taken to address site contamination. After NYSDEC approves the investigation report, the Applicant may then develop a cleanup plan, officially called a “Remedial Work Plan”. The Remedial Work Plan describes the Applicant’s proposed remedy for addressing contamination related to the site.

When the Applicant submits a draft Remedial Work Plan for approval, NYSDEC would announce the availability of the draft plan for public review during a 45-day public comment period.

### *Cleanup Action*

NYSDEC will consider public comments, and revise the draft cleanup plan if necessary, before approving the proposed remedy. The New York State Department of Health (NYSDOH) must concur with the proposed remedy. After approval, the proposed remedy becomes the selected remedy. The selected remedy is formalized in the site Decision Document.

The Applicant may then design and perform the cleanup action to address the site contamination. NYSDEC and NYSDOH oversee the activities. When the Applicant completes cleanup activities, it will prepare a final engineering report that certifies that cleanup requirements have been achieved or will be achieved within a specific time frame. NYSDEC will review the report to be certain that the cleanup is protective of public health and the environment for the intended use of the site.

### *Certificate of Completion*

When NYSDEC is satisfied that cleanup requirements have been achieved or will be achieved for the site, it will approve the final engineering report. NYSDEC then will issue

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a Certificate of Completion (COC) to the Applicant. The COC states that cleanup goals have been achieved, and relieves the Applicant from future liability for site-related contamination, subject to certain conditions. The Applicant would be eligible to redevelop the site after it receives a COC.

### *Site Management*

The purpose of site management is to ensure the safe reuse of the property if contamination will remain in place. Site management is the last phase of the site cleanup program. This phase begins when the COC is issued. Site management incorporates any institutional and engineering controls required to ensure that the remedy implemented for the site remains protective of public health and the environment. All significant activities are detailed in a Site Management Plan.

An *institutional control* is a non-physical restriction on use of the site, such as a deed restriction that would prevent or restrict certain uses of the property. An institutional control may be used when the cleanup action leaves some contamination that makes the site suitable for some, but not all uses.

An *engineering control* is a physical barrier or method to manage contamination. Examples include: caps, covers, barriers, fences, and treatment of water supplies.

Site management also may include the operation and maintenance of a component of the remedy, such as a system that pumps and treats groundwater. Site management continues until NYSDEC determines that it is no longer needed.

**Appendix A -  
Project Contacts and Locations of Reports and Information**

**Project Contacts**

For information about the site's investigation and cleanup program, the public may contact any of the following project staff:

**New York State Department of Environmental Conservation (NYSDEC):**

Steven Wu  
Project Manager  
NYSDEC – Region 2  
Division of Environmental Remediation  
1 Hunter's Point Plaza  
47-40 21st Street  
Long Island City, NY 11101-5407  
Email: Steven.wu@dec.ny.gov  
Tel: (718) 482-6725

Thomas V. Panzone  
Public Participation Specialist  
NYSDEC – Region 2  
Division of Environmental Remediation  
1 Hunter's Point Plaza  
47-40 21st Street  
Long Island City, NY 11101-5407  
Email: Thomas.panzone@dec.ny.gov  
Tel: (718) 482-4953

**New York State Department of Health (NYSDOH):**

Scarlett McLaughlin, P.G.  
Public Health Specialist  
New York State Department of Health  
Bureau of Environmental Exposure Investigation  
Empire State Plaza – Corning Tower Room 1787  
Albany, NY 12237  
Email: BEEI@health.ny.gov  
Tel: (518) 402-7860

**Locations of Reports and Information**

The three (3) facilities identified below are being used to provide the public with convenient access to important project documents:

Community Board #12 –  
Washington Heights/Inwood  
530 West 166th Street, 6th Floor  
New York, NY 10032  
Attn: Ebenezer Smith  
Phone: 212-568-8500  
Hours: (call for appointment)

NYSDEC - Region 2  
1 Hunter's Point Plaza  
47-40 21st Street  
Long Island City, NY 11101-5401  
Attn: Steven Wu  
Phone: (718) 482-6725  
Hours: M-F 8-5 (call for appointment)

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## Appendix B - Site Contact List

### Community/Planning Board Contacts

Organization	Representative	Address	Phone/E-mail
Community Board #12 – Washington Heights/Inwood	Mr. Ebenezer Smith – District Manager  Paola Garcia – Community Coordinator	530 West 166th Street, 6th Floor New York, NY 10032	212-568-8500 / <a href="mailto:ebsmith@cb.nyc.gov">ebsmith@cb.nyc.gov</a>  pgarcia01@cb.nyc.gov
Department of City Planning	Marissa Lago - Director	120 Broadway 31st Floor New York, NY 10271	212-720-3480 / <a href="mailto:mlago@planning.nyc.gov">mlago@planning.nyc.gov</a>
Manhattan Borough President	Gale A. Brewer - Borough President	431 West 125th Street New York, NY 10027	212-669-8191 / <a href="mailto:gbrewer@manhattanbp.nyc.gov">gbrewer@manhattanbp.nyc.gov</a>

### Adjacent Property Contacts

Address	Direction	Owner / Address	Phone/E-mail
New York Public Library – Inwood Branch 4790 Broadway, New York, NY 10034	Adjoining to the east	New York Public Library 4790 Broadway, New York, NY 10034	212-942-2445 / Library Manager: Danita Nichols / <a href="mailto:danitanichols@nypl.org">danitanichols@nypl.org</a>
Harold O. Levy School 52 630 Academy Street, New York, NY 10034	Adjoining to the south	Department Of Education 630 Academy Street, New York, NY 10034	212-567-9162 / Principal: Lupe Leon
Fine Fare Supermarket - 4768 Broadway, New York, NY 10034	Adjoining to the west	4768 Broadway LLC 1185 Sixth Avenue, 10 <sup>th</sup> Floor, New York, NY 10036	212-304-1858
4781 Broadway, New York, NY 10034	Adjacent to the north across Broadway	4781 Broadway, LLC C/O Steven J Goldstein, PLLC 100 Crossways Park West, Suite 312 Woodbury, New York, 11797	516-490-1240 / <a href="mailto:sgoldstein@sjgpllc.com">sgoldstein@sjgpllc.com</a>

### Local News Media

Organization	Address	Phone/E-mail
Manhattan Times Newspaper	5030 Broadway, Suite 807, New York, NY 10034	212-569-5800/ <a href="mailto:editor@manhattantimesnews.com">editor@manhattantimesnews.com</a>

### Public Water Supplier

Organization	Address	Phone/E-mail
NYC Department of Environmental Protection	1250 Broadway, 8 <sup>th</sup> Floor New York, NY 10001	718-595-7000 / <a href="mailto:CustomerService@dep.nyc.gov">CustomerService@dep.nyc.gov</a>

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### Local Schools

Organization	Representative	Address	Phone/E-mail
Harold O. Levy School 52	Lupe Leon - Principal	630 Academy Street, New York, NY 10034	212-567-9162

### Document Repository

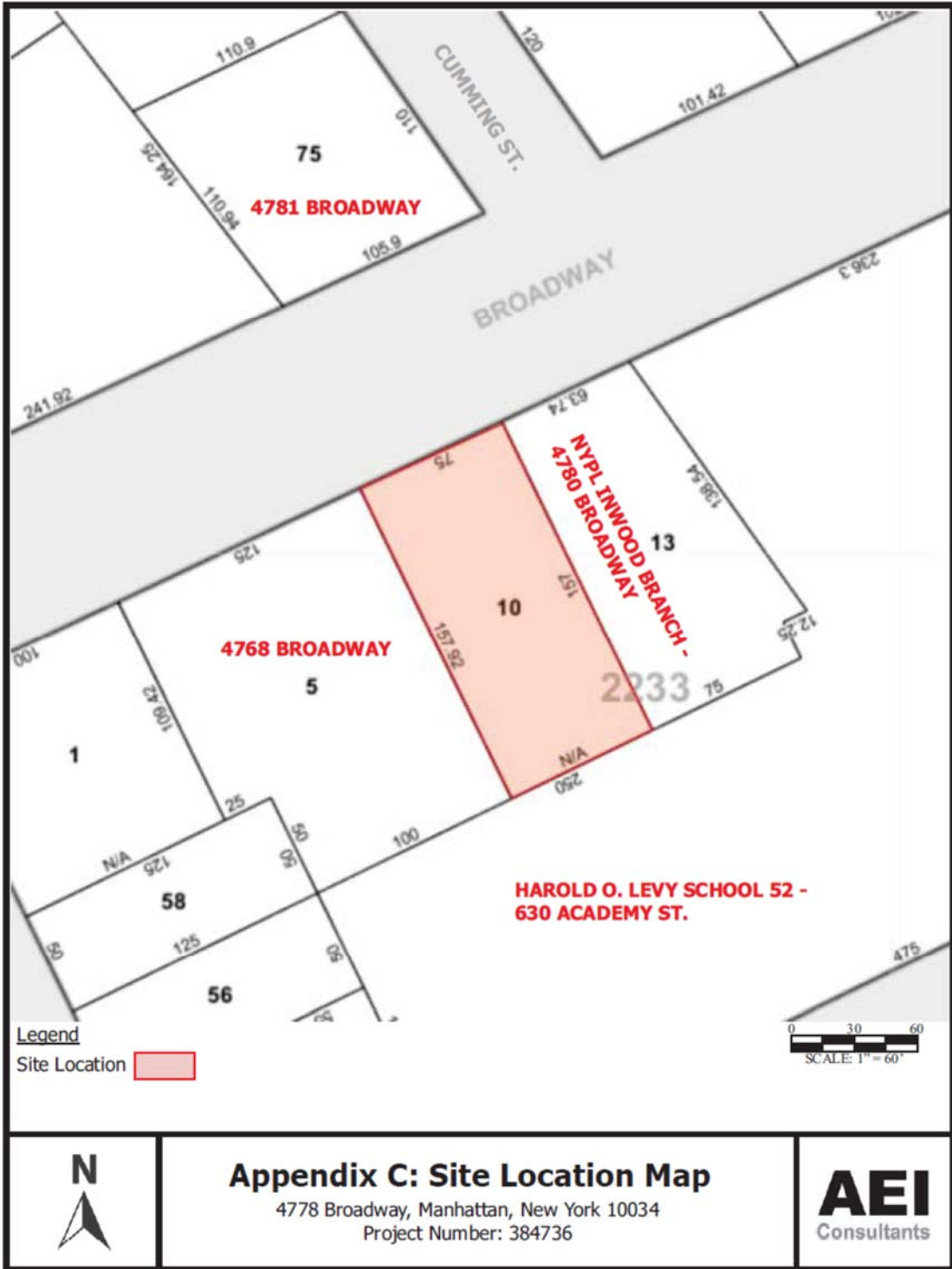
Organization	Address	Phone/E-mail
Community Board #12 - Washington Heights/Inwood	530 West 166th Street, 6th Floor New York, NY 10032	212-568-8500 / ebsmith@cb.nyc.gov

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Appendix C - Site Location Map

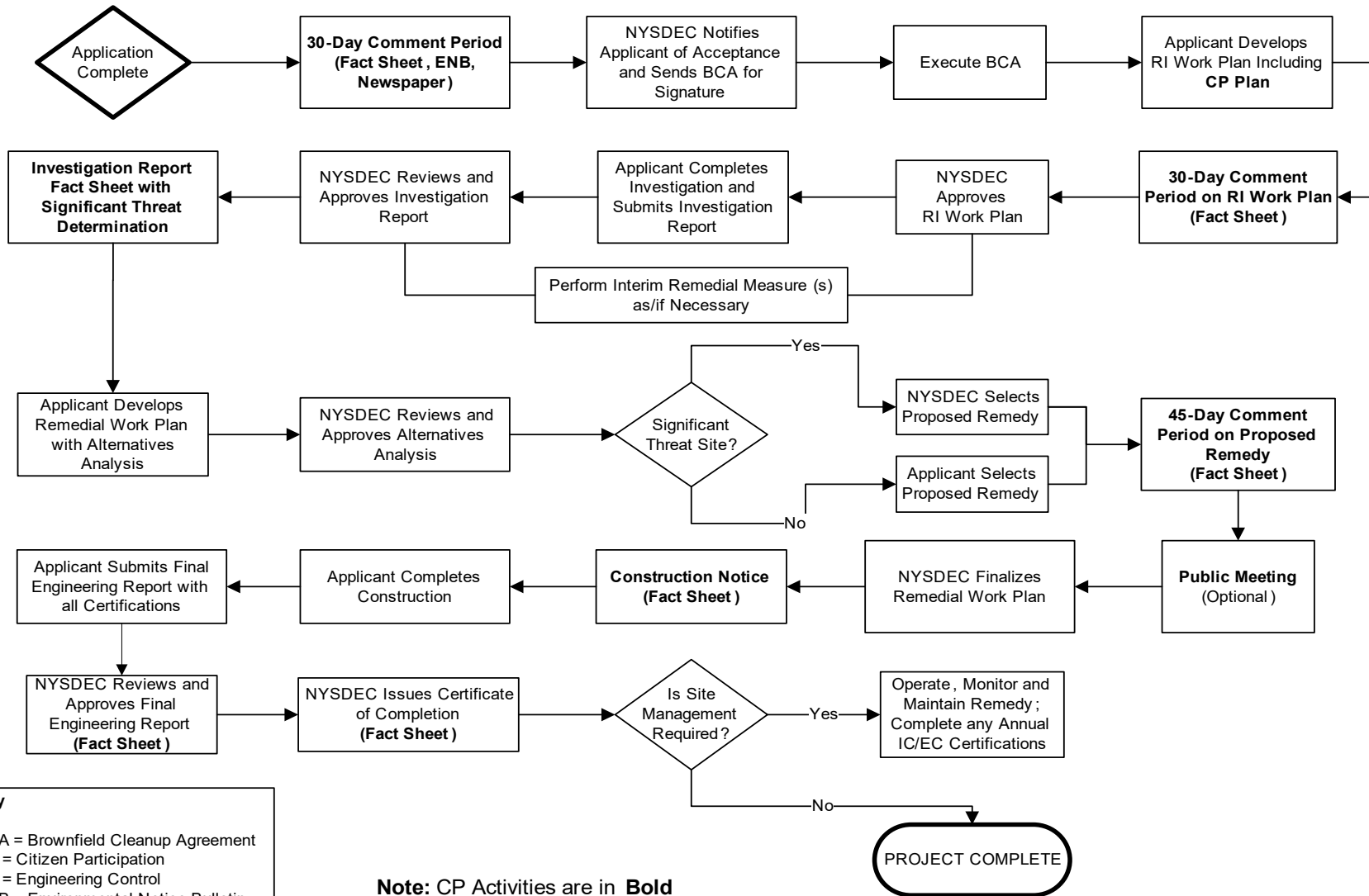


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# Appendix D– Brownfield Cleanup Program Process



**Key**  
 BCA = Brownfield Cleanup Agreement  
 CP = Citizen Participation  
 EC = Engineering Control  
 ENB = Environmental Notice Bulletin  
 IC = Institutional Control  
 RI = Remedial Investigation

**Note:** CP Activities are in **Bold**

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Division of Environmental Remediation

## Remedial Programs Scoping Sheet for Major Issues of Public Concern

### Instructions

This Scoping Sheet assesses major issues of public concern; impacts of the site and its remedial program on the community; community interest in the site; information the public needs; and information needed from the public.

The information generated helps to plan and conduct required citizen participation (CP) activities, and to choose and conduct additional CP activities, if appropriate. The scoping sheet can be revisited and updated as appropriate during the site's remedial process to more effectively implement the site's CP program.

**Note: Use the information as an aid to prepare and update the Major Issues of Public Concern section of the site CP Plan.**

### General Instructions

- When to prepare: During preparation of the CP Plan for the site. It can be revisited and updated anytime during the site remedial process.
- Fill in site name and other information as appropriate.
- The Scoping Sheet may be prepared by DEC or a remedial party, but must be reviewed and approved by the DER site project manager or his/her designee.

### Instructions for Numbered Parts

Consider the bulleted issues and questions below and any others that may be unique or appropriate to the site and the community to help complete the five Parts of this Scoping Sheet. Identify the issue stakeholders in Parts 1 through 3 and adjust the site's contact list accordingly.

#### **Part 1. List Major Issues of Public Concern and Information the Community Wants.**

- Is our health being impacted? (e.g. Are there problems with our drinking water or air? Are you going to test our water, yards, sumps, basements? Have health studies been done?)
- There are odors in the neighborhood. Do they come from the site and are they hazardous?
- Are there restrictions on what we may do (e.g. Can our children play outside? Can we garden? Must we avoid certain areas? Can we recreate (fish, hunt, hike, etc. on/around the site?)
- How and when were the site's contamination problems created?
- What contaminants are of concern and why? How will you look for contamination and find out where it is going? What is the schedule for doing that?
- The site is affecting our property values!
- How can we get more information (e.g. who are the project contacts?)
- How will we be kept informed and involved during the site remedial process?
- Who has been contacted in the community about site remedial activities?
- What has been done to this point? What happens next and when?
- The site is going to be cleaned up for restricted use. What does that mean? We don't want redevelopment on a "dirty" site.

## Part 2. List Important Information Needed From the Community, if Applicable.

- Can the community supplement knowledge about past/current uses of the site?
- Does the community have knowledge that the site may be significantly impacting nearby people, properties, natural resources, etc.?
- Are activities currently taking place at the site or at nearby properties that may need to be restricted?
- Who may be interested or affected by the site that has not yet been identified?
- Are there unique community characteristics that could affect how information is exchanged?
- Does the community and/or individuals have any concerns they want monitored?
- Does the community have information about other sources in the area for the contamination?

## Part 3. List Major Issues and Information That Need to be Communicated to the Community.

- Specific site investigation or remediation activities currently underway, or that will begin in the near future.
- The process and general schedule to investigate, remediate and, if applicable, redevelop the site.
- Current understanding about the site contamination and effects, if any, on public health and the environment.
- Site impacts on the community and any restrictions on the public's use of the site and/or nearby properties.
- Planned CP activities, their schedule, and how they relate to the site's remedial process.
- Ways for the community to obtain/provide information (document repositories, contacts, etc.).

## Part 4. Community Characteristics

a. - e. Obtain information from local officials, property owners and residents, site reports, site visits, "windshield surveys," other staff, etc.

f. Has the affected community experienced other **significant** present or past environmental problems unrelated to this site? Such experiences could significantly affect public concerns and perspectives about the site; how the community will relate to project staff; the image and credibility of project staff within the community; and the ways in which project staff communicate with the community.

g. In its remedial programs, DER seeks to integrate, and be consistent with, environmental justice principles set forth in *DEC Commissioner Policy 29 on Environmental Justice* and *DER 23 – Citizen Participation Handbook for Remedial Programs*. Is the site and/or affected community wholly or partly in an Environmental Justice (EJ) Area? Use the Search feature on DEC's public web site for "environmental justice". DEC's EJ pages define an EJ area, and link to county maps to help determine if the site and/or community are in an EJ area.

h. Consider factors such as:

- Is English the primary language of the affected community? If not, provisions should be considered regarding public outreach activities such as fact sheets, meetings, door-to-door visits and other activities to ensure their effectiveness.
- The age demographics of the community. For example, is there a significant number of senior citizens in the community? It may be difficult for some to attend public meetings and use document repositories. This may suggest adopting more direct interaction with the community with activities such as door-to-door visits, additional fact sheets, visits to community and church centers, nursing homes, etc.
- How do people travel about the community? Would most people drive to a public meeting or document repository? Is there adequate public transportation?



## Part 5. Affected/Interested Public.

Individuals and organizations who need or want information and input can change during the site's remedial process. This need is influenced by real, potential, or perceived impacts of the site or the remedial process. Some people may want information and input throughout the remedial process. Others may participate only during specific remedial stages, or may only be interested in particular issues.

It is important to revisit this question when reviewing this scoping sheet. Knowing who is interested in the site – and the issues that are important to them – will help to select and conduct appropriate outreach activities, and to identify their timing and the information to be exchanged.

Check all affected/interested parties that apply to the site. **Note: Adjust the site's contact list appropriately.** The following are some ways to identify affected/interested parties:

- Tax maps of adjacent property owners
- Attendees at public meetings
- Telephone discussions
- Letters and e-mails to DER, the remedial party, and other agencies
- Political jurisdictions and boundaries
- Media coverage
- Current/proposed uses of site and/or nearby properties (recreational, commercial, industrial)
- Discussions with community organizations: grass roots organizations, local environmental groups, environmental justice groups, churches, and neighborhood advisory groups



Division of Environmental Remediation

## Remedial Programs Scoping Sheet for Major Issues of Public Concern

**Site Name:** M4778 Broadway LLC

**Site Number:** C231131

**Site Address and County:** 4778 Broadway, New York, NY

**Remedial Party(ies):** M4778 Broadway LLC

**Note: For Parts 1. – 3. the individuals, groups, organizations, businesses and units of government identified should be added to the site contact list as appropriate.**

**Part 1.** List major issues of public concern and information the community wants. Identify individuals, groups, organizations, businesses and/or units of government related to the issue(s) and information needs. **Use this information as an aid to prepare or update the Major Issues of Public Concern section of the site Citizen Participation Plan.**

The Site is located in an Environmental Justice Area. Therefore, all future fact sheets need to be translated into Spanish.

How were these issues and/or information needs identified?  
Needs were identified using census data.

**Part 2.** List important information needed **from** the community, if applicable. Identify individuals, groups, organizations, businesses and/or units of government related to the information needed.  
NA

How were these information needs identified?  
NA

**Part 3.** List major issues and information that need to be communicated **to** the community. Identify individuals, groups, organizations, businesses and/or units of government related to the issue(s) and/or information.  
NA

How were these issues and/or information needs identified?  
NA

**Part 4.** Identify the following characteristics of the affected/interested community. This knowledge will help to identify and understand issues and information important to the community, and ways to effectively develop and implement the site citizen participation plan (mark all that apply):

**a.** Land use/zoning at and around site:  
 **Residential**    **Agricultural**    **Recreational**    **Commercial**    **Industrial**

**b.** Residential type around site:  
 **Urban**    **Suburban**    **Rural**

**c.** Population density around site:  
 **High**    **Medium**    **Low**

**d.** Water supply of nearby residences:

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**Public**    **Private Wells**    **Mixed**

e. Is part or all of the water supply of the affected/interested community currently impacted by the site?  
 **Yes**    **No**

Provide details if appropriate:

Residents are provided with their drinking water through the NYC Department of Environmental Protection.

f. Other environmental issues significantly impacted/impacting the affected community?  
 **Yes**    **No**

Provide details if appropriate:

NA

g. Is the site and/or the affected/interested community wholly or partly in an Environmental Justice Area?  
 **Yes**    **No**

h. Special considerations:

**Language**    **Age**    **Transportation**    **Other**

Explain any marked categories in **h**:

All future fact sheets will be translated into Spanish.

**Part 5.** The site contact list must include, at a minimum, the individuals, groups, and organizations identified in Part 2. of the Citizen Participation Plan under 'Site Contact List'. Are *other* individuals, groups, organizations, and units of government affected by, or interested in, the site, or its remedial program? (Mark and identify all that apply, then adjust the site contact list as appropriate.)

**Non-Adjacent Residents/Property Owners:** [Click here to enter text.](#)

**Local Officials:** [Click here to enter text.](#)

**Media:** [Click here to enter text.](#)

**Business/Commercial Interests:** [Click here to enter text.](#)

**Labor Group(s)/Employees:** [Click here to enter text.](#)

**Indian Nation:** [Click here to enter text.](#)

**Citizens/Community Group(s):** [Click here to enter text.](#)

**Environmental Justice Group(s):** [Click here to enter text.](#)

**Environmental Group(s):** [Click here to enter text.](#)

**Civic Group(s):** [Click here to enter text.](#)

**Recreational Group(s):** [Click here to enter text.](#)

**Other(s):** [Click here to enter text.](#)

**Prepared/Updated By:** Anthony Cauterucci, AEI Consultants

**Date:** 12/8/2020

**Reviewed/Approved By:** [Click here to enter text.](#)

**Date:** [Click here to enter text.](#)

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	A	B	C	D	E	F	G	H	I	J
1										
2	Site Contact List									
3	Site #: C231131									
4	Site Name: M4778 Broadway Site			List Last Updated: 10-2-19						
5		Name, Title	Address 1	Address 2	Address 3	Street Address	City	State	Zip	Site Name (County)
6	<b>Local Government Officials</b>	Hon. Bill de Blasio	NYC Mayor			City Hall	New York	NY	10007	M4778 Broadway Site (Manhattan)
7		Hon. Scott Stringer	NYC Comptroller			1 Centre Street	New York	NY	10007	M4778 Broadway Site (Manhattan)
8		Hon. Juumane Williams	Public Advocate			1 Centre Street	New York	NY	10007	M4778 Broadway Site (Manhattan)
9		Marisa Lago	Commissioner, NYC Dept. of City Planning			120 Broadway, 31st Floor	New York	NY	10271	M4778 Broadway Site (Manhattan)
10	<b>Public Water Supplier</b>	Vincent Sapienza	Commissioner, NYC Dept. of Environmental Protection			59-17 Junction Boulevard	Flushing	NY	11373	M4778 Broadway Site (Manhattan)
11		Mark McIntyre, Director	NYC Office of Environmental Remediation			100 Gold Street - 2nd Floor	New York	NY	10038	M4778 Broadway Site (Manhattan)
12		Julie Stein	Office of Environmental Assessment & Planning	NYC Dept. of Environmental Protection		96-05 Horace Harding Expressway	Flushing	NY	11373	M4778 Broadway Site (Manhattan)
13		Hon. Gale Brewer	Manhattan Borough President			1 Centre Street, 19th Floor	New York	NY	10007	M4778 Broadway Site (Manhattan)
14		Steven Wu	NYSDEC Project Manager			47-40 21st Street	Long Island City	NY	11101	M4778 Broadway Site (Manhattan)
15		Thomas V. Panzone	NYSDEC Public Participation Specialist			47-40 21st Street	Long Island City	NY	11101	M4778 Broadway Site (Manhattan)
16		Larry Ennist	NYSDEC			625 Broadway	Albany	NY	12233	M4778 Broadway Site (Manhattan)
17		Justin Deming	NYSDOH Public Health Specialist		Empire State Plaza	Corning Tower, Room 1787	Albany	NY	12237	M4778 Broadway Site (Manhattan)
18		Hon Charles Schumer	U.S. Senator			780 Third Avenue, Suite 2301	New York	NY	10017	M4778 Broadway Site (Manhattan)
19		Hon. Kirsten Gillibrand	U.S. Senator			780 Third Avenue, Suite 2601	New York	NY	10017	M4778 Broadway Site (Manhattan)
20		Hon. Adriano Espaillat	U.S. House of Representatives			163 West 125th Street, #508 - H	New York	NY	10027	M4778 Broadway Site (Manhattan)
21		Hon. Ydanis Rodriguez	NYC Councilmember			618 W. 177th St., Ground Floor	New York	NY	10033	M4778 Broadway Site (Manhattan)
22		Hon. Robert Jackson	NYS Senator			5030 Broadway, Suites 701	New York	NY	10034	M4778 Broadway Site (Manhattan)
23		Hon. Carmen de La Rosa	NYS Assemblymember			210 Sherman Avenue, Suite A &	New York	NY	10034	M4778 Broadway Site (Manhattan)
24	<b>Community Board</b>	Ebenezer Smith - District Manager	Manhattan Community Board 12			530 West 166th Street, 6th Floor	New York	NY	10032	M4778 Broadway Site (Manhattan)
25		Sha Ally - Chairman	Manhattan Community Board 12			530 West 166th Street, 6th Floor	New York	NY	10032	M4778 Broadway Site (Manhattan)
26		Environmental Committee Chairman	Manhattan Community Board 12			530 West 166th Street, 6th Floor	New York	NY	10032	M4778 Broadway Site (Manhattan)
27	<b>County Clerk</b>	Milton Tingling	Manhattan County Clerk			60 Centre Street, Room 161	New York	NY	10007	M4778 Broadway Site (Manhattan)
28	<b>Consolidated Edison</b>	Caroline Kretz - Director	Consolidated Edison Corporate Affairs			4 Irving Place, Room 142	New York	NY	10003	M4778 Broadway Site (Manhattan)
29	<b>NYPD</b>	Stephen Feldheim - President	34th Police Precinct Council			4295 Broadway	New York	NY	10033	M4778 Broadway Site (Manhattan)
30	<b>FDNY</b>	Engine 95 Ladder 36	FDNY			29 VERMILYEA AVENUE	New York	NY	10034	M4778 Broadway Site (Manhattan)
31	<b>Local Media Outlets</b>	Manhattan Times Newspaper	editor@manhattantimesnews.com			5030 Broadway, Suite 807	New York	NY	10034	M4778 Broadway Site (Manhattan)
32		Spectrum NY 1 News				75 Ninth Avenue	New York	NY	10011	M4778 Broadway Site (Manhattan)
33		New York Daily News				4 New York Plaza	New York	NY	10004	M4778 Broadway Site (Manhattan)
34		New York Post				1211 Avenue of the Americas	New York	NY	10036	M4778 Broadway Site (Manhattan)
35		Hoy Nueva York				1 MetroTech Center, 18th Floor	Brooklyn	NY	11201	M4778 Broadway Site (Manhattan)
36		El Diario La Prensa				1 MetroTech Center, 18th Floor	Brooklyn	NY	11201	M4778 Broadway Site (Manhattan)
37	<b>School and Daycare Facilities</b>	QUEEN OF MARTYRS HEAD START				71-91 ARDEN STREET	New York	NY	10040	M4778 Broadway Site (Manhattan)
38		Public School 176				4862 BROADWAY	New York	NY	10034	M4778 Broadway Site (Manhattan)
39		NICHOLAS CARDELL DAY CARE CENTER, INC.				84 Vermilyea Ave	New York	NY	10034	M4778 Broadway Site (Manhattan)
40		WASHINGTON HEIGHTS ACADEMY				202 SHERMAN AVENUE	New York	NY	10034	M4778 Broadway Site (Manhattan)
41		NOAH'S ARK DAY CARE CENTER				120 Vermilyea Ave	New York	NY	10034	M4778 Broadway Site (Manhattan)
42		Little Day Dreamers Daycare				103 Seaman Ave Ste C	New York	NY	10034	M4778 Broadway Site (Manhattan)
43	<b>Community, Civic, Religious and Other Environmental Organizations</b>									M4778 Broadway Site (Manhattan)
44		RAIN INWOOD NEIGHBORHOOD SENIOR CENTER				84 VERMILYEA AVENUE	New York	NY	10034	M4778 Broadway Site (Manhattan)
45		WEACT	Peggy Sheppard - Executive Director			1854 Amsterdam Avenue 2nd F	New York	NY	10031	M4778 Broadway Site (Manhattan)
46		Fireside Pentacostal Assembly				71 Thayer Street	New York	NY	10040	M4778 Broadway Site (Manhattan)
47		La Puerts Estrecha				161 Sherman Avenue	New York	NY	10034	M4778 Broadway Site (Manhattan)
48		Mt. Washington Presbyterian Church				84 VERMILYEA AVENUE	New York	NY	10034	M4778 Broadway Site (Manhattan)
49		Church of Jesus Christ LDS				1815 Riverside Drive	New York	NY	10034	M4778 Broadway Site (Manhattan)
50		YM/YWHA Senior Center				54 Nagle Avenue	New York	NY	10040	M4778 Broadway Site (Manhattan)
51		Comite Residente Post Avenue, Inc				210 Sherman Avenue, #12F,	New York	NY	10034	M4778 Broadway Site (Manhattan)
52		SDA Church				111-113 Vermilyea Avenue	New York	NY	10034	M4778 Broadway Site (Manhattan)
53		Good Shepherd Church				4967 Broadway	New York	NY	10034	M4778 Broadway Site (Manhattan)
54		Inwood-Manhattan Little League Baseball				647 West 207th Street A	New York	NY	10034	M4778 Broadway Site (Manhattan)
55		Dyckman Farmhouse				4881 Broadway	New York	NY	10034	M4778 Broadway Site (Manhattan)
56	<b>Adjacent Properties</b>	New York Public Library – Inwood Branch	Danita Nichols			4790 Broadway	New York	NY	10034	M4778 Broadway Site (Manhattan)
57		Harold O. Levy School 52	Principal: Lupe Leon			630 Academy Street	New York	NY	10034	M4778 Broadway Site (Manhattan)
58		Fine Fare Supermarket				4768 Broadway	New York	NY	10034	M4778 Broadway Site (Manhattan)
59		4781 Broadway, LLC				4781 Broadway	New York	NY	10034	M4778 Broadway Site (Manhattan)
60		4768 Broadway LLC				1185 Sixth Avenue, 10 <sup>th</sup> Floor	New York	NY	10036	M4778 Broadway Site (Manhattan)

	A	B	C	D	E	F	G	H	I	J
61		4781 Broadway, LLC	C/O Steven J Goldstein, PLLC			100 Crossways Park West, Suite	Woodbury	NY	11797	M4778 Broadway Site (Manhattan)
62		RESIDENT/BUSINESS OWNER			4720	BROADWAY	NEW YORK	NY	10040	M4778 Broadway Site (Manhattan)
63		RESIDENT/BUSINESS OWNER			4730	BROADWAY	NEW YORK	NY	10040	M4778 Broadway Site (Manhattan)
64		RESIDENT/BUSINESS OWNER			4740	BROADWAY	NEW YORK	NY	10040	M4778 Broadway Site (Manhattan)
65		RESIDENT/BUSINESS OWNER			4754	BROADWAY	NEW YORK	NY	10040	M4778 Broadway Site (Manhattan)
66		RESIDENT/BUSINESS OWNER			200	DYCKMAN STREET	NEW YORK	NY	10040	M4778 Broadway Site (Manhattan)
67		RESIDENT/BUSINESS OWNER			190	DYCKMAN STREET	NEW YORK	NY	10040	M4778 Broadway Site (Manhattan)
68		RESIDENT/BUSINESS OWNER			184	DYCKMAN STREET	NEW YORK	NY	10040	M4778 Broadway Site (Manhattan)
69		RESIDENT/BUSINESS OWNER			180	DYCKMAN STREET	NEW YORK	NY	10040	M4778 Broadway Site (Manhattan)

## **Appendix E**

### **Daily Reports and CAMP Data**



## **Appendix F**

### **UST Closure Documentation and Photo Log**





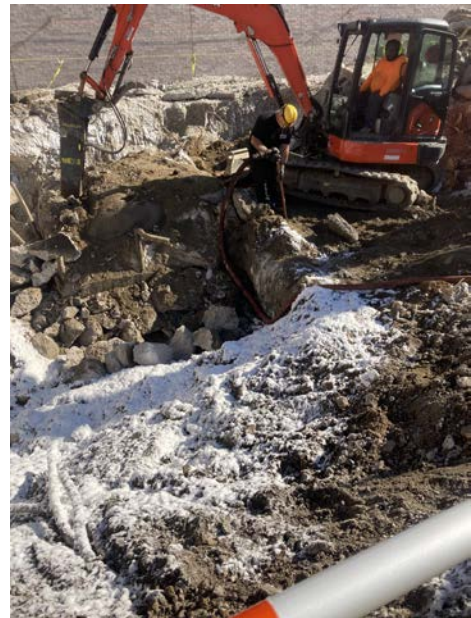
1. Begin removing concrete and overburden soils above USTs



2. UST bung and top of UST exposed



3. Continue exposing one UST at a time



4. Begin vacuum removal of fluids within each UST





5. Excavation area overview, begin cutting, entering, and cleaning USTs.



6. Upon completion of removal and cleaning of UST contents, each UST is removed from the ground.



7. USTs staged, cut open, and contents emptied.



8. Cleaned UST shells recycled as scrap emptied.



9. Additional USTs staged for future recycling.



10. Additional USTs located with contents removed.



11. Final set of USTs located, contents removed, and staged for recycling.



12. Example of riveted UST encountered.



# Petroleum Bulk Storage Application

Pursuant to the Environmental Conservation Law: Article 17, Title 10; and  
Regulations 6 NYCRR Part 613 and 6 NYCRR Subpart 374-2

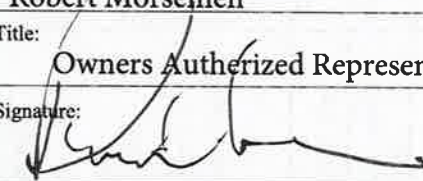
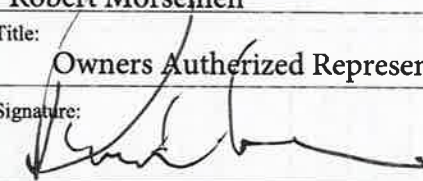
(Please Type or Print Clearly and Complete All Items for Sections A, B & C)

Return Completed Form To:

**PBS Number:**  
2-219770

## Section A - Facility/Property Owner/Contact Information

Expiration Date:

<b>Transaction Type:</b> <input type="checkbox"/> 1) Initial/New Facility <input type="checkbox"/> 2) Change of Ownership <input checked="" type="checkbox"/> 3) Tank Installation, Closing, or Repair <input type="checkbox"/> 4) Information Correction <input type="checkbox"/> 5) Renewal	F A C I L I T Y	Facility Name: <b>New Construction Residential Bldg.</b>	Tax Map Info	<b>TYPE OF PETROLEUM FACILITY (Check only one)</b> <input type="checkbox"/> 01=Storage Terminal/Petrol. Distributor <input checked="" type="checkbox"/> 02=Retail Gasoline Sales <input type="checkbox"/> 03=Other Retail Sales <input type="checkbox"/> 04=Manufacturing <input type="checkbox"/> 05=Utility <input type="checkbox"/> 06=Trucking/Transportation/Fleet <input type="checkbox"/> 07=Apartment/Office Building <input type="checkbox"/> 08=School <input type="checkbox"/> 09=Farm <input type="checkbox"/> 10=Private Residence <input type="checkbox"/> 11=Airline/Air Taxi/Airport <input type="checkbox"/> 12=Chemical Distributor <input type="checkbox"/> 13=Municipality <input type="checkbox"/> 15=Railroad <input type="checkbox"/> 25=Auto Service/Repair (No Gasoline) <input type="checkbox"/> 28=Cemetery/Memorial <input type="checkbox"/> 26=Religious (Church, Synagogue, Mosque, Temple, etc.) <input type="checkbox"/> 27=Hospital/Nursing Home/Health Care <input type="checkbox"/> 52=Marina <input type="checkbox"/> 53=Nuclear Power Plant <input type="checkbox"/> 99=Other (Specify):			
		Facility Address (Physical Address, No P.O. Boxes): <b>4778 Broadway</b>	Block: <b>2233</b>	Emergency Contact Name: <b>Robert Morsemen</b>		Emergency Telephone Number: <b>718-892-2608</b>	
		Facility Address (cont.):	Lot: <b>10</b>	I hereby certify, under penalty of law, that all of the information provided on this form is true and correct. False statements made herein may be punishable as a criminal offense and/or a civil violation in accordance with applicable state and federal law.			
		City: <b>Manhattan</b>	State: <b>NY</b>	ZIP Code: <b>10034</b>	Name of Owner or Authorized Representative: <b>Robert Morsemen</b>		Amount Enclosed: \$ <b>0</b>
		County: <b>New York</b>	Township/City: <b>Inwood</b>	Facility Phone Number: <b>718-501-5972</b>	Title: <b>Owners Authorized Representative</b>		Signature: 
Facility Operator: <b>M4778 Broadway LLC.</b>		Signature: 					
<b>NOTE:</b> Fill in Property Owner information here....>>> Indicate Tank Owner in Section C.		Facility (Property) Owner (from Deed): <b>M4778 Broadway LLC.</b>		Date: <b>03/24/2023</b>			
Facility Owner Address (Street and/or P.O. Box): <b>15 Verbina Avenue, 2nd Floor Suite 200</b>		Name of Owner or Authorized Representative: <b>Robert Morsemen</b>					
City: <b>Floral Park</b>		State: <b>NY</b>	ZIP Code: <b>11001</b>	Title: <b>Owners Authorized Representative</b>			
Federal Tax ID Number: <b>82-374-5652</b>		Owner Telephone Number: <b>516-821-2003</b>					
Type of Owner (check only one): 1 <input type="checkbox"/> Private Resident 2 <input type="checkbox"/> State Government 3 <input type="checkbox"/> Local Government 4 <input type="checkbox"/> Federal Government 5 <input checked="" type="checkbox"/> Corporate/Commercial/Other							
Official Use Only Date Received: ___/___/___ Date Processed: ___/___/___ Amount Received: \$ _____ Reviewed By: _____ Rev. 8/2/2017		Facility Contact Person Name: <b>Robert Morsemen</b>					
		Contact Person Company Name: <b>Robert Morsemen</b>					
		Address: <b>4778 Broadway</b>					
		Address (cont.):					
		City/State/ZIP Code: <b>New York, New York, 10034</b>					
		Tel. Number: <b>718-892-2608</b>		eMail Address: <b>robertm@madddequities.com</b>			

**PBS Number:**

2-219770

**Section B - Tank Information**

*(Please use the key located on the last page to complete each item/column)*

**Registration Expiration Date:**

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
Action	Tank Number	Tank Location	Status	Installation, out-of-service, or Permanent ClosureDate (mm/dd/yyyy) Application will be returned if blank	Capacity (Gallons)	Product Stored (If Gasoline w/ethanol or Biodiesel, list % additive)	Tank Type	Tank Internal Protection	Tank External Protection	Tank Secondary Containment	Tank Leak Detection	Tank Overfill Prevention	Tank Spill Prevention	Pumping/Dispensing Method	Piping Location	Piping Type	Piping External Protection	Piping Secondary Containment	Piping Leak Detection	Under Dispenser Containment (UDC) (Check box if present)
3	1	5	3	11/10/2022	550	0009	1	0	0	0	0	0	0	0	2	1	0	0	0	<input type="checkbox"/>
3	2	5	3	11/3/2022	1500	0009	1	0	0	0	0	0	0	0	2	1	0	0	0	<input type="checkbox"/>
3	3	5	3	11/3/2022	250	0009	1	0	0	0	0	0	0	0	2	1	0	0	0	<input type="checkbox"/>
3	4	5	3	11/3/2022	250	0009	1	0	0	0	0	0	0	0	2	1	0	0	0	<input type="checkbox"/>
3	5	5	3	11/3/2022	750	0009	1	0	0	0	0	0	0	0	2	1	0	0	0	<input type="checkbox"/>
3	6	5	3	11/3/2022	750	0009	1	0	0	0	0	0	0	0	2	1	0	0	0	<input type="checkbox"/>
3	7	5	3	11/3/2022	750	0009	1	0	0	0	0	0	0	0	2	1	0	0	0	<input type="checkbox"/>
3	8	5	3	11/3/2022	750	0009	1	0	0	0	0	0	0	0	2	1	0	0	0	<input type="checkbox"/>
3	9	5	3	11/3/2022	750	0009	1	0	0	0	0	0	0	0	2	1	0	0	0	<input type="checkbox"/>
3	10	5	3	11/3/2022	750	0009	1	0	0	0	0	0	0	0	2	1	0	0	0	<input type="checkbox"/>
3	11	5	3	11/14/2022	275	0009	1	0	0	0	0	0	0	0	2	1	0	0	0	<input type="checkbox"/>
3	12	5	3	11/14/2022	275	0009	1	0	0	0	0	0	0	0	2	1	0	0	0	<input type="checkbox"/>
3	13	5	3	11/14/2022	275	0009	1	0	0	0	0	0	0	0	2	1	0	0	0	<input type="checkbox"/>
3	14	5	3	11/14/2022	275	0009	1	0	0	0	0	0	0	0	2	1	0	0	0	<input type="checkbox"/>
3	15	5	3	11/14/2022	275	0009	1	0	0	0	0	0	0	0	2	1	0	0	0	<input type="checkbox"/>
3	16	5	3	11/22/2022	275	0009	1	0	0	0	0	0	0	0	2	1	0	0	0	<input type="checkbox"/>
3	17	5	3	11/22/2022	275	0009	1	0	0	0	0	0	0	0	2	1	0	0	0	<input type="checkbox"/>
																				<input type="checkbox"/>
																				<input type="checkbox"/>
																				<input type="checkbox"/>
																				<input type="checkbox"/>
																				<input type="checkbox"/>

**Note: If you need to add tanks to your registration, write them in using blank lines above. Attach additional sheets as needed.**

**Blank Section B is available at [http://www.dec.ny.gov/docs/remediation\\_hudson\\_pdf/pbsrenewal.pdf](http://www.dec.ny.gov/docs/remediation_hudson_pdf/pbsrenewal.pdf)**

**PBS Number:**

# Petroleum Bulk Storage Application

## Section C - Tank Ownership Information (for PBS tanks listed in Section B)

<b>Tank Owner Information</b>		
<input checked="" type="checkbox"/> Check box if same as Facility (Property) Owner. If tank owner is different from property owner, fill out information below:		
Tank Owner Name (Company/Individual):		
Contact Person:		
Tank Owner Address:		
City:	State:	ZIP:
Contact Person Telephone Number:	Contact Person email:	
<b>Specific Tanks Owned</b>		
<input checked="" type="checkbox"/> Check box if this owner owns all tanks at this facility. If not, list tanks owned by this owner below:		
Tank Number:		
Name of Class B (Daily On-Site) Operator:	Authorization No:	
Name of Class A (Primary) Operator:	Authorization No:	

<b>Tank Owner Information</b>		
<input checked="" type="checkbox"/> Check box if same as Facility (Property) Owner. If tank owner is different from property owner, fill out information below:		
Tank Owner Name (Company/Individual):		
Contact Person:		
Tank Owner Address:		
City:	State:	ZIP:
Contact Person Telephone Number:	Contact Person email:	
<b>Specific Tanks Owned</b>		
<input checked="" type="checkbox"/> Check box if this owner owns all tanks at this facility. If not, list tanks owned by this owner below:		
Tank Number:		
Name of Class B (Daily On-Site) Operator:	Authorization No:	
Name of Class A (Primary) Operator:	Authorization No:	

# PETROLEUM BULK STORAGE APPLICATION - SECTION B - TANK INFORMATION - CODE KEYS

## Action (1)

1. Initial Listing
2. Add Tank
3. Close/Remove Tank
4. Information Correction
5. Repair/Reline Tank

## Tank Location (3)

1. Aboveground-contact w/soil
2. Aboveground-contact w/impervious barrier
3. Aboveground on saddles, legs, stilts, rack or cradle
4. Partially buried tank (tank with 10% or more below ground)
5. Underground including vaulted with no access for inspection
6. Aboveground in Subterranean Vault w/access for inspections

## Status (4)

1. In-service
2. Out-of-service
3. Closed-Removed
4. Closed- In Place
5. Tank converted to Non-Regulated use

## Products Stored (7)

### Heating Oils: On-Site Consumption

- 0001. #2 Fuel Oil
- 0002. #4 Fuel Oil
- 0259. #5 Fuel Oil
- 0003. #6 Fuel Oil
- 0012. Kerosene
- 0591. Clarified Oil
- 2711. Biodiesel (Heating)
- 2642. Used Oil (Heating)

### Heating Oils: Resale/Redistribution

- 2718. #2 Fuel Oil
- 2719. #4 Fuel Oil
- 2720. #5 Fuel Oil
- 2721. #6 Fuel Oil
- 2722. Kerosene
- 2723. Clarified Oil

## Motor Fuels

- 0009. Gasoline
- 2712. Gasoline/Ethanol

- 0008. Diesel
- 2710. Biodiesel
- 0011. Jet Fuel
- 1044. Jet Fuel (Biofuel)
- 2641. Aviation Gasoline

## Emergency Generator Fuels

- 0001. #2 Fuel Oil
- 2730. Biodiesel (E-Gen)
- 2731. Diesel (E-Gen)

## Lubricating/Cutting Oils

- 0013. Lube Oil
- 0015. Motor Oil
- 1045. Gear/Spindle Oil
- 0010. Hydraulic Oil
- 0007. Cutting Oil
- 0021. Transmission Fluid
- 1836. Turbine Oil
- 0308. Petroleum Grease

## Oils Used as Building Materials

- 2626. Asphaltic Emulsions
- 0748. Form Oil

## Petroleum Spirits

- 0014. White/Mineral Spirits
- 1731. Naptha

## Mineral/Insulating Oils

- 0020. Insulating Oil (e.g., Transformer, Cable Oil)
- 2630. Mineral Oil

## Waste/Used/Other Oils

- 0022 Waste/Used Oil
- 9999. Other-Please list:\*

## Crude Oil

- 0006. Crude Oil
- 0701. Crude Oil Fractions

## Tank Type (8)

- 01. Steel/Carbon Steel/Iron
- 02. Galvanized Steel Alloy
- 03. Stainless Steel Alloy
- 04. Fiberglass Coated Steel
- 05. Steel Tank in Concrete
- 06. Fiberglass Reinforced Plastic (FRP)
- 07. Plastic
- 08. Equivalent Technology

- 09. Concrete
- 10. Urethane Clad Steel
- 99. Other-Please list:\*

## Internal Protection (9)

- 00. None
- 01. Epoxy Liner
- 02. Rubber Liner
- 03. Fiberglass Liner (FRP)
- 04. Glass Liner
- 99. Other-Please list:\*

## External Protection (10/18)

- 00. None
- 01. Painted/Asphalt Coating
- 02. Original Sacrificial Anode
- 03. Original Impressed Current
- 04. Fiberglass
- 05. Jacketed
- 06. Wrapped (Piping)
- 07. Retrofitted Sacrificial Anode
- 08. Retrofitted Impressed Current
- 09. Urethane
- 99. Other-Please list:\*

## Tank Secondary Containment (11)

- 00. None
- 01. Diking (AST Only)
- 02. Vault (w/access)
- 03. Vault (w/o access)
- 04. Double-Walled (UST Only)
- 05. Synthetic Liner
- 06. Remote Impounding Area
- 07. Excavation Liner
- 09. Modified Double-Walled (AST Only)
- 10. Impervious Underlayment (AST Only)\*\*
- 11. Double Bottom (AST Only)\*\*
- 12. Double-Walled (AST Only)
- 99. Other - Please list\*

## Tank Leak Detection (12)

- 00. None
- 01. Interstitial Electronic Monitoring
- 02. Interstitial Manual Monitoring
- 03. Vapor Well
- 04. Groundwater Well
- 05. In-Tank System (Auto Tank

- 06. Impervious Barrier/Concrete Pad (AST Only)
- 07. Statistical Inventory Reconciliation (SIR)
- 08. Weep holes in vaults with no access for inspection
- 99. Other-Please list: \*

## Overfill Protection (13)

- 00. None
- 01. Float Vent Valve
- 02. High Level Alarm
- 03. Automatic Shut-Off
- 04. Product Level Gauge (AST Only)
- 05. Vent Whistle
- 99. Other-Please list:\*

## Spill Prevention (14)

- 00. None
- 01. Catch Basin
- 99. Other-Please list:\*

## Pumping/Dispensing Method (15)

- 00. None
- 01. Pressurized Dispenser
- 02. Suction Dispenser
- 03. Gravity
- 04. On-Site Heating System (Suction)
- 05. On-Site Heating System (Supply/Return)
- 06. Tank-Mounted Dispenser
- 07. Loading Rack/Transfer Pump

## Piping Location (16)

- 00. No Piping
- 01. Aboveground
- 02. Underground/On-ground
- 03. Aboveground/Underground Combination

## Piping Type (17)

- 00. None
- 01. Steel/Carbon Steel/Iron
- 02. Galvanized Steel
- 03. Stainless Steel Alloy
- 04. Fiberglass Coated Steel
- 05. Steel Encased in Concrete

- 06. Fiberglass Reinforced Plastic (FRP)
- 07. Plastic
- 08. Equivalent Technology
- 09. Concrete
- 10. Copper
- 11. Flexible Piping
- 99. Other-Please list:\*

## Piping Secondary Containment (19)

- 00. None
- 01. Diking (Aboveground Only)
- 02. Vault (w/access)
- 04. Double-Walled (Underground Only)
- 06. Remote Impounding Area
- 07. Trench Liner
- 12. Double-Walled (Aboveground Only)
- 99. Other-Please list: \*

## Pipe Leak Detection (20)

- 00. None
- 01. Interstitial Electronic Monitoring
- 02. Interstitial Manual Monitoring
- 03. Vapor Well
- 04. Groundwater Well
- 07. Pressurized Piping Leak Detector
- 09. Exempt Suction Piping
- 10. Statistical Inventory Reconciliation (SIR)
- 99. Other-Please list:\*

## Under Dispenser Containment (UDC) (21)

Check Box if Present

\* If other, please list on a separate sheet including tank number.

\*\* Each of these codes must be combined with code 01 or 06 to meet compliance requirements.

**LEGEND**

Site Boundary

\*UST designation # in Black, ALL USTs

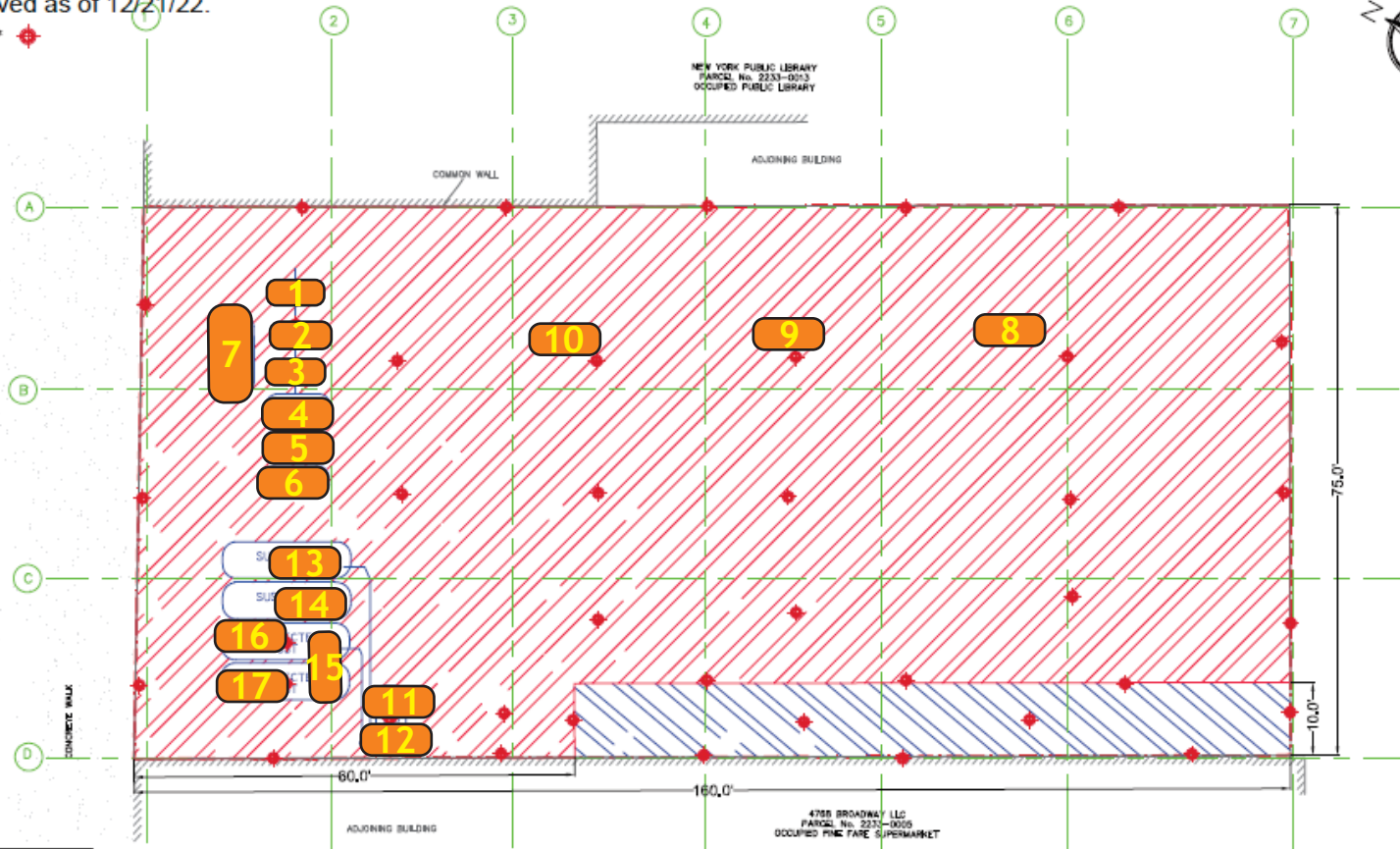
Removed as of 12/21/22.

Proposed Post-Excavation Soil Sample\*

Area of Excavation to 15 feet BGS

Area of Excavation to 6 feet BGS

\*Proposed Post-Excavation Soil Samples will be collected at a frequency of one sample for every 30 linear feet of sidewall and one sample from the excavation bottom for every 900 square feet of bottom area, with additional samples biased toward areas where USTs are being removed



REMEDATION ENGINEER:  
HCS Civil & Environmental Engineering, LLC  
169 UPPER VALLEY ROAD  
WASHINGTON, MA 01223

GRAPHIC SCALE



(1 INCH = 16 FEET)

\* UST locations not to scale,  
all locations approximate

**LEGEND**

- Former UST Location
- UST 1 measures 10 ft x 5 ft dia
- UST 2 through 7 measures 7.5 ft by 4 ft dia
- UST 8 measures 6 ft x 4 ft
- UST 9 and 10 measure 6 ft x 2.5 ft dia
- USTs 13 through 17 measure 5 ft x 3 ft dia

UST Location Map



4778 Broadway  
New York, New York

FIGURE 1  
Project Number 384736



Master Mechanic LLC.  
64-82 58<sup>th</sup> Road Maspeth, NY 11378  
E. [info@MasterMechanicLLC.com](mailto:info@MasterMechanicLLC.com)  
T. (347) 510-5544

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# TANK REMOVAL AFFIDAVIT

Date: 1/11/2023

New York State Department of Environmental Conservation  
1 Hunter's Point Plaza  
47-20 21<sup>st</sup> Street  
Long Island City, NY 11101-5401

**Site Address: 4778 Broadway  
New York, NY 10034**

To Whom It May Concern,

I, Michael Caputo, holder of oil burner equipment installer license #5357-B, certify that (1) 550 gallon fuel storage underground tank was excavated, purged and permanently removed on November 10<sup>th</sup>, 2022. All piping has been removed and fill line filled and cemented over.

This work was performed in accordance with the guidelines described in Section FC3404.2.13 & FC3404.2.14 of the fire code.



**Michael Caputo #5357B**  
(Expires 5/31/2025)

State of New York  
County of Queens

Sworn to before me this day 13 of Jan. 2023

Notary Public

PATRICK GUADAGNO  
NOTARY PUBLIC-STATE OF NEW YORK  
No. 01GU6119207  
Qualified in Queens County  
My Commission Expires 11-29-2024





Master Mechanic LLC.  
64-82 58<sup>th</sup> Road Maspeth, NY 11378  
E. [info@MasterMechanicLLC.com](mailto:info@MasterMechanicLLC.com)  
T. (347) 510-5544

# TANK REMOVAL AFFIDAVIT

Date: 1/11/2023

New York City Fire Department  
Bureau of Fire Prevention – 3<sup>rd</sup> Fl.  
Attn: District Office Headquarters  
9 Metrotech Center  
Brooklyn, NY 11201

**Site Address: 4778 Broadway  
New York, NY 10034**

To Whom It May Concern,

I, Michael Caputo, holder of oil burner equipment installer license #5357-B, certify that (1) 550 gallon fuel storage underground tank was excavated, purged and permanently removed on November 10<sup>th</sup>, 2022. All piping has been removed and fill line filled and cemented over.

This work was performed in accordance with the guidelines described in Section FC3404.2.13 & FC3404.2.14 of the fire code.



**Michael Caputo #5357B**  
(Expires 5/31/2025)

State of New York  
County of Queens  
Sworn to before me this day 13 of Jan 2023

Notary Public

PATRICK GUADAGNO  
NOTARY PUBLIC-STATE OF NEW YORK  
No. 01GU6119207  
Qualified in Queens County  
My Commission Expires 11-29-2024



Master Mechanic LLC.  
64-82 58<sup>th</sup> Road Maspeth, NY 11378  
E. [info@MasterMechanicLLC.com](mailto:info@MasterMechanicLLC.com)  
T. (347) 510-5544

# TANK REMOVAL AFFIDAVIT

Date: 1/11/2023

New York State Department of Environmental Conservation  
1 Hunter's Point Plaza  
47-20 21<sup>st</sup> Street  
Long Island City, NY 11101-5401

**Site Address: 4778 Broadway  
New York, NY 10034**

To Whom It May Concern,

I, Michael Caputo, holder of oil burner equipment installer license #5357-B, certify that (1) 1,500 gallon fuel storage underground tank was excavated, purged and permanently removed on November 3<sup>rd</sup>, 2022. All piping has been removed and fill line filled and cemented over.

This work was performed in accordance with the guidelines described in Section FC3404.2.13 & FC3404.2.14 of the fire code.



**Michael Caputo #5357B**  
(Expires 5/31/2025)

State of New York  
County of Queens  
Sworn to before me this day 13 of Jan. 2023

Notary Public

PATRICK GUADAGNO  
NOTARY PUBLIC-STATE OF NEW YORK  
No. 01GU6119207  
Qualified in Queens County  
My Commission Expires 11-29-2024



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64-82 58<sup>th</sup> Road Maspeth, NY 11378  
E. [info@MasterMechanicLLC.com](mailto:info@MasterMechanicLLC.com)  
T. (347) 510-5544

# TANK REMOVAL AFFIDAVIT

Date: 1/11/2023

New York City Fire Department  
Bureau of Fire Prevention – 3<sup>rd</sup> Fl.  
Attn: District Office Headquarters  
9 Metrotech Center  
Brooklyn, NY 11201

**Site Address: 4778 Broadway  
New York, NY 10034**

To Whom It May Concern,

I, Michael Caputo, holder of oil burner equipment installer license #5357-B, certify that (1) 1,500 gallon fuel storage underground tank was excavated, purged and permanently removed on November 3<sup>rd</sup>, 2022. All piping has been removed and fill line filled and cemented over.

This work was performed in accordance with the guidelines described in Section FC3404.2.13 & FC3404.2.14 of the fire code.



**Michael Caputo #5357B**  
(Expires 5/31/2025)

State of New York  
County of Queens

Sworn to before me this day 13 of Jan. 2023

**PATRICK GUADAGNO**  
NOTARY PUBLIC-STATE OF NEW YORK  
No. 01GU6119207  
Qualified in Queens County  
My Commission Expires 11-29-2024

Notary Public



Master Mechanic LLC.  
64-82 58<sup>th</sup> Road Maspeth, NY 11378  
E. [info@MasterMechanicLLC.com](mailto:info@MasterMechanicLLC.com)  
T. (347) 510-5544

# TANK REMOVAL AFFIDAVIT

Date: 1/11/2023

New York City Fire Department  
Bureau of Fire Prevention – 3<sup>rd</sup> Fl.  
Attn: District Office Headquarters  
9 Metrotech Center  
Brooklyn, NY 11201

**Site Address: 4778 Broadway  
New York, NY 10034**

To Whom It May Concern,

I, Michael Caputo, holder of oil burner equipment installer license #5357-B, certify that (1) 250 gallon fuel storage underground tank was excavated, purged and permanently removed on November 3<sup>rd</sup>, 2022 and (1) 250 gallon fuel storage underground tank was excavated, purged and permanently removed on November 10<sup>th</sup>, 2022. All piping has been removed and fill line filled and cemented over.

This work was performed in accordance with the guidelines described in Section FC3404.2.13 & FC3404.2.14 of the fire code.



**Michael Caputo #5357B**  
(Expires 5/31/2025)

State of New York  
County of Queens  
Sworn to before me this day 13 of Jan. 2023

  
Notary Public

PATRICK GUADAGNO  
NOTARY PUBLIC-STATE OF NEW YORK  
No. 01GU6119207  
Qualified in Queens County  
My Commission Expires 11-29-2024



Master Mechanic LLC.  
64-82 58<sup>th</sup> Road Maspeth, NY 11378  
E. [info@MasterMechanicLLC.com](mailto:info@MasterMechanicLLC.com)  
T. (347) 510-5544

# TANK REMOVAL AFFIDAVIT

Date: 1/11/2023


New York State Department of Environmental Conservation  
1 Hunter's Point Plaza  
47-20 21<sup>st</sup> Street  
Long Island City, NY 11101-5401

**Site Address: 4778 Broadway  
New York, NY 10034**


To Whom It May Concern,

I, Michael Caputo, holder of oil burner equipment installer license #5357-B, certify that (1) 250 gallon fuel storage underground tank was excavated, purged and permanently removed on November 3<sup>rd</sup>, 2022 and (1) 250 gallon fuel storage underground tank was excavated, purged and permanently removed on November 10<sup>th</sup>, 2022. All piping has been removed and fill line filled and cemented over.

This work was performed in accordance with the guidelines described in Section FC3404.2.13 & FC3404.2.14 of the fire code.



**Michael Caputo #5357B**  
(Expires 5/31/2025)



State of New York  
County of Queens  
Sworn to before me this day 13 of Jan. 2023



Notary Public

PATRICK GUADAGNO  
NOTARY PUBLIC-STATE OF NEW YORK  
No. 01GU6119207  
Qualified in Queens County  
My Commission Expires 11-29-2024



Master Mechanic LLC.  
64-82 58<sup>th</sup> Road Maspeth, NY 11378  
E. [info@MasterMechanicLLC.com](mailto:info@MasterMechanicLLC.com)  
T. (347) 510-5544

# TANK REMOVAL AFFIDAVIT

Date: 1/11/2023

New York City Fire Department  
Bureau of Fire Prevention – 3<sup>rd</sup> Fl.  
Attn: District Office Headquarters  
9 Metrotech Center  
Brooklyn, NY 11201

**Site Address: 4778 Broadway  
New York, NY 10034**

To Whom It May Concern,

I, Michael Caputo, holder of oil burner equipment installer license #5357-B, certify that (6) 700 gallon fuel storage underground tanks were excavated, purged and permanently removed on November 3<sup>rd</sup>, 2022. All piping has been removed and fill line filled and cemented over.

This work was performed in accordance with the guidelines described in Section FC3404.2.13 & FC3404.2.14 of the fire code.



**Michael Caputo #5357B**  
(Expires 5/31/2025)

State of New York  
County of Queens  
Sworn to before me this day 13 of Jan. 2023

Notary Public

PATRICK GUADAGNO  
NOTARY PUBLIC-STATE OF NEW YORK  
No. 01GU6119207  
Qualified in Queens County  
My Commission Expires 11-29-2024



Master Mechanic LLC.  
64-82 58<sup>th</sup> Road Maspeth, NY 11378  
E. [info@MasterMechanicLLC.com](mailto:info@MasterMechanicLLC.com)  
T. (347) 510-5544

# TANK REMOVAL AFFIDAVIT

Date: 1/11/2023

New York State Department of Environmental Conservation  
1 Hunter's Point Plaza  
47-20 21<sup>st</sup> Street  
Long Island City, NY 11101-5401

**Site Address: 4778 Broadway  
New York, NY 10034**

To Whom It May Concern,

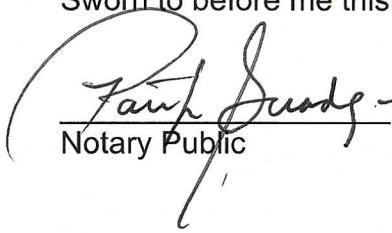
I, Michael Caputo, holder of oil burner equipment installer license #5357-B, certify that (6) 700 gallon fuel storage underground tanks were excavated, purged and permanently removed on November 3<sup>rd</sup>, 2022. All piping has been removed and fill line filled and cemented over.

This work was performed in accordance with the guidelines described in Section FC3404.2.13 & FC3404.2.14 of the fire code.



  
\_\_\_\_\_  
**Michael Caputo #5357B**  
(Expires 5/31/2025)

State of New York  
County of Queens  
Sworn to before me this day 13 of Jan 2023

  
\_\_\_\_\_  
Notary Public

PATRICK GUADAGNO  
NOTARY PUBLIC-STATE OF NEW YORK  
No. 01GU6119207  
Qualified in Queens County  
My Commission Expires 11-29-2024



Master Mechanic LLC.  
64-82 58<sup>th</sup> Road Maspeth, NY 11378  
E. [info@MasterMechanicLLC.com](mailto:info@MasterMechanicLLC.com)  
T. (347) 510-5544

# TANK REMOVAL AFFIDAVIT

Date: 1/11/2023

New York State Department of Environmental Conservation  
1 Hunter's Point Plaza  
47-20 21<sup>st</sup> Street  
Long Island City, NY 11101-5401

**Site Address: 4778 Broadway  
New York, NY 10034**

To Whom It May Concern,

I, Michael Caputo, holder of oil burner equipment installer license #5357-B, certify that (5) 275 gallon fuel storage underground tanks were excavated, purged and permanently removed on November 14<sup>th</sup>, 2022 and (2) 275 gallon fuel storage underground tanks were excavated, purged and permanently removed on November 22<sup>nd</sup>, 2022. All piping has been removed and fill line filled and cemented over.

This work was performed in accordance with the guidelines described in Section FC3404.2.13 & FC3404.2.14 of the fire code.



**Michael Caputo #5357B**  
(Expires 5/31/2025)

State of New York  
County of Queens  
Sworn to before me this day 13 of Jan. 2023

Notary Public

PATRICK GUADAGNO  
NOTARY PUBLIC-STATE OF NEW YORK  
No. 01GU6119207  
Qualified in Queens County  
My Commission Expires 11-29-2024





Master Mechanic LLC.  
64-82 58<sup>th</sup> Road Maspeth, NY 11378  
E. [info@MasterMechanicLLC.com](mailto:info@MasterMechanicLLC.com)  
T. (347) 510-5544

# TANK REMOVAL AFFIDAVIT

Date: 1/11/2023

New York City Fire Department  
Bureau of Fire Prevention – 3<sup>rd</sup> Fl.  
Attn: District Office Headquarters  
9 Metrotech Center  
Brooklyn, NY 11201

**Site Address: 4778 Broadway  
New York, NY 10034**

To Whom It May Concern,

I, Michael Caputo, holder of oil burner equipment installer license #5357-B, certify that (5) 275 gallon fuel storage underground tanks were excavated, purged and permanently removed on November 14<sup>th</sup>, 2022 and (2) 275 gallon fuel storage underground tanks were excavated, purged and permanently removed on November 22<sup>nd</sup>, 2022. All piping has been removed and fill line filled and cemented over.

This work was performed in accordance with the guidelines described in Section FC3404.2.13 & FC3404.2.14 of the fire code.



**Michael Caputo #5357B**  
(Expires 5/31/2025)

State of New York  
County of Queens

Sworn to before me this day 13 of Jan. 2023

  
Notary Public

PATRICK GUADAGNO  
NOTARY PUBLIC-STATE OF NEW YORK  
No. 01GU6119207  
Qualified in Queens County  
My Commission Expires 11-29-2024

**NON-HAZARDOUS WASTE MANIFEST**

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number

5. Generator's Name and Mailing Address

**Boro Waste Oil LLC**  
28 Champlain Avenue  
Staten Island, New York 10306

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

4778 BROADWAY  
N.Y. N.Y.

Generator's Phone: 718-385-0502

6. Transporter 1 Company Name

**Boro Waste Oil LLC**

U.S. EPA ID Number

RC00049948

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

NY OIL RECOVERY  
94 HAUSEMAN ST

U.S. EPA ID Number

Facility's Phone:

BKLYN NY 11222

9. Waste Shipping Name and Description

10. Containers

11. Total Quantity

12. Unit Wt./Vol.

1. Non Haz Non DOT OIL/WATER

3 FT

460

6

13. Special Handling Instructions and Additional Information

PUMPED FROM 8-550 GALLON TANKS AND 1-1500 GALLON TANK  
ALL TANKS WERE EXCAVATED & REMOVED

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/Offoror's Printed/Typed Name

GDI CONSTRUCTION

Signature

MA

Month Day Year  
11 / 3 / 22

15. International Shipments  Import to U.S.  Export from U.S.

Port of entry/exit:

Transporter Signature (for exports only):

Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

FUSARO

Signature

*[Signature]*

Month Day Year  
11 / 3 / 22

Transporter 2 Printed/Typed Name

Signature

Month Day Year

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

Signature

Month Day Year

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

**NON-HAZARDOUS WASTE MANIFEST**

1. Generator ID Number      2. Page 1 of      3. Emergency Response Phone      4. Waste Tracking Number

5. Generator's Name and Mailing Address: **Boro Waste Oil LLC**  
 28 Champlain Avenue  
 Staten Island, New York 10306  
 Generator's Phone: **718-385-0502**

Generator's Site Address (if different than mailing address):  
**4778 BROADWAY**  
**N.Y. N.Y.**

6. Transporter 1 Company Name: **Boro Waste Oil LLC**      U.S. EPA ID Number: **1600049948**

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

8. Designated Facility Name and Site Address: **NY OIL RECOVERY**  
**94 HAUSEMAN ST**  
**BKLYN NY 11222**  
 Facility's Phone:      U.S. EPA ID Number:

9. Waste Shipping Name and Description	10. Containers		11. Total Quantity	12. Unit Wt./Vol.
	No.	Type		
1. <b>NON HAZ NON DOT OIL/SLOPE/WATER</b>	<b>3</b>	<b>TT</b>	<b>250</b>	<b>6</b>
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information:  
**PUMPED ONE-550 GALLON AND 1-275 HYDRAULIC TANK**

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/Offeor's Printed/Typed Name: **GDI CONSTRUCTION**      Signature: *[Signature]*      Month/Day/Year: **11/10/23**

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

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: **FUSARO**      Signature: *[Signature]*      Month/Day/Year: **11/10/23**

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

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:      Signature:      Month/Day/Year:

GENERATOR  
TRANSPORTER INT'L  
DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number

5. Generator's Name and Mailing Address

Boro Waste Oil LLC  
28 Champlain Avenue  
Staten Island, New York 10306

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

4778 BROADWAY  
N.Y. N.Y.

Generator's Phone: 718-385-0502

6. Transporter 1 Company Name

Boro Waste Oil LLC

U.S. EPA ID Number

100049248

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

NY OIL RECOVERY  
94 HAUSEMAN ST  
BKLYN NY 11222

U.S. EPA ID Number

Facility's Phone:

9. Waste Shipping Name and Description

10. Containers

No.

Type

11. Total Quantity

12. Unit Wt./Vol.

1. NON HAZ NON DGT OIL/WATER

3

TT

150

G

13. Special Handling Instructions and Additional Information

PUMPS FROM ONE - 275 Gallon HYDRAULIC TANK

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/Offieror's Printed/Typed Name

GDI CONSTRUCTION

Signature

MS

Month | Day | Year  
11 | 15 | 22

15. International Shipments

Import to U.S.

Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

FUSARO

Signature

[Signature]

Month | Day | Year  
11 | 15 | 22

Transporter 2 Printed/Typed Name

Signature

Month | Day | Year

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

Signature

Month | Day | Year

GENERATOR

TRANSPORTER INT'L

DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number

5. Generator's Name and Mailing Address

Boro Waste Oil LLC  
28 Champlain Avenue  
Staten Island, New York 10306

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

4778 BROADWAY  
N.Y. - N.Y.

Generator's Phone: 718-385-0502

6. Transporter 1 Company Name

Boro Waste Oil LLC

U.S. EPA ID Number

1 K00049248

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

N.Y. OIL RECOVERY  
94 HAUSEMAN ST

U.S. EPA ID Number

Facility's Phone:

BKLYN NY 11222

9. Waste Shipping Name and Description

10. Containers

11. Total Quantity

12. Unit Wt./Vol.

1.

NON HAZ NON DOT OIL/WATER

3

TT

560

6

2.

3.

4.

13. Special Handling Instructions and Additional Information

PUMPO FROM 2 - 750 GALLON TANKS

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

GDI CONSTRUCTION

Signature

MS

Month Day Year  
11 | 22 | 22

15. International Shipments

Import to U.S.

Export from U.S.

Port of entry/exit:

Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

FUSARO

Signature

[Signature]

Month Day Year  
11 | 22 | 22

Transporter 2 Printed/Typed Name

Signature

Month Day Year

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

Signature

Month Day Year

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

NON-HAZARDOUS  
WASTE MANIFEST

1. Generator ID Number

2. Page 1 of

3. Emergency Response Phone

4. Waste Tracking Number

5. Generator's Name and Mailing Address

Boro Waste Oil LLC  
28 Champlain Avenue  
Staten Island, New York 10306

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

4778 BROADWAY  
N.Y. N.Y.

Generator's Phone: 718-385-0502

6. Transporter 1 Company Name

Boro Waste Oil LLC

U.S. EPA ID Number

1 K000049948

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

NY OIL RECOVERY  
94 HAUSEMAN ST  
BKLYN NY 11222

U.S. EPA ID Number

Facility's Phone:

9. Waste Shipping Name and Description

10. Containers

No.

Type

11. Total  
Quantity

12. Unit  
Wt./Vol.

1.

NON HAZ NON DOT OIL/WATER

3

PT

1300

6

2.

3.

4.

13. Special Handling Instructions and Additional Information

PUMPED FROM 3 - 250 GALLON TANKS

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/Offeor's Printed/Typed Name

GDI CONSTRUCTION

Signature

MA

Month Day Year  
11/2/14/22

15. International Shipments

Import to U.S.

Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

FUSARO

Signature

[Signature]

Month Day Year  
11/2/14/22

Transporter 2 Printed/Typed Name

Signature

Month Day Year

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

Signature

Month Day Year

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY



# SCALE PURCHASE TICKET

Sal's Metal Corp  
900 Edgewater Road  
Bronx, NY 10474  
(718) 328-4921

**Ticket:** 200415

**Weigh In:** 11/8/2022 12:52 PM

**Customer:** 111559

**Weigh Out:** 11/8/2022 1:11 PM

CARDELLA TRUCKING CO. INC

2400 TONNELLE AVE

N. BERGUEN, NJ 07047

**ID Number:**

**Vehicle:**

**Tag#:**

All Weights in pounds, unless otherwise noted. (M) indicates Manual Weight.

Commodity	Gross	Tare	Net	Price	TOTAL \$
#1 Unprepared steel	48,400	37,720	9,680		
Weight Deduction	Wood	-	1,000		

**Buyer:** Richie

*woh 821 296*

Customer Signature

**Please do not lose this ticket.  
Ticket required for payment.**

# Weight Manifest

Westside Transload LLC  
5600 Westside Transload  
North Bergen, NJ 07047  
Facility ID No: 452296  
Permit No: TRP120002  
201-867-7276

## Scale Ticket #: 726176

Manifest Number:  
M4778 Broadway LLC - WO - 000832749  
4778 Broadway  
Manhattan  
NY

Truck DEP	Carrier DEP	Container DEP	Truck License	Truck Description
021631	1191	224897	AX995Z	RO134

### Scale Information

Gross Weight	Tare Weight	Net Weight (Tons)	Yardage	Weigh In	Weigh Out
48,640	36,200	6.22	20	12/20/2022 4:29 PM	12/20/2022 4:48 PM

### Materials and Origin

Material Type	Material	City	County	State
13C	Metal	Manhattan	Manhattan	NY

Signature : \_\_\_\_\_

Date : \_\_\_\_\_ 12/20/2022 \_\_\_\_\_

I HEREBY CERTIFY THAT THIS LOAD DOES NOT CONTAIN ANY UNAUTHORIZED HAZARDOUS WASTE.





Cardella Trucking Co., Inc.  
2400 Tonnelle Avenue  
North Bergen, New Jersey 07047  
Phone 201-867-7276  
Fax 201-867-9047

## Waste Removal and Recycling Report

**M4778 Broadway LLC**

**4778 Broadway  
Manhattan, NY 10034**

**11/1/2022 - 11/30/2022**



# M4778 Broadway LLC

4778 Broadway  
Manhattan, NY 10034

Waste Removal and Amount of Waste Recycled For the Above-Named Project.

Service Date	Work Order	Total Yardage	Total Weight	Wood	Metal	Cardboard / Mixed Paper	Concrete / Masonry	Sheetrock	Landfill
11/2/2022	000819793	20.00	3.00	0.45	1.50	0.15	0.30	0.15	0.45
11/8/2022	000821296	20.00	5.34	0.27	4.81	0.00	0.00	0.00	0.27
11/17/2022	000824358	20.00	5.37	2.95	1.07	0.00	0.00	0.00	1.34
11/30/2022	000827835	20.00	7.49	3.00	0.75	2.25	1.50	0.00	0.00
		<b>80.00</b>	<b>21.20</b>	<b>6.67</b>	<b>8.13</b>	<b>2.40</b>	<b>1.80</b>	<b>0.15</b>	<b>2.06</b>

In 11/1/2022 - 11/30/2022, your company diverted 19.14 tons of material away from a landfill by using Cardella Trucking Co., Inc. as your waste removal services provider. Approximately 90% of the material removed from your job site in 11/1/2022 - 11/30/2022 was recyclable.

Please be advised that Cardella Trucking Co., Inc. utilizes the services of the following Recycling Facilities and End Market Users

**Wood Recycling** Environmental Renewal, LLC.  
192 Lackawanna Avenue, West Paterson, NJ 07424  
973-256-7519

**Metal Salvaging** Cinelli Scrap Metal, Inc.  
275 Broadway, Jersey City, NJ 07306  
201-333-8209

**Metal Salvaging 2** Allocco Recycling, LTD  
540 Kingsland Avenue, Brooklyn, NY 11222  
718-349-3094

**Paper Recycling** Reliable Paper Recycling, Inc.  
1 Caven Point Avenue, Jersey City, NJ 07305  
201-333-5244

**Concrete Recycling 1** Allocco Recycling, LTD  
540 Kingsland Avenue, Brooklyn, NY 11222  
718-349-3094

**Concrete Recycling 2** Tilcon New York Inc.  
411 Bergen Avenue,  
Kearny, NJ 07032  
800-789-7625

**Concrete Recycling 3** Coplay Aggregates, Inc.  
21 East 10th Street, Northampton, PA 18067

**Landfill Disposal** Sunny Farms Landfill  
12500 W. County Road 18, Fostoria, OH 44830  
419-436-0505

**Landfill Disposal 2** Apex Environment LLC  
CID: 148118  
11 County Road 78  
Amsterdam, OH 43903  
740-543-4389

**Recycling Facility 1** Zevel Transfer, LLC  
620 Truxton Street, Bronx, New York 10474

718-991-7700

**Recycling Facility 2**

Cooper Tank Recycling  
123 Varick Ave, Brooklyn, NY 11237  
718-384-7727

**Recycling Facility 3**

Allocco Recycling LTD.  
594 Scholes Street, Brooklyn, New York 11237  
718-418-2190

**Sheetrock Recycling**

Agri-Marketing, Inc. dba USA Gypsum  
1802 Texter Mountain Road, Reinholds, PA 17569  
717-335-0379

\*All residual waste is transported via truck or rail to various landfills throughout New York, Pennsylvania, and Ohio



# SCALE PURCHASE TICKET

Sal's Metal Corp  
900 Edgewater Road  
Bronx, NY 10474  
(718) 328-4921

**Ticket:** 200415      **Weigh In:** 11/8/2022 12:52 PM  
**Customer:** 111559      **Weigh Out:** 11/8/2022 1:11 PM  
CARDELLA TRUCKING CO. INC  
2400 TONNELLE AVE  
N. BERGUEN, NJ 07047

**ID Number:**  
**Vehicle:**      **Tag#:**

All Weights in pounds, unless otherwise noted. (M) indicates Manual Weight.

Commodity	Gross	Tare	Net	Price	TOTAL \$
#1 Unprepared steel	48,400	37,720	9,680		
Weight Deduction	Wood	-	1,000		

**Buyer:** Richie

WO# 821 296

000015

Customer Signature

---

***Please do not lose this ticket.  
Ticket required for payment.***

## **Appendix G**

### **Disposal Facility Approval Letters**



November 1, 2022

Ron Schreiber  
All Suffolk Materials, Inc.  
910 Middle Country Road  
Selden, NY 11784

Re: M4778 Broadway LLC  
4778 Broadway, New York, NY 10034  
NYSDEC BCP# C231131 | Approval Volume: 6,500 cubic yards

Dear Mr. Schreiber,

Clean Earth of Carteret, LLC ("CEC") has received and reviewed the following documents for the above referenced site:

- Signed Exhibit A Material Profile Sheet dated 20 October 2022
- Remedial Investigation Report by AEI Consultants dated December 2020
- Remedial Action Work Plan by HCS Civil and Environmental Engineering, LLC dated April 2021
- Sampling Location Map
- Laboratory analytical report by Alpha Analytical Lab ID: L2056428

This letter serves as an approval of ~ 6,500 cubic yards of Non-hazardous contaminated soil/urban fill represented by composite sample ID<sub>(s)</sub> in the table (page 3) and all related grab to be generated from construction activities at the site.

CEC is aware that the soil located at the site is contaminated soils coming from a NYS Brownfield clean-up site, of which AEI Consulting is the Remedial Consulting firm of Record and Phillip Clark, PE of HCS Civil and Environmental Engineering, LLC, is the Engineer of Record.

The approval number must be provided when scheduling and the grid name/depth must be written on all manifests when shipping soils to CEC. This approval is based upon material being accurately represented by all information provided to CEC at this time, including, but not limited to, waste profiles, analysis, site diagrams, site history, and sampling plans. Wood, ash, cinders, and any other solid waste may not comprise more than 1% of soil destined for CEC. Material with free petroleum product, liquids, sludges, or hazardous waste cannot be accepted.

Please be advised that should the material be found to be non-conforming based on the physical criteria listed above and our facility permit requirements, CEC will contact you to discuss options.

Processing of the soil will be performed under NJDEP Recycling Center Permit No. CBG210002.







RECYCLING & DISPOSAL SOLUTIONS

Clean Earth Inc. and its subsidiaries would like to thank you for giving us the opportunity to manage this waste stream. Should you have any questions or concerns, please do not hesitate to contact me at 732-541-8109.

Sincerely,  
Clean Earth of Carteret LLC

A handwritten signature in black ink that reads 'Emma Dangler'.

Emma Dangler



<b>Sample ID</b>	<b>Approved volume</b>
WC-S-01	800 cubic yards
WC-D-01	800 cubic yards
WC-S-02	800 cubic yards
WC-D-02	800 cubic yards
WC-S-03	800 cubic yards
WC-D-03	800 cubic yards
WC-S-04	800 cubic yards
WC-D-04	800 cubic yards
WC-S-05	800 cubic yards
WC-D-05	800 cubic yards
WC-S-06	800 cubic yards
WC-D-06	800 cubic yards





# State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION  
DIVISION OF SUSTAINABLE WASTE MANAGEMENT  
BUREAU OF RECYCLING & HAZARDOUS WASTE MANAGEMENT

PHILIP D. MURPHY  
*Governor*

SHEILA Y. OLIVER  
*Lt. Governor*

401 East State Street  
P.O. Box 420, Mail Code 401-02C  
Trenton, New Jersey 08625-0420  
Tel. (609) 984-3438 • Fax (609) 777-1951/984-0565  
[www.nj.gov/dep/dshw/recycling](http://www.nj.gov/dep/dshw/recycling)

SHAWN M. LATOURETTE  
*Commissioner*

**CERTIFIED MAIL**  
**RETURN RECEIPT REQUESTED**

March 7, 2022

Michael Persico, General Manager  
Clean Earth of Carteret, LLC  
24 Middlesex Avenue  
Carteret, NJ 07008

Re: Class B Recycling Center General Approval Renewal (with no changes)  
Clean Earth of Carteret, LLC  
Block 102, Lot 6  
Borough of Carteret, Middlesex County  
Facility ID No: 132310, Approval No.: CBG210002

Dear Mr. Persico:

Please be advised that the New Jersey Department of Environmental Protection, Division of Sustainable Waste Management, Bureau of Recycling and Hazardous Waste Management (Bureau) has reached a final determination to issue the above Class B Recycling Center General Approval Renewal. Enclosed is a copy of the final document.

Should you wish to contest any of the modified conditions of the enclosed general approval, you must file a request for an adjudicatory hearing within twenty (20) days of the date you receive this decision notice in accordance with the procedures found in N.J.A.C. 7:26A-3.14. A copy of the request should also be mailed to the Bureau.

If you have any questions concerning this matter, please contact me at (609) 984-2067 or [nicholas.nader@dep.nj.gov](mailto:nicholas.nader@dep.nj.gov).

Sincerely,

Nicholas C. Nader, Supervising Engineer  
Bureau of Recycling and Hazardous Waste Management

Enc.

- C:     \*John Stavash, Supervisor, BSWCE – Central Region  
       \*Les Jones, Middlesex County Health Officer  
       \*Christopher Sikorski, Middlesex County Solid Waste Coordinator  
       \*Municipal Clerk, Borough of Carteret  
       \*Ashia McRae, BRHWM  
       \*Rakesh Patel, Supervisor, BRHWM

\*By e-mail





State of New Jersey

DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF SUSTAINABLE WASTE MANAGEMENT
BUREAU OF RECYCLING & HAZARDOUS WASTE MANAGEMENT

PHILIP D. MURPHY
Governor

SHEILA Y. OLIVER
Lt. Governor

401 East State Street
P.O. Box 420, Mail Code 401-02C
Trenton, New Jersey 08625-0420
Tel. (609) 984-3438 • Fax (609) 777-1951/984-0565
www.nj.gov/dep/dshw/recycling

SHAWN M. LATOURETTE
Commissioner

RECYCLING CENTER GENERAL APPROVAL
FOR CLASS B RECYCLABLE MATERIALS

Under the provisions of N.J.S.A. 13:1E-1 et seq. and N.J.S.A. 13:1E-99.11 et seq., known as the Solid Waste Management Act and New Jersey Statewide Mandatory Source Separation and Recycling Act, respectively, and pursuant to N.J.A.C. 7:26A-1 et seq., known as the Recycling Regulations, this approval is hereby issued to:

Clean Earth of Carteret, LLC

Facility Type: Recycling Center for Class B Materials
Block & Lot No.: Block 102, Lot 6
Municipality: Borough of Carteret
County: Middlesex
Facility ID No.: 132310
Approval No.: CBG210002

This General Approval is subject to compliance with all conditions specified herein and all regulations promulgated by the Department of Environmental Protection (Department).

This General Approval shall not prejudice any claim the State may have to riparian land nor does it allow the registrant to fill or alter, or allow to be filled or altered, in any way, lands that are deemed to be riparian, wetlands, stream encroachment or flood plains, or within the Coastal Area Facility Review Act (CAFRA) zone or are subject to the Pinelands Protection Act of 1979, nor shall it allow the discharge of pollutants to waters of this State without prior acquisition of the necessary grants, permits, or approvals from the Department.

March 7, 2022
Issuance Date

Nicholas C. Nader, Supervising Engineer
Bureau of Recycling and Hazardous Waste Management

March 7, 2027
Expiration Date

### Scope of Approval

This General Approval (approval), along with the referenced application documents herein specified, shall constitute the sole approval of Recycling Center operations for Class B Recyclable Material (petroleum contaminated soil, street sweepings, brick, block, concrete, stone, rock, and asphalt) by **Clean Earth of Carteret, LLC**, located in the Borough of Carteret, Middlesex County, New Jersey. Any registration, approval or permit previously issued by the Division of Solid and Hazardous Waste, or its predecessor agencies, for the specific activities as described below and as conditioned herein, is hereby superseded.

### Regulated Activities at the Facility

Requirements 1 through 42 of this approval contain the general conditions applicable to all recycling centers. Requirements 43 through 88 of this approval contain the operating requirements specific to the recycling center for receipt, storage, processing, or transfer of Class B recyclable materials including non-hazardous petroleum contaminated soils. Requirements 89 through 92 of this approval are the sampling requirements for testing street sweepings. Requirements 93 through 98 of this approval contain the conditions for aggregate crushing operations.

### Facility Description

The facility is a Class B recycling center owned and operated by Clean Earth of Carteret, LLC (Clean Earth). The recycling center is located at 24 Middlesex Avenue on Block 102, Lot 6, in the Borough of Carteret, Middlesex County. This regional recycling center receives and treats petroleum contaminated soil from soil remediation contractors and street sweepings from municipalities.

Petroleum contaminated soils accepted for treatment by the facility include soils contaminated with gasoline, kerosene, jet fuel, numbers 1-6 fuel oil, manufactured gas plant residuals, and used oil and waste oils. The treatment process consists of using the facility's biological remediation process to introduce specifically engineered solid and liquid microbial reagents and a fertilized blend into the soil matrix.

Additionally, the recycling center is authorized to receive, store, process and transfer brick, block, concrete, stone, rock, and asphalt from construction and demolition contractors, construction companies, municipalities, and counties. Hours of operation for the receipt, treatment/processing and transferring source separated recyclable material are 24 hours per day, 7 days per week. The operation of the crushers shall be limited to 7:00 a.m. to 7:00 p.m., Monday through Friday and Saturday 7:00 a.m. to 4:00 p.m.

The recycling center may receive a combined total of 4,700 tons per day of aggregate material and contaminated soil, with weekly average not to exceed 28,000 tons.

The recycling center is also utilized for finished product storage and equipment storage as shown on the site plan. The recycling center markets clean soil and dense graded aggregate from the site.



Approved General Approval Application and Associated Documents

The holder shall construct and operate the facility in accordance with N.J.A.C. 7:26A-1 *et seq.*, the conditions of this Approval, and the following documents:

- a) Inclusion of SD&G, Inc. as a Class B Recycling Facility in the District Solid Waste Management Plan (Plan) by the County of Middlesex, certified by the NJDEP Commissioner on July 16, 1996 and subsequent Plan Amendment by Administrative Action dated November 6, 2002 to change the facility's name to Clean Earth of Carteret, Inc.
- b) Plan Amendments by Administrative Action dated May 12, 2003, August 19, 2005, May 11, 2010, and July 31, 2018, approving changes to operations of the facility.
- c) Plan Amendment by Administrative Action dated January 11, 2019 to change the block and lot designation.
- d) Site Plan dated May 9, 2014 and last revised (Revision No. 8) on November 02, 2021, signed and sealed by Bradley J. Cunningham, New Jersey registered P.E.
- e) Clean Earth of Carteret, Submittal of signed transfer agreement, prepared and signed by Michael D. Logan, Vice President, Compliance Plus Services, dated May 22, 2003.
- f) Drawing No. SB-01 – Process Building Floor Plan, dated May 2, 2014 and last revised (Revision No. 2) on December 3, 2020, signed and sealed by Bradley J. Cunningham, New Jersey registered P.E.
- g) Clean Earth of Carteret, Inc., Request to utilize cement kiln dust or lime as a drying agent to remove moisture from its treated soils, prepared and signed by Michael D. Logan, Vice President, Compliance Plus Services, dated December 27, 2006.
- h) Notification of Proposed Stock Purchase of Clean Earth Holdings, Inc. dated August 20, 2014 and prepared by Michael D. Logan, Vice President of Compliance Plus Services, Inc.
- i) Class B Recycling Center General Approval Renewal and Modification Application for the Acceptance of Restricted Use Aggregate (“RUA”) and Direct Reuse Soils (“DRS SOILS”), dated March 5, 2012, prepared by Michael D. Logan, Vice President of Compliance Plus Services, Inc.
- j) Class B General Approval Renewal Application dated June 10, 2014, and prepared by Michael D. Logan, Vice President of Compliance Plus Services, Inc. This Renewal Application did not include any modification approval requested to the proposed acceptance and processing of Direct Reuse of Soils (DRS) and Restricted Reuse Aggregate (RUA) referenced above.



- k) Class B Recycling Center Renewal Application of General Approval dated November 21, 2016 and signed by Michael D. Logan, Vice President – Environmental Services, Compliance Plus Services, Inc. and including the following:
  - 1. Ground Lease Agreement dated November 1, 2010;
  - 2. List of Permitted Equipment; and
  - 3. Certification dated November 21, 2016, signed by Christopher Dods, President – Clean Earth of Carteret and certifying that there have been no changes in the operations of the recycling center since the most recent Approval modification.
- l) Supplemental information dated February 17, 2017 and signed by Michael D. Logan, Compliance Plus Services.
- m) Class B Approval Modification Application dated June 15, 2017 and prepared by Compliance Plus Services.
- n) Supplemental information dated January 16, 2018 and signed by Michael D. Logan, Compliance Plus Services, submitted in response to the Bureau’s Notice of Technical Deficiency dated November 16, 2017.
- o) Supplemental information dated March 27, and April 11, 2018 by John A. Castner, P.E., Compliance Plus Services.
- p) Application for Modification of Class B General Approval, dated March 8, 2019, prepared and submitted by Compliance Services, Inc. on behalf of Clean Earth of Carteret, signed by Michael D. Logan and including certification dated February 19, 2019, signed by Christopher Dods, CEO/President, Clean Earth of Carteret.
- q) Supplemental information dated May 14 and June 18, 2019 and submitted via electronic mail by John A. Castner, P.E., Compliance Plus Services, Inc. on behalf of Clean Earth of Carteret.
- r) Application for Modification of Class B General Approval, dated December 4, 2020 and prepared and signed by Michael D. Logan, Compliance Plus Services, Inc.
- s) Supplemental information dated December 18, 2020 and submitted by Michael D. Logan, Compliance Plus Services.
- t) Application for renewal of Class B General Approval (with no changes), dated November 8, 2021 and signed by Sharon Crawford, Area Environmental Manager, Clean Earth.

In case of conflict, the provisions of N.J.A.C. 7:26A-1 *et seq.* shall have precedence over the conditions of this Approval, and the conditions of this Approval shall have precedence over plans and specifications listed above.





**CLEAN EARTH OF CARTERET LLC**  
132310 CBG210002 Class B Recycling Ctr General Apprv -Renewal  
Requirements Report

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**Subject Item: PI 132310 -**

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1. All persons issued a general approval to operate a recycling center for Class B, Class C and/or Class D recyclable material pursuant to N.J.A.C. 7:26A-1 et seq. shall comply with all conditions of the approval. [N.J.A.C. 7:26A- 3.1(a)]
2. The holder of this general approval shall prominently post and maintain a legible sign, at or near the entrance to the recycling center, indicating that the recycling center is an approved New Jersey Department of Environmental Protection recycling center. The sign shall also indicate the following: Hours of operation of the recycling center; Listing of the source separated materials to be received; The size, weight, or other restrictions regarding materials to be received; The maximum amount of contaminants allowed in each load; Warning that loads will be inspected and will be barred from offloading if the contaminant level is exceeded; and Notice that the person offloading shall certify the amount of material per load, municipality of origin of the material and any other information contained on the Recyclable Material Receipt Form. [N.J.A.C. 7:26A- 3.5(f)]
3. Application for renewal of this general approval shall be submitted at least three months prior to expiration of the current approval and shall comply with all requirements for renewal set forth in N.J.A.C. 7:26A-3.6 et seq. One copy of the application for renewal of the general approval shall be submitted by the applicant to the municipal clerk of the municipality in which the recycling center is located, and to the solid waste or recycling coordinator of the county in which the recycling center is located. [N.J.A.C. 7:26A- 3.6(a)]
4. The applicant for renewal of this general approval shall certify in writing to the Department that there have been no changes in the operations of the recycling center since the issuance of the general approval in order to renew the approval in its existing form. In the event that there have been changes in the operations of the recycling center or where changes are planned, the application for renewal of a general approval shall be accompanied by a written request to modify the general approval in accordance with N.J.A.C. 7:26A-3.10. [N.J.A.C. 7:26A- 3.6(b)]
5. In a case where the holder of this general approval does not comply with N.J.A.C. 7:26A-3.6(a) and (b) and continues to operate without renewal of the general approval, the Department may take enforcement action including the assessment of penalties under N.J.S.A. 13:1E-9; require the holder of this general approval to file an application as a new applicant for a general approval in accordance with N.J.A.C. 7:26A-3.2 and pay the application fee as per N.J.A.C. 7:26A-2; and/or take any other appropriate actions. [N.J.A.C. 7:26A- 3.6(c)]
6. All persons granted a renewal pursuant to N.J.A.C. 7:26A-3.6(d) shall continue to pay the annual fee as specified in N.J.A.C. 7:26A-2. [N.J.A.C. 7:26A- 3.6(h)]
7. The holder of this general approval shall obtain prior approval from the Department for any modification of the general approval. [N.J.A.C. 7:26A- 3.10(a)]
8. Any change affecting the conditions of this general approval requires the prior approval of the Department. [N.J.A.C. 7:26A- 3.10(b)1]
9. Any change to the information submitted pursuant to N.J.A.C. 7:26A-3.2(a), 3.4, 3.8, 3.18, 3.19 or 3.20 requires the prior approval of the Department, except that changes in end-market information submitted pursuant to N.J.A.C. 7:26A-3.2(a) 7 shall not require the prior approval of the Department but shall be handled in accordance with N.J.A.C. 7:26A-3.10(f). [N.J.A.C. 7:26A- 3.10(b)2]

**CLEAN EARTH OF CARTERET LLC**  
132310 CBG210002 Class B Recycling Ctr General Apprv -Renewal  
Requirements Report

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**Subject Item: PI 132310 -**

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10. The holder of this general approval shall notify the Department in writing of the intended modification and shall update the information submitted pursuant to N.J.A.C. 7:26A-3.2(a), 3.4, 3.8, 3.18, 3.19 or 3.20. The holder of this general approval shall also provide written notice to the solid waste or recycling coordinator of the applicable county of any request to modify a general approval. [N.J.A.C. 7:26A- 3.10(c)]
11. The holder of this general approval shall not institute the modification until it receives written approval from the Department. [N.J.A.C. 7:26A- 3.10(e)]
12. Within one week of any change to the end-market information submitted to the Department pursuant to N.J.A.C. 7:26A-3.2(a)7, the holder of this general approval shall submit to the Department a written notification which details any change in the use of the recyclable material transferred from the recycling center to an end-market or in the end-market location to which the recyclable material is transferred. The written notification shall be sent to: New Jersey Department of Environmental Protection, Division of Sustainable Waste Management, Bureau of Recycling and Hazardous Waste Management, 401 East State Street, P.O. Box 420, Mail Code 401-02C, Trenton, New Jersey 08625-0420. Such notification may be sent electronically to the Bureau's email inbox: recyclingfacilities@dep.nj.gov. [N.J.A.C. 7:26A- 3.10(f)]
13. The Department may revoke this general approval upon a determination that the holder of the general approval has violated any provision of N.J.S.A. 13:1E-1 et seq., the New Jersey Statewide Mandatory Source Separation and Recycling Act, or any rule, regulation or administrative order promulgated pursuant to N.J.S.A. 13:1E-1 et seq. and the New Jersey Statewide Mandatory Source Separation and Recycling Act. [N.J.A.C. 7:26A- 3.13(a)1]
14. The Department may revoke this general approval upon a determination that the holder of the general approval has violated any solid waste utility law at N.J.S.A. 48:2-1 et seq. or 48:13A-1 et seq., or any rule, regulation or administrative order promulgated pursuant to N.J.S.A. 48:2-1 et seq. or 48:13A-1 et seq. [N.J.A.C. 7:26A- 3.13(a)2]
15. The Department may revoke this general approval upon a determination that the holder of the general approval has violated any provision of any laws related to pollution of the waters, air or land surfaces of the State or of any other State or Federal environmental laws including criminal laws related to environmental protection. [N.J.A.C. 7:26A- 3.13(a)3]
16. The Department may revoke this general approval upon a determination that the holder of the general approval has refused or failed to comply with any lawful order of the Department. [N.J.A.C. 7:26A- 3.13(a)4]
17. The Department may revoke this general approval upon a determination that the holder of the general approval has failed to comply with any of the conditions of this general approval issued by the Department. [N.J.A.C. 7:26A- 3.13(a)5]
18. The Department may revoke this general approval upon a determination that the holder of the general approval has transferred a general approval to a new owner or operator pursuant to N.J.A.C. 7:26A-3.15 without the prior approval of the Department. [N.J.A.C. 7:26A- 3.13(a)6]
19. The Department may revoke this general approval upon a determination that the holder of the general approval has failed to obtain any required permit or approval from the Department or other State or Federal agency. [N.J.A.C. 7:26A- 3.13(a)7]

**CLEAN EARTH OF CARTERET LLC**  
132310 CBG210002 Class B Recycling Ctr General Apprv -Renewal  
Requirements Report

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**Subject Item: PI 132310 -**

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20. The Department may revoke this general approval upon a determination that the holder of the general approval has committed any of the acts which are criteria for denial of a general approval set forth in N.J.A.C. 7:26A-3.12. [N.J.A.C. 7:26A- 3.13(a)8]
21. This general approval shall not be transferred to a new owner or operator without the Department's prior approval. [N.J.A.C. 7:26A- 3.15(a)]
22. A written request for permission to allow a transfer of this general approval must be received by the Department at least 60 days in advance of the proposed transfer of ownership or operational control of the recycling center. The request for approval shall include the following: the name, address and social security number of all prospective new owners or operators; a written certification by the proposed transferee that the terms and conditions contained in the general approval will be met by the proposed transferee; and a written agreement between the current owner or operator of the recycling center and the proposed new owner or operator containing a specific future date for transfer of ownership or operational control. [N.J.A.C. 7:26A- 3.15(a)1]
23. A new owner or operator may commence operations at the recycling center only after the existing approval has been revoked and a new approval is issued to the new owner or operator pursuant to N.J.A.C. 7:26A-3.5. [N.J.A.C. 7:26A- 3.15(a)2]
24. The holder of this general approval remains liable for ensuring compliance with all conditions of the approval unless and until the existing approval is revoked and a new approval is issued to the new owner or operator pursuant to N.J.A.C. 7:26A-3.5. [N.J.A.C. 7:26A- 3.15(a)3]
25. Compliance with the transfer requirements set forth at N.J.A.C. 7:26A-3.15 shall not relieve the holder of this general approval from the separate responsibility of providing notice of such transfer pursuant to the requirements of any other statutory or regulatory provision. [N.J.A.C. 7:26A- 3.15(a)4]
26. The transfer of a controlling interest in the stock or assets of the recycling center that is the subject of this general approval shall constitute a transfer of this general approval. [N.J.A.C. 7:26A- 3.15(b)]
27. The holder of this general approval shall maintain a daily record of the amounts of each recyclable material by type and municipality of origin which are received, stored, processed or transferred each day, expressed in tons, cubic yards, cubic feet or gallons. Those operators specifying this information in cubic yards shall also indicate the conversion ratio of the materials from cubic yards to tons and vice versa. [N.J.A.C. 7:26A- 3.17(a)1]
28. The holder of this general approval shall maintain a daily record of the name, address and telephone number of the end-markets for all recyclable materials transported from the recycling center, including the amounts, in tons, cubic yards, cubic feet or gallons, transported to each end-market. Those persons specifying this information in cubic yards shall also indicate the conversion ratio of the materials from cubic yards to tons and vice versa. [N.J.A.C. 7:26A- 3.17(a)2]
29. The holder of this general approval shall maintain a daily record of the amount of residue disposed of, expressed in tons, cubic yards, cubic feet or gallons, including the name and New Jersey Department of Environmental Protection solid waste registration number of the solid waste collector/hauler contracted to provide the haulage/disposal service. Those persons specifying the amount of residue in cubic yards shall also indicate the conversion ratio of the residue from cubic yards to tons or vice versa. [N.J.A.C. 7:26A- 3.17(a)3]

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30. The holder of this general approval shall retain all Recyclable Material Receipt Forms required pursuant to N.J.A.C. 7:26A-3.2(a)16iii for three calendar years following the calendar year for which an annual report is required pursuant to N.J.A.C. 7:26A-3.17(c). [N.J.A.C. 7:26A- 3.17(b)]
31. The holder of this general approval shall submit an annual report containing monthly summary statements of the information required pursuant to N.J.A.C. 7:26A-3.17(a) to the New Jersey Department of Environmental Protection, Division of Sustainable Waste Management, on or before March 1 of each year, for the previous calendar year. The summaries shall include the following: monthly totals of the amount of recyclable material received from each customer by municipality of origin; monthly totals of the amount of recyclable product transferred to each end-market; and the amount of residue disposed of during each month. The annual report shall be submitted electronically to the Bureau's inbox: recyclingfacilities@dep.nj.gov, on forms or in the format specified by the Department. [N.J.A.C. 7:26A- 3.17(c)]
32. All information submitted to the Department pursuant N.J.A.C. 7:26A shall be handled in accordance with the requirements of the Public Records law, N.J.S.A. 47:1-1 et seq. The Department will hold confidential all end-market information, as well as information pertaining to the municipality of origin of recyclable material, submitted pursuant to N.J.A.C 7:26A-3.2, 3.7, and 3.17 through 3.20 for a period of two years from the date on which the information is submitted to the Department, where specified as confidential by the applicant and where there are no health, safety or environmental concerns which require the release of the information, as determined by the Department. [N.J.A.C. 7:26A-3.17(f)]
33. The holder of this general approval shall provide a recycling tonnage report by March 1 of each year to all municipalities from which recyclable material is received in the previous calendar year. The report shall detail the amount of each source separated recyclable material, expressed in tons or cubic yards, brought to the recycling center, as well as the date on which the recyclable materials were delivered to the recycling center. Those persons specifying this information in cubic yards shall also indicate the conversion ratio of the materials from cubic yards to tons or vice versa. [N.J.A.C. 7:26A- 4.4(a)]
34. The recycling center shall not commence operations unless and until it is included in the applicable district solid waste management plan. [N.J.A.C. 7:26A- 4.2]
35. The construction of the recycling center that is the subject of this general approval shall be in conformance with the New Jersey Uniform Construction Code, N.J.S.A. 52:27D-119 et seq., and the rules promulgated pursuant thereto. [N.J.A.C. 7:26A- 4.1(b)]
36. The New Jersey Department of Environmental Protection or an authorized representative acting pursuant to the County Environmental Health Act, N.J.S.A. 26:3A2-1 et seq. shall have the right to enter and inspect any building or other portion of the recycling center at any time in order to determine compliance with the provisions of all applicable laws or rules and regulations adopted pursuant thereto. This right to inspect includes, but is not limited to: sampling any materials on site; photographing any portion of the recycling center; investigating an actual or suspected source of pollution of the environment; and, ascertaining compliance or non-compliance with the statutes, rules or regulations of the Department, including conditions of the recycling center approval issued by the Department. [N.J.A.C. 7:26-1.7(a)]

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37. The right of entry specified at N.J.A.C. 7:26A-1.7(a) shall be limited to normal operating hours for the purpose of reviewing and copying all applicable records, which shall be made available to the Department during an inspection and submitted to the Department upon request. [N.J.A.C. 7:26-1.7(b)]
38. The facility shall comply with the general operating requirements for all Recycling Centers as provided at N.J.A.C. 7:26A-4.1. [N.J.A.C. 7:26A- 4]
39. In case of conflict, the provisions of N.J.A.C. 7:26A-1 et seq. shall have precedence over the conditions of this Approval, and the conditions of this Approval shall have precedence over plans and specifications listed above. [N.J.A.C. 7:26A- 3.5(e)]
40. Pursuant to N.J.A.C. 7:26A-3.2(a)18, the holder of this General Approval shall ensure that all recycling activities authorized by this General Approval are conducted in full compliance with the applicable Storm Water Management rules at N.J.A.C. 7:8-5 and 6 and Pollutant Discharge Elimination System rules at N.J.A.C. 7:14A et seq. and any permit issued pursuant to 7:14A et seq. In the event that compliance with the above rules require changes to the site plan or any operations authorized by this general approval, the holder of the general approval shall submit a modification application including a revised site plan, within thirty (30) days of receiving all approvals/permits from the NJPDES Program, to the Bureau of Recycling and Hazardous Waste Management for review and approval. [N.J.A.C. 7:26A- 3.5(e)]
41. The holder of this General Approval shall grade and maintain the facility to minimize the accumulation of ponded water in a manner that protects human health, safety, and the environment, and prevents detrimental conditions including, but not limited to odors, mosquito colonization, or causes site materials to be tracked off-site. Any soil modification and grading performed shall be in accordance with the approved Soil Erosion and Sediment Control Plan approved by the Applicable Soil Conservation District and shall be in compliance with all Department permits. [N.J.A.C. 7:26A-3.5(e)]
42. Upon notification from the Department that a State of Emergency, which may impact the facility's operations, has been declared by the Governor pursuant to New Jersey Disaster Control Act at N.J.S.A. App. A:9-30 et seq., the permittee shall provide to the Division of Sustainable Waste Management, a daily report on the operational status of the facility and the quantity of wastes received during the previous day or any other relevant information requested pursuant to N.J.S.A. App.A:9.36. The status report shall be submitted electronically to [solidwasteemergencies@dep.nj.gov](mailto:solidwasteemergencies@dep.nj.gov), or as otherwise directed by the Department, on forms or in format provided by the Department and in compliance with the time frames established by the Department after the State of Emergency Declaration. The status report shall be submitted daily until the permittee is informed by the Department that the reports are no longer required for the State of Emergency. [N.J.A.C. 7:26A- 3.5(e)]

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**Subject Item: RCBG139162 - General Class B & Soil Conditions**

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43. Recycling centers receiving petroleum contaminated soil must have a preparedness and prevention plan. The contingency plan contained in the approved documents must be maintained onsite and updated as necessary. [N.J.A.C. 7:26A- 3.5(e)]

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44. Upon detection of a release of contaminants to the environment, the facility shall perform the following cleanup steps: stop the release, contain the released contaminants, clean up and manage properly the released contaminants and other materials and if necessary, repair or replace any leaking soil containment systems prior to returning them to service. [N.J.A.C. 7:26A-3.5(e)]
45. Upon closure of the facility the owner or operator shall remove or decontaminate petroleum contaminated soils, containment system components, and structures and equipment and manage them as hazardous waste, unless the materials are not hazardous waste under N.J.A.C. 7:26G-5. [N.J.A.C. 7:26A- 3.5(e)]
46. All equipment and portions of the facility designated for the storage or processing of petroleum contaminated soils shall be visually inspected each operating day for integrity and leaks. [N.J.A.C. 7:26A-3.5(e)]
47. Records shall be maintained for all visual inspections. These records shall document that inspections were performed, any problems found, and the subsequent correction of such problems. All records shall be kept for a minimum of three years. [N.J.A.C. 7:26A-3.5(e)]
48. The facility shall keep a record of each shipment of petroleum contaminated soil accepted for processing. These records may take the form of a log, invoice, manifest, bill of lading or other shipping documents. All tracking records shall be maintained by the holder of this general approval as required by N.J.A.C. 7:26A-3.2(a) 16iii for three calendar years.

Records for each shipment shall include the following information: the name and address of the transporter who delivered the soil to the facility, the name and address of the generator from whom the soil was sent, the NJDEP registration number of the transporter, EPA ID number (if applicable) of the generator, the quantity of soil accepted and the date of acceptance.

Prior to the receipt of a shipment of soil from a generation source, the holder of this approval shall have received a completed Clean Earth of Carteret Material Characterization Report, as referenced in the approved General Approval Application, and associated documents for that shipment. The report shall include at least the following information: name and address of the generation site, contact information, quantity of soil, type of oil contaminating the soil, contamination source (i.e. underground storage tank, above ground storage tank, spill, historic or other), past use of generation site (i.e. industrial, commercial, residential or historic fill), analytical results conducted on the soil and a certification that the information provided is true and accurate. The holder of this approval shall review the information provided to ensure the shipment complies with the facility's acceptance criteria for soil prior to authorizing acceptance of a shipment. [N.J.A.C. 7:26A- 3.5(e)]

49. The facility shall maintain onsite a written operating record showing analysis records, tracking records, and summary reports of incidents requiring implementation of the contingency plan. This information shall be made available to Department personnel upon request and shall be kept for a minimum of three years. [N.J.A.C. 7:26A- 3.5(e)]

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**Subject Item: RCBG139162 - General Class B & Soil Conditions**

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50. The following source separated Class B recyclable materials, which have been separated at the point of generation from other waste materials or separated at a permitted solid waste facility authorized to separate recyclable materials, may be received, stored, processed or transferred at this recycling center: NJDOT street sweepings that meet NJ Non-Residential Direct Contact Soil Remediation Standards (SRS) and non-hazardous petroleum contaminated soils which otherwise would be ID 27 if not recycled. Only soil contaminated with the following compounds shall be accepted and processed at this facility: gasoline, kerosene, jet fuel, Numbers 1 through 6 fuel oil, Manufactured Gas Plant residuals, and used oil and waste oils. Used oil shall be defined as any oil that has been and as a result of such use, is contaminated by physical or chemical impurities. No soils may be accepted that have been contaminated with materials that are other waste materials, or waste by-products, such as sludges. No soils with free petroleum product or other liquids shall be accepted at the facility. For soils containing greater than 17,000 ppm Extractable Petroleum Hydrocarbons (EPH) or Total Petroleum Hydrocarbons (TPH), the soil shall be determined not to contain free liquids, using the analytical test method(s) in the latest edition of USEPA SW-846. No hazardous waste, as defined by N.J.A.C. 7:26G-5, shall be accepted by the facility. Authorized soil may include soils that are contaminated with petroleum hydrocarbons which originate from historically contaminated sites or historic fill sites provided they do not contain in excess of 1% by volume of other contaminants such as trash or rubbish. [N.J.A.C. 7:26A- 3.5(e)]
51. At no time shall the receipt, storage, processing, or transferring of non-source separated construction and demolition material be allowed at this recycling center. The prohibition of this material shall be strictly enforced and any incident shall be considered a serious violation to the conditions of this Approval. [N.J.A.C. 7:26A-3.5(e)]
52. The recycling center may not receive, store, process, or transfer source separated petroleum contaminated soils and NJDOT street sweepings with any other Class B recyclable materials. The commingling of petroleum contaminated soil and NJDOT street sweepings shall only be allowed after the testing requirements identified in this approval have been met. The commingling of any other materials not described above is prohibited. [N.J.A.C. 7:26A-3.5(e)]
53. The maximum amount of contaminants, as defined in N.J.A.C. 7:26A-1.3, allowed in each incoming load of Class B recyclable material shall be limited to 1% by volume. Incidental by-product materials shall not be considered to be contaminants. [N.J.A.C. 7:26A-3.5(e)]
54. Incidental amounts of rebar, metal, soil, and other by-products which adhere to the Class B recyclable materials, as specified in this Approval, and which are returned to the economic mainstream as raw material or products, may be received, stored, processed, or transferred at this recycling center. The receipt of such incidental amounts of these materials need not be separately accounted for, but the storage and end-markets for these materials shall be subject to specific conditions of this Approval. [N.J.A.C. 7:26A-3.5(e)]
55. The holder of this general approval shall operate the recycling center and construct or install associated appurtenances thereto, in accordance with the provisions of N.J.A.C. 7:26A-1 et seq., the conditions of this general approval, and the general approval application documents. [N.J.A.C. 7:26A-3.5(e)]
56. One complete set of the general approval application documents, this general approval, and all records, reports and plans as may be required pursuant to this approval shall be kept on file at the recycling center and shall be available for inspection by authorized representatives of the Department or delegated agents upon presentation of credentials. [N.J.A.C. 7:26A-3.5(e)]

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57. Hours of operation for the receipt, storage, treatment/processing and transferring source separated petroleum contaminated soils and NJDOT street sweepings material can occur 24 hours per day, 7 days per week. [N.J.A.C. 7:26A- 3.5(e)]
58. Material deliveries to the recycling center shall be scheduled in such a manner as to minimize truck queuing on the recycling center property. Under no circumstances shall delivery trucks be allowed to back-up or queue onto public roads. [N.J.A.C. 7:26A-3.5(e)]
59. The recycling center may receive no more than a combined total of 4,700 tons per day of petroleum contaminated soils and street sweepings, and source separated recyclable material. Soils meeting applicable end use standards without the need for treatment are considered to be product and do not count toward the daily tonnage. This condition is contingent upon the traffic on the public roads adjacent to the facility not being adversely affected. Should the traffic be impacted by the facility, the Department reserves the right to reduce the capacity of the facility. [N.J.A.C. 7:26A- 3.5(e)]
60. The total amount of unprocessed soil material stored in the building (Soil Storage Warehouse) shall not exceed 18,287 cubic yards. Materials stored in the Soil Storage Warehouse (SSW) shall be stored only in those areas designated for that purpose as indicated on the approved interior layout drawing. In addition, Area B on the approved site plan may be used to temporarily store 15,000 cubic yards of unprocessed soils until further processing in the SSW. The unprocessed soils in Area B will be segregated on an asphalt base with Jersey barriers and tarped during storage. [N.J.A.C. 7:26A- 3.5(e)]
61. If at any time, the amount of soil material stored inside SSW exceeds 18,287 cubic yards, and the amount of soil material stored in the temporary storage Area B exceeds 15,000 cubic yards, the recycling center shall immediately cease receiving any unprocessed soil material until the combined amount of unprocessed soil material fall below 33,287 cubic yards. [N.J.A.C. 7:26A- 3.5(e)]
62. Unprocessed recyclable material shall not remain onsite, in its unprocessed form, for more than one (1) year. [N.J.A.C. 7:26A- 3.9(b)]
63. The total amount of processed soil materials stored outside shall not exceed 55,792 cubic yards. Processed material shall be stored only in those areas designated for that purpose as indicated on the approved site plan drawings. [N.J.A.C. 7:26A- 3.5(e)]
64. If at any time, the amount of processed soil material stored onsite exceeds 55,792 cubic yards, the recycling center shall immediately cease processing activities until the amount of processed material falls below 55,792 cubic yards. [N.J.A.C. 7:26A- 3.5(e)]
65. All processed material shall be stored separately from residues. [N.J.A.C. 7:26A-3.5(e)]
66. By-products shall be stored in the container(s) or area(s) as depicted on the approved site plan and shall be removed off-site to the end markets as referenced in the approved documents. [N.J.A.C. 7:26A-3.5(e)]
67. Horizontal and vertical control points for the unprocessed and processed soil stockpile areas shall be set and maintained onsite. Horizontal limitation markers shall be set at the corners of the stockpile areas as depicted on the approved site plan. Vertical limitation markers shall be set at locations in close proximity of the stockpile areas and shall clearly establish elevation height of 20 feet above the existing grade for the stockpile areas located inside the building and 30 feet above the existing grade for the processed stockpile areas located outside. Metal pipes/rods or the equivalent, as approved by the Department, shall be used to establish these control points. [N.J.A.C. 7:26A- 3.5(e)]



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**Subject Item: RCBG139162 - General Class B & Soil Conditions**

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68. Ingress and egress of the facility shall be restricted to Middlesex Avenue only. [N.J.A.C. 7:26A-3.5(e)]
69. Methods of effectively controlling dust shall be implemented at the facility in order to prevent offsite migration. [N.J.A.C. 7:26A-3.5(e)]
70. Fire fighting and emergency procedures shall be posted, and shall include the telephone numbers of local fire, police, ambulance, and hospital facilities. If a fire occurs on-site, the facility shall immediately notify the local fire official and the N.J.D.E.P. Environmental Action Hotline at 1-877-927-6337. [N.J.A.C. 7:26A-3.5(e)]
71. Any suspected or prohibited hazardous waste, as defined at N.J.A.C. 7:26G-5, found in a load accepted at the recycling center shall not be returned to the generator. Such materials shall be segregated and stored in a secure manner and shall be immediately reported to the N.J.D.E.P. Environmental Action Hotline at 1-877-927-6337. The owner/operator of the recycling center shall secure the name of the collector/hauler suspected of delivering such waste to the facility and related information surrounding the incident, if available, and shall make this information known to the Department's enforcement personnel. Such materials may be returned to a known generator, provided the specific permission to do so is received by the owner/operator after contacting 1-877-927-6337. Otherwise, the owner/operator shall dispose of the unauthorized waste in accordance with instructions received from the Department. [N.J.A.C. 7:26A- 3.5(e)]
72. All revisions to the site plan and the approved documents which may be required as a result of the above, shall be submitted to this office for modification to this Approval. [N.J.A.C. 7:26A-3.5(e)]
73. Pursuant to N.J.A.C. 7:26A-3.11(a), the holder of this general approval shall obtain prior approval from the Department for any increase in the design capacity of the facility. The facility shall submit a request to the Department, in writing, for the proposed increase and shall submit updated information pursuant to the requirements of N.J.A.C. 7:26A-3.2(a), 3.4, or 3.8, as applicable. The facility shall also provide written notice of the request to the solid waste or recycling coordinator of the applicable district. [N.J.A.C. 7:26A-3.5(e)]
74. The sampling plan, collection, preservation, and handling for the sampling and analysis of unprocessed contaminated soil as required in this Approval must be performed in accordance with the New Jersey Technical Requirements for Site Remediation at N.J.A.C. 7:26E and the latest edition of the New Jersey Department of Environmental Protection's Field Sampling Procedures Manual. All analysis must be performed by a NJDEP certified laboratory. [N.J.A.C. 7:26A- 3.5(e)]
75. All soils must be tested using the most current approved test methodology in accordance with USEPA SW-846. [N.J.A.C. 7:26A-3.5(e)]
76. Petroleum contaminated soils shall be sampled either at the point of generation or at the recycling center. Soils from different generation sites shall be segregated at the facility until the sampling results are received. The sampling and analysis shall be implemented as described in the following conditions. [N.J.A.C. 7:26A- 3.5(e)]
77. Every 400 cubic yards of contaminated soil from each site shall be sampled and analyzed for EPH or TPH in the following manner: a representative sample from every 100 cubic yards of contaminated soil shall be taken and these four samples shall be composited into one sample and analyzed. When the volume of soil is greater than 100 and less than 400 cubic yards, a representative sample of every 100 cubic yards, or a fraction thereof, shall be taken and these samples shall be composited into one sample and analyzed. [N.J.A.C. 7:26A- 3.5(e)]

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**Subject Item: RCBG139162 - General Class B & Soil Conditions**

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78. Every 800 cubic yards of contaminated soil shall be sampled and analyzed for total volatile organic compounds (VOC), in the following manner: a representative sample from every 100 cubic yards of contaminated soil shall be taken and these samples shall be composited into one sample and analyzed. When the volume of soil is less than 800 cubic yards, a representative sample of every 100 cubic yards, or fraction thereof, shall be taken and these samples shall be composited into one sample and analyzed. [N.J.A.C. 7:26A-3.5(e)]
79. The sampling results shall be used to determine the maximum contaminant feed rate or maximum contaminant concentration for the processing equipment in accordance with the Air Quality Permit and shall also demonstrate that the material is non-hazardous for the above contaminants in accordance with N.J.A.C. 7:26G-8.5. The processing equipment at the facility uses bioremediation to process petroleum contaminated soils and achieve acceptable contaminant levels for reuse. [N.J.A.C. 7:26A- 3.5(e)]
80. Processed material end products, for uses other than as landfill cover material, Department approved Brownfields projects or road construction projects, shall be sampled and analyzed for EPH, total volatile organic compounds (VOC), and all contaminants listed in the SRS. The sampling procedure shall be implemented as follows: Every 100 cubic yards of processed soil shall be sampled and analyzed for the above contaminants in the following manner: a representative sample from every 20 cubic yards of processed soil shall be taken and these five samples shall be composited into one sample and analyzed. Processed soil destined for out of state clients shall follow sampling and analytical requirements as well as action levels established by respective state's regulatory authority. [N.J.A.C. 7:26A- 3.5(e)]
81. Processed material end products to be used in road construction projects shall be sampled every 1,000 cubic yards for EPH and VOC in the following manner: a representative sample from every 100 cubic yards of processed soil shall be taken and the samples shall be composited into one sample and analyzed. Processed soil destined for out of state clients shall follow sampling and analytical requirements as well as action levels established by respective state's regulatory authority. [N.J.A.C. 7:26A- 3.5(e)]
82. Other levels of testing may be allowed on a case-by-case basis as determined by use criteria in accordance with Department guidance and regulations. Applications for case-specific testing requirements must be made to the Bureau of Recycling and Hazardous Waste Management. [N.J.A.C. 7:26A- 3.5(e)]
83. Only approved criteria shall be used to determine the allowable end use of the processed material and the maximum allowable contamination levels for use. [N.J.A.C. 7:26A-3.5(e)]
84. The maximum allowable contamination levels for unrestricted general use are 200 ppm EPH and all individual organic contaminants less than or equal to 50% and inorganic contaminants less than or equal to 75% of the most stringent Direct Contact Soil Remediation Standards (SCC). [N.J.A.C. 7:26A- 3.5(e)]

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85. The analytical requirements of the individual landfills shall be complied with for soils being used as landfill cover material. For soils being used as fill material in Brownfields projects, the requirements (including sampling frequency and analytical parameters) shall be approved by the individual Site Remediation Program case manager or Licensed Site Remediation Professional (LSRP) as appropriate on a case-by-case basis. Processed soil destined for out of state clients shall follow sampling and analytical requirements as well as action levels established by respective state's regulatory authority. [N.J.A.C. 7:26A- 3.5(e)]
  86. Other levels of contamination may be allowed on a case-by-case basis as determined by use criteria and levels of contamination in accordance with Department guidance and regulations. Certificates of Authority to operate beneficial use projects pursuant to N.J.A.C. 7:26-1.7(g) must be obtained before any use of the processed material end products. [N.J.A.C. 7:26A-3.5(e)]
  87. Any processed material end products that do not meet the above criteria must be reintroduced to the treatment process for further treatment. After treatment, the processed material end products must be reanalyzed in accordance with the above criteria. [N.J.A.C. 7:26A-3.5(e)]
  88. All analysis records must be kept for a minimum of three years and made available for inspection by state and local officials upon request. [N.J.A.C. 7:26A-3.5(e)]
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**Subject Item: RCBG139339 - Street Sweepings Sampling**

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89. Every 400 cubic yards of street sweepings from each site shall be sampled and analyzed for EPH or TPH in the following manner: a representative sample from every 100 cubic yards shall be taken and these four samples shall be composited into one sample and analyzed. When the volume is greater than 100 and less than 400 cubic yards, a representative sample of every 100 cubic yards, or a fraction thereof, shall be taken and these samples shall be composited into one sample and analyzed. [N.J.A.C. 7:26A- 3]
  90. The sampling results shall be used to determine the maximum contaminant feed rate or maximum contaminant concentration for the processing equipment in accordance with the Air Quality Permit and shall also demonstrate that the material is non-hazardous for the above contaminants in accordance with N.J.A.C. 7:26G-5. [N.J.A.C. 7:26A-3]
  91. Unprocessed street sweepings shall be sampled either at the point of generation or at the recycling center. Street sweepings from different generation sites shall be segregated at the facility until the sampling results are received. [N.J.A.C. 7:26A- 3]
  92. Every 800 cubic yards of street sweepings shall be sampled and analyzed for total volatile organic compounds (VOC), in the following manner: a representative sample from every 100 cubic yards shall be taken and these samples shall be composited into one sample and analyzed. When the volume is less than 800 cubic yards, a representative sample of every 100 cubic yards, or fraction thereof, shall be taken and these samples shall be composited into one sample and analyzed. [N.J.A.C. 7:26A-3]
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**Subject Item: RCBG882032 - Final Phase Crushing Operations**

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93. The recycling center may receive no more than a combined total of 4,700 tons per day of source-separated asphalt, concrete, brick, block, rock, and stone, and/or petroleum contaminated soil and street sweepings. [N.J.A.C. 7:26A- 3.5(e)]

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**Subject Item: RCBG882032 - Final Phase Crushing Operations**

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94. Hours of operation for the receipt, processing and transferring source separated recyclable material can occur 24 hours per day, 7 days per week; the operation of the crusher shall be limited to: 7:00 a.m. to 7:00 p.m., Monday through Friday and Saturday from 7:00 a.m. to 4:00 p.m. [N.J.A.C. 7:26A- 3.5(e)]

95. The following equipment or equivalent is authorized for site operations:

Terex Finlay J1175 Crusher  
Sandvik QH331 Cone Crusher  
Sandvik QA331 Screener  
Sandvik QE440 Screener (2 units)  
Sandvik QE441 Screener  
Extect Robotrac Screener (2 units)  
Edge Modular Picking Station  
Edge Stacking Conveyor (2 units)

At a minimum, one (1) crusher, three (3) screeners and two (2) stacking conveyors shall be maintained in operable condition to ensure adequate Class B material processing equipment or for equipment down time.

The holder of this Approval must notify the Bureau in writing of any replaced equipment along with the manufacturer specifications for the replacement equipment within two weeks of such replacement. Where applicable, the holder of the Approval must also submit any air permit(s) or air permit application(s) required for the replacement equipment. The above required information may be submitted electronically to [recyclingfacilities@dep.nj.gov](mailto:recyclingfacilities@dep.nj.gov). [N.J.A.C. 7:26A- 3.5(e)3]

96. The recycling center is authorized to store unprocessed and processed materials (asphalt, concrete, brick, block, rock, and stone) in the designated storage areas, as shown on the approved site plan. The maximum authorized capacity and height for each area is as follows:

Area A: Unprocessed Materials - 12,956 cubic yards; 20 feet  
Area B: Unprocessed Materials - 19,697 cubic yards; 20 feet  
Area C: Unprocessed Materials - 43,557 cubic yards; 30 feet  
Area E: Unprocessed Materials - 6,401 cubic yards; 30 feet  
Area D: Processed Materials - 53,807 cubic yards; 15 feet

If at any time, the total amount of unprocessed and processed materials stored onsite reaches the maximum authorized capacities shown on the approved site plan, the recycling center shall immediately cease receiving additional unprocessed material until the amount of unprocessed and processed material stored onsite falls below the total authorized storage capacity of 136,418 cubic yards. Under such circumstances, arrangements shall be made to transfer processed material offsite. While tranfering processed material offsite, any processed material stored in an unprocessed material storage area (Per Condition 97 below) shall be transferred first. [N.J.A.C. 7:26A- 3.5(e)]

**CLEAN EARTH OF CARTERET LLC**  
132310 CBG210002 Class B Recycling Ctr General Apprv -Renewal  
Requirements Report

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**Subject Item: RCBG882032 - Final Phase Crushing Operations**

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97. Processed material may be stored in an unprocessed material storage area as needed, subject to availability of additional capacity in that area and provided that processed and unprocessed materials are separated by either a physical barrier or by maintaining at least eight (8) feet of aisle space between the piles. Under no circumstances shall the combined volume of processed and unprocessed materials exceed that area's maximum storage capacity. [N.J.A.C. 7:26A- 3.5(e)]
98. Horizontal and vertical control points for the unprocessed and processed materials stockpile areas shall be set and maintained on-site. Permanent horizontal limitation markers with bin blocks, jersey barriers, or equivalent as approved by the Department shall be set at the corners of the operational areas, as depicted on the approved site plan. Vertical limitation markers with metal pipes, metal rods, or equivalent as approved by the Department shall be set at locations in close proximity of the stockpile areas and shall clearly establish elevation height above the existing grade for material stock piles. [N.J.A.C. 7:26A- 3.5(e)]

# Material Solution Services

21 East 10<sup>th</sup> St. Northampton, PA 18067  
p(610)440-2301

January 17, 2023

Ronald Schreiber  
All Suffolk Materials  
910 Middle County Road  
Selden, NY 11784

**Re: MSS22684 VIP Fill Approval 1.17.23 Delineation**

4778 Broadway  
New York, NY

VIP Site-Specific Fill Approval Volume: **10,000 CY / 15,000 tons**

Dear Mr. Schreiber,

Material Solution Services, Inc. (MSS) is the exclusive brokerage firm for the Capital Quarry Reclamation Project facility that is accepting Valley Industrial Properties site-specific fill. As requested, MSS has reviewed the information provided by **All Suffolk Materials** and is pleased to provide you with this acceptance letter for the soil material being generated from the project site referenced above into our Capital Quarry facility located at 1 Capital Boulevard in East Bangor, PA.

The information made available for this review includes the following document(s):

1. 2021-04-09.21TMP0481M.RAPRAWP.HCS Engineering AEI Consultants - Final R...
2. 4778 Broadway - Analytical Testing Results
3. Application.BCP.C231131.2017-04-24.Limited Phase II Subsurface Investigation Report
4. Application.BCP.C231131.2017-10-10.Remedial Investigation Report
5. Report.BCP.C231131.2021-12-04.Final Certified RIR
6. 4778 Broadway Delineation Plan
7. L2271967\_pdf

Based on review of the above document(s), the material represented by the samples listed in *Table 1* appear to meet the facility's acceptance criteria and, are at this time, approved into our Capital Quarry facility as **VIP Site-Specific Fill** (VIP Fill). Please refer to *Table 1* that indicate the volume and CATEGORY of VIP fill that each sample area may be accepted. No other samples are being accepted under this final approval at this time. Currently, there is enough information to approve up to **10,000 CY / 15,000 tons** of VIP fill material from those grids. This approval is contingent upon the required sampling documentation and facility forms.

**Table 1.** Samples Approved as VIP Fill **CATEGORY D** (10,000 CY / 15,000 tons)

WC-S-01 C	WC-S-03 C	WC-S-04 C	WC-S-05 C	WC-S-06 C
WC-S-01 G	WC-S-03 G	WC-S-04 G	WC-S-05 G	WC-S-06 G
WC-D-01 C	WC-D-03 C	WC-D-04 C	WC-D-05 C	WC-D-06 C
WC-D-01 G	WC-D-03 G	WC-D-04 G	WC-D-05 G	WC-D-06 G

The document(s) reviewed indicate that the above referenced material meet the facility's Site-Specific Fill Protocol and are in full compliance with Pennsylvania Department of Environmental Protection Rules and Regulations and associated project requirements. All of the analytical results and reports mentioned above were

# Material Solution Services

21 East 10<sup>th</sup> St. Northampton, PA 18067

p(610)440-2301

reviewed and compared to the facility's acceptance criteria as dictated by NPDES Permit No. PAD480125. We will accept all material that meets the conditions of this permit.

Per the facility's permit, material must not contain any strong odors, organic vapors or any free liquid. The material must not contain wood, metal or trash/garbage as will be addressed in our agreement. Any material received that does not meet the acceptance criteria and specifications will be rejected/reloaded and returned to the site of origin. All associated transportation fees and facility handling cost that may be accrued due to non-acceptance of material will be your responsibility.

**Table 3.** VIP site-specific fill material physical acceptance criteria

Types of Acceptable Material	Photo-ionization Detector Limit (mg/kg)	Size Limitation	Moisture Content	Slag/Ash/Cinder Limitation	Unacceptable Materials	Special Conditions
soil, rock, stone incidental asphalt and/or unpainted brick, block, concrete	Any concentration exceeding background levels at the facility	None	No Free-Liquids	De Minimis	MSW, Deleterious Material, Industrial or Hazardous Waste, painted materials or materials with rebar protruding greater than 2 inches	Volumes of asphalt may not comprise more than 25% of any single truck load

Please be aware that all project documentation and information provided for this approval process is subject to review by the Pennsylvania Department of Environmental Protection (PA DEP). Final acceptance of any material at our facility is contingent upon discretion of MSS and PA DEP.

Should you have any questions regarding this final approval, please call me at the above phone number.

Sincerely,

Brian Hilliard

# Material Solution Services

21 East 10<sup>th</sup> St. Northampton, PA 18067

p(610)440-2301

Director of Compliance



**LEGEND**

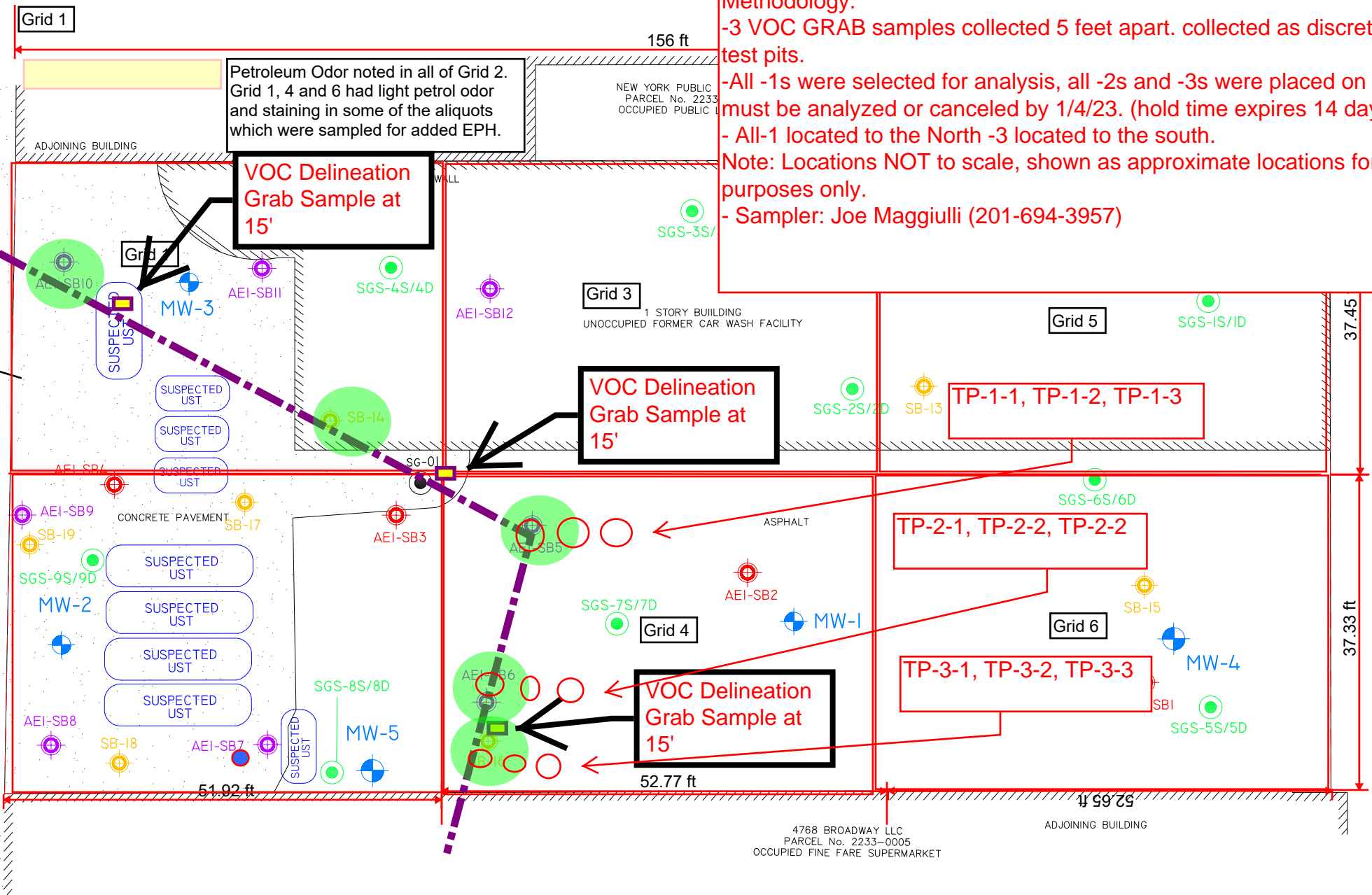
- RI Soil Boring (February 2020)
- RI Soil Vapor Probe (February 2020)
- RI Monitoring Well (February 2020)
- Soil Boring/Temporary Well Point (March 2017)
- Soil Gas/Soil Vapor Point (March 2017)
- Soil Boring/Temporary Well Point (July 2017)
- Existing Groundwater Monitoring Well
- Site Boundary

- Boring Location, Aliquot of 4 Point Composites A-D.
- Aliquot designation
- Location of VOC Discrete Grab 5035 Encore Kit also doubles as an aliquot location for the composite sample
- Location of added EPH



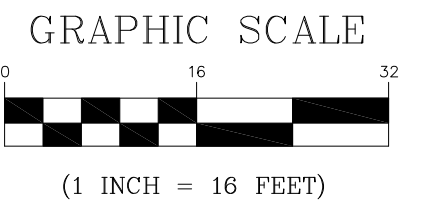
**Methodology:**  
 -3 VOC GRAB samples collected 5 feet apart. collected as discrete grab samples via test pits.  
 -All -1s were selected for analysis, all -2s and -3s were placed on hold. All hold samples must be analyzed or canceled by 1/4/23. (hold time expires 14 days from collection.)  
 - All-1 located to the North -3 located to the south.  
 Note: Locations NOT to scale, shown as approximate locations for representation purposes only.  
 - Sampler: Joe Maggiulli (201-694-3957)

**Delineation Line -**  
 Area to left of line is not proposed to VIP.  
 Using samples:  
 AEI-SB10  
 SB-14  
 AEI-SB5  
 AEI-SB6  
 SB-16



**Rough Calculations:**  
 Site is 157' Long x 75' wide 11,775 square feet. Cut is estimated to 15' (grade 25' to bottom). Estimated 6,542 cubic yards and 9,000 tons. Grids are roughly 600 cubic yards.

**Notes:** 12/16/2020 samples noted petroleum odor in shallow and deep Grid 2 and deep Grid 1 C and D, 4C and 6C.



DRAWN BY: BW	REVIEWED BY: AC
APPROVED BY: AC	Date: 4/13/2020

SAMPLE LOCATION MAP

4778 Broadway,  
 New York, New York 10034

AEI Project #384736  
 BCP #C231131

**FIGURE**  
**3**

## **Appendix H**

### **Manifest and Bills of Lading**



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000126005

Date: 11/2/2022

Time: 12:44:53 - 12:45:06

Gross: 55440 LB In Scale 1  
Tare: 26720 LB P.T.  
Net: 28720 LB

Truck: JEN68

License: AX724C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:98363

Materials & Services

Quantity Unit

VIP D Per Ton

14.36 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>98363</b>
Generators Name and Mailing Address <b>M\$778 Broadway LLC 15 Verbona Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>		
Generators Phone: <b>0</b>		<b>AX 72AC 68</b>		
Transporter 1 Company Name <b>0</b>				
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a <b>VIP Site Specific Fill</b>		1	trk	
b Facility designated material designations: <b>Capital Development</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<b>Coplay Quarry</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
<b>Concrete</b>				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: <b>0</b>				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Slawa Miliyk</b>		Signature <i>[Signature]</i>	Date <b>11/2/22</b>	
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <b>JULIO ELLERIN</b>		Signature <i>[Signature]</i>	Date <b>11/2/22</b>	
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature	Date	
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature	Date <b>11/2/22</b>	

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000126566  
Date: 11/7/2022  
Time: 09:15:08 - 09:15:22

Gross: 75460 LB In Scale 1  
Tare: 26500 LB P.T.  
Net: 48960 LB

Truck: AMD1  
Customer: ALL SUFFOLK MATERIALS CAP/All S  
Job: MSS22684 4778 Broadway  
Generator: MSS22684 4778 Broadway  
4778 Broadway  
New York NY

License: AX553H

Comment:

Manifest:97364

Materials & Services

Quantity Unit

VIP D Per Ton

24.48 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
Northampton, PA 18067  
610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: <b>97364</b>		
Generators Name and Mailing Address MS778 Broadway LLC 15 Verbania Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034 0 0				
Generators Phone:						
Transporter 1 Company Name		US EPA ID Number	Transporter's Phone			
Transporter 2 Company Name		US EPA ID Number	Transporter's Phone			
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011			
Shipping Name & Description of Materials			Containers		Total	Units
			No.	Type	Quantity	Wt/Vol
a VIP Site Specific Fill			1	trk		
b						
Facility designated material designations:						
<u>Capital Development</u>						
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)	E (red)	
<u>Coplay Quarry</u>						
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)	E (red)	
Additional Description for Materials Listed Above:						
Site Specific Fill						
Special Handling Instructions & Additional Information:						
0 <b>AMD H1 AX 553 H</b>						
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous						
Print/Type Name		Signature		Date		
Slava Milink				11/7/22		
Transporter 1 Acknowledgement of Receipt of Materials						
Print/Type Name		Signature		Date		
OSCAR				11/7/22		
Transporter 2 Acknowledgement of Receipt of Materials						
Print/Type Name		Signature		Date		
Discrepancy Indication Space:						
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.						
Print/Type Name		Signature		Date		
				11/7/22		

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000126634

Date: 11/7/2022

Time: 13:15:52 - 13:16:06

Gross: 74080 LB In Scale 1  
Tare: 26500 LB P.T.  
Net: 47580 LB

Truck: AMD1

License: AX553H

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:97365

Materials & Services

Quantity Unit

VIP D Per Ton

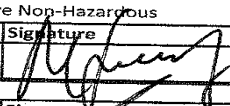


23.79 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>97365</b>
Generators Name and Mailing Address <b>MS778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>		
Generators Phone: <b>0</b>				
Transporter 1 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials		Containers		Total
		No.	Type	Quantity
a <b>VIP Site Specific Fill</b>		1	trk	
b				
Facility designated material designations:				
<u>Capital Development</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	<span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)
<u>Coplay Quarry</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue) E (red)
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: <b>0</b> <span style="font-size: 2em; margin-left: 50px;">AMD #</span> <span style="font-size: 2em; margin-left: 50px;">AX553 H</span>				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Slava Miliuk SSM</b>		Signature 		Date <b>11/17/22</b>
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <b>BSCAR</b>		Signature 		Date <b>11/17/22</b>
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature 		Date <b>11/17/22</b>

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000126906

Date: 11/9/2022

Time: 08:51:50 - 08:52:03

Gross: 94960 LB In Scale 1  
Tare: 26200 LB P.T.  
Net: 68760 LB

Truck: JEN71

License: AX781C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:97366

Materials & Services

Quantity Unit

VIP D Per Ton

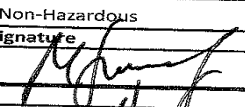
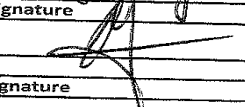
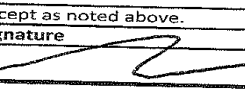
34.38 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>97366</b>
Generators Name and Mailing Address <b>M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>		
Generators Phone: <b>0</b>				
Transporter 1 Company Name <b>0 JENCA R # 71</b>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name <b>0 AX781K</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials			Containers No.	Total Quantity
a <b>VIP Site Specific Fill</b>			1	trk
b				
Facility designated material designations: <b>Capital Development</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<b>Coplay Quarry</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: <b>0</b>				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Slava Milink SSM</b>		Signature 	Date <b>W9/22</b>	
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <b>OSUANDO-AGUIERO</b>		Signature 	Date <b>11/9/22</b>	
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature	Date	
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature 	Date <b>11/9/22</b>	

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000126911  
Date: 11/9/2022  
Time: 09:04:18 - 09:04:32

Gross: 95600 LB In Scale 1  
Tare: 26720 LB P.T.  
Net: 68880 LB

Truck: JEN68  
Customer: ALL SUFFOLK MATERIALS CAP/All S  
Job: MSS22684 4778 Broadway  
Generator: MSS22684 4778 Broadway  
4778 Broadway  
New York NY

License: AX724C

Comment:

Manifest:97367

Materials & Services

Quantity Unit

---

VIP D Per Ton 34.44 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>97367</b>
Generators Name and Mailing Address <b>M5778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>		
Generators Phone: <b>0</b>				
Transporter 1 Company Name <b>0 JENCAR</b>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a <b>VIP Site Specific Fill</b>		1	trk	
b				
Facility designated material designations: <u>Capital Development</u>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<u>Coplay Quarry</u>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
<u>Site Specific Fill</u>				
Special Handling Instructions & Additional Information: <b>0</b>				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>JULIO FENEVERDY</b>		Signature <i>JAN</i>		Date <b>11/9/22</b>
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <b>Slawa Mikulec SSN</b>		Signature <i>[Signature]</i>		Date <b>11/9/22</b>
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date <b>11/9/22</b>

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000126914  
Date: 11/9/2022  
Time: 09:10:59 - 09:11:35

Gross: 94340 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 69140 LB

Truck: JEN60  
Customer: ALL SUFFOLK MATERIALS CAP/All S  
Job: MSS22684 4778 Broadway  
Generator: MSS22684 4778 Broadway  
4778 Broadway  
New York NY

License: AX913D

Comment:

Manifest:97368

Materials & Services

Quantity Unit

---

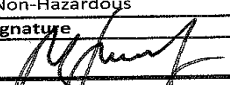
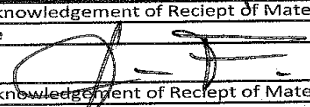

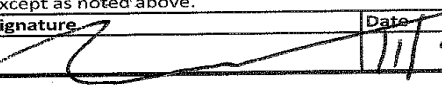
VIP D Per Ton 34.57 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

<b>NON-HAZARDOUS MANIFEST</b>	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>97368</b>	
Generators Name and Mailing Address <b>M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>			
Generators Phone: <b>0</b>					
Transporter 1 Company Name <b>0 Agency Trucking #60 AX913D</b>		US EPA ID Number	Transporter's Phone		
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone		
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>		
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol	
		a <b>VIP Site Specific Fill</b>			
Facility designated material designations:					
<b>Capital Development</b>					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	<span style="border: 1px solid black; padding: 2px;">D (blue)</span>	E (red)
<b>Coplay Quarry</b>					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)	E (red)
Additional Description for Materials Listed Above:					
Site Specific Fill					
Special Handling Instructions & Additional Information:					
0					
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous					
Print/Type Name <b>Slava Milink SSM</b>		Signature 	Date <b>11/11/22</b>		
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name 		Signature 	Date <b>11/09/22</b>		
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature	Date		
Discrepancy Indication Space:					
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.					
Print/Type Name		Signature 	Date <b>11/9/22</b>		

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000126917  
Date: 11/9/2022  
Time: 09:18:49 - 09:19:03

Gross: 92260 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 67060 LB

Truck: JEN64  
Customer: ALL SUFFOLK MATERIALS CAP/All S  
Job: MSS22684 4778 Broadway  
Generator: MSS22684 4778 Broadway  
4778 Broadway  
New York NY

License: AS416T

Comment:

Manifest:97369

Materials & Services

Quantity Unit

VIP D Per Ton

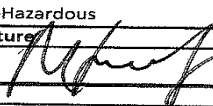
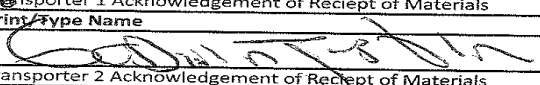
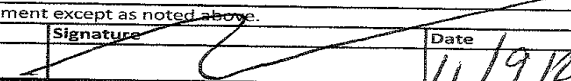
33.53 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>97369</b>
Generators Name and Mailing Address <b>M5778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>		
Generators Phone: <b>0</b>				
Transporter 1 Company Name <b>0 JENCO TRUCKING #64</b>		US EPA ID Number <b>AS416T</b>	Transporter's Phone	
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials			Containers	Total
			No.	Quantity
			Type	Units
			Wt/Vol	
a <b>VIP Site Specific Fill</b>			1	trk
b				
Facility designated material designations: <u>Capital Development</u>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<u>Coplay Quarry</u>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: <b>0</b>				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Slawa Miliak SSM</b>		Signature 		Date <b>11/9/22</b>
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name 		Signature		Date
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature 		Date <b>11/9/22</b>

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000126922

Date: 11/9/2022

Time: 09:29:09 - 09:29:33

Gross: 96100 LB In Scale 1  
Tare: 26700 LB P.T.  
Net: 69400 LB

Truck: JEN63

License: AS702T

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:97370

Materials & Services

Quantity Unit

VIP D Per Ton

34.70 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>97370</b>
Generators Name and Mailing Address <b>M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>		
Generators Phone: <b>0</b>				
Transporter 1 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials			Containers No.	Total Quantity
a <b>VIP Site Specific Fill</b>			1	trk
b				
Facility designated material designations:				
<b>Capital Development</b>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	<b>D (blue)</b>
<b>Coplay Quarry</b>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
Additional Description for Materials Listed Above:				
<b>Site Specific Fill</b>				
Special Handling Instructions & Additional Information:				
<b>0</b>				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Shura Mikluk SSM</b>		Signature <i>[Signature]</i>		Date <b>11/9/22</b>
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <b>William C</b>		Signature <i>[Signature]</i>		Date <b>11/9/22</b>
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date <b>11/9/22</b>

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000126928

Date: 11/9/2022

Time: 09:45:10 - 09:45:23

Gross: 91640 LB In Scale 1  
Tare: 26500 LB P.T.  
Net: 65140 LB

Truck: JEN62

License: AX780C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:97371

Materials & Services

Quantity Unit

VIP D Per Ton

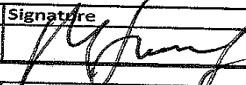


32.57 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>97371</b>
Generators Name and Mailing Address <b>M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>		
Generators Phone: <b>0</b>				
Transporter 1 Company Name <b>0 INCAR #62 15780C</b>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a <b>VIP Site Specific Fill</b>				
b		<b>1</b>	<b>trk</b>	
Facility designated material designations: <b>Capital Development</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<b>Coplay Quarry</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above: <b>Site Specific Fill</b>				
Special Handling Instructions & Additional Information: <b>0</b>				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Slava Miluk SSM</b>		Signature 		Date <b>11/9/22</b>
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <b>Guillermo B.</b>		Signature 		Date <b>11-9-22</b>
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature 		Date <b>11/9/22</b>

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000126932  
Date: 11/9/2022  
Time: 09:57:16 - 09:57:33

Gross: 97620 LB In Scale 1  
Tare: 29500 LB P.T.  
Net: 68120 LB

Truck: JGM3261  
Customer: ALL SUFFOLK MATERIALS CAP/All S  
Job: MSS22684 4778 Broadway  
Generator: MSS22684 4778 Broadway  
4778 Broadway  
New York NY

License: AT261J

Comment:

Manifest:97372

Materials & Services

Quantity Unit

---

VIP D Per Ton 34.06 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>97372</b>		
Generators Name and Mailing Address <b>M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034</b>				
Generators Phone: <b>0</b>		US EPA ID Number <b>0</b>				
Transporter 1 Company Name <b>0 JGM LLC</b>		US EPA ID Number		Transporter's Phone		
Transporter 2 Company Name <b>0</b>		US EPA ID Number		Transporter's Phone		
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number		Facility's Phone <b>610-452-1011</b>		
Shipping Name & Description of Materials				Containers No. Type Total Quantity Units Wt/Vol		
a	<b>VIP Site Specific Fill</b>			1 trk		
b	Facility designated material designations: <b>Capital Development</b>					
	Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)	E (red)
	<b>Coplay Quarry</b>					
	Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)	E (red)
Additional Description for Materials Listed Above:						
Site Specific Fill						
Special Handling Instructions & Additional Information: <b>0</b>						
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous						
Print/Type Name <b>Sara Milwale SSM</b>		Signature <i>[Signature]</i>		Date <b>11/9/22</b>		
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name		Signature <i>[Signature]</i>		Date <b>11/9/22</b>		
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature		Date		
Discrepancy Indication Space:						
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.						
Print/Type Name		Signature		Date <b>11/9/22</b>		

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000126935

Date: 11/9/2022

Time: 10:04:50 - 10:05:12

Gross: 91620 LB In Scale 1  
Tare: 24200 LB P.T.  
Net: 67420 LB

Truck: JGM3263

License: AU662B

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:97373

Materials & Services

Quantity Unit

VIP D Per Ton

33.71 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>97373</b>	
Generators Name and Mailing Address <b>M5778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>			
Generators Phone: <b>0</b>					
Transporter 1 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone		
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone		
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>		
Shipping Name & Description of Materials		Containers		Units	
		No.	Type	Quantity	Wt/Vol
a <b>VIP Site Specific Fill</b>		1	trk		
b					
Facility designated material designations:					
<u>Capital Development</u>					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	<span style="border: 1px solid black; padding: 2px;">D (blue)</span>	E (red)
<u>Coplay Quarry</u>					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)	E (red)
Additional Description for Materials Listed Above:					
Site Specific Fill					
Special Handling Instructions & Additional Information: <b>0</b>					
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous					
Print/Type Name <b>Slava Miljuk SSM</b>		Signature <i>[Signature]</i>		Date <b>11/9/22</b>	
Transporter 1 Acknowledgement of Receipt of Materials					
Print/Type Name		Signature <i>[Signature]</i>		Date <b>11/9/22</b>	
Transporter 2 Acknowledgement of Receipt of Materials					
Print/Type Name		Signature		Date	
Discrepancy Indication Space:					
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.					
Print/Type Name		Signature <i>[Signature]</i>		Date <b>11/9/22</b>	

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000126940

Date: 11/9/2022

Time: 10:22:21 - 10:22:36

Gross: 92720 LB In Scale 1  
Tare: 26720 LB P.T.  
Net: 66000 LB

Truck: JEN66

License: AX723C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:97374

Materials & Services

Quantity Unit

VIP D Per Ton

33.00 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>97374</b>
Generators Name and Mailing Address <b>M5778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>		
Generators Phone: <b>0</b>				
Transporter 1 Company Name <b>JENAR TRUCKING</b>		US EPA ID Number <b>ATJ23C</b>	Transporter's Phone	
Transporter 2 Company Name <b>#66</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials		Containers		Total
		No.	Type	Quantity
a <b>VIP Site Specific Fill</b>		<b>1</b>	<b>trk</b>	
b				
Facility designated material designations:				
<u>Capital Development</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
<u>Coplay Quarry</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
Additional Description for Materials Listed Above:				
<u>Site Specific Fill</u>				
Special Handling Instructions & Additional Information: <b>0</b>				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Slava Milinko GSM</b>		Signature <i>[Signature]</i>		Date <b>11/9/22</b>
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <b>MINTOY SUAREZ</b>		Signature <i>[Signature]</i>		Date <b>11-09-2022</b>
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date <b>11/9/22</b>

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000126941

Date: 11/9/2022

Time: 10:23:57 - 10:24:09

Gross: 91300 LB In Scale 1  
Tare: 26400 LB P.T.  
Net: 64900 LB

Truck: JEN73

License: AX914D

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:97375

Materials & Services

Quantity Unit

VIP D Per Ton

32.45 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>97375</b>
Generators Name and Mailing Address <b>M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>		
Generators Phone: <b>0</b>				
Transporter 1 Company Name <b>0</b> <i>Senear Trucking #73</i>		US EPA ID Number <b>AX914D</b>	Transporter's Phone	
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a <b>VIP Site Specific Fill</b>		1	trk	
b				
Facility designated material designations: <b>Capital Development</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<b>Coplay Quarry</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above: <b>Site Specific Fill</b>				
Special Handling Instructions & Additional Information: <b>0</b>				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Slava Mihuk SSM</b>		Signature <i>[Signature]</i>	Date <b>11/9/22</b>	
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <b>Leo Sepulveda</b>		Signature <i>[Signature]</i>	Date <b>11-9-22</b>	
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature	Date	
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>	Date <b>11/9/22</b>	

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000126995

Date: 11/9/2022

Time: 13:32:09 - 13:32:40

Gross: 92220 LB In Scale 1  
Tare: 24200 LB P.T.  
Net: 68020 LB

Truck: JGM3263

License: AU662B

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:97377

Materials & Services

Quantity Unit

VIP D Per Ton

34.01 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

### MATERIAL SOLUTION SERVICES, INC.

21 East 10th Street  
Northampton, PA 18067  
610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>97377</b>
Generators Name and Mailing Address <b>M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034</b>		
Generators Phone: <b>0</b>		US EPA ID Number <b>0</b>		
Transporter 1 Company Name <b>0 Sam LLC</b>		Transporter's Phone		
Transporter 2 Company Name <b>0</b>		US EPA ID Number		
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		Facility's Phone <b>610-452-1011</b>		
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a <b>VIP Site Specific Fill</b>		1	trk	
b Facility designated material designations: <b>Capital Development</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
Coplay Quarry				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information:				
c				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Slava Mitink</b>		Signature <i>[Signature]</i>		Date <b>11/9/22</b>
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <b>Jairo C</b>		Signature <i>[Signature]</i>		Date <b>11/9/22</b>
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date <b>11/9/22</b>

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000126999

Date: 11/9/2022

Time: 13:39:03 - 13:39:20

Gross: 89340 LB In Scale 1  
Tare: 29500 LB P.T.  
Net: 59840 LB

Truck: JGM3261

License: AT261J

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:97376

Materials & Services

Quantity Unit

VIP D Per Ton

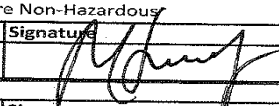


29.92 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>97376</b>		
Generators Name and Mailing Address <b>MS778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034</b>				
Generators Phone: <b>0</b>		US EPA ID Number <b>0</b>				
Transporter 1 Company Name <b>SEM LLC</b>		US EPA ID Number		Transporter's Phone		
Transporter 2 Company Name <b>0</b>		US EPA ID Number		Transporter's Phone		
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number		Facility's Phone <b>610-452-1011</b>		
Shipping Name & Description of Materials <b>a VIP Site Specific Fill</b>				Containers	Total	Units
				No.	Type	Quantity
b				<b>1</b>	<b>tk</b>	
Facility designated material designations: <b>Capital Development</b>						
Clean Fill(green)		A (white)	B (Black)	C (yellow)	D (blue)	E (red)
<b>Coplay Quarry</b>						
Clean Fill(green)		A (white)	B (Black)	C (yellow)	D (blue)	E (red)
Additional Description for Materials Listed Above: <b>Site Specific Fill</b>						
Special Handling Instructions & Additional Information: <b>0</b>						
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous						
Print/Type Name <b>Slava Milink SSM</b>		Signature 		Date <b>11/9/22</b>		
Transporter 1 Acknowledgement of Receipt of Materials						
Print/Type Name <b>Andrew R</b>		Signature 		Date <b>11/9/22</b>		
Transporter 2 Acknowledgement of Receipt of Materials						
Print/Type Name		Signature		Date		
Discrepancy Indication Space:						
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.						
Print/Type Name		Signature 		Date <b>11/9/22</b>		

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000127014

Date: 11/9/2022

Time: 14:19:30 - 14:19:45

Gross: 98760 LB In Scale 1  
Tare: 26720 LB P.T.  
Net: 72040 LB

Truck: JEN68

License: AX724C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:97378

Materials & Services

Quantity Unit

VIP D Per Ton

36.02 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

<b>NON-HAZARDOUS MANIFEST</b>	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>97378</b>
Generators Name and Mailing Address <b>M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>		
Generators Phone: <b>0</b>				
Transporter 1 Company Name <b>0 JENCAN</b>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials <b>a VIP Site Specific Fill</b>		Containers No.	Total Quantity	Units Wt/Vol
		<b>1</b>	<b>trk</b>	
Facility designated material designations: <b>Capital Development</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<b>Coplay Quarry</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: <b>0</b>				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Slawa Mitnik SSM</b>		Signature <i>[Signature]</i>		Date <b>11/9/22</b>
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <b>JULIE ECHENORY</b>		Signature <b>JAN</b>		Date <b>11/9/22</b>
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature		Date <b>11/9/22</b>

GENERATOR

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000127015

Date: 11/9/2022

Time: 14:21:24 - 14:21:41

Gross: 90800 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 65600 LB

Truck: JEN64

License: AS416T

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:97379

Materials & Services

Quantity Unit

VIP D Per Ton

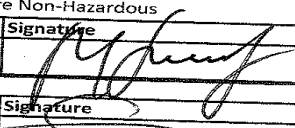
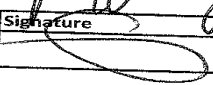

32.80 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

<b>NON-HAZARDOUS MANIFEST</b>	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>97379</b>
Generators Name and Mailing Address <b>M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>		
Generators Phone: <b>0</b>				
Transporter 1 Company Name <b>0 Jencor Trucking #64</b>		US EPA ID Number <b>AS416T</b>	Transporter's Phone	
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a	<b>VIP Site Specific Fill</b>			
b		1	trk	
Facility designated material designations: <b>Capital Development</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<b>Coplay Quarry</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: <b>0</b>				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Slava Miline SSM</b>		Signature 	Date <b>11/9/22</b>	
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <b>Edwin Justin</b>		Signature 	Date	
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature	Date	
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature 	Date <b>11/9/22</b>	

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000127022

Date: 11/9/2022

Time: 14:39:08 - 14:39:45

Gross: 93000 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 67800 LB

Truck: JEN60

License: AX913D

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:97380

Materials & Services

Quantity Unit

VIP D Per Ton

33.90 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

### MATERIAL SOLUTION SERVICES, INC.

21 East 10th Street  
Northampton, PA 18067  
610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>97380</b>	
Generators Name and Mailing Address <b>M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>			
Generators Phone: <b>0</b>					
Transporter 1 Company Name <b>0 <i>Janer Trucking #60 AX9131</i></b>		US EPA ID Number	Transporter's Phone		
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone		
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>		
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vo	
a <b>VIP Site Specific Fill</b>		1	trk		
b					
Facility designated material designations:					
<b>Capital Development</b>					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)	E (red)
<b>Coplay Quarry</b>					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)	E (red)
Additional Description for Materials Listed Above:					
Site Specific Fill					
Special Handling Instructions & Additional Information:					
0					
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous					
Print/Type Name <b>Slava Mitic SSM</b>		Signature <i>[Signature]</i>	Date <b>11/9/22</b>		
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <i>[Signature]</i>		Signature <i>[Signature]</i>	Date <b>11/6/22</b>		
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature	Date		
Discrepancy Indication Space:					
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above. Print/Type Name		Signature <i>[Signature]</i>	Date <b>11/9/22</b>		

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000127027

Date: 11/9/2022

Time: 14:49:08 - 14:49:26

Gross: 92000 LB In Scale 1  
Tare: 26700 LB P.T.  
Net: 65300 LB

Truck: JEN63

License: AS702T

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:97399

Materials & Services

Quantity Unit

VIP D Per Ton

32.65 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>97399</b>
Generators Name and Mailing Address		Site Address		
M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		4778 Broadway New York, NY 10034 0 0		
Generators Phone: 0				
Transporter 1 Company Name		US EPA ID Number	Transporter's Phone	
0 <i>Jencar #63 A57022</i>				
Transporter 2 Company Name		US EPA ID Number	Transporter's Phone	
0				
Designated Facility Name & Site Address		US EPA ID Number	Facility's Phone	
VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013			610-452-1011	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
		Type		
a <u>VIP Site Specific Fill</u>		1	trk	
b				
Facility designated material designations:				
<u>Capital Development</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	<span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)
<u>Coplay Quarry</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue) E (red)
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information:				
0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name		Signature	Date	
<i>Slawa Miliak SSM</i>		<i>[Signature]</i>	11/9/22	
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature	Date	
<i>[Signature]</i>		<i>[Signature]</i>	11/9/22	
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature	Date	
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature	Date	
		<i>[Signature]</i>	11/9/22	

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000127028

Date: 11/9/2022

Time: 14:50:56 - 14:51:09

Gross: 93100 LB In Scale 1  
Tare: 26200 LB P.T.  
Net: 66900 LB

Truck: JEN71

License: AX781C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:97398

Materials & Services

Quantity Unit

VIP D Per Ton

33.45 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>97398</b>
Generators Name and Mailing Address <b>M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>		
Generators Phone: <b>0</b>				
Transporter 1 Company Name <b>0 JEUCAZ #71</b>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name <b>0 AX781C</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials			Containers No. Type	Total Quantity
a <b>VIP Site Specific Fill</b>			1	trk
b				
Facility designated material designations: <b>Capital Development</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<b>Coplay Quarry</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: <b>0</b>				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Slava Milink SSM</b>		Signature <i>[Signature]</i>		Date <b>11/9/22</b>
Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>[Signature]</i>		Date <b>11/9/22</b>
Print/Type Name <b>OSVALDO AGUIERO</b>		Signature <i>[Signature]</i>		Date <b>11/9/22</b>
Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date <b>11/9/22</b>

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000127032

Date: 11/9/2022

Time: 15:11:54 - 15:12:15

Gross: 90240 LB In Scale 1  
Tare: 26500 LB P.T.  
Net: 63740 LB

Truck: JEN62

License: AX780C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:97397

Materials & Services

Quantity Unit

VIP D Per Ton

31.87 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST		1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 97397
Generators Name and Mailing Address MS778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY Generators Phone: 0			Site Address 4778 Broadway New York, NY 10034 0 0		
Transporter 1 Company Name 0 Jencov H62 AX780C		US EPA ID Number		Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number		Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013			US EPA ID Number		Facility's Phone 610-452-1011
Shipping Name & Description of Materials				Containers No.	Total Quantity
a VIP Site Specific Fill				1	1
b				1	1
Facility designated material designations: Capital Development					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)	E (red)
Coplay Quarry					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)	E (red)
Additional Description for Materials Listed Above: Site Specific Fill					
Special Handling Instructions & Additional Information: 0					
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous					
Print/Type Name Slawa Milute SSM		Signature <i>[Signature]</i>		Date 11/9/22	
Transporter 1 Acknowledgement of Receipt of Materials					
Print/Type Name L. Williams D.		Signature <i>[Signature]</i>		Date 11-9-22	
Transporter 2 Acknowledgement of Receipt of Materials					
Print/Type Name		Signature		Date	
Discrepancy Indication Space:					
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.					
Print/Type Name		Signature <i>[Signature]</i>		Date 11/9/22	

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000127037

Date: 11/9/2022

Time: 15:55:24 - 15:55:39

Gross: 98160 LB In Scale 1  
Tare: 26720 LB P.T.  
Net: 71440 LB

Truck: JEN66

License: AX723C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:97396

Materials & Services

Quantity Unit

VIP D Per Ton

35.72 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>97396</b>
Generators Name and Mailing Address <b>M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>		
Generators Phone: <b>0</b>		Transporter's Phone		
Transporter 1 Company Name <b>JENCO2 TRUCKING</b>		US EPA ID Number <b>PA7230</b>	Transporter's Phone	
Transporter 2 Company Name <b># 66</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials				Containers No. Type Total Quantity Units Wt/Vol
a <b>VIP Site Specific Fill</b>				1 trk
b				
Facility designated material designations: <b>Capital Development</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<b>Coplay Quarry</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: <b>0</b>				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Slava Miliuk</b>		Signature <i>[Signature]</i>	Date <b>11/9/22</b>	
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <b>MIRAN SUMER</b>		Signature <i>[Signature]</i>	Date <b>11.09.2022</b>	
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature	Date	
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>	Date <b>11/9/22</b>	

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000127039

Date: 11/9/2022

Time: 16:14:41 - 16:15:07

Gross: 96180 LB In Scale 1  
Tare: 27500 LB P.T.  
Net: 68680 LB

Truck: JEN69

License: AS450Y

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:97395

Materials & Services

Quantity Unit

VIP D Per Ton

34.34 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>97395</b>
Generators Name and Mailing Address <b>M5778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034</b>		
Generators Phone: <b>0</b>		US EPA ID Number <b>0</b>		
Transporter 1 Company Name <b>Jencar (69)</b>		US EPA ID Number		Transporter's Phone <b>AS450X</b>
Transporter 2 Company Name <b>0</b>		US EPA ID Number		Transporter's Phone
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number		Facility's Phone <b>610-452-1011</b>
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a <b>VIP Site Specific Fill</b>				
b		<b>1</b>	<b>trk</b>	
Facility designated material designations: <b>Capital Development</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (Blue)</span> E (red)				
<b>Coplay Quarry</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information:				
d				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Slava Mihuk</b>		Signature <i>[Signature]</i>		Date <b>11/9/22</b>
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <b>Francisco</b>		Signature <i>[Signature]</i>		Date <b>11.9.22</b>
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above. Print/Type Name		Signature <i>[Signature]</i>		Date <b>11/9/22</b>

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000127041

Date: 11/9/2022

Time: 16:20:56 - 16:21:11

Gross: 94920 LB In Scale 1  
Tare: 26400 LB P.T.  
Net: 68520 LB

Truck: JEN73

License: AX914D

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:97394

Materials & Services

Quantity Unit

VIP D Per Ton

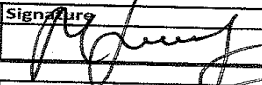

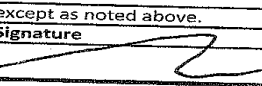
34.26 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

<b>NON-HAZARDOUS MANIFEST</b>	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>97394</b>
Generators Name and Mailing Address <b>M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>		
Generators Phone: <b>0</b>				
Transporter 1 Company Name <b>0 Jencar Trucking #23</b>		US EPA ID Number <b>AX914D</b>	Transporter's Phone	
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a <b>VIP Site Specific Fill</b>		1	trk	
b				
Facility designated material designations: <b>Capital Development</b>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	<span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)
<b>Coplay Quarry</b>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue) E (red)
Additional Description for Materials Listed Above: <b>Site Specific Fill</b>				
Special Handling Instructions & Additional Information: <b>0</b>				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Slawa Milink GSM</b>		Signature 	Date <b>11/9/22</b>	
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name		Signature 	Date <b>11-9-22</b>	
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature	Date	
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature 	Date <b>11/9/22</b>	

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000127055

Date: 11/10/2022

Time: 08:40:32 - 08:40:48

Gross: 95820 LB In Scale 1  
Tare: 26200 LB P.T.  
Net: 69620 LB

Truck: JEN71

License: AX781C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:97393

Materials & Services

Quantity Unit

VIP D Per Ton

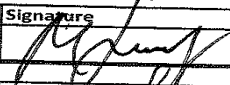
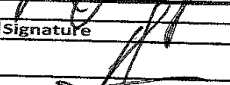
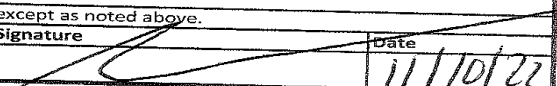
34.81 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>97393</b>	
Generators Name and Mailing Address <b>M5778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>			
Generators Phone: <b>0</b>					
Transporter 1 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone		
<b>TENCAR #71</b>					
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone		
<b>AX781C</b>					
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>		
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol	
a <b>VIP Site Specific Fill</b>		1	trk		
b					
Facility designated material designations: <b>Capital Development</b>					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	<span style="border: 1px solid black; padding: 2px;">D (blue)</span>	E (red)
<b>Coplay Quarry</b>					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)	E (red)
Additional Description for Materials Listed Above: <b>Site Specific Fill</b>					
Special Handling Instructions & Additional Information: <b>0</b>					
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous					
Print/Type Name <b>Slava Milink SSM</b>		Signature 	Date <b>11/10/22</b>		
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <b>OSVALDO AGÜERO</b>		Signature 	Date <b>11/10/22</b>		
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature	Date		
Discrepancy Indication Space:					
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.					
Print/Type Name		Signature 	Date <b>11/10/22</b>		

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000127056

Date: 11/10/2022

Time: 09:00:32 - 09:00:51

Gross: 96860 LB In Scale 1  
Tare: 26720 LB P.T.  
Net: 70140 LB

Truck: JEN68

License: AX724C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:97392

Materials & Services

Quantity Unit

VIP D Per Ton

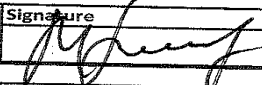
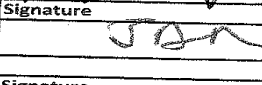

35.07 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>97392</b>	
Generators Name and Mailing Address <b>M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>			
Generators Phone: <b>0</b>		<b>AX 72AC 68</b>			
Transporter 1 Company Name <b>0 JENCAR</b>	US EPA ID Number	Transporter's Phone			
Transporter 2 Company Name <b>0</b>	US EPA ID Number	Transporter's Phone			
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>		
Shipping Name & Description of Materials <b>a VIP Site Specific Fill</b>		Containers No.	Total Quantity	Units Wt/Vol	
		<b>1</b>	<b>trk</b>		
Facility designated material designations: <b>Capital Development</b>					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)	E (red)
<b>Coplay Quarry</b>					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)	E (red)
Additional Description for Materials Listed Above: <b>Site Specific Fill</b>					
Special Handling Instructions & Additional Information: <b>0</b>					
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous					
Print/Type Name <b>Slava Milink SSM</b>		Signature 	Date <b>11/10/22</b>		
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <b>JDLW</b>		Signature 	Date <b>11/10/22</b>		
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature	Date		
Discrepancy Indication Space:					
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.					
Print/Type Name		Signature 	Date <b>11/10/22</b>		

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000127058

Date: 11/10/2022

Time: 09:04:13 - 09:04:36

Gross: 93180 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 67980 LB

Truck: JEN64

License: AS416T

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:97391

Materials & Services

Quantity Unit

VIP D Per Ton

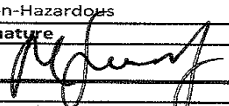
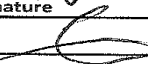
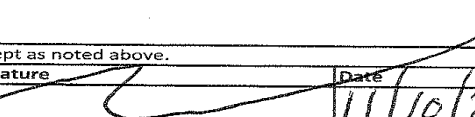
33.99 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>97391</b>
Generators Name and Mailing Address <b>M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>		
Generators Phone: <b>0</b>				
Transporter 1 Company Name <b>0 Tencar Trucking H H</b>		US EPA ID Number <b>AS416T</b>	Transporter's Phone	
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials			Containers No.   Type	Total Quantity
a <b>VIP Site Specific Fill</b>			1	trk
b				
Facility designated material designations: <b>Capital Development</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<b>Coplay Quarry</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: <b>0</b>				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Slava Milik SSM</b>		Signature 		Date <b>11/10/22</b>
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name		Signature 		Date
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature 		Date <b>11/10/22</b>

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000127059

Date: 11/10/2022

Time: 09:10:18 - 09:10:32

Gross: 95080 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 69880 LB

Truck: JEN60

License: AX913D

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:97390

Materials & Services

Quantity Unit

VIP D Per Ton

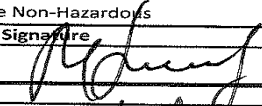
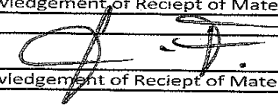
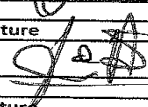

34.94 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>97390</b>
Generators Name and Mailing Address <b>MS778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034</b>		
Generators Phone: <b>0</b>		US EPA ID Number <b>0</b>		
Transporter 1 Company Name <b>0 Jency Trucking #60 AX913D</b>		Transporter's Phone		
Transporter Company Name <b>0</b>		US EPA ID Number		
Transporter's Phone		US EPA ID Number		
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		Facility's Phone <b>610-452-1011</b>		
Shipping Name & Description of Materials		Containers	Total	Units
		No.	Quantity	Wt/Vol
a	<b>VIP Site Specific Fill</b>	1	trk	
b	Facility designated material designations: <b>Capital Development</b>			
	Clean Fill(green)	A (white)	B (Black)	C (yellow)
			D (blue)	E (red)
	<b>Coplay Quarry</b>			
	Clean Fill(green)	A (white)	B (Black)	C (yellow)
			D (blue)	E (red)
Additional Description for Materials Listed Above:				
<b>Site Specific Fill</b>				
Special Handling Instructions & Additional Information: <b>0</b>				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Slava Milink SSM</b>		Signature 		Date <b>11/10/22</b>
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name 		Signature 		Date <b>11/10/22</b>
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature 		Date <b>11/10/22</b>

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000127063

Date: 11/10/2022

Time: 09:21:56 - 09:22:26

Gross: 93160 LB In Scale 1  
Tare: 29280 LB P.T.  
Net: 63880 LB

Truck: JGM3270

License: AT577Z

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:97389

Materials & Services

Quantity Unit

VIP D Per Ton

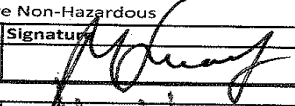
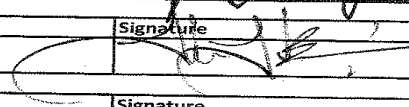

31.94 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>97389</b>	
Generators Name and Mailing Address <b>MS778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>			
Generators Phone: <b>0</b>					
Transporter 1 Company Name <b>SGM TRUCKING L.L.C.</b>		US EPA ID Number <b>A13772</b>	Transporter's Phone		
Transporter 2 Company Name <b>#3270</b>		US EPA ID Number	Transporter's Phone		
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>		
Shipping Name & Description of Materials			Containers	Total	Units
			No.	Type	Quantity
a	<b>VIP Site Specific Fill</b>			1	trk
b	Facility designated material designations:				
<u>Capital Development</u>					
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)					
<u>Coplay Quarry</u>					
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)					
Additional Description for Materials Listed Above:					
Site Specific Fill					
Special Handling Instructions & Additional Information: <b>0</b>					
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous					
Print/Type Name <b>Slava Miline SSM</b>		Signature 		Date <b>11/10/22</b>	
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <b>Iron J. Barrero</b>		Signature 		Date <b>11-10-22</b>	
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature		Date	
Discrepancy Indication Space:					
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.					
Print/Type Name		Signature 		Date <b>11/10/22</b>	

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000127072

Date: 11/10/2022

Time: 09:40:36 - 09:40:53

Gross: 94740 LB In Scale 1  
Tare: 28860 LB P.T.  
Net: 65880 LB

Truck: JGM3273

License: AW890H

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:97388

Materials & Services

Quantity Unit

VIP D Per Ton

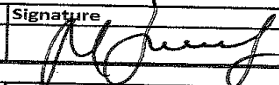


32.94 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>97388</b>	
Generators Name and Mailing Address <b>M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>			
Generators Phone: <b>0</b>					
Transporter 1 Company Name <b>0</b>		US EPA ID Number <b>AWB90H</b>	Transporter's Phone		
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone		
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>		
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol	
a <b>VIP Site Specific Fill</b>		1	trk		
b					
Facility designated material designations: <u>Capital Development</u>					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	<span style="border: 1px solid black; padding: 2px;">D (blue)</span>	E (red)
<u>Coplay Quarry</u>					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)	E (red)
Additional Description for Materials Listed Above:					
Site Specific Fill					
Special Handling Instructions & Additional Information: <b>0</b>					
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous					
Print/Type Name <b>Shawa Miliuk SSM</b>		Signature 	Date <b>11/10/22</b>		
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <b>Jorge A. Florillo</b>		Signature 	Date <b>11-10-22</b>		
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature	Date		
Discrepancy Indication Space:					
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.					
Print/Type Name		Signature 	Date <b>11/10/22</b>		

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000127075

Date: 11/10/2022

Time: 09:49:41 - 09:49:56

Gross: 92340 LB In Scale 1  
Tare: 26500 LB P.T.  
Net: 65840 LB

Truck: JEN62

License: AX780C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:97387

Materials & Services

Quantity Unit

VIP D Per Ton

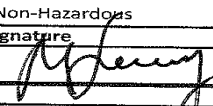

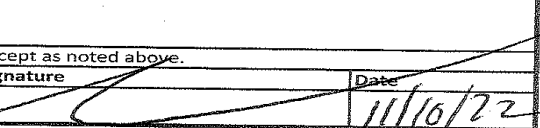
32.92 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>97387</b>
Generators Name and Mailing Address <b>M5778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>		
Generators Phone: <b>0</b>				
Transporter 1 Company Name <b>0 JAWCAN #62 A2780C</b>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials			Containers No.	Total Quantity
a <b>VIP Site Specific Fill</b>			1	trk
b				
Facility designated material designations: <b>Capital Development</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<b>Coplay Quarry</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: <b>0</b>				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Slava Miline SSM</b>		Signature 		Date <b>11/10/22</b>
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <b>Guillermo B.</b>		Signature 		Date <b>11-10-22</b>
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature 		Date <b>11/10/22</b>

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000127084

Date: 11/10/2022

Time: 10:09:35 - 10:09:51

Gross: 94280 LB In Scale 1  
Tare: 26720 LB P.T.  
Net: 67560 LB

Truck: JEN66

License: AX723C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:97386

Materials & Services

Quantity Unit

VIP D Per Ton

33.78 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>97386</b>
Generators Name and Mailing Address <b>M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>		
Generators Phone: <b>0</b>				
Transporter 1 Company Name <b>0</b>		US EPA ID Number <b>FFX723C</b>	Transporter's Phone	
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a <b>VIP Site Specific Fill</b>		1	trk	
b				
Facility designated material designations: <b>Capital Development</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<b>Coplay Quarry</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: <b>0</b>				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Slava Mihuk SSM</b>		Signature <i>[Signature]</i>		Date <b>11/10/22</b>
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <b>MITON SUAREZ</b>		Signature <i>[Signature]</i>		Date <b>11-10-2022</b>
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date <b>11/10/22</b>

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000127090

Date: 11/10/2022

Time: 10:21:34 - 10:21:48

Gross: 93040 LB In Scale 1  
Tare: 26400 LB P.T.  
Net: 66640 LB

Truck: JEN73

License: AX914D

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:97385

Materials & Services

Quantity Unit

VIP D Per Ton

33.32 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>97385</b>
Generators Name and Mailing Address <b>M5778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034</b>		
Generators Phone: <b>0</b>		0		
Transporter 1 Company Name <b>0</b> <i>Leolar Trucking #23</i>		US EPA ID Number <b>AX914D</b>	Transporter's Phone	
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials		Containers		Total
		No.	Type	Quantity
a <b>VIP Site Specific Fill</b>		1	trk	
b				
Facility designated material designations: <u>Capital Development</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	<span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)
<u>Coplay Quarry</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue) E (red)
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: <b>0</b>				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Slawa Milnik SSM</b>		Signature <i>[Signature]</i>		Date <b>11/10/22</b>
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <b>Leo Sepulveda</b>		Signature <i>[Signature]</i>		Date <b>11-10-22</b>
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above				
Print/Type Name		Signature <i>[Signature]</i>		Date <b>11/10/22</b>

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000127141

Date: 11/10/2022

Time: 12:45:54 - 12:46:10

Gross: 101200 LB In Scale 1  
Tare: 29280 LB P.T.  
Net: 71920 LB

Truck: JGM3270

License: AT577Z

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:97384

Materials & Services

Quantity Unit

VIP D Per Ton

35.96 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>97384</b>
Generators Name and Mailing Address <b>M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>		
Generators Phone: <b>0</b>				
Transporter 1 Company Name <b>0 JSM Trucking L.L.C.</b>		US EPA ID Number <b>AT5472</b>	Transporter's Phone	
Transporter 2 Company Name <b>0 # 3270</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a <b>VIP Site Specific Fill</b>				
b		<b>1</b>	<b>trk</b>	
Facility designated material designations: <b>Capital Development</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<b>Coplay Quarry</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: <b>0</b>				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Slawa Milink SSM</b>		Signature 	Date <b>11/10/22</b>	
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <b>Ron J. Barrero</b>		Signature 	Date <b>11-10-22</b>	
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature	Date	
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above. Print/Type Name		Signature 	Date <b>11/10/22</b>	

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000127155

Date: 11/10/2022

Time: 13:38:23 - 13:38:40

Gross: 96440 LB In Scale 1  
Tare: 28860 LB P.T.  
Net: 67580 LB

Truck: JGM3273

License: AW890H

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:97383

Materials & Services

Quantity Unit

VIP D Per Ton

33.79 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>97383</b>
Generators Name and Mailing Address <b>M5778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034</b>		
Generators Phone: <b>0</b>		US EPA ID Number <b>0</b>		
Transporter 1 Company Name <b>JGM 3273</b>		US EPA ID Number <b>AW890H</b>	Transporter's Phone	
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a <b>VIP Site Specific Fill</b>		1	trk	
b				
Facility designated material designations: <b>Capital Development</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<b>Coplay Quarry</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: <b>0</b>				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Slawa Miliuk SSM</b>		Signature 	Date <b>11/10/22</b>	
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <b>Jorge A. Puvillo</b>		Signature 	Date <b>11-10-22</b>	
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature	Date	
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature 	Date <b>11/10/22</b>	

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000127172

Date: 11/10/2022

Time: 14:14:09 - 14:14:26

Gross: 96460 LB In Scale 1  
Tare: 26720 LB P.T.  
Net: 69740 LB

Truck: JEN68

License: AX724C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:97381

Materials & Services

Quantity Unit

VIP D Per Ton

34.87 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	I. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>97381</b>
Generators Name and Mailing Address <b>M5778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>		
Generators Phone: <b>0</b>				
Transporter 1 Company Name <b>0</b> <i>JENCOAL TRUCK</i>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials <b>a VIP Site Specific Fill</b>		Containers No.	Total Quantity	Units Wt/Vol
		<b>1</b>	<b>trk</b>	
Facility designated material designations: <u>Capital Development</u>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<u>Coplay Quarry</u>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:  <u>Site Specific Fill</u>				
Special Handling Instructions & Additional Information:  <b>0</b>				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Slava Miliuk SSM</b>		Signature <i>[Signature]</i>	Date <b>11/10/22</b>	
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <b>JULIO [Signature]</b>		Signature <b>JAN</b>	Date <b>11/10/22</b>	
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature	Date	
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>	Date <b>11/10/22</b>	

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000127201

Date: 11/10/2022

Time: 15:16:15 - 15:16:31

Gross: 87560 LB In Scale 1  
Tare: 26500 LB P.T.  
Net: 61060 LB

Truck: JEN62

License: AX780C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:97382

Materials & Services

Quantity Unit

VIP D Per Ton

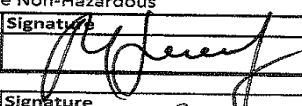
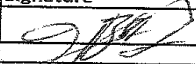
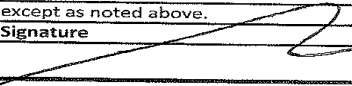
30.53 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>97382</b>
Generators Name and Mailing Address <b>M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>		
Generators Phone: <b>0</b>				
Transporter 1 Company Name <b>0 JENCOY #62 AX780C</b>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a <b>VIP Site Specific Fill</b>		1	trk	
b				
Facility designated material designations: <b>Capital Development</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<b>Coplay Quarry</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information:				
o				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Slawa Milink SSM</b>		Signature 		Date <b>11/10/22</b>
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <b>GOILCIMO B.</b>		Signature 		Date <b>11-10-22</b>
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature 		Date <b>11/10/22</b>

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000127207

Date: 11/10/2022

Time: 15:29:55 - 15:30:14

Gross: 93300 LB In Scale 1  
Tare: 26700 LB P.T.  
Net: 66600 LB

Truck: JEN63

License: AS702T

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:98362

Materials & Services

Quantity Unit

VIP D Per Ton

33.30 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>98362</b>
Generators Name and Mailing Address <b>M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034</b>		
Generators Phone: <b>0</b>		US EPA ID Number <b>0</b>		
Transporter 1 Company Name <b>0</b>		US EPA ID Number		Transporter's Phone
Transporter 2 Company Name <b>0</b>		US EPA ID Number		Transporter's Phone
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number		Facility's Phone <b>610-452-1011</b>
Shipping Name & Description of Materials				Containers No. Type
a <b>VIP Site Specific Fill</b>				Total Quantity
b				Units Wt/Vol
Facility designated material designations: <b>Capital Development</b>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	<input type="checkbox"/> D (blue)
<b>Coplay Quarry</b>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: <b>0</b>				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Slawa Miliak SSM</b>		Signature <i>[Signature]</i>		Date <b>11/10/22</b>
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <b>Williams</b>		Signature <i>[Signature]</i>		Date <b>11/10/22</b>
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date <b>11/10/22</b>

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000127224

Date: 11/10/2022

Time: 16:13:30 - 16:13:45

Gross: 87260 LB In Scale 1  
Tare: 26720 LB P.T.  
Net: 60540 LB

Truck: JEN66

License: AX723C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:98361

Materials & Services

Quantity Unit

VIP D Per Ton

30.27 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 98361
Generators Name and Mailing Address M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034 0 0		
Generators Phone: 0		US EPA ID Number		
Transporter 1 Company Name 0		Transporter's Phone		
Transporter 2 Company Name 0		US EPA ID Number		
Transporter's Phone		US EPA ID Number		
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		Facility's Phone 610-452-1011		
Shipping Name & Description of Materials		Containers No.	Type	Total Quantity
a VIP Site Specific Fill		1	Trk	
b				
Facility designated material designations: Capital Development				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
Coplay Quarry				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information:				
0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name Slava Milink SSM		Signature <i>[Signature]</i>		Date 11/10/22
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name NIVDOL SSM		Signature <i>[Signature]</i>		Date 11-10-2022
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date 11/10/22

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000127227

Date: 11/10/2022

Time: 16:49:29 - 16:49:45

Gross: 94280 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 69080 LB

Truck: JEN76

License: AU854R

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:98359

Materials & Services

Quantity Unit

VIP D Per Ton

34.54 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>98359</b>	
Generators Name and Mailing Address		Site Address			
MS778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY Generators Phone: 0		4778 Broadway New York, NY 10034 0 0 <b>AV 854 J2</b>			
Transporter 1 Company Name		US EPA ID Number	Transporter's Phone		
0					
Transporter 2 Company Name		US EPA ID Number	Transporter's Phone		
0					
Designated Facility Name & Site Address		US EPA ID Number	Facility's Phone		
VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013			610-452-1011		
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol	
a VIP Site Specific Fill b		1	1 tk		
Facility designated material designations:					
<u>Capital Development</u>					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue) <span style="border: 1px solid black; padding: 2px;"> </span>	E (red)
<u>Coplay Quarry</u>					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)	E (red)
Additional Description for Materials Listed Above:					
<u>Site Specific Fill</u>					
Special Handling Instructions & Additional Information:					
0					
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous					
Print/Type Name		Signature	Date		
<i>Austin Johnson</i>		<i>[Signature]</i>	11/10/22		
Transporter 1 Acknowledgement of Receipt of Materials					
Print/Type Name		Signature	Date		
<i>X Edward Banegas</i>		<i>Edward Banegas</i>	11/10/22		
Transporter 2 Acknowledgement of Receipt of Materials					
Print/Type Name		Signature	Date		
Discrepancy Indication Space:					
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.					
Print/Type Name		Signature	Date		
		<i>[Signature]</i>	11/10/22		

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000127228

Date: 11/10/2022

Time: 16:51:19 - 16:51:34

Gross: 96360 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 71160 LB

Truck: JEN65

License: AW431C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:98358

Materials & Services

Quantity Unit

VIP D Per Ton

35.58 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

<b>NON-HAZARDOUS MANIFEST</b>	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>98358</b>	
Generators Name and Mailing Address <b>M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034</b>			
Generators Phone: <b>0</b>		US EPA ID Number <b>0</b>			
Transporter 1 Company Name <b>o. Jencux # 65</b>		US EPA ID Number <b>AT 7314</b>	Transporter's Phone		
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone		
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>		
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol	
a <b>VIP Site Specific Fill</b>		1	trk		
Facility designated material designations: <b>Capital Development</b>					
Clean Fill(green)		A (white)	B (Black)	C (yellow)	D (blue)
Coplay Quarry					
Clean Fill(green)		A (white)	B (Black)	C (yellow)	D (blue)
E (red)					
Additional Description for Materials Listed Above: <b>Site Specific Fill</b>					
Special Handling Instructions & Additional Information: <b>0</b>					
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous					
Print/Type Name <b>Slawa Milink SSM</b>		Signature <i>[Signature]</i>	Date <b>11/10/22</b>		
Transporter 1 Acknowledgement of Receipt of Materials					
Print/Type Name <b>Marccos Uruga</b>		Signature <i>[Signature]</i>	Date <b>11-10-22</b>		
Transporter 2 Acknowledgement of Receipt of Materials					
Print/Type Name		Signature	Date		
Discrepancy Indication Space:					
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.					
Print/Type Name		Signature <i>[Signature]</i>	Date <b>11/10/22</b>		

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000127237

Date: 11/11/2022

Time: 07:15:34 - 07:15:57

Gross: 99740 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 74540 LB

Truck: JEN55

License: AU853R

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:98357

Materials & Services

Quantity Unit

VIP D Per Ton

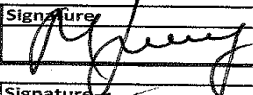

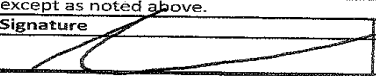
37.27 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>98357</b>
Generators Name and Mailing Address <b>M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>		
Generators Phone: <b>0</b>				
Transporter 1 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials			Containers No.	Total Quantity
a <b>VIP Site Specific Fill</b>			Type	Units Wt/Vol
b			<b>1</b>	<b>Trk</b>
Facility designated material designations: <b>Capital Development</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<b>Coplay Quarry</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: <b>0</b>				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Stawa Milink SSM</b>		Signature 		Date <b>11/10/22</b>
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <b>JONATHAN S JENCAR # 55</b>		Signature 		Date <b>11-10-22</b>
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature 		Date <b>11/11/22</b>

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000127435

Date: 11/14/2022

Time: 09:10:09 - 09:10:21

Gross: 92500 LB In Scale 1  
Tare: 26720 LB P.T.  
Net: 65780 LB

Truck: JEN68

License: AX724C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:98356

Materials & Services

Quantity Unit

VIP D Per Ton

32.89 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>98356</b>	
Generators Name and Mailing Address <b>M5778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b> Generators Phone: <b>0</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>			
Transporter 1 Company Name <b>0 JENCAT</b>		US EPA ID Number	Transporter's Phone		
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone		
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>		
Shipping Name & Description of Materials			Containers No.	Total Quantity	
a <b>VIP Site Specific Fill</b>			1	Trk	
b					
Facility designated material designations: <u>Capital Development</u>					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	<span style="border: 1px solid black; padding: 2px;">D (blue)</span>	E (red)
<u>Coplay Quarry</u>					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)	E (red)
Additional Description for Materials Listed Above:					
<u>Site Specific Fill</u>					
Special Handling Instructions & Additional Information: <b>0</b>					
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous					
Print/Type Name <b>Slawa Miliuk SSM</b>		Signature <i>[Signature]</i>		Date <b>11/14/22</b>	
Transporter 1 Acknowledgement of Receipt of Materials					
Print/Type Name <b>STUAS</b>		Signature <b>JAN</b>		Date <b>11/14/22</b>	
Transporter 2 Acknowledgement of Receipt of Materials					
Print/Type Name		Signature		Date	
Discrepancy Indication Space:					
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.					
Print/Type Name		Signature <i>[Signature]</i>		Date <b>11/14/22</b>	

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000127439

Date: 11/14/2022

Time: 09:17:26 - 09:17:40

Gross: 93620 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 68420 LB

Truck: JEN64

License: AS416T

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:98355

Materials & Services

Quantity Unit

VIP D Per Ton

34.21 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>98355</b>
Generators Name and Mailing Address <b>M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034</b>		
Generators Phone: <b>0</b>		Site Phone: <b>0</b>		
Transporter 1 Company Name <b>0 Jenco Trucking #64</b>		US EPA ID Number <b>AS4767</b>	Transporter's Phone	
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials			Containers No.	Total Quantity
a <b>VIP Site Specific Fill</b>			Type	Units Wt/Vol
b			<b>1</b>	<b>trk</b>
Facility designated material designations: <b>Capital Development</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<b>Coplay Quarry</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: <b>0</b>				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Slawa Miliak SSM</b>		Signature 		Date <b>11/14/22</b>
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name		Signature 		Date
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature 		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above. Print/Type Name		Signature 		Date <b>11/14/22</b>

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000127443

Date: 11/14/2022

Time: 09:29:40 - 09:29:54

Gross: 98600 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 73400 LB

Truck: JEN60

License: AX913D

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:98354

Materials & Services

Quantity Unit

VIP D Per Ton

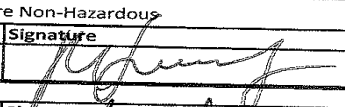
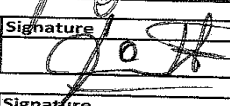
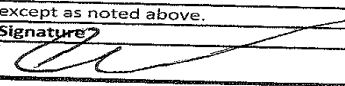
36.70 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>98354</b>
Generators Name and Mailing Address <b>M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>		
Generators Phone: <b>0</b>				
Transporter 1 Company Name <b>Oceans Trucking #60 AX913D</b>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a <b>VIP Site Specific Fill</b>		1	Trk	
Facility designated material designations: <b>Capital Development</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<b>Coplay Quarry</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:  <b>Site Specific Fill</b>				
Special Handling Instructions & Additional Information:  <b>0</b>				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Slava Milink SSM</b>		Signature 		Date <b>11/14/22</b>
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <b>J. J.</b>		Signature 		Date <b>11/14/22</b>
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature 		Date <b>11/14/22</b>

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000127455

Date: 11/14/2022

Time: 09:51:56 - 09:52:11

Gross: 93220 LB In Scale 1  
Tare: 26500 LB P.T.  
Net: 66720 LB

Truck: JEN62

License: AX780C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:98353

Materials & Services

Quantity Unit

VIP D Per Ton

33.36 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>98353</b>
Generators Name and Mailing Address		Site Address		
MS778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY Generators Phone: 0		4778 Broadway New York, NY 10034 0 0		
Transporter 1 Company Name		US EPA ID Number	Transporter's Phone	
0 JAVCAR #62 A507800				
Transporter 2 Company Name		US EPA ID Number	Transporter's Phone	
0				
Designated Facility Name & Site Address		US EPA ID Number	Facility's Phone	
VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013			610-452-1011	
Shipping Name & Description of Materials			Containers No.	Total Quantity
a VIP Site Specific Fill			1	Trk
b				
Facility designated material designations:				
<u>Capital Development</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	<span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)
<u>Coplay Quarry</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue) E (red)
Additional Description for Materials Listed Above:				
<u>Site Specific Fill</u>				
Special Handling Instructions & Additional Information:				
0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name		Signature	Date	
Ansel Gonzalez			11/14/22	
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature	Date	
Guillermo B.			11-14-22	
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature	Date	
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature	Date	
			11/19/22	

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000127456

Date: 11/14/2022

Time: 10:02:44 - 10:03:00

Gross: 97860 LB In Scale 1  
Tare: 26720 LB P.T.  
Net: 71140 LB

Truck: JEN66

License: AX723C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:98343

Materials & Services

Quantity Unit

VIP D Per Ton

35.57 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>98343</b>
Generators Name and Mailing Address <b>MS778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>		
Generators Phone: <b>0</b>				
Transporter 1 Company Name <b>GENCO2 TRUCKING #66</b>		US EPA ID Number <b>AX723C</b>	Transporter's Phone	
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials		Containers		Units
		No.	Type	Quantity
a <b>VIP Site Specific Fill</b>		1		Trk
b				
Facility designated material designations:				
<u>Capital Development</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	<input type="checkbox"/> D (blue)
<u>Coplay Quarry</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
Additional Description for Materials Listed Above:				
<u>Site Specific Fill</u>				
Special Handling Instructions & Additional Information:				
0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name		Signature		Date
<b>Angel Gonzalez</b>				<b>11/14/22</b>
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
<b>MILTON SIMES</b>				<b>11-14-2022</b>
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature		Date
				<b>11/14/22</b>

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000127533

Date: 11/14/2022

Time: 14:36:27 - 14:36:40

Gross: 96300 LB In Scale 1  
Tare: 26720 LB P.T.  
Net: 69580 LB

Truck: JEN68

License: AX724C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:98344

Materials & Services

Quantity Unit

VIP D Per Ton

34.79 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>98344</b>
Generators Name and Mailing Address		Site Address		
M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY Generators Phone: 0		4778 Broadway New York, NY 10034 0 0		
Transporter 1 Company Name 0 <b>JENOML TRUCK</b>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address		US EPA ID Number	Facility's Phone	
VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013			610-452-1011	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a <b>VIP Site Specific Fill</b> b		1	trk	
Facility designated material designations: <u>Capital Development</u> Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<u>Coplay Quarry</u> Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name		Signature	Date	
<b>Anael Gonzalez</b>			11/14/22	
Transporter 1 Acknowledgement of Receipt of Materials		Signature	Date	
<b>JULIO ESTEBORO</b>		<b>JAN</b>	11/14/22	
Transporter 2 Acknowledgement of Receipt of Materials		Signature	Date	
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature	Date	
			11/14/22	

ORIGINAL RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000127540

Date: 11/14/2022

Time: 14:50:30 - 14:50:45

Gross: 95420 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 70220 LB

Truck: JEN64

License: AS416T

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:98352

Materials & Services

Quantity Unit

VIP D Per Ton

35.11 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>98352</b>
Generators Name and Mailing Address <b>MS778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034</b>		
Generators Phone: <b>0</b>		US EPA ID Number <b>0</b>		
Transporter 1 Company Name <b>0</b>		US EPA ID Number <b>AS4167</b>		Transporter's Phone
Transporter 2 Company Name <b>0</b>		US EPA ID Number		Transporter's Phone
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number		
		Facility's Phone <b>610-452-1011</b>		
Shipping Name & Description of Materials				Containers No. Type
a <b>VIP Site Specific Fill</b>				Total Quantity
b				Units Wt/Vol
Facility designated material designations: <b>Capital Development</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<b>Coplay Quarry</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
<b>Site Specific Fill</b>				
Special Handling Instructions & Additional Information: <b>0</b>				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Anael Gonzalez</b>		Signature <i>Anael Gonzalez</i>		Date <b>11/14/22</b>
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name		Signature <i>[Signature]</i>		Date
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above. Print/Type Name		Signature <i>[Signature]</i>		Date <b>11/14/22</b>

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000127546

Date: 11/14/2022

Time: 15:06:46 - 15:07:03

Gross: 96200 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 71000 LB

Truck: JEN60

License: AX913D

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:98345

Materials & Services

Quantity Unit

VIP D Per Ton

35.50 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

<b>NON-HAZARDOUS MANIFEST</b>	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>98345</b>
Generators Name and Mailing Address <b>M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034</b>		
Generators Phone: <b>0</b>		US EPA ID Number: <b>0</b>		
Transporter 1 Company Name <b>0 Clean Trucking #60 AX913D</b>		Transporter's Phone		
Transporter 2 Company Name <b>0</b>		US EPA ID Number		
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		Facility's Phone <b>610-452-1011</b>		
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a <b>VIP Site Specific Fill</b>		1	1	1
b Facility designated material designations: <b>Capital Development</b>		Type: <b>TRK</b>		
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<b>Coplay Quarry</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: <b>0</b>				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Anad Gonzalez</b>		Signature		Date
Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>[Signature]</i>		Date <b>11/14/22</b>
Print/Type Name		Signature		Date
Transporter 2 Acknowledgement of Receipt of Materials		Signature <i>[Signature]</i>		Date <b>11/14/22</b>
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date <b>11/14/22</b>

GENERATOR

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000127547

Date: 11/14/2022

Time: 15:13:16 - 15:13:30

Gross: 92420 LB In Scale 1  
Tare: 26500 LB P.T.  
Net: 65920 LB

Truck: JEN62

License: AX780C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:98351

Materials & Services

Quantity Unit

VIP D Per Ton

32.96 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>98351</b>
Generators Name and Mailing Address <b>M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>		
Generators Phone: <b>0</b>				
Transporter 1 Company Name <b>0 Jov. Co. #62 AX7000</b>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials			Containers No. Type	Total Quantity
a <b>VIP Site Specific Fill</b>			1	Trk
b				
Facility designated material designations: <b>Capital Development</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<b>Coplay Quarry</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above: <b>Site Specific Fill</b>				
Special Handling Instructions & Additional Information: <b>0</b>				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Angel Gonzalez</b>		Signature <i>[Signature]</i>		Date <b>11/14/22</b>
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <b>60110110 B.</b>		Signature <i>[Signature]</i>		Date <b>11-14-22</b>
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above. Print/Type Name				
			Signature <i>[Signature]</i>	Date <b>11/14/22</b>

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000127553

Date: 11/14/2022

Time: 15:44:03 - 15:44:19

Gross: 97280 LB In Scale 1  
Tare: 26720 LB P.T.  
Net: 70560 LB

Truck: JEN66

License: AX723C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:98346

Materials & Services

Quantity Unit

VIP D Per Ton

35.28 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>98346</b>	
Generators Name and Mailing Address <b>M5778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>			
Generators Phone: <b>0</b>					
Transporter 1 Company Name <b>JENAR TRUCKING INC</b>		US EPA ID Number <b>AX1230</b>	Transporter's Phone		
Transporter 2 Company Name <b>AT66</b>		US EPA ID Number	Transporter's Phone		
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>		
Shipping Name & Description of Materials <b>VIP Site Specific Fill</b>		Containers		Units	
		No.	Type	Total Quantity	Wt/Vol
a		1	trk		
b					
Facility designated material designations: <b>Capital Development</b>					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	<input checked="" type="checkbox"/> D (blue)	E (red)
<b>Coplay Quarry</b>					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)	E (red)
Additional Description for Materials Listed Above: <b>Site Specific Fill</b>					
Special Handling Instructions & Additional Information: <b>0</b>					
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous					
Print/Type Name <b>Angel Gonzalez</b>		Signature <i>[Signature]</i>		Date <b>11/14/22</b>	
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <b>MAYOR JIM</b>		Signature <i>[Signature]</i>		Date <b>11/14/2022</b>	
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature		Date	
Discrepancy indication Space:					
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above. Print/Type Name		Signature <i>[Signature]</i>		Date <b>11/14/22</b>	

ORIGINAL RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000132715

Date: 1/4/2023

Time: 15:06:43 - 15:06:57

Gross: 99480 LB In Scale 1  
Tare: 26720 LB P.T.  
Net: 72760 LB

Truck: JEN66

License: AX723C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88523

Materials & Services

Quantity Unit

VIP D Per Ton

36.38 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS21684</b>	Page # of	Document Number: <b>88523</b>
Generators Name and Mailing Address <b>MS778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>		
Generators Phone: <b>0</b>		Handwritten: <b>JENORZ TRUCKING</b>		
Transporter 1 Company Name <b>0</b>		US EPA ID Number <b>AX723C</b>	Transporter's Phone	
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
		a <b>VIP Site Specific Fill</b>		
b		1	trk	
Facility designated material designations: <u>Capital Development</u>		Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)		
<u>Coplay Quarry</u>		Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)		
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information:				
c				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Angel Gonzalez</b>		Signature 		Date <b>1/4/23</b>
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <b>Juan</b>		Signature 		Date <b>01-04-2023</b>
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature 		Date <b>1/9/23</b>

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000132707

Date: 1/4/2023

Time: 14:29:42 - 14:30:16

Gross: 86320 LB In Scale 1  
Tare: 26500 LB P.T.  
Net: 59820 LB

Truck: JEN62

License: AX780C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88524

Materials & Services

Quantity Unit

VIP D Per Ton

29.91 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

### MATERIAL SOLUTION SERVICES, INC.

21 East 10th Street  
Northampton, PA 18067  
610-440-2301

<b>NON-HAZARDOUS MANIFEST</b>		1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>88524</b>												
Generators Name and Mailing Address <b>M5778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>			Site Address <b>4778 Broadway New York, NY 10034</b>														
Generators Phone: <b>0</b>			Transporter's Phone <b>0</b>														
Transporter 1 Company Name <b>0</b>			US EPA ID Number <b>AX780C</b>														
Transporter 2 Company Name <b>JANCAOZ Trucking</b>			Transporter's Phone <b>0</b>														
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>			US EPA ID Number <b>0</b>														
Shipping Name & Description of Materials <b>VIP Site Specific Fill</b>			Facility's Phone <b>610-452-1011</b>														
Facility designated material designations: <b>Capital Development</b>			Containers No.	Total Quantity	Units Wt/Vol												
<table style="width: 100%; border: none;"> <tr> <td>Clean Fill(green)</td> <td>A (white)</td> <td>B (Black)</td> <td>C (yellow)</td> <td style="border: 1px solid black;">D (blue)</td> <td>E (red)</td> </tr> <tr> <td>Coplay Quarry</td> <td>A (white)</td> <td>B (Black)</td> <td>C (yellow)</td> <td>D (blue)</td> <td>E (red)</td> </tr> </table>			Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)	E (red)	Coplay Quarry	A (white)	B (Black)	C (yellow)	D (blue)	E (red)	1	trk	
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)	E (red)												
Coplay Quarry	A (white)	B (Black)	C (yellow)	D (blue)	E (red)												
Additional Description for Materials Listed Above: Site Specific Fill																	
Special Handling Instructions & Additional Information:																	
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous																	
Generator Name/Type Name <b>Angel Gonzalez</b>			Signature <i>Angel Gonzalez</i>														
Transporter 1 Acknowledgement of Receipt of Materials			Date <b>1/4/23</b>														
Generator Name/Type Name <b>Songe Minchalo</b>			Signature <i>Songe Minchalo</i>														
Transporter 2 Acknowledgement of Receipt of Materials			Date <b>1/4/23</b>														
Discrepancy Indication Space:			Signature														
Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.			Date <b>1/9/23</b>														

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000132705  
Date: 1/4/2023  
Time: 14:22:35 - 14:22:50

Gross: 100140 LB In Scale 1  
Tare: 26720 LB P.T.  
Net: 73420 LB

Truck: JEN68  
Customer: ALL SUFFOLK MATERIALS CAP/All S  
Job: MSS22684 4778 Broadway  
Generator: MSS22684 4778 Broadway  
4778 Broadway  
New York NY

License: AX724C

Comment:

Manifest:88525

Materials & Services

Quantity Unit

---

VIP D Per Ton 36.71 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: <b>88525</b>
Generators Name and Mailing Address M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034		
Generators Phone: 0		0		
Transporter 1 Company Name 0 <i>JENCAT</i>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a VIP Site Specific Fill		1	Trk	
b				
Facility designated material designations: <u>Capital Development</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue) <input type="checkbox"/>
E (red)				
<u>Coplay Quarry</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information:				
0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <i>Angel Gonzalez</i>		Signature <i>Angel Gonzalez</i>		Date 1/4/23
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <i>JULIO ESTEBAN</i>		Signature <i>JAN</i>		Date 1/4/23
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date 1/4/23

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000132759

Date: 1/5/2023

Time: 08:49:13 - 08:49:26

Gross: 100160 LB In Scale 1  
Tare: 28580 LB P.T.  
Net: 71580 LB

Truck: JEN71

License: AX781C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88513

Materials & Services

Quantity Unit

VIP D Per Ton

35.79 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>88513</b>
Generators Name and Mailing Address <b>M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034</b>		
Generators Phone: <b>0</b>		US EPA ID Number <b>0</b>		
Transporter 1 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials		Containers	Total	Units
a <b>VIP Site Specific Fill</b>		No.	Type	Wt/Vol
b		1	trk	
Facility designated material designations:				
<b>Capital Development</b>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
<b>Coplay Quarry</b>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information:				
o				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Angel Gonzalez</b>		Signature <i>Angel Gonzalez</i>	Date <b>1/5/23</b>	
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <b>OSWALDO AGUIERO</b>		Signature <i>Oswaldo Aguiero</i>	Date <b>1/5/23</b>	
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature	Date	
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>	Date <b>1/5/23</b>	

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000132779

Date: 1/5/2023

Time: 09:32:23 - 09:32:37

Gross: 93760 LB In Scale 1  
Tare: 26500 LB P.T.  
Net: 67260 LB

Truck: JEN67

License: AW847H

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88514

Materials & Services

Quantity Unit

VIP D Per Ton

33.63 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No.	Project ID No.	Page #	Document Number:
	0	MSS22684	of	88514
Generators Name and Mailing Address		Site Address		
M5778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		4778 Broadway New York, NY 10034		
Generators Phone:		0		
Transporter 1 Company Name	US EPA ID Number	Transporter's Phone		
0	JENCOX 467	AWB 97		
Transporter 2 Company Name	US EPA ID Number	Transporter's Phone		
0				
Designated Facility Name & Site Address		US EPA ID Number	Facility's Phone	
VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013			610-452-1011	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a VIP Site Specific Fill		1	Trk	
b				
Facility designated material designations:				
<u>Capital Development</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
<u>Coplay Quarry</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information:				
0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name		Signature	Date	
Angel Gonzalez		Angel A...	1/5/23	
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature	Date	
Franklin		[Signature]	1-5-23	
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature	Date	
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature	Date	
		[Signature]	1/5/23	

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000132772  
Date: 1/5/2023  
Time: 09:20:18 - 09:20:33

Gross: 103960 LB In Scale 1  
Tare: 26720 LB P.T.  
Net: 77240 LB

Truck: JEN68  
Customer: ALL SUFFOLK MATERIALS CAP/All S  
Job: MSS22684 4778 Broadway  
Generator: MSS22684 4778 Broadway  
4778 Broadway  
New York NY

License: AX724C

Comment:

Manifest:88515

Materials & Services

Quantity Unit

VIP D Per Ton

38.62 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>88515</b>
Generators Name and Mailing Address <b>M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>		
Generators Phone: <b>0</b>				
Transporter 1 Company Name <b>JENCAR TRUCK</b>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials <b>a VIP Site Specific Fill</b>		Containers No.		Total Quantity
		Type <b>1 trk</b>		
Facility designated material designations: <b>Capital Development</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <b>D (blue)</b> E (red)				
<b>Coplay Quarry</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: <b>0</b>				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Angel Gonzalez</b>		Signature <i>Angel Gonzalez</i>		Date <b>1/5/23</b>
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <b>JULIO ESTERON</b>		Signature <i>JAE</i>		Date <b>1/5/23</b>
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date <b>1/5/23</b>

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000132777

Date: 1/5/2023

Time: 09:29:22 - 09:29:36

Gross: 95940 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 70740 LB

Truck: JEN64

License: AS416T

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88516

Materials & Services

Quantity Unit

VIP D Per Ton

35.37 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST		1. Generators US EPA ID No. 0	Project ID No. MSS22684		Page # of	Document Number: 88516		
Generators Name and Mailing Address MS778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY					Site Address 4778 Broadway New York, NY 10034			
Generators Phone: 0					0			
Transporter 1 Company Name 0 <i>Jensen Trucking #64</i>					US EPA ID Number AS416T		Transporter's Phone	
Transporter 2 Company Name 0					US EPA ID Number		Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013					US EPA ID Number		Facility's Phone 610-452-1011	
Shipping Name & Description of Materials a <u>VIP Site Specific Fill</u> b					Containers No.		Total Quantity	Units Wt/Vol
					1		trk	
Facility designated material designations: <u>Capital Development</u>								
Clean Fill(green)    A (white)    B (Black)    C (yellow) <input type="checkbox"/> D (blue)    E (red)								
<u>Coplay Quarry</u>								
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)								
Additional Description for Materials Listed Above:								
Site Specific Fill								
Special Handling Instructions & Additional Information: 0								
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous								
Print/Type Name <i>Angel Gonzalez</i>					Signature <i>Angel Gonzalez</i>		Date 1/5/23	
Transporter 1 Acknowledgement of Receipt of Materials					Signature <i>[Signature]</i>		Date 1/5/23	
Transporter 2 Acknowledgement of Receipt of Materials					Signature		Date	
Discrepancy Indication Space:								
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.					Signature <i>[Signature]</i>		Date 1/5/23	

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000132782

Date: 1/5/2023

Time: 09:37:10 - 09:37:24

Gross: 91760 LB In Scale 1  
Tare: 26500 LB P.T.  
Net: 65260 LB

Truck: JEN62

License: AX780C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88517

Materials & Services

Quantity Unit

VIP D Per Ton

32.63 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>88517</b>	
Generators Name and Mailing Address <b>M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>			
Generators Phone: <b>0</b>					
Transporter 1 Company Name <b>JANCAO TOWERS</b>		US EPA ID Number <b>AK780C</b>	Transporter's Phone		
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone		
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>		
Shipping Name & Description of Materials		Containers		Units	
		No.	Type	Quantity	Wt/Vol
a <b>VIP Site Specific Fill</b>		<b>1</b>	<b>Trk</b>		
b					
Facility designated material designations: <b>Capital Development</b>					
Clean Fill(green)    A (white)    B (Black)    C (yellow) <b>D (blue)</b> E (red)					
<b>Coplay Quarry</b>					
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)					
Additional Description for Materials Listed Above:					
Site Specific Fill					
Special Handling Instructions & Additional Information: <b>0</b>					
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous					
Print/Type Name <b>Angel Gonzalez</b>		Signature <i>Angel Gonzalez</i>		Date <b>11/5/23</b>	
Transporter 1 Acknowledgement of Receipt of Materials					
Print/Type Name <b>Jorge Miranda</b>		Signature <i>Jorge Miranda</i>		Date <b>11/5/23</b>	
Transporter 2 Acknowledgement of Receipt of Materials					
Print/Type Name		Signature		Date	
Discrepancy Indication Space:					
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.					
Print/Type Name		Signature <i>[Signature]</i>		Date <b>11/5/23</b>	

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000132784

Date: 1/5/2023

Time: 09:40:55 - 09:41:08

Gross: 93260 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 68060 LB

Truck: JEN60

License: AX913D

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88518

Materials & Services

Quantity Unit

VIP D Per Ton

34.03 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST		1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 88518	
Generators Name and Mailing Address MS778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY Generators Phone: 0			Site Address 4778 Broadway New York, NY 10034 0 0			
Transporter 1 Company Name 0 <i>Jerico 60 AX 913 D</i>		US EPA ID Number		Transporter's Phone		
Transporter 2 Company Name 0		US EPA ID Number		Transporter's Phone		
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013			US EPA ID Number		Facility's Phone 610-452-1011	
Shipping Name & Description of Materials				Containers No.	Total Quantity	
a VIP Site Specific Fill				1	Trk	
b						
Facility designated material designations: <u>Capital Development</u>						
Clean Fill(green)		A (white)	B (Black)	C (yellow)	D (blue)	E (red)
<u>Coplay Quarry</u>						
Clean Fill(green)		A (white)	B (Black)	C (yellow)	D (blue)	E (red)
Additional Description for Materials Listed Above:						
Site Specific Fill						
Special Handling Instructions & Additional Information: 0						
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous						
Print/Type Name <i>Angel Gonzalez</i>		Signature <i>Angel Gonzalez</i>		Date 1/5/23		
Transporter 1 Acknowledgement of Receipt of Materials						
Print/Type Name <i>John H</i>		Signature <i>John H</i>		Date 1/5/23		
Transporter 2 Acknowledgement of Receipt of Materials						
Print/Type Name		Signature		Date		
Discrepancy Indication Space:						
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.						
Print/Type Name		Signature <i>[Signature]</i>		Date 1/5/23		

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000132785

Date: 1/5/2023

Time: 09:42:23 - 09:42:37

Gross: 95620 LB In Scale 1  
Tare: 26700 LB P.T.  
Net: 68920 LB

Truck: JEN63

License: AS702T

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88519

Materials & Services

Quantity Unit

VIP D Per Ton

34.46 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>88519</b>
Generators Name and Mailing Address <b>M5778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034</b>		
Generators Phone: <b>0</b>		US EPA ID Number <b>0</b>		
Transporter 1 Company Name <b>0</b>		Transporter's Phone		
Transporter 2 Company Name <b>0</b>		US EPA ID Number		
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		Facility's Phone <b>610-452-1011</b>		
Shipping Name & Description of Materials		Containers	Total	Units
		No.	Quantity	Wt/Vol
a <b>VIP Site Specific Fill</b>		1	trk	
b				
Facility designated material designations:				
<b>Capital Development</b>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
<b>Coplay Quarry</b>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information:				
D				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Angel Gonzalez</b>		Signature <i>Angel Gonzalez</i>		Date <b>1/5/23</b>
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <b>William C.</b>		Signature <i>William C.</i>		Date <b>1/5/23</b>
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date <b>1/5/23</b>

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000132788

Date: 1/5/2023

Time: 09:58:50 - 09:59:06

Gross: 97420 LB In Scale 1  
Tare: 26720 LB P.T.  
Net: 70700 LB

Truck: JEN66

License: AX723C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88520

Materials & Services

Quantity Unit

VIP D Per Ton

35.35 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

<b>NON-HAZARDOUS MANIFEST</b>	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>88520</b>
Generators Name and Mailing Address <b>MS778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>		
Generators Phone: <b>0</b>				
Transporter 1 Company Name <b>JENAR TRUCKING</b>		US EPA ID Number <b>AX723C</b>	Transporter's Phone	
Transporter 2 Company Name <b>HGG</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a <b>VIP Site Specific Fill</b>		1	trk	
b				
Facility designated material designations: <u>Capital Development</u>		Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)		
<u>Coplay Quarry</u>		Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)		
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: <b>0</b>				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Angel Gonzalez</b>		Signature <i>Angel Gonzalez</i>		Date <b>11/5/23</b>
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
		<i>[Signature]</i>		<b>01-09-2023</b>
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature		Date
		<i>[Signature]</i>		<b>11/5/23</b>

ORIGINAL RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000132790

Date: 1/5/2023

Time: 10:03:02 - 10:03:17

Gross: 93380 LB In Scale 1  
Tare: 26400 LB P.T.  
Net: 66980 LB

Truck: JEN73

License: AX914D

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88521

Materials & Services

Quantity Unit

VIP D Per Ton

33.49 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>88521</b>	
Generators Name and Mailing Address <b>M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>			
Generators Phone: <b>0</b>					
Transporter 1 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone		
<i>Leocar Trucking AX9141</i>		<b>#23</b>			
		Transporter 2 Company Name <b>0</b>	US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>		
Shipping Name & Description of Materials		Containers		Units	
		No.	Type	Quantity	Wt/Vol
a <b>VIP Site Specific Fill</b>		<b>1</b>	<b>trk</b>		
b					
Facility designated material designations:					
<b>Capital Development</b>					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	<b>D (blue)</b>	E (red)
<b>Coplay Quarry</b>					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)	E (red)
Additional Description for Materials Listed Above:					
Site Specific Fill					
Special Handling Instructions & Additional Information:					
c					
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous					
Print/Type Name		Signature	Date		
<b>Angel Gonzalez</b>		<i>[Signature]</i>	<b>1/5/23</b>		
Transporter 1 Acknowledgement of Receipt of Materials					
Print/Type Name		Signature	Date		
<b>Leo Sepulveda</b>		<i>[Signature]</i>	<b>1-5-23</b>		
Transporter 2 Acknowledgement of Receipt of Materials					
Print/Type Name		Signature	Date		
Discrepancy Indication Space:					
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.					
Print/Type Name		Signature	Date		
		<i>[Signature]</i>	<b>1/5/23</b>		

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000132792

Date: 1/5/2023

Time: 10:09:01 - 10:09:18

Gross: 98920 LB In Scale 1  
Tare: 26200 LB P.T.  
Net: 72720 LB

Truck: JEN77

License: AW432C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88522

Materials & Services

Quantity Unit

VIP D Per Ton

36.36 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

<b>NON-HAZARDOUS MANIFEST</b>	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: <b>88522</b>
Generators Name and Mailing Address M5778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034 0 0		
Generators Phone: 0				
Transporter 1 Company Name 0 <i>Synco Trucking #77</i>		US EPA ID Number <i>AW432C</i>	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a <u>VIP Site Specific Fill</u>		1	trk	
b				
Facility designated material designations: <u>Capital Development</u>		Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)		
<u>Coplay Quarry</u>		Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)		
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <i>Angel Gonzalez</i>		Signature <i>Angel Gonzalez</i>		Date <i>1/5/23</i>
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <i>Jean A.</i>		Signature <i>Jean A.</i>		Date <i>1-5-23</i>
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date <i>1/5/23</i>

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000132801

Date: 1/5/2023

Time: 11:07:29 - 11:07:45

Gross: 97060 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 71860 LB

Truck: JEN76

License: AU854R

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94743

Materials & Services

Quantity Unit

VIP D Per Ton

35.93 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>94743</b>
Generators Name and Mailing Address <b>M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>		
Generators Phone: <b>516-821-2070</b>				
Transporter 1 Company Name <b>0 Sencor Hooking</b>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a <b>VIP Site Specific Fill</b>				
b		<b>1</b>	<b>trk</b>	
Facility designated material designations: <b>Capital Development</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<b>Coplay Quarry</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above: <b>AV854R #76</b>				
Site Specific Fill				
Special Handling Instructions & Additional Information: <b>0</b>				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Angel Gonzalez</b>		Signature <i>Angel Gonzalez</i>		Date <b>1/5/23</b>
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name		Signature		Date
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature		Date
Discrepancy Indication Space:		Signature <i>Edward Brown</i>		Date <b>1/5/23</b>
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above. Print/Type Name <b>0</b>		Signature <i>[Signature]</i>		Date <b>1/5/23</b>

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000132810

Date: 1/5/2023

Time: 11:23:05 - 11:23:17

Gross: 95540 LB In Scale 1  
Tare: 27500 LB P.T.  
Net: 68040 LB

Truck: JEN69

License: AS450Y

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94744

Materials & Services

Quantity Unit

VIP D Per Ton

34.02 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 94744
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY Generators Phone: 516-821-2070		Site Address 4778 Broadway New York, NY 10034 0 0		
Transporter 1 Company Name 0 <i>Jncar</i> <span style="border: 1px solid black; border-radius: 50%; padding: 5px; display: inline-block; text-align: center;">69</span>		US EPA ID Number	Transporter's Phone <i>AS450Y</i>	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a VIP Site Specific Fill		1	trk	
b				
Facility designated material designations: <u>Capital Development</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	<span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)
<u>Coplay Quarry</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue) E (red)
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <i>Angel Gonzalez</i>		Signature <i>Angel A. Gonzalez</i>		Date 4/5/23
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <i>Francisco</i>		Signature <i>F. Pineda</i>		Date 1-5-23
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date 1/5/23

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000132860  
Date: 1/5/2023  
Time: 13:03:50 - 13:04:05

Gross: 107380 LB In Scale 1  
Tare: 26720 LB P.T.  
Net: 80660 LB

Truck: JEN68  
Customer: ALL SUFFOLK MATERIALS CAP/All S  
Job: MSS22684 4778 Broadway  
Generator: MSS22684 4778 Broadway  
4778 Broadway  
New York NY

License: AX724C

Comment:

Manifest:94745

Materials & Services

Quantity Unit

---

VIP D Per Ton 40.33 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 94745
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY Generators Phone: 516-821-2070		Site Address 4778 Broadway New York, NY 10034 0 0		
Transporter 1 Company Name 0 <i>JENCAR</i>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials			Containers No. Type	Total Quantity
a VIP Site Specific Fill			1	trk
b				
Facility designated material designations: <u>Capital Development</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
<u>Coplay Quarry</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <i>Angel Gonzalez</i>		Signature <i>Angel Gonzalez</i>		Date 1/5/23
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <i>JULIO ESTERRELLA</i>		Signature <i>JAN</i>		Date 1/5/23
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date 1/5/23

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000132872

Date: 1/5/2023

Time: 13:44:29 - 13:44:47

Gross: 99220 LB In Scale 1  
Tare: 26720 LB P.T.  
Net: 72500 LB

Truck: JEN66

License: AX723C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94746

Materials & Services

Quantity Unit

VIP D Per Ton

36.25 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

<b>NON-HAZARDOUS MANIFEST</b>	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: <b>94746</b>
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY Generators Phone: 516-821-2070		Site Address 4778 Broadway New York, NY 10034 0 0		
Transporter 1 Company Name 0		US EPA ID Number AX723C	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a VIP Site Specific Fill		1	trk	
b				
Facility designated material designations: <u>Capital Development</u> Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red) <u>Coplay Quarry</u> Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Generator Print/Type Name <i>Angel Gonzalez</i>		Signature <i>[Signature]</i>		Date 1/9/23
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <i>[Signature]</i>		Signature <i>[Signature]</i>		Date 01-05-2023
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Facility Print/Type Name		Signature <i>[Signature]</i>		Date 1/9/23

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000132871

Date: 1/5/2023

Time: 13:42:15 - 13:42:30

Gross: 90900 LB In Scale 1  
Tare: 26400 LB P.T.  
Net: 64500 LB

Truck: JEN73

License: AX914D

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94747

Materials & Services

Quantity Unit

VIP D Per Ton

32.25 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

<b>NON-HAZARDOUS MANIFEST</b>	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 94747
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034 0 0		
Generators Phone: 516-821-2070				
Transporter 1 Company Name <i>Concar Trucking AX914D</i>		US EPA ID Number # 23	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials		Containers No.	Type	Total Quantity
a VIP Site Specific Fill		1	trk	
b				
Facility designated material designations: <u>Capital Development</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
<u>Coplay Quarry</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: c				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <i>Angel Gonzalez</i>		Signature <i>Angel Gonzalez</i>	Date 1/5/23	
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <i>Leo Sepulveda</i>		Signature <i>Leo Sepulveda</i>	Date 1-5-23	
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature	Date	
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>	Date 1/5/23	

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000132876  
Date: 1/5/2023  
Time: 14:08:07 - 14:08:22

Gross: 99120 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 73920 LB

Truck: JEN64  
Customer: ALL SUFFOLK MATERIALS CAP/All S  
Job: MSS22684 4778 Broadway  
Generator: MSS22684 4778 Broadway  
4778 Broadway  
New York NY

License: AS416T

Comment:

Manifest:94748

Materials & Services

Quantity Unit

VIP D Per Ton

36.96 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST		1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 94748	
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY Generators Phone: 516-821-2070			Site Address 4778 Broadway New York, NY 10034 0 0			
Transporter 1 Company Name 0 <i>Jeon or Trucking #64</i>			US EPA ID Number A54167	Transporter's Phone		
Transporter 2 Company Name 0			US EPA ID Number	Transporter's Phone		
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013			US EPA ID Number	Facility's Phone 610-452-1011		
Shipping Name & Description of Materials			Containers No.	Total Quantity	Units Wt/Vol	
a VIP Site Specific Fill			1	trk		
b						
Facility designated material designations: Capital Development						
Clean Fill(green)		A (white)	B (Black)	C (yellow)	D (blue)	E (red)
Coplay Quarry						
Clean Fill(green)		A (white)	B (Black)	C (yellow)	D (blue)	E (red)
Additional Description for Materials Listed Above:						
Site Specific Fill						
Special Handling Instructions & Additional Information: 0						
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous						
Print/Type Name <i>Angel Gonzalez</i>			Signature <i>Angel Gonzalez</i>		Date 1/5/23	
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <i>[Signature]</i>			Signature <i>[Signature]</i>		Date 1/5/23	
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name			Signature		Date	
Discrepancy Indication Space:						
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above. Print/Type Name			Signature <i>[Signature]</i>		Date 1/5/23	

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000132882

Date: 1/5/2023

Time: 14:22:00 - 14:22:39

Gross: 98060 LB In Scale 1  
Tare: 26700 LB P.T.  
Net: 71360 LB

Truck: JEN63

License: AS702T

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94749

Materials & Services

Quantity Unit

VIP D Per Ton

35.68 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>94749</b>
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY Generators Phone: 516-821-2070		Site Address 4778 Broadway New York, NY 10034 0 0		
Transporter 1 Company Name 0 <i>Sencal #63 AS 7027</i>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials		Containers		Total
		No.	Type	Quantity
a	VIP Site Specific Fill	1	trk	
b				
Facility designated material designations: <u>Capital Development</u>  Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<u>Coplay Quarry</u>  Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill:				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <i>Angel Gonzalez</i>		Signature <i>Angel Gonzalez</i>		Date <i>1/5/23</i>
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <i>William C.</i>		Signature <i>W.C.</i>		Date <i>1/5/23</i>
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date <i>1/5/23</i>

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000132885

Date: 1/5/2023

Time: 14:34:28 - 14:34:42

Gross: 87860 LB In Scale 1  
Tare: 26500 LB P.T.  
Net: 61360 LB

Truck: JEN62

License: AX780C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94750

Materials & Services

Quantity Unit

VIP D Per Ton

30.68 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 94750
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY Generators Phone: 516-821-2070		Site Address 4778 Broadway New York, NY 10034 0 0		
Transporter 1 Company Name 0 <i>JAN CAR # AX780C</i>		US EPA ID Number <i>AX780C</i>	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials			Containers No.	Total Quantity
a VIP Site Specific Fill			1	trk
b				
Facility designated material designations: <u>Capital Development</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
<u>Coplay Quarry</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <i>Angel Gonzalez</i>		Signature <i>Angel Gonzalez</i>		Date <i>1/5/23</i>
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <i>Serge Minchala</i>		Signature <i>Serge Minchala</i>		Date <i>1/5/23</i>
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date <i>1/5/23</i>

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000132888

Date: 1/5/2023

Time: 14:44:13 - 14:44:31

Gross: 96060 LB In Scale 1  
Tare: 26200 LB P.T.  
Net: 69860 LB

Truck: JEN77

License: AW432C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94751

Materials & Services

Quantity Unit

VIP D Per Ton

34.93 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No.	Project ID No.	Page #	Document Number:
	0	MSS22684	of	94751
Generators Name and Mailing Address		Site Address		
M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY Generators Phone: 516-821-2070		4778 Broadway New York, NY 10034 0 0		
Transporter 1 Company Name	US EPA ID Number	Transporter's Phone		
0 Jencor Trucking #77	AW432C			
Transporter 2 Company Name	US EPA ID Number	Transporter's Phone		
0				
Designated Facility Name & Site Address		US EPA ID Number	Facility's Phone	
VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013			610-452-1011	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a VIP Site Specific Fill				
b		1	trk	
Facility designated material designations:				
<u>Capital Development</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue) E (red)
<u>Coplay Quarry</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue) E (red)
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information:				
0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name		Signature	Date	
Angel Gonzalez		Angel Gonzalez	1/5/23	
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature	Date	
Jean-L...		Jean-L...	1-5-23	
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature	Date	
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature	Date	
			1/5/23	

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000132880

Date: 1/5/2023

Time: 14:18:40 - 14:19:08

Gross: 93820 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 68620 LB

Truck: JEN60

License: AX913D

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94755

Materials & Services

Quantity Unit

VIP D Per Ton

34.31 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST		1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 94755	
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY Generators Phone: 516-821-2070			Site Address 4778 Broadway New York, NY 10034 0 0			
Transporter 1 Company Name 0 <i>John 60 AX 915D</i>		US EPA ID Number		Transporter's Phone		
Transporter 2 Company Name 0		US EPA ID Number		Transporter's Phone		
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013			US EPA ID Number		Facility's Phone 610-452-1011	
Shipping Name & Description of Materials				Containers No.	Total Quantity	Units Wt/Vol
a VIP Site Specific Fill				1	trk	
b Facility designated material designations: <u>Capital Development</u>  Clean Fill(green)    A (white)    B (Black)    C (yellow) <u>D (blue)</u> E (red) <u>Coplay Quarry</u>  Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)						
c Additional Description for Materials Listed Above:						
Site Specific Fill						
Special Handling Instructions & Additional Information:						
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous						
Print/Type Name <i>Angel Gonzalez</i>			Signature <i>Angel Gonzalez</i>		Date 1/5/23	
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <i>John 1-1</i>			Signature <i>John 1-1</i>		Date 1/5/23	
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name			Signature		Date	
Discrepancy Indication Space:						
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above. Print/Type Name			Signature <i>[Signature]</i>		Date 1/5/23	

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000132977

Date: 1/6/2023

Time: 14:59:11 - 14:59:26

Gross: 80420 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 55220 LB

Truck: JEN64

License: AS416T

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94725

Materials & Services

Quantity Unit

VIP D Per Ton

27.61 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 94725
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY Generators Phone: 516-821-2070			Site Address 4778 Broadway New York, NY 10034 0 0	
Transporter 1 Company Name 0 <i>Jensen Trucking LLC</i>			US EPA ID Number <i>AS4167</i>	Transporter's Phone
Transporter 2 Company Name 0			US EPA ID Number	Transporter's Phone
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013			US EPA ID Number	Facility's Phone 610-452-1011
Shipping Name & Description of Materials			Containers No.	Total Quantity
a VIP Site Specific Fill			1	trk
b				
Facility designated material designations: <u>Capital Development</u> Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<u>Coplay Quarry</u> Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <i>Angel Gonzalez</i>			Signature <i>Angel Gonzalez</i>	Date 1/6/23
Transporter 1 Acknowledgement of Receipt of Materials			Signature	Date
Print/Type Name <i>...</i>			Signature	Date
Transporter 2 Acknowledgement of Receipt of Materials			Signature	Date
Print/Type Name			Signature	Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name			Signature <i>...</i>	Date 1/6/23

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000132973

Date: 1/6/2023

Time: 14:51:52 - 14:52:04

Gross: 88460 LB In Scale 1  
Tare: 28580 LB P.T.  
Net: 59880 LB

Truck: JEN71

License: AX781C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94726

Materials & Services

Quantity Unit

VIP D Per Ton

29.94 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 94726
Generators Name and Mailing Address M4778 Broadway LLC 15 Verben Ave Suite #200 Floral Park, NY Generators Phone: 516-821-2070		Site Address 4778 Broadway New York, NY 10034 0 0		
Transporter 1 Company Name 0 <i>JENCAH 71</i>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name 0 <i>AX7BIC</i>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials		Containers		Units
		No.	Type	Wt/Vol
a VIP Site Specific Fill		1	trk	
b Facility designated material designations: <u>Capital Development</u>  Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)  <u>Coplay Quarry</u>  Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
c Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information:				
d				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <i>Angel Gonzalez</i>		Signature <i>Angel Gonzalez</i>		Date 1/6/23
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <i>OSVALDO AGUIERO</i>		Signature <i>OSVALDO AGUIERO</i>		Date 1/6/23
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above. Print/Type Name		Signature <i>[Signature]</i>		Date 1/6/23

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000132974

Date: 1/6/2023

Time: 14:53:28 - 14:53:42

Gross: 91400 LB In Scale 1  
Tare: 26720 LB P.T.  
Net: 64680 LB

Truck: JEN66

License: AX723C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94727

Materials & Services

Quantity Unit

VIP D Per Ton

32.34 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
Northampton, PA 18067  
610-440-2301

NON-HAZARDOUS MANIFEST		1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 94727
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbera Ave Suite #200 Floral Park, NY Generators Phone: 516-821-2070			Site Address 4778 Broadway New York, NY 10034 0 0		
Transporter 1 Company Name 0			US EPA ID Number A1226	Transporter's Phone	
Transporter 2 Company Name 0			US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013			US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials			Containers No.	Total Quantity	Units Wt/Vol
a VIP Site Specific Fill			1	trk	
b					
Facility designated material designations: <u>Capital Development</u>  Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)					
<u>Coplay Quarry</u>  Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)					
Additional Description for Materials Listed Above:					
Site Specific Fill					
Special Handling Instructions & Additional Information: 0					
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous					
Print/Type Name Angel Gonzalez			Signature <i>Angel Gonzalez</i>		Date 1/6/23
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <i>Juan</i>			Signature <i>Juan</i>		Date 01-06-2023
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name			Signature		Date
Discrepancy Indication Space:					
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above. Print/Type Name			Signature <i>[Signature]</i>		Date 1/6/23

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000132968

Date: 1/6/2023

Time: 14:34:40 - 14:34:56

Gross: 94440 LB In Scale 1  
Tare: 26200 LB P.T.  
Net: 68240 LB

Truck: JEN77

License: AW432C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94728

Materials & Services

Quantity Unit

VIP D Per Ton

34.12 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST		1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 94728
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY Generators Phone: 516-821-2070			Site Address 4778 Broadway New York, NY 10034 0 0		
Transporter 1 Company Name 0 JENCAI TRUCKING #77		US EPA ID Number AW432C		Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number		Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013			US EPA ID Number		Facility's Phone 610-452-1011
Shipping Name & Description of Materials				Containers No.	Units
a VIP Site Specific Fill				1	trk
b					
Facility designated material designations:					
<u>Capital Development</u>					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)	E (red)
<u>Coplay Quarry</u>					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)	E (red)
Additional Description for Materials Listed Above:					
Site Specific Fill					
Special Handling Instructions & Additional Information: 0					
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous					
Print/Type Name Angel Gonzalez		Signature <i>Angel Gonzalez</i>		Date 1/6/23	
Transporter 1 Acknowledgement of Receipt of Materials					
Print/Type Name Jean H.		Signature <i>J. H.</i>		Date 1-6-23	
Transporter 2 Acknowledgement of Receipt of Materials					
Print/Type Name		Signature		Date	
Discrepancy Indication Space:					
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.					
Print/Type Name		Signature <i>[Signature]</i>		Date 1/6/23	

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000132908

Date: 1/6/2023

Time: 08:46:43 - 08:46:56

Gross: 95620 LB In Scale 1  
Tare: 28580 LB P.T.  
Net: 67040 LB

Truck: JEN71

License: AX781C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94729

Materials & Services

Quantity Unit

VIP D Per Ton

33.52 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: <b>94729</b>
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY Generators Phone: 516-821-2070		Site Address 4778 Broadway New York, NY 10034 0 0		
Transporter 1 Company Name 0 <b>JENIAR#71</b>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name 0 <b>AX781C</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a VIP Site Specific Fill				
b		1	Trk	
Facility designated material designations: <u>Capital Development</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
<u>Coplay Quarry</u>				E (red)
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
				E (red)
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Angel Gonzalez</b>		Signature <i>Angel Gonzalez</i>		Date 1/6/23
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <b>OSVALDO AGUIERO</b>		Signature <i>OSVALDO AGUIERO</i>		Date 1/6/23
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date 1/6/23

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000132909

Date: 1/6/2023

Time: 08:55:20 - 08:55:36

Gross: 100960 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 75760 LB

Truck: JEN64

License: AS416T

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94730

Materials & Services

Quantity Unit

VIP D Per Ton

37.88 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 94730
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY Generators Phone: 516-821-2070		Site Address 4778 Broadway New York, NY 10034 0 0		
Transporter 1 Company Name 0 <i>Angel Trucking # 69</i>		US EPA ID Number MS4167	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials				
			Containers	Total
			No.	Quantity
			Type	Units
			1	trk
a VIP Site Specific Fill b Facility designated material designations: Capital Development  Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)  Coplay Quarry  Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <i>Angel Gonzalez</i>		Signature <i>Angel Gonzalez</i>		Date 1/6/23
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <i>Robert Smith</i>		Signature <i>Robert Smith</i>		Date
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature		Date 1/6/23

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000132911  
Date: 1/6/2023  
Time: 09:15:02 - 09:15:19

Gross: 104060 LB In Scale 1  
Tare: 26720 LB P.T.  
Net: 77340 LB

Truck: JEN68  
Customer: ALL SUFFOLK MATERIALS CAP/All S  
Job: MSS22684 4778 Broadway  
Generator: MSS22684 4778 Broadway  
4778 Broadway  
New York NY

License: AX724C

Comment:

Manifest:94731

Materials & Services

Quantity Unit

---

VIP D Per Ton 38.67 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 94731
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY Generators Phone: 516-821-2070		Site Address 4778 Broadway New York, NY 10034 0 0		
Transporter 1 Company Name 0 <i>JENCAR</i>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a VIP Site Specific Fill		1	trk	
b Facility designated material designations: <u>Capital Development</u>  Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)  <u>Coplay Quarry</u>  Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <i>David Gonzalez</i>		Signature <i>David Gonzalez</i>		Date 1/6/23
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <i>JULIO ESTERON</i>		Signature <i>JAN</i>		Date 1/6/23
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date 1/6/23

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000132912

Date: 1/6/2023

Time: 09:17:21 - 09:17:34

Gross: 92400 LB In Scale 1  
Tare: 26500 LB P.T.  
Net: 65900 LB

Truck: JEN67

License: AW847H

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94732

Materials & Services

Quantity Unit

VIP D Per Ton

32.95 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>94732</b>
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY Generators Phone: 516-821-2070		Site Address 4778 Broadway New York, NY 10034 0 0		
Transporter 1 Company Name 0		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a VIP Site Specific Fill		1	trk	
b				
Facility designated material designations: <u>Capital Development</u> Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red) <u>Coplay Quarry</u> Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information:				
c				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <i>Annel Gonzalez</i>		Signature <i>Annel Gonzalez</i>	Date 1/6/23	
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <i>Franklin</i>		Signature <i>Franklin</i>	Date 1-6-23	
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature	Date	
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>	Date 1/6/23	

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000132915

Date: 1/6/2023

Time: 09:37:57 - 09:38:11

Gross: 98900 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 73700 LB

Truck: JEN76

License: AU854R

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94733

Materials & Services

Quantity Unit

VIP D Per Ton

36.85 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

<b>NON-HAZARDOUS MANIFEST</b>	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: <b>94733</b>
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY Generators Phone: 516-821-2070			Site Address 4778 Broadway New York, NY 10034 0 0	
Transporter 1 Company Name 0 <i>Sencal Trucking</i>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials			Containers No.	Total Quantity
a VIP Site Specific Fill			1	1
b			Trk	
Facility designated material designations: <u>Capital Development</u> Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red) <i>AV85UR H76</i> <u>Coplay Quarry</u> Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <i>Angel Gonzalez</i>		Signature <i>Angel Gonzalez</i>		Date 11/6/23
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <i>Edward Brog</i>		Signature <i>Edward Brog</i>		Date 11/6/23
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name <i>Edward Brog</i>		Signature <i>Edward Brog</i>		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date 11/6/23

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000132918

Date: 1/6/2023

Time: 09:43:12 - 09:43:28

Gross: 88480 LB In Scale 1  
Tare: 26500 LB P.T.  
Net: 61980 LB

Truck: JEN62

License: AX780C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94734

Materials & Services

Quantity Unit

VIP D Per Ton

30.99 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: <b>94734</b>
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY Generators Phone: 516-821-2070		Site Address 4778 Broadway New York, NY 10034 0 0		
Transporter 1 Company Name 0	JAN CAR Touchin		US EPA ID Number AX-7808	Transporter's Phone
Transporter 2 Company Name 0			US EPA ID Number	Transporter's Phone
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials			Containers No.	Total Quantity
a VIP Site Specific Fill			1	trk
b				
Facility designated material designations: <u>Capital Development</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
<u>Coplay Quarry</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information:				
c				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name Angel Gonzalez		Signature <i>[Signature]</i>		Date 1/6/23
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name George Minicello		Signature <i>[Signature]</i>		Date 1/6/23
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date 1/6/23

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000132919

Date: 1/6/2023

Time: 09:45:24 - 09:45:52

Gross: 97740 LB In Scale 1  
Tare: 26720 LB P.T.  
Net: 71020 LB

Truck: JEN66

License: AX723C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94735

Materials & Services

Quantity Unit

VIP D Per Ton

35.51 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 94735
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY Generators Phone: 516-821-2070		Site Address 4778 Broadway New York, NY 10034 0 0		
Transporter 1 Company Name 0		US EPA ID Number AX723C	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials a VIP Site Specific Fill		Containers		Total
		No.	Type	Quantity
b		1	Trk	
Facility designated material designations: <u>Capital Development</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
<u>Coplay Quarry</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
Additional Description for Materials Listed Above: Site Specific Fill				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name Angel Gonzalez		Signature <i>Angel Gonzalez</i>		Date 1/6/23
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name John Carter		Signature <i>John Carter</i>		Date 01-06-2023
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above				
Print/Type Name		Signature <i>[Signature]</i>		Date 1/6/23

GENERATOR  
 TRANSPORTER  
 FACILITY

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000132920

Date: 1/6/2023

Time: 09:50:11 - 09:50:28

Gross: 91520 LB In Scale 1  
Tare: 27500 LB P.T.  
Net: 64020 LB

Truck: JEN69

License: AS450Y

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94736

Materials & Services

Quantity Unit

VIP D Per Ton

32.01 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 94736
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY Generators Phone: 516-821-2070		Site Address 4778 Broadway New York, NY 10034 0 0		
Transporter 1 Company Name 0		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials		Containers No.	Type	Total Quantity
a VIP Site Specific Fill		1	trk	
b				
Facility designated material designations: Capital Development				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
Coplay Quarry				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information:				
0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name Angel Granter		Signature	Date	
Transporter 1 Acknowledgement of Receipt of Materials		Signature		Date
Print/Type Name Francisco		Signature		Date
Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature	Date	

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000132924

Date: 1/6/2023

Time: 10:03:11 - 10:03:25

Gross: 91020 LB In Scale 1  
Tare: 26400 LB P.T.  
Net: 64620 LB

Truck: JEN73

License: AX914D

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94737

Materials & Services

Quantity Unit

VIP D Per Ton

32.31 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: <b>94737</b>		
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY Generators Phone: 516-821-2070		Site Address 4778 Broadway New York, NY 10034 0 0				
Transporter 1 Company Name 0 <i>Jencar Trucking AX91AD</i>		US EPA ID Number <i># 93</i>	Transporter's Phone			
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone			
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011			
Shipping Name & Description of Materials				Containers No. Type Total Quantity Units Wt/Vol		
a VIP Site Specific Fill				1 trk		
b						
Facility designated material designations: <u>Capital Development</u>						
Clean Fill(green)		A (white)	B (Black)	C (yellow)	D (blue)	E (red)
<u>Coplay Quarry</u>						
Clean Fill(green)		A (white)	B (Black)	C (yellow)	D (blue)	E (red)
Additional Description for Materials Listed Above:						
Site Specific Fill						
Special Handling Instructions & Additional Information: 0						
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous						
Print/Type Name <i>Aniel Gonzalez</i>		Signature <i>Aniel Gonzalez</i>		Date <i>1/6/23</i>		
Transporter 1 Acknowledgement of Receipt of Materials						
Print/Type Name <i>Leo Sepulveda</i>		Signature <i>Leo Sepulveda</i>		Date <i>1-6-23</i>		
Transporter 2 Acknowledgement of Receipt of Materials						
Print/Type Name		Signature		Date		
Discrepancy Indication Space:						
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.						
Print/Type Name		Signature <i>[Signature]</i>		Date <i>1/6/23</i>		

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000132936

Date: 1/6/2023

Time: 11:15:43 - 11:16:05

Gross: 88860 LB In Scale 1  
Tare: 26200 LB P.T.  
Net: 62660 LB

Truck: JEN77

License: AW432C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94738

Materials & Services

Quantity Unit

VIP D Per Ton

31.33 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST		1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 94738
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY Generators Phone: 516-821-2070			Site Address 4778 Broadway New York, NY 10034 0 0		
Transporter 1 Company Name 0 Linear Trucking #77		US EPA ID Number AW432C	Transporter's Phone		
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone		
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011		
Shipping Name & Description of Materials				Containers No.	Units Wt/Vol
a VIP Site Specific Fill				1	trk
b					
Facility designated material designations: Capital Development					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)	E (red)
Coplay Quarry					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)	E (red)
Additional Description for Materials Listed Above: Site Specific Fill					
Special Handling Instructions & Additional Information: c					
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous					
Print/Type Name Angel Gonzalez		Signature <i>Angel Gonzalez</i>		Date 1/6/23	
Transporter 1 Acknowledgement of Receipt of Materials					
Print/Type Name Leah A.		Signature <i>Leah A.</i>		Date 1-6-23	
Transporter 2 Acknowledgement of Receipt of Materials					
Print/Type Name		Signature		Date	
Discrepancy Indication Space:					
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above:					
Print/Type Name		Signature <i>[Signature]</i>		Date 1/6/23	

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000132952  
Date: 1/6/2023  
Time: 12:57:32 - 12:58:06

Gross: 90520 LB In Scale 1  
Tare: 26700 LB P.T.  
Net: 63820 LB

Truck: JEN63  
Customer: ALL SUFFOLK MATERIALS CAP/All S  
Job: MSS22684 4778 Broadway  
Generator: MSS22684 4778 Broadway  
4778 Broadway  
New York NY

License: AS702T

Comment:

Manifest:94739

Materials & Services

Quantity Unit

VIP D Per Ton

31.91 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 94739	
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY Generators Phone: 516-821-2070		Site Address 4778 Broadway New York, NY 10034 0 0			
Transporter 1 Company Name 0 <i>Tencal #63 AS 7027</i>		US EPA ID Number	Transporter's Phone		
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone		
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011		
Shipping Name & Description of Materials a VIP Site Specific Fill b		Containers		Units	
		No.	Type	Quantity	Wt/Vol
		1	trk		
Facility designated material designations: <u>Capital Development</u> Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red) <u>Coplay Quarry</u> Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)					
Additional Description for Materials Listed Above: Site Specific Fill					
Special Handling Instructions & Additional Information: 0					
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous					
Print/Type Name <i>Arnel Gonzalez</i>		Signature <i>Arnel Gonzalez</i>		Date 1/6/23	
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <i>William C.</i>		Signature <i>W.C.</i>		Date 1/6/23	
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature		Date	
Discrepancy Indication Space:					
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above. Print/Type Name					
		Signature <i>[Signature]</i>		Date 1/6/23	

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000132956

Date: 1/6/2023

Time: 13:07:29 - 13:07:43

Gross: 87580 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 62380 LB

Truck: JEN60

License: AX913D

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94740

Materials & Services

Quantity Unit

VIP D Per Ton

31.19 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 94740
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY Generators Phone: 516-821-2070		Site Address 4778 Broadway New York, NY 10034 0 0		
Transporter 1 Company Name 0 <i>Jenex 60 AX 913 P</i>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials a VIP Site Specific Fill		Containers No.	Total Quantity	Units Wt/Vol
		b 1	trk	
Facility designated material designations: <u>Capital Development</u>  Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<u>Coplay Quarry</u>  Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:  <u>Site Specific Fill</u>				
Special Handling Instructions & Additional Information:  0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <i>Angel Gonzalez</i>		Signature <i>Angel Gonzalez</i>		Date 1/6/23
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <i>John H</i>		Signature <i>John H</i>		Date 1/6/23
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date 1/6/23

GENERATOR

TRANSPORTER

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000132965

Date: 1/6/2023

Time: 14:02:28 - 14:03:10

Gross: 99340 LB In Scale 1  
Tare: 26720 LB P.T.  
Net: 72620 LB

Truck: JEN68

License: AX724C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94741

Materials & Services

Quantity Unit

VIP D Per Ton

36.31 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
Northampton, PA 18067  
610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 94741
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY Generators Phone: 516-821-2070		Site Address 4778 Broadway New York, NY 10034 0 0		
Transporter 1 Company Name 0 <i>JENCAR</i>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials		Containers	Total	Units
		No.	Type	Quantity
a VIP Site Specific Fill		1	trk	
b				
Facility designated material designations:				
<u>Capital Development</u>				
Clean Fill(green)		A (white)	B (Black)	C (yellow)
				D (blue)
				E (red)
<u>Coplay Quarry</u>				
Clean Fill(green)		A (white)	B (Black)	C (yellow)
				D (blue)
				E (red)
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information:				
c				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name		Signature		Date
<i>Anael Gonzalez</i>		<i>Anael Gonzalez</i>		1/6/23
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
<i>JULIO ESTEBAN</i>		<i>JULIO</i>		1/6/23
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature		Date
		<i>[Signature]</i>		1/6/23

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000133082

Date: 1/9/2023

Time: 15:58:50 - 15:59:06

Gross: 96580 LB In Scale 1  
Tare: 26400 LB P.T.  
Net: 70180 LB

Truck: JEN73

License: AX914D

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88526

Materials & Services

Quantity Unit

VIP D Per Ton

35.09 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>88526</b>
Generators Name and Mailing Address <b>MS778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>		
Generators Phone: <b>0</b>				
Transporter 1 Company Name <b>Jencar Trucking AZ914D</b>		US EPA ID Number <b>7733</b>	Transporter's Phone	
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials		Containers		Total
		No.	Type	Quantity
a <b>VIP Site Specific Fill</b>		1	trk	
b				
Facility designated material designations: <b>Capital Development</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<b>Coplay Quarry</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling instructions & Additional Information:				
c				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Angel Gonzalez</b>		Signature <i>Angel Gonzalez</i>		Date <b>1/9/23</b>
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <b>Leo Sepulveda</b>		Signature <i>Leo Sepulveda</i>		Date <b>1-9-23</b>
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date <b>1/9/22</b>

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000133077

Date: 1/9/2023

Time: 15:39:57 - 15:40:12

Gross: 93620 LB In Scale 1  
Tare: 26720 LB P.T.  
Net: 66900 LB

Truck: JEN66

License: AX723C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88527

Materials & Services

Quantity Unit

VIP D Per Ton

33.45 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 88527	
Generators Name and Mailing Address MS778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034 0 0			
Generators Phone: 0					
Transporter 1 Company Name 0		US EPA ID Number VX723C	Transporter's Phone		
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone		
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011		
Shipping Name & Description of Materials		Containers		Units	
		No.	Type	Wt/Vol	
a VIP Site Specific Fill		1	trk		
b					
Facility designated material designations: <u>Capital Development</u>					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	<input checked="" type="checkbox"/> D (blue)	E (red)
<u>Coplay Quarry</u>					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)	E (red)
Additional Description for Materials Listed Above:					
Site Specific Fill					
Special Handling Instructions & Additional Information: 0					
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous					
Print/Type Name Angel Gonzalez		Signature <i>[Signature]</i>		Date 1/9/23	
Transporter 1 Acknowledgement of Receipt of Materials					
Print/Type Name <i>[Signature]</i>		Signature <i>[Signature]</i>		Date 01-09-2023	
Transporter 2 Acknowledgement of Receipt of Materials					
Print/Type Name		Signature		Date	
Discrepancy Indication Space:					
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.					
Print/Type Name		Signature <i>[Signature]</i>		Date 1/9/23	

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000133073

Date: 1/9/2023

Time: 15:17:55 - 15:18:10

Gross: 101180 LB In Scale 1  
Tare: 26720 LB P.T.  
Net: 74460 LB

Truck: JEN68

License: AX724C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88528

Materials & Services

Quantity Unit

VIP D Per Ton

37.23 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 88528	
Generators Name and Mailing Address M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034			
Generators Phone: 0		0			
Transporter 1 Company Name 0 JENCAR TRUCK		US EPA ID Number	Transporter's Phone		
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone		
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011		
Shipping Name & Description of Materials a VIP Site Specific Fill			Containers No.	Total Quantity	Units Wt/Vol
			1	trk	
b Facility designated material designations: <u>Capital Development</u>					
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)					
<u>Coplay Quarry</u>					
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)					
Additional Description for Materials Listed Above: Site Specific Fill					
Special Handling Instructions & Additional Information: 0					
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous					
Print/Type Name Angel Gonzalez		Signature <i>Angel Gonzalez</i>		Date 11/9/23	
Transporter 1 Acknowledgement of Receipt of Materials					
Print/Type Name JULIO		Signature <i>JAN</i>		Date 11/9/23	
Transporter 2 Acknowledgement of Receipt of Materials					
Print/Type Name		Signature		Date	
Discrepancy Indication Space:					
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.					
Print/Type Name		Signature <i>[Signature]</i>		Date 11/9/23	

ORIGINAL RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000133014

Date: 1/9/2023

Time: 10:19:46 - 10:20:02

Gross: 99820 LB In Scale 1  
Tare: 26720 LB P.T.  
Net: 73100 LB

Truck: JEN68

License: AX724C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88529

Materials & Services

Quantity Unit

VIP D Per Ton

36.55 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>88529</b>
Generators Name and Mailing Address <b>M5778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034</b>		
Generators Phone: <b>0</b>		US EPA ID Number <b>0</b>		
Transporter 1 Company Name <b>JENKAR</b>		Transporter's Phone <b>0</b>		
Transporter 2 Company Name <b>0</b>		US EPA ID Number <b>0</b>		
Transporter's Phone <b>0</b>		Facility's Phone <b>610-452-1011</b>		
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number <b>0</b>		
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a <b>VIP Site Specific Fill</b>		1	Erk	
b				
Facility designated material designations: <b>Capital Development</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <b>D (blue)</b> E (red)				
<b>Coplay Quarry</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information:				
c				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Angel Computer</b>		Signature <i>Angel</i>		Date <b>1/9/23</b>
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <b>JULIO ECHIBURY</b>		Signature <b>JAN</b>		Date <b>1/9/23</b>
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date <b>1/9/23</b>

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000133008

Date: 1/9/2023

Time: 09:42:32 - 09:42:47

Gross: 91020 LB In Scale 1  
Tare: 26400 LB P.T.  
Net: 64620 LB

Truck: JEN73

License: AX914D

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88530

Materials & Services

Quantity Unit

VIP D Per Ton

32.31 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>88530</b>
Generators Name and Mailing Address <b>MS778 Broadway LLC 15 Verba Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>		
Generators Phone: <b>0</b>				
Transporter 1 Company Name <b>0</b> <i>Jencor Trucking AX914D</i>		US EPA ID Number <b>#73</b>	Transporter's Phone	
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials			Containers	Total
			No. Type	Quantity
a	<b>VIP Site Specific Fill</b>		1	rk
b				
Facility designated material designations: <b>Capital Development</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<b>Coplay Quarry</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: <b>0</b>				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <i>Angel Gonzalez</i>		Signature <i>[Signature]</i>		Date <b>1/9/23</b>
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <i>Leo Sepulveda</i>		Signature <i>[Signature]</i>		Date <b>1-9-23</b>
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date <b>1/9/23</b>

ORIGINAL RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000133001

Date: 1/9/2023

Time: 09:22:40 - 09:22:56

Gross: 94680 LB In Scale 1  
Tare: 26720 LB P.T.  
Net: 67960 LB

Truck: JEN66

License: AX723C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88531

Materials & Services

Quantity Unit

VIP D Per Ton

33.98 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 88531
Generators Name and Mailing Address M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034		
Generators Phone: 0		0		
Transporter 1 Company Name JENCO TRUCKING		US EPA ID Number AX7231	Transporter's Phone	
Transporter 2 Company Name #66		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials				Containers No. Type
a VIP Site Specific Fill				1 trk
b				
Facility designated material designations:				
<u>Capital Development</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
<u>Coplay Quarry</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling instructions & Additional Information:				
d				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name GREG STYPLKOWSKI 601 Cont.		Signature 		Date 1/9/2023
Transporter 1 Acknowledgement of Receipt of Materials		Signature 		Date 01.09.2023
Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature 		Date 1/9/23

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000133111  
Date: 1/10/2023  
Time: 08:57:48 - 08:58:08

Gross: 100480 LB In Scale 1  
Tare: 26720 LB P.T.  
Net: 73760 LB

Truck: JEN68  
Customer: ALL SUFFOLK MATERIALS CAP/All S  
Job: MSS22684 4778 Broadway  
Generator: MSS22684 4778 Broadway  
4778 Broadway  
New York NY

License: AX724C

Comment:

Manifest:88532

Materials & Services

Quantity Unit

VIP D Per Ton

36.88 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 88532
Generators Name and Mailing Address MS778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034		
Generators Phone: 0		0		
Transporter 1 Company Name 0 <b>JENCON TRUCK</b>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a VIP Site Specific Fill		1	trk	
b				
Facility designated material designations: <u>Capital Development</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	<input checked="" type="checkbox"/> D (blue)
<u>Coplay Quarry</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>GREG STYRUCKOWSKI</b>		Signature <i>[Signature]</i>		Date 1/10/23
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <b>JULEO ETHEVEDY</b>		Signature <b>JAN</b>		Date 1/10/23
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date 1/10/23

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000133114

Date: 1/10/2023

Time: 09:13:40 - 09:14:18

Gross: 95820 LB In Scale 1  
Tare: 26500 LB P.T.  
Net: 69320 LB

Truck: JEN62

License: AX780C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88533

Materials & Services

Quantity Unit

VIP D Per Ton

34.66 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 88533
Generators Name and Mailing Address M5778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034		
Generators Phone: 0		0		
Transporter 1 Company Name JENCO H62 1477805		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone: 610-452-1011	
Shipping Name & Description of Materials		Containers		Units
		No.	Type	Total Quantity
a VIP Site Specific Fill		1	trk	
b				
Facility designated material designations:				
<u>Capital Development</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	<span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)
<u>Coplay Quarry</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue) E (red)
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information:				
0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name		Signature	Date	
EPA F. PULFORD		<i>[Signature]</i>	1/14/2008	
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature	Date	
G. Williams		<i>[Signature]</i>	1/10/2008	
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature	Date	
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature	Date	
		<i>[Signature]</i>	1/10/2008	

GENERATOR

TRANSPORTER

FACILITY COPY

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000133116  
Date: 1/10/2023  
Time: 09:23:25 - 09:23:38

Gross: 100680 LB In Scale 1  
Tare: 26720 LB P.T.  
Net: 73960 LB

Truck: JEN66  
Customer: ALL SUFFOLK MATERIALS CAP/All S  
Job: MSS22684 4778 Broadway  
Generator: MSS22684 4778 Broadway  
4778 Broadway  
New York NY

License: AX723C

Comment:

Manifest:88534

Materials & Services

Quantity Unit

---

VIP D Per Ton 36.98 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>88534</b>
Generators Name and Mailing Address <b>M5778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>		
Generators Phone: <b>0</b>		Transporter's Phone		
Transporter 1 Company Name <b>JENOR TRUCKING</b>		US EPA ID Number <b>AX723C</b>	Transporter's Phone	
Transporter 2 Company Name <b>#66</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials				Containers No. Type Total Quantity Units Wt/Vol
a <b>VIP Site Specific Fill</b>				1 trk
b				
Facility designated material designations:				
<b>Capital Development</b>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
<b>Coplay Quarry</b>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information:				
D				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name		Signature		Date
<b>GREG GUTWIKOWSKI ENL Contr</b>				<b>11/10/2023</b>
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
<b>J. Cort</b>				<b>01/10/2023</b>
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature		Date
				<b>11/10/23</b>

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000133163

Date: 1/10/2023

Time: 13:57:15 - 13:57:37

Gross: 97200 LB In Scale 1  
Tare: 26720 LB P.T.  
Net: 70480 LB

Truck: JEN68

License: AX724C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88535

Materials & Services

Quantity Unit

VIP D Per Ton

35.24 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 88535
Generators Name and Mailing Address MS778 Broadway LLC 15 Verba Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034		
Generators Phone: 0		0 0		
Transporter 1 Company Name 0 JENCAR TR		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials			Containers No.	Total Quantity
a VIP Site Specific Fill			1	trk
b				
Facility designated material designations: Capital Development				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
Coplay Quarry				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name GREG STYPUKOWSKI GSI Corp		Signature <i>[Signature]</i>		Date 1/10/23
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name JULIO ESTEVAN		Signature JAN		Date 1/10/23
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above				
Print/Type Name		Signature <i>[Signature]</i>		Date 1/10/23

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000133164

Date: 1/10/2023

Time: 14:13:12 - 14:13:28

Gross: 97920 LB In Scale 1  
Tare: 26500 LB P.T.  
Net: 71420 LB

Truck: JEN62

License: AX780C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88536

Materials & Services

Quantity Unit

VIP D Per Ton

35.71 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 88536																	
Generators Name and Mailing Address M5778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034																			
Generators Phone: 0		0																			
Transporter 1 Company Name 0 JONCON #62 AX780C		US EPA ID Number	Transporter's Phone																		
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone																		
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011																		
Shipping Name & Description of Materials		<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2"></th> <th colspan="2">Containers</th> <th rowspan="2">Total Quantity</th> <th rowspan="2">Units Wt/Vol</th> </tr> <tr> <th>No.</th> <th>Type</th> </tr> </thead> <tbody> <tr> <td>a VIP Site Specific Fill</td> <td>1</td> <td>trk</td> <td></td> <td></td> </tr> <tr> <td>b</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				Containers		Total Quantity	Units Wt/Vol	No.	Type	a VIP Site Specific Fill	1	trk			b				
	Containers		Total Quantity	Units Wt/Vol																	
	No.	Type																			
a VIP Site Specific Fill	1	trk																			
b																					
Facility designated material designations: <u>Capital Development</u>  Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)																					
<u>Coplay Quarry</u>  Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)																					
Additional Description for Materials Listed Above: Site Specific Fill																					
Special Handling Instructions & Additional Information: 0																					
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous																					
Print/Type Name Angel Gonzalez		Signature 		Date 1/10/23																	
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name Guillermo B.		Signature 		Date 1-10-23																	
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature		Date																	
Discrepancy Indication Space:																					
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.																					
Print/Type Name		Signature 		Date 1/10/23																	

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000133172

Date: 1/10/2023

Time: 15:09:09 - 15:09:23

Gross: 98060 LB In Scale 1  
Tare: 26720 LB P.T.  
Net: 71340 LB

Truck: JEN66

License: AX723C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88537

Materials & Services

Quantity Unit

VIP D Per Ton

35.67 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 88537
Generators Name and Mailing Address M5778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034		
Generators Phone: 0		0		
Transporter 1 Company Name 0		US EPA ID Number AX123	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials			Containers No. Type	Total Quantity
a VIP Site Specific Fill			1	trk
b				
Facility designated material designations: <u>Capital Development</u>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<u>Coplay Quarry</u>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name Angel Gonzalez		Signature <i>Angel Gonzalez</i>		Date 1/10/23
Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>[Signature]</i>		Date 01-10-2023
Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date 1/10/23

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000134276

Date: 1/23/2023

Time: 10:22:46 - 10:23:34

Gross: 96660 LB In Scale 1  
Tare: 26500 LB P.T.  
Net: 70160 LB

Truck: JEN62

License: AX780C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88538

Materials & Services

Quantity Unit

VIP D Per Ton

35.08 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

<b>NON-HAZARDOUS MANIFEST</b>	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: <b>88538</b>	
Generators Name and Mailing Address M5778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034			
Generators Phone: 0		0			
Transporter 1 Company Name 0 <b>JOUCON #62 AX780C</b>		US EPA ID Number	Transporter's Phone		
Transporter 2 Company Name		US EPA ID Number	Transporter's Phone		
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011		
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol	
a <u>VIP Site Specific Fill</u>		1	Trk		
b					
Facility designated material designations: <u>Capital Development</u>					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	<span style="border: 1px solid black; padding: 2px;">D (blue)</span>	E (red)
<u>Coplay Quarry</u>					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)	E (red)
Additional Description for Materials Listed Above: Site Specific Fill					
Special Handling Instructions & Additional Information: 0					
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous					
Print/Type Name <b>Greg G. Villalobos</b>		Signature 	Date <b>1/23/23</b>		
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <b>Guillermo B.</b>		Signature 	Date <b>1-23-23</b>		
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature	Date		
Discrepancy Indication Space:					
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above. Print/Type Name		Signature 	Date <b>1/23/23</b>		

ORIGINAL RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000134265

Date: 1/23/2023

Time: 09:40:41 - 09:40:56

Gross: 95360 LB In Scale 1  
Tare: 27500 LB P.T.  
Net: 67860 LB

Truck: JEN69

License: AS450Y

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88539

Materials & Services

Quantity Unit

VIP D Per Ton

33.93 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>88539</b>
Generators Name and Mailing Address <b>M5778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>478 Broadway New York, NY 10034 0 0</b>		
Generators Phone: <b>0</b>				
Transporter 1 Company Name <b>Jencor</b>		US EPA ID Number <b>0</b>	Transporter's Phone <b>354507</b>	
Transporter 2 Company Name <b>0</b>		US EPA ID Number <b>0</b>	Transporter's Phone <b>0</b>	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number <b>0</b>	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials <b>a VIP Site Specific Fill</b>		Containers	Total	Units
		No.	Quantity	Wt/Vol
<b>b</b>		<b>1</b>	<b>Trk</b>	
Facility designated material designations: <b>Capital Development</b>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	<b>D (blue)</b>
<b>Coplay Quarry</b>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
Additional Description for Materials Listed Above: <b>Site Specific Fill</b>				
Special Handling Instructions & Additional Information: <b>0</b>				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Greg Stankowski</b>		Signature <i>[Signature]</i>		Date <b>1/23/23</b>
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <b>Francisco</b>		Signature <i>[Signature]</i>		Date <b>1-23-23</b>
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date <b>1/23/23</b>

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000134260

Date: 1/23/2023

Time: 09:22:30 - 09:22:45

Gross: 94960 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 69760 LB

Truck: JEN60

License: AX913D

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88556

Materials & Services

Quantity Unit

VIP D Per Ton

34.88 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 88556
Generators Name and Mailing Address M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY Generators Phone: 0		Site Address 4778 Broadway New York, NY 10034 0 0		
Transporter 1 Company Name 0 <i>NEW CAR # 60 DX 913 0</i>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials			Containers No.	Total Quantity
a VIP Site Specific Fill			1	trk
b				
Facility designated material designations: <u>Capital Development</u>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<u>Coplay Quarry</u>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above: Site Specific Fill				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <i>GREG STYPUKOWSKI</i>		Signature <i>[Signature]</i>		Date <i>1/23/23</i>
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <i>ANTHONY</i>		Signature <i>[Signature]</i>		Date <i>1-23-23</i>
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature		Date <i>1/23/23</i>

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000134262

Date: 1/23/2023

Time: 09:31:24 - 09:31:45

Gross: 99280 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 74080 LB

Truck: JEN76

License: AU854R

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88557

Materials & Services

Quantity Unit

VIP D Per Ton

37.04 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 88557
Generators Name and Mailing Address M5778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034		
Generators Phone: 0		0		
Transporter 1 Company Name 0 Jencar Trucking		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials a VIP Site Specific Fill		Containers No.	Total Quantity	Units Wt/Vol
		b	1	trk
Facility designated material designations: Capital Development <span style="font-size: 1.5em; margin-left: 100px;">AU85412</span> <span style="font-size: 1.5em; margin-left: 20px;"># 76</span>  Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)  Coplay Quarry  Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name CREG STYLUKOWICZ 001 Contractor		Signature	Date 1/23/23	
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name Edward Bonetas		Signature	Date 1/23/23	
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name Edward Bonetas		Signature	Date 1/23/23	
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature	Date 1/23/23	

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000134269  
Date: 1/23/2023  
Time: 09:49:44 - 09:50:02

Gross: 91180 LB In Scale 1  
Tare: 26700 LB P.T.  
Net: 64480 LB

Truck: JEN63  
Customer: ALL SUFFOLK MATERIALS CAP/All S  
Job: MSS22684 4778 Broadway  
Generator: MSS22684 4778 Broadway  
4778 Broadway  
New York NY

License: AS702T

Comment:

Manifest:94605

Materials & Services

Quantity Unit

VIP D Per Ton

32.24 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 94605
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034		
Generators Phone: 0		0		
Transporter 1 Company Name 0 <i>Cancel #63 AS702T</i>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a VIP Site Specific Fill		1	trk	
b				
Facility designated material designations: <u>Capital Development</u> Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red) <u>Coplay Quarry</u> Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information:				
c				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <i>Angel Gonzalez</i>		Signature <i>Angel Gonzalez</i>	Date 1/23/23	
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <i>William C.</i>		Signature <i>William C.</i>	Date 1/23/23	
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature	Date	
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above: Print/Type Name		Signature <i>[Signature]</i>	Date 1/23/23	

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000134329

Date: 1/23/2023

Time: 13:11:13 - 13:11:27

Gross: 97900 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 72700 LB

Truck: JEN60

License: AX913D

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94606

Materials & Services

Quantity Unit

VIP D Per Ton

36.35 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: <b>94606</b>
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbenia Ave Suite #200 Floral Park, NY Generators Phone: 0		Site Address 4778 Broadway New York, NY 10034 0 0		
Transporter 1 Company Name 0 <i>Jencar #60 AX913D</i>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials		Containers		Total
		No.	Type	Quantity
a VIP Site Specific Fill		1	tk	
b				
Facility designated material designations: <u>Capital Development</u>  Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)  <u>Coplay Quarry</u> Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above: Site Specific Fill				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <i>Angel Gonzalez</i>		Signature <i>Angel Gonzalez</i>		Date <i>1/23/23</i>
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <i>Anthony</i>		Signature <i>Anthony</i>		Date <i>1-23-23</i>
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above. Print/Type Name				
		Signature <i>[Signature]</i>		Date <i>1/20/23</i>

GENERATOR

TRANSPORTER

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000134331

Date: 1/23/2023

Time: 13:22:07 - 13:22:22

Gross: 96560 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 71360 LB

Truck: JEN76

License: AU854R

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94607

Materials & Services

Quantity Unit

VIP D Per Ton

35.68 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

### MATERIAL SOLUTION SERVICES, INC.

21 East 10th Street  
Northampton, PA 18067  
610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <p style="text-align: center;">0</p>	Project ID No. <p style="text-align: center;">MSS22684</p>	Page # of	Document Number: <p style="text-align: center; font-size: 1.2em;">94607</p>		
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY Generators Phone: 0		Site Address 4778 Broadway New York, NY 10034 0 0				
Transporter 1 Company Name 0 <i>Jencor Hooking</i>		US EPA ID Number	Transporter's Phone			
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone			
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011			
Shipping Name & Description of Materials		Containers No. Type	Total Quantity	Units Wt/Vol		
a VIP Site Specific Fill		1	trk			
b						
Facility designated material designations: <u>Capital Development</u>						
Clean Fill(green)		A (white)	B (Black)	C (yellow)	D (blue)	E (red)
<u>Coplay Quarry</u>						
Clean Fill(green)		A (white)	B (Black)	C (yellow)	D (blue)	E (red)
Additional Description for Materials Listed Above: <p style="text-align: center; font-size: 1.5em;">AV854R</p>						
Site Specific Fill						
Special Handling Instructions & Additional Information: 0						
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous						
Print/Type Name <i>Angel Gonzalez</i>		Signature <i>Angel Gonzalez</i>	Date 1/23/23			
Transporter 1 Acknowledgement of Receipt of Materials						
Print/Type Name <i>Edward Bonagas</i>		Signature <i>Edward Bonagas</i>	Date 1/23/23			
Transporter 2 Acknowledgement of Receipt of Materials						
Print/Type Name <i>Edward Bonagas</i>		Signature <i>Edward Bonagas</i>	Date 1/23/23			
Discrepancy Indication Space:						
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.						
Print/Type Name		Signature <i>[Signature]</i>	Date 1/23/23			

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000134346

Date: 1/23/2023

Time: 14:28:53 - 14:29:08

Gross: 92800 LB In Scale 1  
Tare: 26500 LB P.T.  
Net: 66300 LB

Truck: JEN62

License: AX780C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94608

Materials & Services

Quantity Unit

VIP D Per Ton

33.15 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 94608
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY Generators Phone: 0		Site Address 4778 Broadway New York, NY 10034 0 0		
Transporter 1 Company Name 0 <i>Soncar H62 A2780C</i>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials			Containers No.	Total Quantity
a VIP Site Specific Fill			1	trk
b				
Facility designated material designations: <u>Capital Development</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	<input type="checkbox"/> D (blue)
<u>Coplay Quarry</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
Additional Description for Materials Listed Above: Site Specific Fill				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <i>Angel Gonzalez</i>		Signature <i>Angel Gonzalez</i>		Date 1/23/23
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <i>G. J. Harro</i>		Signature <i>G. J. Harro</i>		Date 1-23-23
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date 1/23/23

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000134352

Date: 1/23/2023

Time: 16:16:09 - 16:16:46

Gross: 95100 LB In Scale 1  
Tare: 27500 LB P.T.  
Net: 67600 LB

Truck: JEN69

License: AS450Y

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94609

Materials & Services

Quantity Unit

VIP D Per Ton

33.80 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 94609
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY Generators Phone: 0		Site Address 4778 Broadway New York, NY 10034 0 0		
Transporter 1 Company Name 0 <i>Jency</i> <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">69</span>		US EPA ID Number	Transporter's Phone <i>ASYSBY</i>	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials			Containers	Total
			No.	Quantity
			Type	Units
			Wt/Vol	
a VIP Site Specific Fill			1	trk
b				
Facility designated material designations: <u>Capital Development</u>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<u>Coplay Quarry</u>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:  Site Specific Fill				
Special Handling Instructions & Additional Information:  0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <i>Angel Gonzalez</i>		Signature <i>Angel Gonzalez</i>		Date <i>1/23/23</i>
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <i>Francisco</i>		Signature <i>F. Pineda</i>		Date <i>1-23-23</i>
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date <i>1/23/23</i>

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000134354

Date: 1/23/2023

Time: 16:22:41 - 16:23:14

Gross: 98960 LB In Scale 1  
Tare: 26700 LB P.T.  
Net: 72260 LB

Truck: JEN63

License: AS702T

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94610

Materials & Services

Quantity Unit

VIP D Per Ton

36.13 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>94610</b>
Generators Name and Mailing Address <b>M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>		
Generators Phone: <b>0</b>				
Transporter 1 Company Name <b>0 - Sentral #63 AS7027</b>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials			Containers No. Type	Total Quantity
a <b>VIP Site Specific Fill</b>			1	trk
b				
Facility designated material designations: <b>Capital Development</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<b>Coplay Quarry</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: <b>0</b>				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Angel Gonzalez</b>		Signature <i>Angel Gonzalez</i>		Date <b>1/23/23</b>
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <b>William C</b>		Signature <i>William C</i>		Date <b>1/23/23</b>
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date <b>1/23/23</b>

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000135490

Date: 2/6/2023

Time: 09:12:04 - 09:12:19

Gross: 92860 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 67660 LB

Truck: JEN64

License: AS416T

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94623

Materials & Services

Quantity Unit

VIP D Per Ton

33.83 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: <b>94623</b>
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY Generators Phone: 0		Site Address 4778 Broadway New York, NY 10034 0 0		
Transporter 1 Company Name 0 <i>James Trucking H&amp;B</i>		US EPA ID Number <i>AS4167</i>	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials			Containers No.	Total Quantity
a VIP Site Specific Fill			1	1
b			1	1
Facility designated material designations: <u>Capital Development</u>  Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)  <u>Coplay Quarry</u>  Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:  Site Specific Fill				
Special Handling Instructions & Additional Information:  0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <i>GREG STYRUCKOWSKI</i>		Signature <i>[Signature]</i>		Date <i>2/6/09</i>
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <i>[Signature]</i>		Signature <i>[Signature]</i>		Date
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date <i>2/6/09</i>

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000135491

Date: 2/6/2023

Time: 09:15:34 - 09:15:48

Gross: 98080 LB In Scale 1  
Tare: 26500 LB P.T.  
Net: 71580 LB

Truck: JEN67

License: AW847H

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94624

Materials & Services

Quantity Unit

VIP D Per Ton

35.79 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 94624
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034		
Generators Phone: 0		0		
Transporter 1 Company Name 0		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials		Containers No.	Type	Total Quantity
a VIP Site Specific Fill		1	trk	
b				
Facility designated material designations: <u>Capital Development</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
<u>Coplay Quarry</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name GREG STYBULKOWSKI GN Contr		Signature		Date 7/6/23
Transporter 1 Acknowledgement of Receipt of Materials		Signature		Date
Print/Type Name Franklin		Signature		Date 2-6-23
Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature		Date 7/6/23

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000135495

Date: 2/6/2023

Time: 09:24:54 - 09:25:10

Gross: 96740 LB In Scale 1  
Tare: 27500 LB P.T.  
Net: 69240 LB

Truck: JEN69

License: AS450Y

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94625

Materials & Services

Quantity Unit

VIP D Per Ton

34.62 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

<b>NON-HAZARDOUS MANIFEST</b>	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: <b>94625</b>
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034		
Generators Phone: 0		0		
Transporter 1 Company Name 0		US EPA ID Number	Transporter's Phone <b>454507</b>	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a VIP Site Specific Fill		1	trk	
b				
Facility designated material designations: <u>Capital Development</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue) <input type="checkbox"/>
<u>Coplay Quarry</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>GREG STYPUKOWSKI</b>		Signature <i>[Signature]</i>	Date <b>2/6/23</b>	
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <b>Francisco</b>		Signature <i>[Signature]</i>	Date <b>2.6.23</b>	
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature	Date	
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>	Date <b>2/6/23</b>	

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000135498

Date: 2/6/2023

Time: 09:37:15 - 09:37:30

Gross: 92580 LB In Scale 1  
Tare: 28580 LB P.T.  
Net: 64000 LB

Truck: JEN71

License: AX781C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94626

Materials & Services

Quantity Unit

VIP D Per Ton

32.00 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <p style="text-align:center;">0</p>	Project ID No. <p style="text-align:center;">MSS22684</p>	Page # of	Document Number: <p style="text-align:center; font-size: 1.2em;">94626</p>
Generators Name and Mailing Address M4778 Broadway LLC 15 Verben Ave Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034		
Generators Phone: 0		0		
Transporter 1 Company Name 0		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials				Containers No. Type
a VIP Site Specific Fill				1 trk
b				Total Quantity
c				Units Wt/Vol
Facility designated material designations:				
<u>Capital Development</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
<u>Coplay Quarry</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information:				
c				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name		Signature		Date
Transporter 1 Acknowledgement of Receipt of Materials		Signature		Date
Print/Type Name REG STYBULKOWSKI, GM/Co-Pr		Signature		Date 2/6/23
Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date
Print/Type Name OSUALDS AGUIERO		Signature		Date 2/6/23
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature		Date
				2/6/23

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000135501

Date: 2/6/2023

Time: 09:45:05 - 09:45:21

Gross: 94980 LB In Scale 1  
Tare: 26400 LB P.T.  
Net: 68580 LB

Truck: JEN73

License: AX914D

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94627

Materials & Services

Quantity Unit

VIP D Per Ton

34.29 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>94627</b>	
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY Generators Phone: 0		Site Address 4778 Broadway New York, NY 10034 0 0			
Transporter 1 Company Name <i>Leonor Trucking AX914D</i>		US EPA ID Number <i>#73</i>	Transporter's Phone		
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone		
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011		
Shipping Name & Description of Materials			Containers	Total	
			No.	Quantity	
			Type	Units	
			Wt/Vol		
a VIP Site Specific Fill			1	trk	
b					
Facility designated material designations: <u>Capital Development</u>					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)	E (red)
<u>Coplay Quarry</u>					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)	E (red)
Additional Description for Materials Listed Above:					
Site Specific Fill					
Special Handling Instructions & Additional Information: 0					
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous					
Print/Type Name <i>GRIG STYRUKAUSKI</i>		Signature <i>[Signature]</i>		Date <i>2/6/23</i>	
Transporter 1 Acknowledgement of Receipt of Materials					
Print/Type Name <i>Leo Sepulveda</i>		Signature <i>[Signature]</i>		Date <i>2-6-23</i>	
Transporter 2 Acknowledgement of Receipt of Materials					
Print/Type Name		Signature		Date	
Discrepancy Indication Space:					
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.					
Print/Type Name		Signature <i>[Signature]</i>		Date <i>2/6/23</i>	

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000135670

Date: 2/6/2023

Time: 15:54:46 - 15:55:04

Gross: 97260 LB In Scale 1  
Tare: 26500 LB P.T.  
Net: 70760 LB

Truck: JEN67

License: AW847H

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94628

Materials & Services

Quantity Unit

VIP D Per Ton

35.38 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 94628	
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY Generators Phone: 0		Site Address 4778 Broadway New York, NY 10034 0 0			
Transporter 1 Company Name 0	Transporter 1 US EPA ID Number <i>5 ENCOR # 67 AW B474</i>		Transporter's Phone		
Transporter 2 Company Name 0	Transporter 2 US EPA ID Number		Transporter's Phone		
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011		
Shipping Name & Description of Materials a VIP Site Specific Fill			Containers No.	Total Quantity	Units Wt/Vol
			1	trk	
Facility designated material designations: <u>Capital Development</u> Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)					
<u>Coplay Quarry</u> Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)					
Additional Description for Materials Listed Above:  Site Specific Fill					
Special Handling Instructions & Additional Information: 0					
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous					
Print/Type Name <i>Angel Gonzalez</i>		Signature <i>[Signature]</i>		Date 2/6/23	
Transporter 1 Acknowledgement of Receipt of Materials					
Print/Type Name <i>Franklin</i>		Signature <i>[Signature]</i>		Date 2-6-23	
Transporter 2 Acknowledgement of Receipt of Materials					
Print/Type Name		Signature		Date	
Discrepancy Indication Space:					
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.					
Print/Type Name		Signature <i>[Signature]</i>		Date <i>[Date]</i>	

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000135674

Date: 2/6/2023

Time: 16:02:12 - 16:02:28

Gross: 93140 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 67940 LB

Truck: JEN64

License: AS416T

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94629

Materials & Services

Quantity Unit

VIP D Per Ton

33.97 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 94629
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034		
Generators Phone: 0		0		
Transporter 1 Company Name 0 <i>Janco Recycling Inc</i>		US EPA ID Number AS4767	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a VIP Site Specific Fill		1	trk	
b Facility designated material designations: <u>Capital Development</u>  Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)  <u>Coplay Quarry</u>  Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:  Site Specific Fill				
Special Handling Instructions & Additional Information:  0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <i>Angel Gonzalez</i>		Signature <i>Angel Gonzalez</i>		Date 2/6/23
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <i>Cody...</i>		Signature <i>Cody...</i>		Date
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above				
Print/Type Name		Signature <i>[Signature]</i>		Date 2/6/23

GENERATOR  
 TRANSPORTER  
 FACILITY

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000135680

Date: 2/6/2023

Time: 16:12:37 - 16:12:53

Gross: 95100 LB In Scale 1  
Tare: 27500 LB P.T.  
Net: 67600 LB

Truck: JEN69

License: AS450Y

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94630

Materials & Services

Quantity Unit

VIP D Per Ton

33.80 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: <b>94630</b>
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034 0 0		
Generators Phone: 0		Transporter's Phone		
Transporter 1 Company Name 0 <i>Jencay</i> <b>(69)</b>		US EPA ID Number	Transporter's Phone <b>AS450Y</b>	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials				Containers No. Type Total Quantity Units Wt/Vol
a VIP Site Specific Fill				1 trk
b				
Facility designated material designations: <u>Capital Development</u>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<u>Coplay Quarry</u>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information:				
0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <i>Angel Gonzalez</i>		Signature <i>Angel Gonzalez</i>		Date 2/6/23
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <i>Francisco</i>		Signature <i>F. Pineda</i>		Date 2-6-23
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date 2/6/23

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000135686

Date: 2/6/2023

Time: 16:36:30 - 16:36:44

Gross: 94500 LB In Scale 1  
Tare: 28580 LB P.T.  
Net: 65920 LB

Truck: JEN71

License: AX781C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94631

Materials & Services

Quantity Unit

VIP D Per Ton

32.96 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

<b>NON-HAZARDOUS MANIFEST</b>	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 94631
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034		
Generators Phone: 0		0		
Transporter 1 Company Name 0		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials				Containers
				No.
				Type
				Total
				Quantity
				Units
				Wt/Vol
a VIP Site Specific Fill				1
b				trk
Facility designated material designations:				
<u>Capital Development</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
<u>Coplay Quarry</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information:				
0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name		Signature		Date
Angel Gonzalez				2/6/23
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
OSVALDO AGUIERO				2/6/23
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature		Date
				2/6/23

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000136587

Date: 2/14/2023

Time: 09:15:52 - 09:16:05

Gross: 96280 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 71080 LB

Truck: JEN65

License: AW431C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94633

Materials & Services

Quantity Unit

VIP D Per Ton

35.54 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: <b>94633</b>
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY Generators Phone: 0		Site Address 4778 Broadway New York, NY 10034 0 0		
Transporter 1 Company Name 0 <i>SAN CAR TOWERS</i>		US EPA ID Number <i>AW431C</i>	Transporter's Phone	
Transporter 2 Company Name 0 <i>SAN CAR TOWERS</i>		US EPA ID Number <i>AW431E</i>	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a VIP Site Specific Fill		1	trk	
Facility designated material designations: <u>Capital Development</u>  Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)  <u>Coplay Quarry</u>  Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:  Site Specific Fill Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <i>Angel Gonzalez</i>		Signature <i>Angel Gonzalez</i>	Date <i>2/14/23</i>	
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <i>Jose Minch</i>		Signature <i>Jose Minch</i>	Date <i>2/14/23</i>	
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature	Date	
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above. Print/Type Name		Signature <i>[Signature]</i>	Date <i>2/14/23</i>	

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000136589

Date: 2/14/2023

Time: 09:19:43 - 09:19:57

Gross: 98920 LB In Scale 1  
Tare: 28880 LB P.T.  
Net: 70040 LB

Truck: JGM3271

License: AT5772

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94634

Materials & Services

Quantity Unit

VIP D Per Ton

35.02 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: <b>94634</b>
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY Generators Phone: 0		Site Address 4778 Broadway New York, NY 10034 0 0		
Transporter 1 Company Name 0 <b>JGM TRUCKING L.L.C 3271</b>		US EPA ID Number <b>AT3772</b>	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials			Containers No.	Total Quantity
a VIP Site Specific Fill			1	trk
b				
Facility designated material designations: <u>Capital Development</u>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<u>Coplay Quarry</u>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: c				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>Amel Gonzalez</b>		Signature <i>[Signature]</i>		Date <b>2/14/23</b>
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <b>Iron J. Barrero</b>		Signature <i>[Signature]</i>		Date <b>2/14/23</b>
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date <b>2/14/23</b>

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000136594

Date: 2/14/2023

Time: 09:36:42 - 09:36:59

Gross: 95420 LB In Scale 1  
Tare: 29260 LB P.T.  
Net: 66160 LB

Truck: JGM3272

License: AU552N

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94635

Materials & Services

Quantity Unit

VIP D Per Ton

33.08 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <p style="text-align:center;">0</p>	Project ID No. <p style="text-align:center;">MSS22684</p>	Page # of	Document Number: <p style="text-align:center; font-size: 1.2em;">94635</p>
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY Generators Phone: 0		Site Address 4778 Broadway New York, NY 10034 0 0		
Transporter 1 Company Name 0		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials				Containers No. Type
a VIP Site Specific Fill				Total Quantity
b				Units Wt/Vol
Facility designated material designations: <u>Capital Development</u>				
Clean Fill(green)		A (white)	B (Black)	C (yellow)
				D (blue)
				E (red)
<u>Coplay Quarry</u>				
Clean Fill(green)		A (white)	B (Black)	C (yellow)
				D (blue)
				E (red)
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information:				
c				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name		Signature		Date
Hazel Gonzalez				2/14/23
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Juan Otarola				2/14/23
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature		Date
				2/14/23

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000136596  
Date: 2/14/2023  
Time: 09:40:34 - 09:40:48

Gross: 94480 LB In Scale 1  
Tare: 26400 LB P.T.  
Net: 68080 LB

Truck: JEN73  
Customer: ALL SUFFOLK MATERIALS CAP/All S  
Job: MSS22684 4778 Broadway  
Generator: MSS22684 4778 Broadway  
4778 Broadway  
New York NY

License: AX914D

Comment:

Manifest:94636

Materials & Services

Quantity Unit

---

VIP D Per Ton 34.04 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 94636		
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034				
Generators Phone: 0		0				
Transporter 1 Company Name 0 <i>Lennox Trucking AX914D</i>		US EPA ID Number # 03	Transporter's Phone			
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone			
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011			
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol		
a VIP Site Specific Fill		1	trk			
b						
Facility designated material designations: <u>Capital Development</u>						
Clean Fill(green)		A (white)	B (Black)	C (yellow)	D (blue) <input type="checkbox"/>	E (red)
<u>Coplay Quarry</u>						
Clean Fill(green)		A (white)	B (Black)	C (yellow)	D (blue)	E (red)
Additional Description for Materials Listed Above: Site Specific Fill						
Special Handling Instructions & Additional Information: 0						
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous						
Print/Type Name <i>Amal Gonsalves</i>		Signature <i>[Signature]</i>		Date 4/14/23		
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <i>Leo Sepulveda</i>		Signature <i>[Signature]</i>		Date 2-14-23		
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature		Date		
Discrepancy Indication Space:						
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.						
Print/Type Name		Signature <i>[Signature]</i>		Date 2/14/23		

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000136604

Date: 2/14/2023

Time: 10:10:11 - 10:10:24

Gross: 96380 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 71180 LB

Truck: JEN55

License: AU853R

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94637

Materials & Services

Quantity Unit

VIP D Per Ton

35.59 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

<b>NON-HAZARDOUS MANIFEST</b>	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: <b>94637</b>
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY Generators Phone: 0		Site Address 4778 Broadway New York, NY 10034 0 0		
Transporter 1 Company Name 0		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a VIP Site Specific Fill		1	trk	
b				
Facility designated material designations: <u>Capital Development</u> Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red) <u>Coplay Quarry</u> Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:  Site Specific Fill				
Special Handling Instructions & Additional Information:  0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <i>Amal Gonzalez</i>		Signature <i>Amal Gonzalez</i>		Date 2/14/23
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <i>Devin Casiano</i>		Signature <i>Devin Casiano</i>		Date 2/14/23
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above. Print/Type Name				
		Signature <i>[Signature]</i>		Date 2/14/23

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000136605

Date: 2/14/2023

Time: 10:11:47 - 10:12:02

Gross: 95380 LB In Scale 1  
Tare: 26200 LB P.T.  
Net: 69180 LB

Truck: JEN77

License: AW432C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94638

Materials & Services

Quantity Unit

VIP D Per Ton

34.59 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>94638</b>
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY Generators Phone: 0		Site Address 4778 Broadway New York, NY 10034 0 0		
Transporter 1 Company Name 0 <i>Jencon Trucking #77</i>		US EPA ID Number <i>AW432C</i>	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials			Containers No.	Total Quantity
a VIP Site Specific Fill			1	Trk
b				
Facility designated material designations: <u>Capital Development</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue) <input type="checkbox"/>
<u>Coplay Quarry</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
Additional Description for Materials Listed Above:  Site Specific Fill				
Special Handling Instructions & Additional Information:  0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <i>Angel Gonzalez</i>		Signature <i>[Signature]</i>		Date <i>2/14/23</i>
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <i>Jean-L</i>		Signature <i>[Signature]</i>		Date <i>2-14-23</i>
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date <i>2/14/23</i>

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000136701

Date: 2/14/2023

Time: 13:18:42 - 13:18:56

Gross: 103060 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 77860 LB

Truck: JEN65

License: AW431C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94639

Materials & Services

Quantity Unit

VIP D Per Ton

38.93 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 94639		
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY Generators Phone: 0		Site Address 4778 Broadway New York, NY 10034 0 0				
Transporter 1 Company Name 0 <i>JANERAZ TRUCKS</i>		US EPA ID Number <i>AW431C</i>	Transporter's Phone			
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone			
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011			
Shipping Name & Description of Materials			Containers		Total	Units
			No.	Type	Quantity	Wt/Vol
a VIP Site Specific Fill			1	trk		
b						
Facility designated material designations: <u>Capital Development</u> Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red) <u>Coplay Quarry</u> Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)						
Additional Description for Materials Listed Above:						
Site Specific Fill						
Special Handling Instructions & Additional Information: 0						
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous						
Print/Type Name <i>Angel Gonzalez</i>		Signature <i>[Signature]</i>		Date <i>2/14/23</i>		
Transporter 1 Acknowledgement of Receipt of Materials						
Print/Type Name <i>George Minchella</i>		Signature <i>[Signature]</i>		Date <i>4/4/23</i>		
Transporter 2 Acknowledgement of Receipt of Materials						
Print/Type Name		Signature		Date		
Discrepancy Indication Space:						
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.						
Print/Type Name		Signature <i>[Signature]</i>		Date <i>2/14/23</i>		

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000136704

Date: 2/14/2023

Time: 13:25:26 - 13:25:43

Gross: 88760 LB In Scale 1  
Tare: 28880 LB P.T.  
Net: 59880 LB

Truck: JGM3271

License: AT5772

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94640

Materials & Services

Quantity Unit

VIP D Per Ton

29.94 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: <b>94648</b>
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY Generators Phone: 0		Site Address 4778 Broadway New York, NY 10034 0 0		
Transporter 1 Company Name 0 <i>EXP TRUCKING L.L.C 3271</i>		US EPA ID Number <i>AT542</i>	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials			Containers No. Type	Total Quantity
a VIP Site Specific Fill			1	trk
b				
Facility designated material designations: <u>Capital Development</u>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<u>Coplay Quarry</u>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <i>Anael Gonzalez</i>		Signature <i>Anael Gonzalez</i>	Date 2/14/23	
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <i>Don J. Barreiro</i>		Signature <i>Don J. Barreiro</i>	Date 2/14/23	
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature	Date	
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature	Date 2/14/23	

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000136713

Date: 2/14/2023

Time: 13:43:34 - 13:43:49

Gross: 93040 LB In Scale 1  
Tare: 29260 LB P.T.  
Net: 63780 LB

Truck: JGM3272

License: AU552N

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94641

Materials & Services

Quantity Unit

VIP D Per Ton

31.89 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST		1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 94641
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY Generators Phone: 0			Site Address 4778 Broadway New York, NY 10034 0 0		
Transporter 1 Company Name 0		US EPA ID Number NIGM A0552N		Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number 3272		Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013			US EPA ID Number		Facility's Phone 610-452-1011
Shipping Name & Description of Materials				Containers No.	Total Quantity
a VIP Site Specific Fill				1	trk
b					
Facility designated material designations: <u>Capital Development</u>					
Clean Fill(green)		A (white)	B (Black)	C (yellow)	D (blue)
Coplay Quarry		A (white)	B (Black)	C (yellow)	D (blue)
Clean Fill(green)		A (white)	B (Black)	C (yellow)	D (blue)
Additional Description for Materials Listed Above: Site Specific Fill					
Special Handling Instructions & Additional Information: 0					
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous					
Print/Type Name		Signature		Date	
Transporter 1 Acknowledgement of Receipt of Materials					
Print/Type Name Angel Gonzalez		Signature <i>[Signature]</i>		Date 2/14/23	
Transporter 2 Acknowledgement of Receipt of Materials					
Print/Type Name Juan Otarola		Signature <i>[Signature]</i>		Date 02/14/23	
Discrepancy Indication Space:					
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.					
Print/Type Name		Signature		Date 2/14/23	

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000136725

Date: 2/14/2023

Time: 14:04:41 - 14:04:55

Gross: 88660 LB In Scale 1  
Tare: 26400 LB P.T.  
Net: 62260 LB

Truck: JEN73

License: AX914D

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94642

Materials & Services

Quantity Unit

VIP D Per Ton

31.13 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

<b>NON-HAZARDOUS MANIFEST</b>	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: <b>94642</b>
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034 0 0		
Generators Phone: 0				
Transporter 1 Company Name 0 <i>Senear Trucking AX914D</i>		US EPA ID Number #23	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials			Containers No.	Total Quantity
a VIP Site Specific Fill			1	1
b			trk	
Facility designated material designations: Capital Development				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
Coplay Quarry				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information:				
0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <i>Angel Gonzalez</i>		Signature <i>Angel Gonzalez</i>		Date 2/14/23
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <i>Eco Services</i>		Signature <i>[Signature]</i>		Date 2-14-23
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date 2/14/23

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000136733

Date: 2/14/2023

Time: 14:18:42 - 14:19:04

Gross: 91220 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 66020 LB

Truck: JEN55

License: AU853R

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94643

Materials & Services

Quantity Unit

VIP D Per Ton

33.01 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

<b>NON-HAZARDOUS MANIFEST</b>	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: <b>94643</b>
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY Generators Phone: 0		Site Address 4778 Broadway New York, NY 10034 0 0		
Transporter 1 Company Name 0		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials				Containers No. Type Total Quantity Units Wt/Vol
a	VIP Site Specific Fill			
b	1 trk			
Facility designated material designations:				
<u>Capital Development</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
<u>Coplay Quarry</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <i>Angel Gonzalez</i>		Signature <i>Angel Gonzalez</i>		Date 2/14/23
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <i>Devia Casiano</i>		Signature <i>Devia Casiano</i>		Date 2/14/23
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date 2/14/23

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000136732

Date: 2/14/2023

Time: 14:16:56 - 14:17:10

Gross: 96540 LB In Scale 1  
Tare: 26200 LB P.T.  
Net: 70340 LB

Truck: JEN77

License: AW432C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:94644

Materials & Services

Quantity Unit

VIP D Per Ton

35.17 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: <b>94644</b>	
Generators Name and Mailing Address M4778 Broadway LLC 15 Verbena Ave Suite #200 Floral Park, NY Generators Phone: 0		Site Address 4778 Broadway New York, NY 10034 0 0			
Transporter 1 Company Name 0 <i>Linear Trucking #77</i>		US EPA ID Number <i>AW432C</i>	Transporter's Phone		
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone		
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011		
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol	
a <u>VIP Site Specific Fill</u>		1	trk		
b					
Facility designated material designations:					
<u>Capital Development</u>					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	<span style="border: 1px solid black; padding: 2px;">D (blue)</span>	E (red)
<u>Coplay Quarry</u>					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)	E (red)
Additional Description for Materials Listed Above:					
Site Specific Fill					
Special Handling Instructions & Additional Information:					
0					
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous					
Print/Type Name <i>Angel Gonzalez</i>		Signature <i>Angel Gonzalez</i>	Date 2/14/23		
Transporter 1 Acknowledgement of Receipt of Materials					
Print/Type Name <i>Jean A.</i>		Signature <i>Jean A.</i>	Date 2-14-23		
Transporter 2 Acknowledgement of Receipt of Materials					
Print/Type Name		Signature	Date		
Discrepancy Indication Space:					
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.					
Print/Type Name		Signature <i>[Signature]</i>	Date 2/14/23		

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131377

Date: 12/15/2022

Time: 09:02:10 - 09:02:22

Gross: 98080 LB In Scale 1  
Tare: 26720 LB P.T.  
Net: 71360 LB

Truck: JEN68

License: AX724C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88587

Materials & Services

Quantity Unit

VIP D Per Ton

35.68 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 88587
Generators Name and Mailing Address MS778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034		
Generators Phone: 0		0		
Transporter 1 Company Name 0 <b>JENCAR</b>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
		Type		
a) VIP Site Specific Fill		1	trk	
b) Facility designated material designations: <u>Capital Development</u>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<u>Coplay Quarry</u>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>GREG STYBULKOWSKI</b> GDI Contr.		Signature <i>[Signature]</i>		Date 12/15/20
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <b>JULIO EDWARDS</b>		Signature <b>JAN</b>		Date 12/15/20
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date 12/15/20

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131379  
Date: 12/15/2022  
Time: 09:05:35 - 09:05:47

Gross: 93740 LB In Scale 1  
Tare: 26200 LB P.T.  
Net: 67540 LB

Truck: JEN71  
Customer: ALL SUFFOLK MATERIALS CAP/All S  
Job: MSS22684 4778 Broadway  
Generator: MSS22684 4778 Broadway  
4778 Broadway  
New York NY

License: AX781C

Comment:

Manifest:88586

Materials & Services

Quantity Unit

VIP D Per Ton

33.77 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

<b>NON-HAZARDOUS MANIFEST</b>	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>88586</b>
Generators Name and Mailing Address <b>M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034</b>		
Generators Phone: <b>0</b>		Site Address <b>0</b>		
Transporter 1 Company Name <b>0 JENCA R#71</b>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name <b>0 AX781R</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a <b>VIP Site Specific Fill</b>		1	trk	
b				
Facility designated material designations:				
<b>Capital Development</b>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	<b>D (blue)</b>
<b>Coplay Quarry</b>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information:				
0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>GRBC STYPULKOWSKI</b>		Signature <i>[Signature]</i>	Date <b>12/15/2022</b>	
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <b>OSALDO AGUIERO</b>		Signature <i>[Signature]</i>	Date <b>12/15/22</b>	
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature	Date	
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>	Date <b>12/15/22</b>	

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131382

Date: 12/15/2022

Time: 09:12:29 - 09:13:02

Gross: 92260 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 67060 LB

Truck: JEN64

License: AS416T

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88585

Materials & Services

Quantity Unit

VIP D Per Ton

33.53 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 88585	
Generators Name and Mailing Address MS778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034 0 0			
Generators Phone: 0		US EPA ID Number	Transporter's Phone		
Transporter 1 Company Name <i>SANCO TRUCKING INC</i>		<i>AS416T</i>			
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone		
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011		
Shipping Name & Description of Materials			Containers No.	Total Quantity	
a <u>VIP Site Specific Fill</u>			1	trk	
b Facility designated material designations: <u>Capital Development</u>					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)	E (red)
<u>Coplay Quarry</u>					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)	E (red)
Additional Description for Materials Listed Above:  Site Specific Fill					
Special Handling Instructions & Additional Information:  0					
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous					
Print/Type Name <i>GREG STYBUREKowski</i>		Signature <i>[Signature]</i>		Date <i>12/15/2022</i>	
Transporter 1 Acknowledgement of Receipt of Materials					
Print/Type Name <i>[Signature]</i>		Signature <i>[Signature]</i>		Date	
Transporter 2 Acknowledgement of Receipt of Materials					
Print/Type Name		Signature		Date	
Discrepancy Indication Space:					
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.					
Print/Type Name		Signature <i>[Signature]</i>		Date <i>12/15/22</i>	

ORIGINAL RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131386

Date: 12/15/2022

Time: 09:28:39 - 09:28:53

Gross: 98560 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 73360 LB

Truck: JEN60

License: AX913D

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88584

Materials & Services

Quantity Unit

VIP D Per Ton

36.68 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: <b>88584</b>
Generators Name and Mailing Address M5778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034 0 0		
Generators Phone: 0				
Transporter 1 Company Name 0 <i>Genex Trucking #60 AX913D</i>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials				Containers No. Type
a <u>VIP Site Specific Fill</u>				Total Quantity
b				Units Wt/Vol
Facility designated material designations: <u>Capital Development</u>				
Clean Fill(green)		A (white)	B (Black)	C (yellow)
				D (blue)
				E (red)
<u>Coplay Quarry</u>				
Clean Fill(green)		A (white)	B (Black)	C (yellow)
				D (blue)
				E (red)
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <i>GREG STYRZKOWSKI</i>		Signature <i>[Signature]</i>		Date <i>12/15/2022</i>
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <i>J. D.</i>		Signature <i>[Signature]</i>		Date <i>12/15/22</i>
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above. Print/Type Name		Signature <i>[Signature]</i>		Date <i>12/15/22</i>

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131391

Date: 12/15/2022

Time: 09:47:00 - 09:47:14

Gross: 90860 LB In Scale 1  
Tare: 27500 LB P.T.  
Net: 63360 LB

Truck: JEN69

License: AS450Y

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88583

Materials & Services

Quantity Unit

VIP D Per Ton

31.68 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 88583
Generators Name and Mailing Address M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034 0 0		
Generators Phone: 0				
Transporter 1 Company Name 0 <b>Jencar (69)</b>		US EPA ID Number	Transporter's Phone <b>ADY50Y</b>	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials				Containers No.   Type   Total Quantity   Units Wt/Vol
a VIP Site Specific Fill				1   trk
b				
Facility designated material designations: <u>Capital Development</u>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<u>Coplay Quarry</u>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>CREG STYRUCKOWSKI</b> <i>BOI Cash</i>		Signature <i>[Signature]</i>		Date <b>12/15/2008</b>
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <b>Francisco</b>		Signature <i>T. J. medz</i>		Date <b>12/15/22</b>
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date <b>12/15/08</b>

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131393

Date: 12/15/2022

Time: 09:58:53 - 09:59:08

Gross: 96320 LB In Scale 1  
Tare: 29280 LB P.T.  
Net: 67040 LB

Truck: JGM3270

License: AT577Z

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88581

Materials & Services

Quantity Unit

VIP D Per Ton

33.52 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>88581</b>
Generators Name and Mailing Address <b>M5778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034</b>		
Generators Phone: <b>0</b>		US EPA ID Number <b>0</b>		
Transporter 1 Company Name <b>0 SIM TRUCKING L.L.C #3290</b>		US EPA ID Number <b>A15772</b>	Transporter's Phone	
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials <b>a VIP Site Specific Fill</b>		Containers No.	Total Quantity	Units Wt/Vol
		Type <b>1 Trk</b>		
Facility designated material designations: <b>Capital Development</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<b>Coplay Quarry</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: <b>0</b>				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>SREK 51716 LKOWSKI</b>		Signature <i>[Signature]</i>	Date <b>12/15/22</b>	
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <b>Mon Carrero</b>		Signature <i>[Signature]</i>	Date <b>12/15/22</b>	
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature	Date	
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above				
Print/Type Name		Signature <i>[Signature]</i>	Date <b>12/15/22</b>	

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131394

Date: 12/15/2022

Time: 10:02:14 - 10:02:29

Gross: 93600 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 68400 LB

Truck: JEN55

License: AU853R

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88582

Materials & Services

Quantity Unit

VIP D Per Ton

34.20 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: <b>88582</b>	
Generators Name and Mailing Address M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY Generators Phone: 0		Site Address 4778 Broadway New York, NY 10034 0 0			
Transporter 1 Company Name 0 <i>Jancar SS</i>		US EPA ID Number	Transporter's Phone		
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone		
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011		
Shipping Name & Description of Materials				Containers No. Type	
a VIP Site Specific Fill				1 trk	
b				Total Quantity	
c				Units Wt/Vol	
Facility designated material designations:					
<u>Capital Development</u>					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)	E (red)
<u>Coplay Quarry</u>					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)	E (red)
Additional Description for Materials Listed Above:					
Site Specific Fill					
Special Handling Instructions & Additional Information:					
0					
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous					
Print/Type Name		Signature	Date		
<i>GRAC STYPRCKOWSKI</i>		<i>GRAC</i>	12/15/2022		
Transporter 1 Acknowledgement of Receipt of Materials					
Print/Type Name		Signature	Date		
<i>John F</i>		<i>John F</i>	12/15-22		
Transporter 2 Acknowledgement of Receipt of Materials					
Print/Type Name		Signature	Date		
Discrepancy Indication Space:					
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.					
Print/Type Name		Signature	Date		
		<i>[Signature]</i>	12/15/22		

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131399

Date: 12/15/2022

Time: 10:20:05 - 10:20:18

Gross: 92860 LB In Scale 1  
Tare: 26700 LB P.T.  
Net: 66160 LB

Truck: JEN63

License: AS702T

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88580

Materials & Services

Quantity Unit

VIP D Per Ton

33.08 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 88580
Generators Name and Mailing Address M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY Generators Phone: 0		Site Address 4778 Broadway New York, NY 10034 0 0		
Transporter 1 Company Name 0 <u>JENCAR # 63</u>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials				Containers No. Type
a <u>VIP Site Specific Fill</u>				1 trk
b				Total Quantity
c				Units Wt/Vol
Facility designated material designations: <u>Capital Development</u>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<u>Coplay Quarry</u>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above: Site Specific Fill				
Special Handling Instructions & Additional Information: D				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <u>GREG STYPUKOWSKI</u> <u>GID Cash.</u>		Signature 		Date <u>12/13/2022</u>
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <u>ANTHONY</u>		Signature 		Date <u>12-15-22</u>
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature 		Date <u>12/15/22</u>

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131401

Date: 12/15/2022

Time: 10:24:29 - 10:24:42

Gross: 99080 LB In Scale 1  
Tare: 28880 LB P.T.  
Net: 70200 LB

Truck: JGM3271

License: AU536E

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88579

Materials & Services

Quantity Unit

VIP D Per Ton

35.10 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 88579	
Generators Name and Mailing Address M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034			
Generators Phone: 0		0			
Transporter 1 Company Name 0 JGM 3271 AU536E		US EPA ID Number	Transporter's Phone		
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone		
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011		
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol	
a VIP Site Specific Fill		1	trk		
b					
Facility designated material designations: <u>Capital Development</u>					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)	E (red)
<u>Coplay Quarry</u>					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)	E (red)
Additional Description for Materials Listed Above:					
Site Specific Fill					
Special Handling Instructions & Additional Information: 0					
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous					
Print/Type Name GREG STYPUKOWSKI 601 Conch		Signature 		Date 12/15/2022	
Transporter 1 Acknowledgement of Receipt of Materials					
Print/Type Name Mike Aljandro		Signature 		Date 12-15-22	
Transporter 2 Acknowledgement of Receipt of Materials					
Print/Type Name		Signature		Date	
Discrepancy Indication Space:					
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.					
Print/Type Name		Signature 		Date 12/15/22	

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131404

Date: 12/15/2022

Time: 10:30:40 - 10:30:53

Gross: 92300 LB In Scale 1  
Tare: 28860 LB P.T.  
Net: 63440 LB

Truck: JGM3273

License: AW890H

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88578

Materials & Services

Quantity Unit

VIP D Per Ton

31.72 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document No. 88578
Generators Name and Mailing Address M5778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034		
Generators Phone: 0		0		
Transporter 1 Company Name 0	US EPA ID Number J6M 3273		Transporter's Phone AWB904	
Transporter 2 Company Name 0	US EPA ID Number		Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number		
		Facility's Phone 610-452-1011		
Shipping Name & Description of Materials				Containers
				No. Type
a VIP Site Specific Fill				1 trk
b				
Facility designated material designations:				
<u>Capital Development</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
<u>Coplay Quarry</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information:				
0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name GREG STYPUKOWSKI 6151 Comb.		Signature 		Date 12/05/2022
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name Jorge A. Morillo		Signature 		Date 12-15-2022
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature 		Date 12/15/22

ORIGINAL RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131412

Date: 12/15/2022

Time: 10:53:45 - 10:53:58

Gross: 91280 LB In Scale 1  
Tare: 26500 LB P.T.  
Net: 64780 LB

Truck: JEN62

License: AX780C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88576

Materials & Services

Quantity Unit

VIP D Per Ton

32.39 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No.	Project ID No.	Page #	Document Number:
	0	MSS22684	of	88576
Generators Name and Mailing Address		Site Address		
M5778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		4778 Broadway New York, NY 10034		
Generators Phone: 0		0		
Transporter 1 Company Name		US EPA ID Number	Transporter's Phone	
0 JAVCON #62 AX780C				
Transporter 2 Company Name		US EPA ID Number	Transporter's Phone	
0				
Designated Facility Name & Site Address		US EPA ID Number	Facility's Phone	
VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013			610-452-1011	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a VIP Site Specific Fill		1	Trk	
b				
Facility designated material designations:				
<u>Capital Development</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
<u>Coplay Quarry</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information:				
0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name		Signature	Date	
GREG STYPUKOWSKI GSI Const.			12/15/20	
Transporter 1 Acknowledgement of Receipt of Materials		Signature	Date	
Bullano B.			12-15-20	
Transporter 2 Acknowledgement of Receipt of Materials		Signature	Date	
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature	Date	
			12/15/20	

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131417

Date: 12/15/2022

Time: 11:03:55 - 11:04:31

Gross: 97980 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 72780 LB

Truck: JEN65

License: AW431C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88577

Materials & Services

Quantity Unit

VIP D Per Ton

36.39 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>88577</b>		
Generators Name and Mailing Address <b>M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034</b>				
Generators Phone: <b>0</b>		US EPA ID Number: <b>0</b>				
Transporter 1 Company Name <b>0 Jencor # 65</b>		US EPA ID Number <b>A7731X</b>	Transporter's Phone			
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone			
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>			
Shipping Name & Description of Materials			Containers	Total		
			No. Type	Quantity		
a <b>VIP Site Specific Fill</b>			1	trk		
b						
Facility designated material designations: <b>Capital Development</b>						
Clean Fill(green)		A (white)	B (Black)	C (yellow)	D (blue)	E (red)
<b>Coplay Quarry</b>						
Clean Fill(green)		A (white)	B (Black)	C (yellow)	D (blue)	E (red)
Additional Description for Materials Listed Above:						
Site Specific Fill						
Special Handling Instructions & Additional Information: <b>0</b>						
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous						
Print/Type Name <b>G Stypulowski</b>		Signature <i>[Signature]</i>		Date <b>12/15/2002</b>		
Transporter 1 Acknowledgement of Receipt of Materials						
Print/Type Name <b>Marcos Ortega</b>		Signature <i>[Signature]</i>		Date <b>12-15-2002</b>		
Transporter 2 Acknowledgement of Receipt of Materials						
Print/Type Name		Signature		Date		
Discrepancy Indication Space:						
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.						
Print/Type Name		Signature <i>[Signature]</i>		Date <b>12/15/2002</b>		

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131418

Date: 12/15/2022

Time: 11:05:56 - 11:06:09

Gross: 87940 LB In Scale 1  
Tare: 26400 LB P.T.  
Net: 61540 LB

Truck: JEN73

License: AX914D

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88574

Materials & Services

Quantity Unit

VIP D Per Ton

30.77 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>88574</b>
Generators Name and Mailing Address <b>M5778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>		
Generators Phone: <b>0</b>				
Transporter 1 Company Name <b>0</b> <i>Local Trucking AX914D</i>		US EPA ID Number <b>#23</b>	Transporter's Phone	
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials		Containers		Total
		No.	Type	Quantity
a <b>VIP Site Specific Fill</b>		1	trk	
b				
Facility designated material designations:				
<b>Capital Development</b>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
<b>Coplay Quarry</b>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information:				
0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>GREG STANCKOWSKI</b>		Signature <i>[Signature]</i>		Date <b>12/15/2022</b>
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <b>Leo Sepulveda</b>		Signature <i>[Signature]</i>		Date <b>12-15-22</b>
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above				
Print/Type Name		Signature <i>[Signature]</i>		Date <b>12/15/22</b>

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131421

Date: 12/15/2022

Time: 11:12:02 - 11:12:15

Gross: 93100 LB In Scale 1  
Tare: 26720 LB P.T.  
Net: 66380 LB

Truck: JEN66

License: AX723C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88575

Materials & Services

Quantity Unit

VIP D Per Ton

33.19 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 88575	
Generators Name and Mailing Address M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034 0 0			
Generators Phone: 0		JENOR TRUCKING			
Transporter 1 Company Name 0		US EPA ID Number AX123C	Transporter's Phone		
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone		
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011		
Shipping Name & Description of Materials			Containers	Total	
			No.	Quantity	
			Type	Units	
			Wt/Vol		
a VIP Site Specific Fill			1	trk	
b					
Facility designated material designations: <u>Capital Development</u>					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)	E (red)
<u>Coplay Quarry</u>					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)	E (red)
Additional Description for Materials Listed Above:					
Site Specific Fill					
Special Handling Instructions & Additional Information:					
0					
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous					
Print/Type Name GREG STYPUKOWSKI GSI Corp.		Signature 		Date 12/15/2022	
Transporter 1 Acknowledgement of Receipt of Materials		Signature 		Date 12-18-2022	
Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date	
Discrepancy Indication Space:					
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.					
Print/Type Name		Signature 		Date 12/15/22	

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131451  
Date: 12/15/2022  
Time: 12:43:41 - 12:44:00

Gross: 102200 LB In Scale 1  
Tare: 26720 LB P.T.  
Net: 75480 LB

Truck: JEN68  
Customer: ALL SUFFOLK MATERIALS CAP/All S  
Job: MSS22684 4778 Broadway  
Generator: MSS22684 4778 Broadway  
4778 Broadway  
New York NY

License: AX724C

Comment:

Manifest:88573

Materials & Services

Quantity Unit

---

VIP D Per Ton 37.74 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

<b>NON-HAZARDOUS MANIFEST</b>	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 88573
Generators Name and Mailing Address MS778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034		
Generators Phone: 0		0		
Transporter 1 Company Name 0		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a VIP Site Specific Fill		1	trk	
b				
Facility designated material designations: Capital Development				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
Coplay Quarry				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
				E (red)
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name GREG STYPUKOWSKI GDI Const.		Signature		Date 12/15/22
Transporter 1 Acknowledgement of Receipt of Materials		Signature		Date
Print/Type Name JULIO ECHIVARAY		Signature JAN		Date 12/15/22
Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature		Date 12/15/22

ORIGINAL RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131466

Date: 12/15/2022

Time: 14:08:01 - 14:08:14

Gross: 97980 LB In Scale 1  
Tare: 26200 LB P.T.  
Net: 71780 LB

Truck: JEN71

License: AX781C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88572

Materials & Services

Quantity Unit

VIP D Per Ton

35.89 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: <b>88572</b>
Generators Name and Mailing Address M578 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034		
Generators Phone: 0		0		
Transporter 1 Company Name 0		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials		Containers		
		No.	Type	Total Quantity
a VIP Site Specific Fill		1	trk	
b				
Facility designated material designations:				
<u>Capital Development</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	<input checked="" type="checkbox"/> D (blue)
<u>Coplay Quarry</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information:				
0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name		Signature		Date
GREG STYPUKOWSKI		GSI Comp.		12/15/2022
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
D S VARDOLAGUER				12/15/22
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature		Date
				12/15/22

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131467

Date: 12/15/2022

Time: 14:25:30 - 14:25:45

Gross: 95820 LB In Scale 1  
Tare: 26500 LB P.T.  
Net: 69320 LB

Truck: JEN67

License: AW847H

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88571

Materials & Services

Quantity Unit

VIP D Per Ton

34.66 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 88571
Generators Name and Mailing Address M5778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034		
Generators Phone: 0		0		
Transporter 1 Company Name 0		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a VIP Site Specific Fill		1	trk	
b				
Facility designated material designations: <u>Capital Development</u> Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red) <u>Coplay Quarry</u> Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above: Site Specific Fill				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name GREG STYPUKOWSKI		Signature <i>[Signature]</i>		Date 12/15/2002
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name Frank		Signature <i>[Signature]</i>		Date 12-15-2002
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date 12/15/02

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131477

Date: 12/15/2022

Time: 14:58:53 - 14:59:06

Gross: 101580 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 76380 LB

Truck: JEN60

License: AX913D

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88570

Materials & Services

Quantity Unit

VIP D Per Ton

38.19 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: <b>88570</b>
Generators Name and Mailing Address MS778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034 0 0		
Generators Phone: 0				
Transporter 1 Company Name 0 <i>Jeau Trucking #60 AX917D</i>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials		Containers No. Type Total Quantity Units Wt/Vol		
a VIP Site Specific Fill		1 trk		
b				
Facility designated material designations:				
<u>Capital Development</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	<span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)
<u>Coplay Quarry</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue) E (red)
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information:				
g				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <i>GRE G LTYWUKOWSKI</i>		Signature <i>[Signature]</i>		Date <i>12/15/2022</i>
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <i>[Signature]</i>		Signature <i>[Signature]</i>		Date <i>12/15/22</i>
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date <i>12/15/22</i>

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131480

Date: 12/15/2022

Time: 15:11:07 - 15:11:26

Gross: 96600 LB In Scale 1  
Tare: 26500 LB P.T.  
Net: 70100 LB

Truck: JEN62

License: AX780C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88569

Materials & Services

Quantity Unit

VIP D Per Ton

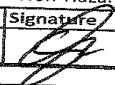

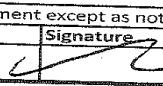
35.05 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>88569</b>
Generators Name and Mailing Address <b>M5778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>		
Generators Phone: <b>0</b>				
Transporter 1 Company Name <b>0 JAVICAV H62 AX780C</b>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a <b>VIP Site Specific Fill</b>		1	trk	
b				
Facility designated material designations: <b>Capital Development</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<b>Coplay Quarry</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional information: <b>0</b>				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>GREG STYPUKOWSKI 610/Condo</b>		Signature 	Date <b>12/15/22</b>	
Transporter 1 Acknowledgement of Receipt of Materials <b>6. Vilormo B.</b>		Signature 	Date <b>12-15-22</b>	
Transporter 2 Acknowledgement of Receipt of Materials		Signature	Date	
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature 	Date <b>12/15/22</b>	

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131482

Date: 12/15/2022

Time: 15:37:57 - 15:38:11

Gross: 92920 LB In Scale 1  
Tare: 28860 LB P.T.  
Net: 64060 LB

Truck: JGM3273

License: AW890H

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88568

Materials & Services

Quantity Unit

VIP D Per Ton

32.03 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 88568
Generators Name and Mailing Address MS778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034		
Generators Phone: 0		0		
Transporter 1 Company Name 0		US EPA ID Number AW890H	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials				
			Containers	Total
			No.	Quantity
			Type	Wt/Vol
a VIP Site Specific Fill			1	trk
b				
Facility designated material designations: Capital Development				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
Coplay Quarry				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information:				
0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name GREG STYPUKOWSKI		Signature <i>[Signature]</i>		Date 12/15/2020
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name Jorge A. Murillo		Signature <i>[Signature]</i>		Date 12-15-20
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date 12/15/20

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131485

Date: 12/15/2022

Time: 15:54:49 - 15:55:03

Gross: 98860 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 73660 LB

Truck: JEN65

License: AW431C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88567

Materials & Services

Quantity Unit

VIP D Per Ton

36.83 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 88567
Generators Name and Mailing Address MS778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY Generators Phone: 0		Site Address 4778 Broadway New York, NY 10034 0 0		
Transporter 1 Company Name 0 Jencux # 65		US EPA ID Number AT731Y	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials		Containers	Total	Units
		No.	Quantity	Wt/Vol
a VIP Site Specific Fill		1	trk	
b				
Facility designated material designations: Capital Development				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
Coplay Quarry				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name GREG STAPUICKOWSKI GSI Const.		Signature 	Date 12/15/2022	
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name MARCOS URAGA		Signature 	Date 12-15-22	
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature	Date	
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature	Date 12/15/22	

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131486

Date: 12/15/2022

Time: 15:57:03 - 15:57:17

Gross: 88300 LB In Scale 1  
Tare: 27500 LB P.T.  
Net: 60800 LB

Truck: JEN69

License: AS450Y

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88565

Materials & Services

Quantity Unit

VIP D Per Ton

30.40 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 88565
Generators Name and Mailing Address M5778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034 0 0		
Generators Phone: 0				
Transporter 1 Company Name 0		US EPA ID Number	Transporter's Phone	
<i>Jencar</i> <span style="border:1px solid black; border-radius:50%; padding:5px;">69</span>			<i>AS950X</i>	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a VIP Site Specific Fill		1	trk	
b				
Facility designated material designations:				
Capital Development				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
Coplay Quarry				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information:				
0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <i>GREG STYVULKOWSKI</i>		Signature <i>[Signature]</i>	Date <i>12/15/22</i>	
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <i>Francisco</i>		Signature <i>[Signature]</i>	Date <i>12-15-22</i>	
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature	Date	
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>	Date <i>12/15/22</i>	

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131489

Date: 12/15/2022

Time: 16:30:01 - 16:30:20

Gross: 94840 LB In Scale 1  
Tare: 26720 LB P.T.  
Net: 68120 LB

Truck: JEN66

License: AX723C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88564

Materials & Services

Quantity Unit

VIP D Per Ton

34.06 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: <b>88564</b>	
Generators Name and Mailing Address MS778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034 0 0			
Generators Phone: 0					
Transporter 1 Company Name 0 <i>JENON TRUCKING</i>		US EPA ID Number <i>AX723C</i>	Transporter's Phone		
Transporter 2 Company Name 0 <i>HCG</i>		US EPA ID Number	Transporter's Phone		
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011		
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol	
a VIP Site Specific Fill		1	trk		
b					
Facility designated material designations: <u>Capital Development</u>					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	<input type="checkbox"/> D (blue)	E (red)
<u>Coplay Quarry</u>					
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)	E (red)
Additional Description for Materials Listed Above:					
Site Specific Fill					
Special Handling Instructions & Additional Information: 0					
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous					
Print/Type Name <i>GREG STAPULKOWSKI CN</i>		Signature <i>[Signature]</i>		Date <i>12/15/2022</i>	
Transporter 1 Acknowledgement of Receipt of Materials					
Print/Type Name <i>MITCHELL SURCOZ</i>		Signature <i>[Signature]</i>		Date <i>12-15-2022</i>	
Transporter 2 Acknowledgement of Receipt of Materials					
Print/Type Name		Signature		Date	
Discrepancy Indication Space:					
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.					
Print/Type Name		Signature <i>[Signature]</i>		Date <i>12/15/22</i>	

ORIGINAL RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131490

Date: 12/15/2022

Time: 16:42:09 - 16:42:31

Gross: 97920 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 72720 LB

Truck: JEN55

License: AU853R

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88563

Materials & Services

Quantity Unit

VIP D Per Ton

36.36 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

<b>NON-HAZARDOUS MANIFEST</b>		1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 88563
Generators Name and Mailing Address MS778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034			
Generators Phone: 0		0			
Transporter 1 Company Name 0 J... ST AV 853R		US EPA ID Number	Transporter's Phone		
Transporter 2 Company Name		US EPA ID Number	Transporter's Phone		
Designated Facility Name & Site Address VIP Capita Development 1 Capital Blvd East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011		
Shipping Name & Description of Materials		Containers		Total	Units
a VIP Site Specific Fill		No.	Type	Quantity	Wt/Vc
b Facility designated material designations: Capital Delopment		1	trk		
Clean Fireen) A (white) B (Black) C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)					
Coplay Qty					
Clean Fireen) A (white) B (Black) C (yellow) D (blue) E (red)					
Additional Deson for Materials Listed Above:					
Site Specific Fill					
Special Handling Instructions & Additional Information: 0					
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous					
Print/Type N: GREG PUKOWSKI		Signature 		Date 12/15/2022	
Transporter 1 Acknowledgement of Receipt of Materials		Signature John H		Date 12-15-22	
Print/Type N: Jo		Signature		Date	
Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date	
Print/Type N:		Signature		Date	
Discrepancy (If Space):					
Facility Owner Certification of Receipt of Materials Covered by this document except as noted above.		Signature 		Date 12/15/22	
Print/Type N:		Signature		Date	

GENERATOR  
TRANSPORTER  
FACILITY

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131491

Date: 12/15/2022

Time: 16:52:42 - 16:52:56

Gross: 97580 LB In Scale 1  
Tare: 28880 LB P.T.  
Net: 68700 LB

Truck: JGM3271

License: AU536E

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88566

Materials & Services

Quantity Unit

VIP D Per Ton

34.35 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST		1. Generators US EPA ID No. 0		Project ID No. MSS22684		Page # of		Document Number: 88566		
Generators Name and Mailing Address M5778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY Generators Phone: 0					Site Address 4778 Broadway New York, NY 10034 0 0					
Transporter 1 Company Name 0 JGM 3271 AU536E					US EPA ID Number		Transporter's Phone			
Transporter 2 Company Name 0					US EPA ID Number		Transporter's Phone			
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013					US EPA ID Number		Facility's Phone 610-452-1011			
Shipping Name & Description of Materials							Containers		Total	Units
a VIP Site Specific Fill							No.	Type	Quantity	Wt/Vol
b							1	trk		
Facility designated material designations: Capital Development										
Clean Fill(green)		A (white)		B (Black)		C (yellow)		D (blue)	E (red)	
Coplay Quarry										
Clean Fill(green)		A (white)		B (Black)		C (yellow)		D (blue)	E (red)	
Additional Description for Materials Listed Above:										
Site Specific Fill										
Special Handling Instructions & Additional Information: 0										
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous										
Print/Type Name GREG STYPUKOWSKI GSI Const.					Signature 			Date 12/15/22		
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name Mike Alejandro					Signature 			Date 12-15-22		
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name					Signature			Date		
Discrepancy Indication Space:										
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.										
Print/Type Name					Signature 			Date 12/15/22		

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131492

Date: 12/15/2022

Time: 17:05:34 - 17:05:50

Gross: 89100 LB In Scale 1  
Tare: 26400 LB P.T.  
Net: 62700 LB

Truck: JEN73

License: AX914D

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88561

Materials & Services

Quantity Unit

VIP D Per Ton

31.35 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>88561</b>
Generators Name and Mailing Address <b>M5778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>		
Generators Phone: <b>0</b>				
Transporter 1 Company Name <b>0</b> <i>Senior Trucking AX914D</i>		US EPA ID Number <b>#23</b>	Transporter's Phone	
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials		Containers No. Type	Total Quantity	Units Wt/Vol
a <b>VIP Site Specific Fill</b>		1	crk	
b				
Facility designated material designations: <b>Capital Development</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<b>Coplay Quarry</b>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information:				
d				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>GRIG STYPUKOWSKI</b>		Signature <i>GRIG STYPUKOWSKI</i>		Date <b>12/15/2022</b>
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <b>Leo Sepurveda</b>		Signature <i>Leo Sepurveda</i>		Date <b>12-15-22</b>
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>		Date <b>12/15/22</b>

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131493

Date: 12/15/2022

Time: 17:10:03 - 17:10:24

Gross: 94520 LB In Scale 1  
Tare: 29280 LB P.T.  
Net: 65240 LB

Truck: JGM3270

License: AT577Z

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88560

Materials & Services

Quantity Unit

VIP D Per Ton

32.62 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: <b>88560</b>
Generators Name and Mailing Address M5778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034		
Generators Phone: 0		0		
Transporter 1 Company Name 0 <i>JCM Trucking LLC #3270</i>		US EPA ID Number <i>A15777</i>	Transporter's Phone	
Transporter 2 Company Name		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials			Containers No. Type	Total Quantity
a <u>VIP Site Specific Fill</u>			1	trk
b				
Facility designated material designations: <u>Capital Development</u>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<u>Coplay Quarry</u>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <i>GRE G STYRUKOWSKI</i>		Signature <i>GAJ Condon</i>	Date <i>12/15/22</i>	
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <i>Shon J. Barrero</i>		Signature <i>[Signature]</i>	Date <i>12/15/22</i>	
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature	Date	
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature <i>[Signature]</i>	Date <i>12/15/22</i>	

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131503

Date: 12/16/2022

Time: 07:33:38 - 07:33:52

Gross: 81220 LB In Scale 1  
Tare: 26700 LB P.T.  
Net: 54520 LB

Truck: JEN63

License: AS702T

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88562

Materials & Services

Quantity Unit

VIP D Per Ton

27.26 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: <b>88562</b>
Generators Name and Mailing Address M5778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034 0 0		
Generators Phone: 0				
Transporter 1 Company Name 0 <i>JENCAR # 63</i>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials				Containers No. Type
a VIP Site Specific Fill				1 trk
b				Total Quantity
				Units Wt/Vol
Facility designated material designations: <u>Capital Development</u>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<u>Coplay Quarry</u>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above: Site Specific Fill				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>GREG STYBULLOWSKI</b>		Signature <i>[Signature]</i>		Date 12/15/2022
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <b>Anthony</b>		Signature <i>[Signature]</i>		Date 12/15-22
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above:				
Print/Type Name		Signature <i>[Signature]</i>		Date 12/16/22

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131306

Date: 12/14/2022

Time: 13:11:56 - 13:12:12

Gross: 93720 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 68520 LB

Truck: JEN64

License: AS416T

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88590

Materials & Services

Quantity Unit

VIP D Per Ton

34.26 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>88590</b>
Generators Name and Mailing Address <b>M5778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>		
Generators Phone: <b>0</b>				
Transporter 1 Company Name <b>Green Trucking #67</b>		US EPA ID Number <b>AS416T</b>	Transporter's Phone	
Transporter 2 Company Name		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a <b>VIP Site Specific Fill</b>		1	crk	
b				
Facility designated material designations:				
<b>Capital Development</b>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
<b>Coplay Quarry</b>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue)
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information:				
0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>GRZC STYPUKOWSKI GAI Contr.</b>		Signature 	Date <b>12/14/2022</b>	
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name 		Signature 	Date	
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature	Date	
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above				
Print/Type Name		Signature 	Date <b>12/14/22</b>	

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131309

Date: 12/14/2022

Time: 13:18:52 - 13:19:06

Gross: 96900 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 71700 LB

Truck: JEN60

License: AX913D

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88591

Materials & Services

Quantity Unit

VIP D Per Ton

35.85 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 88591																
Generators Name and Mailing Address MS778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034																		
Generators Phone: 0		0																		
Transporter 1 Company Name 0 <i>Gener Trucking #60 AX913D</i>		US EPA ID Number	Transporter's Phone																	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone																	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011																	
Shipping Name & Description of Materials																				
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">a</th> <th rowspan="2">VIP Site Specific Fill</th> <th colspan="2">Containers</th> <th rowspan="2">Total</th> <th rowspan="2">Units</th> </tr> <tr> <th>No.</th> <th>Type</th> <th>Quantity</th> <th>Wt/Vol</th> </tr> </thead> <tbody> <tr> <td>b</td> <td></td> <td>1</td> <td>Trk</td> <td></td> <td></td> </tr> </tbody> </table>					a	VIP Site Specific Fill	Containers		Total	Units	No.	Type	Quantity	Wt/Vol	b		1	Trk		
a	VIP Site Specific Fill	Containers		Total			Units													
		No.	Type		Quantity	Wt/Vol														
b		1	Trk																	
Facility designated material designations: <u>Capital Development</u>																				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)																				
<u>Coplay Quarry</u>																				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)																				
Additional Description for Materials Listed Above:																				
Site Specific Fill																				
Special Handling instructions & Additional Information:																				
0																				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous																				
Print/Type Name <i>GREG STYPUKOWSKI GAI Corp.</i>		Signature <i>[Signature]</i>		Date 12/24/2022																
Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>[Signature]</i>		Date 12/24/22																
Print/Type Name		Signature		Date																
Transporter 2 Acknowledgement of Receipt of Materials		Signature		Date																
Print/Type Name		Signature		Date																
Discrepancy Indication Space:																				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.																				
Print/Type Name		Signature <i>[Signature]</i>		Date 12/24/22																

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131341

Date: 12/14/2022

Time: 14:49:19 - 14:49:33

Gross: 90700 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 65500 LB

Truck: JEN55

License: AU853R

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88589

Materials & Services

Quantity Unit

VIP D Per Ton

32.75 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Cheyanne Pysher 78317

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>88589</b>
Generators Name and Mailing Address <b>M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>		
Generators Phone: <b>0</b>				
Transporter 1 Company Name <b>0 Jera 55 AV 853R</b>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name <b>0</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials		Containers	Total	Units
		No.	Type	Quantity
<b>a VIP Site Specific Fill</b>		<b>1</b>	<b>Trk</b>	
<b>b</b>				
Facility designated material designations:				
<b>Capital Development</b>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	<input checked="" type="checkbox"/> D (blue) E (red)
<b>Coplay Quarry</b>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue) E (red)
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information:				
<b>0</b>				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>GREG STYJULKOWSKI GNI Lead</b>		Signature 		Date <b>12/14/2020</b>
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <b>JOHN H</b>		Signature 		Date <b>12/14/2020</b>
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name		Signature 		Date <b>12/14/2020</b>

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131738

Date: 12/20/2022

Time: 09:06:34 - 09:07:23

Gross: 96160 LB In Scale 1  
Tare: 26720 LB P.T.  
Net: 69440 LB

Truck: JEN68

License: AX724C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88501

Materials & Services

Quantity Unit

VIP D Per Ton

34.72 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Don Merwarth 83305

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 88501
Generators Name and Mailing Address M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034		
Generators Phone: 0		0		
Transporter 1 Company Name 0 <i>JENCAN</i>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials				Containers No. Type Total Quantity Units Wt/Vol
a	VIP Site Specific Fill			1
b				erk
Facility designated material designations: <u>Capital Development</u>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<u>Coplay Quarry</u>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <i>GREG STYRUCKOWSKI</i>		Signature <i>[Signature]</i>		Date 12/20/22
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <i>GREG JONES</i>		Signature <i>JAN</i>		Date 12/20/22
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name <i>Don Merwanski</i>		Signature <i>[Signature]</i>		Date 12-20-22

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131745

Date: 12/20/2022

Time: 09:20:20 - 09:21:02

Gross: 86820 LB In Scale 1  
Tare: 26700 LB P.T.  
Net: 60120 LB

Truck: JEN63

License: AS702T

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88502

Materials & Services

Quantity Unit

VIP D Per Ton

30.06 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Don Merwarth 83305

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: <b>88502</b>
Generators Name and Mailing Address MS778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034		
Generators Phone: 0		0		
Transporter 1 Company Name 0 <i>Edwards #02 157027</i>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a VIP Site Specific Fill		1	trk	
b				
Facility designated material designations:				
<u>Capital Development</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	<span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)
<u>Coplay Quarry</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue) E (red)
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>GREG STYPUKOWSKI</b>		Signature <i>[Signature]</i>		Date <b>12/20/22</b>
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <i>William C</i>		Signature <i>[Signature]</i>		Date <b>12/20/22</b>
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name <b>DON Mennant</b>		Signature <i>[Signature]</i>		Date <b>12-20-22</b>

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131747  
Date: 12/20/2022  
Time: 09:24:32 - 09:25:23

Gross: 95340 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 70140 LB

Truck: JEN57  
Customer: ALL SUFFOLK MATERIALS CAP/All S  
Job: MSS22684 4778 Broadway  
Generator: MSS22684 4778 Broadway  
4778 Broadway  
New York NY

License: AU854R

Comment:

Manifest:88503

Materials & Services

Quantity Unit

---

VIP D Per Ton 35.07 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Don Merwarth 83305

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 88503																	
Generators Name and Mailing Address MS778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034																			
Generators Phone: 0		0																			
Transporter 1 Company Name 0 <b>Jencar Trucking</b>		US EPA ID Number	Transporter's Phone																		
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone																		
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011																		
Shipping Name & Description of Materials		<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Containers No.</th> <th rowspan="2">Type</th> <th rowspan="2">Total Quantity</th> <th colspan="2">Units</th> </tr> <tr> <th>Wt</th> <th>Vol</th> </tr> </thead> <tbody> <tr> <td>a</td> <td>VIP Site Specific Fill</td> <td></td> <td></td> <td></td> </tr> <tr> <td>b</td> <td></td> <td>1</td> <td>Trk</td> <td></td> </tr> </tbody> </table>			Containers No.	Type	Total Quantity	Units		Wt	Vol	a	VIP Site Specific Fill				b		1	Trk	
Containers No.	Type	Total Quantity	Units																		
			Wt	Vol																	
a	VIP Site Specific Fill																				
b		1	Trk																		
Facility designated material designations: Capital Development		<b>AU 854 R 76</b>																			
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border:1px solid black; padding:2px;">D (blue)</span> E (red)																					
Coplay Quarry																					
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)																					
Additional Description for Materials Listed Above:																					
Site Specific Fill																					
Special Handling Instructions & Additional Information: 0																					
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous																					
Print/Type Name <b>GREG STYPULKOWSKI</b>		Signature <i>[Signature]</i>		Date <b>12/20/22</b>																	
Transporter 1 Acknowledgement of Receipt of Materials																					
Print/Type Name <b>Edward Bongas</b>		Signature <i>[Signature]</i>		Date																	
Transporter 2 Acknowledgement of Receipt of Materials																					
Print/Type Name		Signature		Date																	
Discrepancy Indication Space:																					
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.																					
Print/Type Name <b>Don Marwa</b>		Signature <i>[Signature]</i>		Date <b>12-20-22</b>																	

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131752

Date: 12/20/2022

Time: 09:34:13 - 09:34:54

Gross: 98500 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 73300 LB

Truck: JEN60

License: AX913D

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88504

Materials & Services

Quantity Unit

VIP D Per Ton

36.65 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Don Merwarth 83305

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

<b>NON-HAZARDOUS MANIFEST</b>	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: <b>88504</b>
Generators Name and Mailing Address M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY Generators Phone: 0		Site Address 4778 Broadway New York, NY 10034 0 0		
Transporter 1 Company Name 0 <i>Clean Trucking #60 AX913D</i>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials				Containers No. Type
a VIP Site Specific Fill				1 trk
b				
Facility designated material designations: <u>Capital Development</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	<span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)
<u>Coplay Quarry</u>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue) E (red)
Additional Description for Materials Listed Above: Site Specific Fill				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <i>GREG STYPUKOWSKI GNI Comm</i>		Signature <i>[Signature]</i>	Date <i>12/20/22</i>	
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <i>[Signature]</i>		Signature <i>[Signature]</i>	Date <i>12/20/22</i>	
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature	Date	
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name <i>Jon Merwath</i>		Signature <i>[Signature]</i>	Date <i>12-20-22</i>	

ORIGINAL RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131758  
Date: 12/20/2022  
Time: 09:47:25 - 09:48:24

Gross: 93580 LB In Scale 1  
Tare: 26500 LB P.T.  
Net: 67080 LB

Truck: JEN62  
Customer: ALL SUFFOLK MATERIALS CAP/All S  
Job: MSS22684 4778 Broadway  
Generator: MSS22684 4778 Broadway  
4778 Broadway  
New York NY

License: AX780C

Comment:

Manifest:88505

Materials & Services

Quantity Unit

VIP D Per Ton

33.54 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Don Merwarth 83305

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 88505
Generators Name and Mailing Address M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034		
Generators Phone: 0		0		
Transporter 1 Company Name 0 JAVUCAN #62 ACT900		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials			Containers No.	Total Quantity
a VIP Site Specific Fill			1	trk
b				
Facility designated material designations: <u>Capital Development</u>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<u>Coplay Quarry</u>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name GREG STYRUCKOWSKI GA1 Cont.		Signature <i>[Signature]</i>		Date 12/20/22
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name Guillermo D.		Signature <i>[Signature]</i>		Date 12-20-22
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name Don Merwani		Signature <i>[Signature]</i>		Date 12-20-22

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131761  
Date: 12/20/2022  
Time: 09:55:45 - 09:56:20

Gross: 90740 LB In Scale 1  
Tare: 26400 LB P.T.  
Net: 64340 LB

Truck: JEN73  
Customer: ALL SUFFOLK MATERIALS CAP/All S  
Job: MSS22684 4778 Broadway  
Generator: MSS22684 4778 Broadway  
4778 Broadway  
New York NY

License: AX914D

Comment:

Manifest:88507

Materials & Services

Quantity Unit

---

VIP D Per Ton 32.17 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Don Merwarth 83305

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 88507												
Generators Name and Mailing Address MS778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034 0 0														
Generators Phone: 0																
Transporter 1 Company Name <i>Seneca Trucking</i>		US EPA ID Number <i>AX914D</i>	Transporter's Phone													
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone													
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011													
Shipping Name & Description of Materials																
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">a</th> <th colspan="2">Containers</th> <th rowspan="2">Total Quantity</th> <th rowspan="2">Units Wt/Vol</th> </tr> <tr> <th>No.</th> <th>Type</th> </tr> </thead> <tbody> <tr> <td>VIP Site Specific Fill</td> <td>1</td> <td>Trk</td> <td></td> <td></td> </tr> </tbody> </table>					a	Containers		Total Quantity	Units Wt/Vol	No.	Type	VIP Site Specific Fill	1	Trk		
a	Containers		Total Quantity	Units Wt/Vol												
	No.	Type														
VIP Site Specific Fill	1	Trk														
Facility designated material designations: <u>Capital Development</u>  Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)																
<u>Coplay Quarry</u>  Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)																
Additional Description for Materials Listed Above:																
Site Specific Fill																
Special Handling Instructions & Additional Information: 0																
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous																
Print/Type Name <i>Craig G. Pulko</i>		Signature <i>[Signature]</i>	Date <i>12/20/22</i>													
Transporter 1 Acknowledgement of Receipt of Materials																
Print/Type Name <i>Leo Sepulveda</i>		Signature <i>[Signature]</i>	Date <i>12-20-22</i>													
Transporter 2 Acknowledgement of Receipt of Materials																
Print/Type Name		Signature	Date													
Discrepancy Indication Space:																
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.																
Print/Type Name <i>Don Merwath</i>		Signature <i>[Signature]</i>	Date <i>12-20-22</i>													

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131765

Date: 12/20/2022

Time: 10:05:34 - 10:06:32

Gross: 92220 LB In Scale 1  
Tare: 26720 LB P.T.  
Net: 65500 LB

Truck: JEN66

License: AX723C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88506

Materials & Services

Quantity Unit

VIP D Per Ton

32.75 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Don Merwarth 83305

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: <b>88506</b>
Generators Name and Mailing Address M5778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034 0 0		
Generators Phone: 0 <b>TENOR Trucking</b>				
Transporter 1 Company Name 0		US EPA ID Number <b>A7723C</b>	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials				Containers No. Type Total Quantity Units Wt/Vol
a VIP Site Specific Fill				1 trk
b				
Facility designated material designations: <u>Capital Development</u>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<u>Coplay Quarry</u>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>GREG STYPUKOWSKI</b>		Signature <i>[Signature]</i>		Date <b>12/20/2022</b>
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <b>MIVIAN SURCO</b>		Signature <i>[Signature]</i>		Date <b>12.20.2022</b>
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name <b>DON MERVANK</b>		Signature <i>[Signature]</i>		Date <b>12.20.22</b>

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131832

Date: 12/20/2022

Time: 13:13:05 - 13:13:55

Gross: 99340 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 74140 LB

Truck: JEN60

License: AX913D

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88508

Materials & Services

Quantity Unit

VIP D Per Ton

37.07 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Don Merwarth 83305

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 88508
Generators Name and Mailing Address MS778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034		
Generators Phone: 0		0		
Transporter 1 Company Name 0 <i>Genex Trucking #60 AX913D</i>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a VIP Site Specific Fill		1	trk	
b				
Facility designated material designations: Capital Development				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
Coplay Quarry				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above: Site Specific Fill				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <i>CRIS STYPUKOWSKI</i>		Signature <i>[Signature]</i>	Date 12/20/22	
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <i>[Signature]</i>		Signature <i>[Signature]</i>	Date 12/20/22	
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature	Date	
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name <i>Don Menward</i>		Signature <i>[Signature]</i>	Date 12-20-22	

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131837

Date: 12/20/2022

Time: 13:26:35 - 13:27:27

Gross: 94920 LB In Scale 1  
Tare: 26500 LB P.T.  
Net: 68420 LB

Truck: JEN62

License: AX780C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88509

Materials & Services

Quantity Unit

VIP D Per Ton

34.21 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Don Merwarth 83305

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 88509
Generators Name and Mailing Address M5778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034		
Generators Phone: 0		0		
Transporter 1 Company Name 0 <b>SUNCAR #02 ADCT80C</b>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials		Containers		Total
		No.	Type	Quantity
a VIP Site Specific Fill		1	Trk	
b				
Facility designated material designations: <u>Capital Development</u>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<u>Coplay Quarry</u>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above: Site Specific Fill				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>GREG STYPUKOWSKI</b>		Signature <i>[Signature]</i>		Date 12/20/2022
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <b>Guillermo B.</b>		Signature <i>[Signature]</i>		Date 12-20-22
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name <b>DON MERRILL</b>		Signature <i>[Signature]</i>		Date 11-20-22

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131840

Date: 12/20/2022

Time: 13:37:04 - 13:37:54

Gross: 99000 LB In Scale 1  
Tare: 26720 LB P.T.  
Net: 72280 LB

Truck: JEN68

License: AX724C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88510

Materials & Services

Quantity Unit

VIP D Per Ton

36.14 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Don Merwarth 83305

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

<b>NON-HAZARDOUS MANIFEST</b>	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: <b>88510</b>
Generators Name and Mailing Address M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034		
Generators Phone: 0		0		
Transporter 1 Company Name 0		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a VIP Site Specific Fill		1	trk	
b				
Facility designated material designations: Capital Development				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	<span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)
Coplay Quarry				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue) E (red)
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>GREG STYPUKOWSKI</b>		Signature <i>[Signature]</i>	Date 8/20/2011	
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <b>JULIO B...</b>		Signature <i>[Signature]</i>	Date 12/20/11	
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature	Date	
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name <b>Dan Meriwether</b>		Signature <i>[Signature]</i>	Date 12-20-11	

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131848

Date: 12/20/2022

Time: 13:54:30 - 13:55:41

Gross: 100480 LB In Scale 1  
Tare: 26720 LB P.T.  
Net: 73760 LB

Truck: JEN66

License: AX723C

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88511

Materials & Services

Quantity Unit

VIP D Per Ton

36.88 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Don Merwarth 83305

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. <b>0</b>	Project ID No. <b>MSS22684</b>	Page # of	Document Number: <b>88511</b>
Generators Name and Mailing Address <b>M\$778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY</b>		Site Address <b>4778 Broadway New York, NY 10034 0 0</b>		
Generators Phone: <b>0</b>				
Transporter 1 Company Name <b>JENCO TRUCKING</b>		US EPA ID Number <b>AX23C</b>	Transporter's Phone	
Transporter 2 Company Name <b>#66</b>		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address <b>VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013</b>		US EPA ID Number	Facility's Phone <b>610-452-1011</b>	
Shipping Name & Description of Materials		Containers		Units
		No.	Type	Wt/Vol
a <b>VIP Site Specific Fill</b>		1	trk	
b				
Facility designated material designations:				
<b>Capital Development</b>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	<b>D (blue)</b> E (red)
<b>Coplay Quarry</b>				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue) E (red)
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information:				
0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <b>EDL Contr. GREG STYPUKOVSKI</b>		Signature 		Date <b>12/10/2022</b>
Transporter 1 Acknowledgement of Receipt of Materials Print/Type Name <b>Milton Suarez</b>		Signature <b>MITS</b>		Date <b>12 20 2022</b>
Transporter 2 Acknowledgement of Receipt of Materials Print/Type Name		Signature		Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name <b>Don Meriwell</b>		Signature 		Date <b>12/10/22</b>

ORIGINAL RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131858

Date: 12/20/2022

Time: 14:22:22 - 14:23:10

Gross: 95340 LB In Manual Wt M  
Tare: 25200 LB P.T.  
Net: 70140 LB

Truck: JEN76

License: AU854R

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88503

Materials & Services

Quantity Unit

VIP D Per Ton

35.07 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Don Merwarth 83305

### MATERIAL SOLUTION SERVICES, INC.

21 East 10th Street  
Northampton, PA 18067  
610-440-2301

<b>NON-HAZARDOUS MANIFEST</b>	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: <b>88503</b>
Generators Name and Mailing Address M5778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY			Site Address 4778 Broadway New York, NY 10034	
Generators Phone: 0			0	
Transporter 1 Company Name 0 <i>Zencor Holding</i>			US EPA ID Number	Transporter's Phone
Transporter 2 Company Name 0			US EPA ID Number	Transporter's Phone
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013			US EPA ID Number	Facility's Phone 610-452-1011
Shipping Name & Description of Materials			Containers No.	Total Quantity
a VIP Site Specific Fill			1	1
b			Type trk	Units Wt/Vol
Facility designated material designations: <u>Capital Development</u> <span style="margin-left: 100px;">AU 854 R 76</span> Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<u>Coplay Quarry</u> Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name			Signature	Date
0006 <i>5100000000</i>			<i>[Signature]</i>	<i>[Date]</i>
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name			Signature	Date
<i>[Signature]</i>			<i>[Signature]</i>	
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name			Signature	Date
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name			Signature	Date
<i>Don Marwardt</i>			<i>[Signature]</i>	<i>11-20-17</i>

TRANSPORTER COPY

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131859

Date: 12/20/2022

Time: 14:25:00 - 14:26:34

Gross: 88100 LB In Scale 1  
Tare: 25200 LB P.T.  
Net: 62900 LB

Truck: JEN76

License: AU854R

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88559

Materials & Services

Quantity Unit

VIP D Per Ton

31.45 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Don Merwarth 83305

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 88559
Generators Name and Mailing Address M5778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034 0 0		
Generators Phone: 0				
Transporter 1 Company Name 0 <i>Jencor Trucking</i>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a VIP Site Specific Fill		1	trk	
b				
Facility designated material designations: <u>Capital Development</u> Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red) <i>AU 854R 76</i> <u>Coplay Quarry</u> Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above: Site Specific Fill				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <i>GREG STYPUKOWSKI GMI Corp</i>		Signature <i>[Signature]</i>	Date <i>12/29/2020</i>	
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <i>Edwin Bangor</i>		Signature <i>Edwin Bangor</i>	Date	
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature	Date	
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name <i>Don Meriwether</i>		Signature <i>[Signature]</i>	Date <i>12-20-22</i>	

ORIGINAL-RETURN TO GENERATOR



Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131866

Date: 12/20/2022

Time: 14:43:34 - 14:44:18

Gross: 95100 LB In Scale 1  
Tare: 26700 LB P.T.  
Net: 68400 LB

Truck: JEN63

License: AS702T

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88558

Materials & Services

Quantity Unit

VIP D Per Ton

34.20 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Don Merwarth 83305

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: 88558
Generators Name and Mailing Address M5778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034		
Generators Phone: 0		0		
Transporter 1 Company Name 0 <i>Seneca #63 AS702T</i>		US EPA ID Number	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials				
			Containers	Total
			No.	Quantity
			Type	Wt/Vol
a VIP Site Specific Fill			1	trk
b				
Facility designated material designations: <u>Capital Development</u>				
Clean Fill(green)    A (white)    B (Black)    C (yellow) <span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)				
<u>Coplay Quarry</u>				
Clean Fill(green)    A (white)    B (Black)    C (yellow)    D (blue)    E (red)				
Additional Description for Materials Listed Above:				
Site Specific Fill				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <i>GREG STY PULKOWSKI - GDI Co. Inc</i>		Signature <i>[Signature]</i>	Date 12/20/2020	
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <i>[Signature]</i>		Signature <i>[Signature]</i>	Date 12/20/2020	
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature	Date	
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name <i>Don Merwarth</i>		Signature <i>[Signature]</i>	Date 12-20-22	

ORIGINAL-RETURN TO GENERATOR

Core Construction-PA-Capital Development

1 Capital Blvd East  
East Bangor, PA 18013

Ticket: 5000131899

Date: 12/20/2022

Time: 16:04:10 - 16:04:47

Gross: 93640 LB In Scale 1  
Tare: 26400 LB P.T.  
Net: 67240 LB

Truck: JEN73

License: AX914D

Customer: ALL SUFFOLK MATERIALS CAP/All S

Job: MSS22684 4778 Broadway

Generator: MSS22684 4778 Broadway

4778 Broadway

New York NY

Comment:

Manifest:88588

Materials & Services

Quantity Unit

VIP D Per Ton

33.62 Ton

Driver: \_\_\_\_\_

Deputy Weighmaster: Don Merwarth 83305

**MATERIAL SOLUTION SERVICES, INC.**

21 East 10th Street  
 Northampton, PA 18067  
 610-440-2301

NON-HAZARDOUS MANIFEST	1. Generators US EPA ID No. 0	Project ID No. MSS22684	Page # of	Document Number: <b>88588</b>
Generators Name and Mailing Address MS778 Broadway LLC 15 Verbana Ave. Suite #200 Floral Park, NY		Site Address 4778 Broadway New York, NY 10034		
Generators Phone: 0		0		
Transporter 1 Company Name 0 <i>Alcar Trucking AX914D</i>		US EPA ID Number <i>#73</i>	Transporter's Phone	
Transporter 2 Company Name 0		US EPA ID Number	Transporter's Phone	
Designated Facility Name & Site Address VIP Capital Development 1 Capital Blvd. East Bangor, PA 18013		US EPA ID Number	Facility's Phone 610-452-1011	
Shipping Name & Description of Materials		Containers No.	Total Quantity	Units Wt/Vol
a VIP Site Specific Fill		1	erk	
b				
Facility designated material designations: Capital Development				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	<span style="border: 1px solid black; padding: 2px;">D (blue)</span> E (red)
Coplay Quarry				
Clean Fill(green)	A (white)	B (Black)	C (yellow)	D (blue) E (red)
Additional Description for Materials Listed Above: Site Specific Fill				
Special Handling Instructions & Additional Information: 0				
GENERATOR CERTIFICATIONS: I certify the material described above on this document are Non-Hazardous				
Print/Type Name <i>Greg Gutierrez</i>		Signature <i>[Signature]</i>	Date <i>12/29/2022</i>	
Transporter 1 Acknowledgement of Receipt of Materials				
Print/Type Name <i>Leo Sepulveda</i>		Signature <i>[Signature]</i>	Date <i>12-20-22</i>	
Transporter 2 Acknowledgement of Receipt of Materials				
Print/Type Name		Signature	Date	
Discrepancy Indication Space:				
Facility Owner or Operator Certification of Receipt of Materials Covered by this document except as noted above.				
Print/Type Name <i>Don Merwants</i>		Signature <i>[Signature]</i>	Date <i>12-20-22</i>	

ORIGINAL-RETURN TO GENERATOR

Clean Earth of Carteret  
24 Middlesex Ave

Carteret, NJ 07008

PH: Fax:

Plantest: 2615956  
Vehicle: 07JENCR60  
Decals:

Customer: All Suffolk Materials  
Generator: #4778 Broadway LLC  
Address: 4778 Broadway  
NEW YORK, NY 10034

Material: Recyclable soil/rock/material

Driver:  
Comments:

Ticket: 5014853

Date

Time

Scale

In: 01/04/2023 08:40:33

CEC

Out: 01/04/2023 08:40:33

CEC

Lbs

Tn

Gross: 87420.00 43.71

Tare: 28600.00 14.3

Net: 58820.00 29.41

Carrier:  
Profile #: 223074853  
Job: 4778 Broadway  
Address: 4778 Broadway  
NEW YORK, NY 10034

Facility: Clean Earth of Carteret  
Jesus Serrano

TRANSPORTER

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Angel Gonzalez Title: Site Manager  
Signature: [Signature] Date and Time: 1/4/23 7:41 AM

**TRANSPORTER**

Company: Jayco Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: AGD14AX1913 D  
Driver: John H. [Signature] SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: John H. [Signature] Date and Time: 1-4-23 12:00

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: John H. [Signature] Date and Time: 1-4-23 12:00

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 1-4-23

Clean Earth of Carteret  
24 Middlesex Ave

Ticket#: 3014810

Date

Time

Scale

Carteret, NJ 07003

In: 01/04/2023 08:29:13

CEC

PH: FAX:

Out: 01/04/2023 08:29:13

CEC

Manifest: 2665957  
Vehicle: 070ENCAR67  
Decal:

	Lbs	m
Gross:	86740.00	43.37
Tare:	25240.00	12.62
Net:	61500.00	30.75

Customer: All Suffolk Materials  
Generator: 84778 Broadway LLC  
Address: 4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #: 223074853  
Job: 4778 Broadway  
Address: 4778 Broadway  
NEW YORK, NY 10034

Material: Recyclable soil/rock/material

Facility: Clean Earth of Carteret  
Jesus Serrano

Driver:  
Comment:

TRANSPORTER

GLOBAL JOB NUMBER: 1011608

FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |   |  |  |   |
|---|--|--|---|
| <input type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909         | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520 | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT:	
	<input type="checkbox"/> Tons <input type="checkbox"/> Yards	
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT:	
	<input type="checkbox"/> Tons <input type="checkbox"/> Yards	
	NET WEIGHT:	
	<input type="checkbox"/> Tons <input type="checkbox"/> Yards	

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.  
I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Angel Gonzalez Title: Foreman  
Signature: [Signature] Date and Time: 1/4/23 7:25 AM

**TRANSPORTER**

Company: Jencor Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: AW847H  
Driver: Funklin SW Haulers Permit #: 67  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 1-4-2023

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 1-4-2023

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 1 4 23



Clean Earth of Carteret  
24 Huddlessex Ave

Carteret, NJ 07008

Ph: Fax:

Parties: 2618958  
Vehicle: 070BHCak64  
Decal:

Customer: All Suffolk Materials  
Generator: P4778 Broadway LLC  
Address: 4778 Broadway  
NEW YORK, NY 10034

Material: Recyclable soil/rock/material

Driver:  
Comments:

Ticket: 3014016

Date	Time	Scale
01/04/2023	08:12:15	CEC
01/04/2023	08:12:15	CEC

Lbs	Tn
Gross: 98540.00	48.32
Tare: 28540.00	14.32
Net: 68000.00	34

Carrier:  
Profile #: 223074853  
Job: 4778 Broadway  
Address: 4778 Broadway  
NEW YORK, NY 10034

Facility: Clean Earth of Carteret  
Jesus Serrano

TRANSPORTER

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201-S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: [Signature] Title: Trucker  
Signature: [Signature] Date and Time: 1/4/23 7:11 AM

**TRANSPORTER**

Company: Tender Trucking Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: D541167 + 64  
Driver: [Signature] SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: \_\_\_\_\_

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 1 4 23

Clean Earth of Carteret  
24 Middlesex Ave

Carteret, NJ 07008

Ph: Fax:

Manifest: 2684761  
Vehicle: 07JENCAK63  
Decal:

Customer: All Suffolk Materials  
Generator: #4778 Broadway LLC  
Address: 4778 Broadway  
NEW YORK, NY 10034

Material: Recyclable soil/rock/material

Driver:  
Comments

Ticket: 3014851

Date Time Scale

In: 01/04/2023 08:50:57 CEC

Out: 01/04/2023 08:50:57 CEC

	Lbs	In
Gross:	87330.00	45.69
Tare:	28180.00	14.07
Net:	59200.00	29.6

Carrier:  
Profile #: 223074853  
Job: 4778 Broadway  
Address: 4778 Broadway  
NEW YORK, NY 10034

Facility: Clean Earth of Carteret  
Jesus Serrano

TRANSPORTER

GLOBAL JOB NUMBER: 1011608

FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |   |  |  |   |
|---|--|--|---|
| <input type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909         | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520 | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: [Signature] Title: [Signature]  
Signature: [Signature] Date and Time: 1/4/23 7:10 AM

**TRANSPORTER**

Company: Ten car Phone Number: 485 40  
Address: \_\_\_\_\_ Truck # and License Plate: 63 A5702T  
Driver: William C. SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 01/04/23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 01/04/23

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 1-4-23

Clean Earth of Carteret  
24 Middlesex Ave

Carteret, NJ 07008

Ph: Fax:

Manifest: 2684962  
Vehicle: 070ENCAR73  
Decal:

Customer: All Suffolk Materials  
Generator: R4778 Broadway LLC  
Address: 4778 Broadway  
NEW YORK, NY 10034

Material: recyclable soil/rock/material

Driver:  
Comments:

Ticket: 3014868

Date Time Scale

In: 01/04/2023 08:58:28 CEC

Out: 01/04/2023 08:58:28 CEC

Lbs In  
Gross: 87920.00 43.96  
Tare: 27980.00 13.99  
Net: 59940.00 29.97

Carrier:  
Profile #: 223074853  
Job: 4778 Broadway  
Address: 4778 Broadway  
NEW YORK, NY 10034

Facility: Clean Earth of Carteret  
Jesus Serrano

TRANSPORTER

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |   |  |  |   |
|---|--|--|---|
| <input type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909         | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520 | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.  
I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: [Signature] Title: Owner  
Signature: [Signature] Date and Time: 1/4/23 9:37 AM

**TRANSPORTER**

Company: Jencar Trucking Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: AX914D #73  
Driver: Leo Sepulveda SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 1-4-2023 8:10

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 1-4-2023

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 1 4 23

Clean Earth of Carteret

24 Maurice Ave

Carteret, NJ 07008

PH: FAX:

Phone: 2684990

Vehicle: 0XJPHCAR69

Decals:

Customer: ALL Suffolk Materials

Generator: 44778 Broadway LLC

Address: 4778 Broadway

NEW YORK, NY 10054

Material: Recyclable soil/rock/material

Driver:

Company:

Ticket: 3014936

Date

Time

Scale

In: 01/04/2023 09:32:27

CEC

Out: 01/04/2023 09:32:27

CEC

Lbs

Tn

Gross: 88920.00 44.46

Fare: 25580.00 12.79

Net: 63340.00 31.67

Carrier:

Profile #: 253074853

Job: 4778 Broadway

Address: 4778 Broadway

NEW YORK, NY 10054

Facility: Clean Earth of Carteret

Jesus Serrano

TRANSPORTER

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |   |  |  |   |
|---|--|--|---|
| <input type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909         | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520 | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Angel Gonzalez Title: Truck Driver  
Signature: [Signature] Date and Time: 11/1/23 8:16 AM

**TRANSPORTER**

Company: Jencar Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: 69-AS450X  
Driver: Francisco SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: F. Pineda Date and Time: 1.4.23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: F. Pineda Date and Time: 1.4.23

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 1.4.23



Clean Earth of Carteret  
24 Middlesex Ave

Carteret, NJ 07008

Ph: Fax:

Manifest #: 3684978  
Vehicle: 071enCar73  
Decal:

Customer: All Suffolk Materials  
Generator: 94778 Broadway LLC  
Address: 4778 Broadway  
New York, NY 10034

Material: Recyclable soil/rock/material

Driver:  
Comments:

Ticket: 3022243

Date Time Scale

In: 01/11/2023 11:59:44 CEC

Out: 01/11/2023 11:59:44 CEC

Lbs Tn  
Gross: 91980.00 45.99  
Tare: 28320.00 14.16  
Net: 63660.00 31.83

Carrier:  
Profile #: 223074853  
Job: 4778 Broadway  
Address: 4778 Broadway  
New York, NY 10034

Facility: Clean Earth of Carteret  
Jesus Serrano

TRANSPORTER

GLOBAL JOB NUMBER: 1011608

FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |   |  |  |   |
|---|--|--|---|
| <input type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909         | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520 | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____<br>_____<br>_____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Angel Gonzalez Title: Foreman  
Signature: [Signature] Date and Time: 1/11/23 11:15 AM

**TRANSPORTER**

Company: Jencal Trucking Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: AX914D #23  
Driver: Leo Sepulveda SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 1-11-23 11:00

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: 1-11-23

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 1-11-23

Clean Earth of Carteret  
47 Middlesex Ave

Ticket#: 3022203

Date Time Scale

Carteret, NJ 07006

In: 01/11/2023 11:43:21 CBL

Phs Fax:

Out: 01/11/2023 11:43:21 CBL

Manifest: 2084979  
Vehicle: 07JENCAK06  
Decal:

Lbs In  
Gross: 90980.00 45.49  
Tare: 28680.00 14.34  
Net: 62300.00 31.15

Customer: All Suffolk Materials  
Generator: 14778 Broadway LLC  
Address: 4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #: 223074853  
Job: 4778 Broadway  
Address: 4778 Broadway  
NEW YORK, NY 10034

Material: recyclable soil/rock/material

Facility: Clean Earth of Carteret  
Jesus Serrano

Driver:  
Comments:

TRANSPORTER

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |   |  |  |   |
|---|--|--|---|
| <input type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909         | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520 | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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Name: Angel Gonzalez Title: Foreman  
Signature: [Signature] Date and Time: 4/4/23 10:28 AM

**TRANSPORTER**

Company: JENCO 2 TIRUCHING Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: 6C PX723C  
Driver: [Signature] SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: \_\_\_\_\_ Date and Time: 01-11-2023

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: \_\_\_\_\_ Date and Time: 1-11-23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008

Ph: Fax:

Hand Test#: 2594980  
Vehicle: 070EHL (K7)  
Weight:

Customer: All Suffolk Materials  
Generator: 4778 Broadway LLC  
Address: 4778 Broadway  
NEW YORK, NY 10034

Material: Recyclable soil/rock/material

Driver:  
Comments:

Ticket: 3022139

Date	Time	Scale
In: 01/11/2023	11:23:09	CEC
Out: 01/11/2023	11:23:09	CEC

Lbs	In
Gross: 92580.00	46.34
Target: 25940.00	12.72
Net: 67240.00	33.62

Carrier:  
Profile #: 223074853  
Job: 4778 Broadway  
Address: 4778 Broadway  
NEW YORK, NY 10034

Facility: Clean Earth of Carteret  
Jesus Serrano

TRANSPORTER

**GLOBAL JOB NUMBER:** 1011608 **FACILITY APPROVAL NUMBER:** 223074853

**Please Check One:**

- |   |  |  |   |
|---|--|--|---|
| <input type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909         | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520 | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Angel Aguilera Title: Foreman  
 Signature: [Signature] Date and Time: 1-11-23 11:13 am

**TRANSPORTER**

Company: TENCA 10 # 71 Phone Number: AX781C  
 Address: RANDOLPH Truck # and License Plate: #71  
 Driver: OSUANDO AGUIERO SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 1-11-23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 1-11-23

Clean Earth of Carteret  
24 Middlesex Ave

Ticket: 3022125

Date Time Scale

Carteret, NJ 07005

In: 01/11/2023 11:18:22 LCU

Ph: Taxi

Out: 01/11/2023 11:18:22 LCU

Manifest: 268498L

Lbs In

Gross: 86340.00 43.17

Vehicle: 07dkNGA662

Tare: 26680.00 14.34

Decals: 00 SEE SCOTTY in the OFFICE

Net: 57660.00 28.83

Customer: All Suffolk Materials

Carrier:

Generator: 46778 Broadway LLC

Profile #: 223074853

Address: 4778 Broadway

Job: 4778 Broadway

NEW YORK, NY 10034

Address: 4778 Broadway

NEW YORK, NY 10034

Material: Recyclable soil/rock/material

Facility: Clean Earth of Carteret

Jesus Serrano

Driver:

Comments:

TRANSPORTER

GLOBAL JOB NUMBER: 1011608

FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |   |  |  |   |
|---|--|--|---|
| <input type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909         | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520 | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

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Name: Angel Gonzalez Title: Foreman  
Signature: [Signature] Date and Time: 1/11/23 10:13 AM

**TRANSPORTER**

Company: JCN, NY Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: NY 11980C  
Driver: [Signature] SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 1-11-23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 1-11-23



Clean Earth of Carteret  
24 Middlesex Ave

Carteret, NJ 07008

Ph: Fax:

Man Res Lt 2684982  
Vehicle: 07JENCAR68  
Decal:

Customer: All Suffolk Materials  
Generator: #4778 Broadway LLC  
Address: 4778 Broadway  
NEW YORK, NJ 10034

material: recyclable soil/rock/material

Driver:  
Comments:

Ticket: 3022103

Date

Time

Scale

In: 01/11/2023 11:13:32 CEC

Out: 01/11/2023 11:13:32 CEC

Lbs

Tn

Gross: 90240.00 45.12

Tare: 25920.00 12.96

Net: 64320.00 32.16

Carrier:

Profile #: 223074853

Job: 4778 Broadway

Address: 4778 Broadway

NEW YORK, NJ 10034

Facility: Clean Earth of Carteret  
Jesus Serrano

TRANSPORTER

**GLOBAL JOB NUMBER:** 1011608 **FACILITY APPROVAL NUMBER:** 223074853

**Please Check One:**

- |   |  |  |   |
|---|--|--|---|
| <input type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909         | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520 | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

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Name: Angel Gonzalez Title: Foreman  
Signature: [Signature] Date and Time: 11/11/23 10:05 AM

**TRANSPORTER**

Company: JENCAR Phone Number: 68  
Address: \_\_\_\_\_ Truck # and License Plate: AX 724C  
Driver: JULIO F. HEVIERO SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: JAA Date and Time: 11/10/23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: JAA Date and Time: 11/10/23

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 11.11.23

Clean Earth of Carteret  
29 Ardross Ave

Manifest: 3022063

Date Time Scale

Carteret, NJ 07008

In: 01/11/2023 11:03:56 CEU

Ph: Fax:

Out: 01/11/2023 11:03:56 CED

Manifest: 2684983  
Vehicle: 02JENLAK60  
Decal:

Lbs Tn  
Gross: 91560.00 45.78  
Tare: 28600.00 14.3  
Net: 62960.00 31.48

Customer: All Suffolk Materials  
Generator: 4778 Broadway LLC  
Address: 4778 Broadway  
New York, NY 10034

Carrier:  
Profile #: 223074853  
Job: 4778 Broadway  
Address: 4778 Broadway  
New York, NY 10034

Material: Recyclable soil/rock/material

Facility: Clean Earth of Carteret  
Jesus Serrano

Driver:  
Content:

TRANSPORTER

GLOBAL JOB NUMBER: 1011608

FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |   |  |  |   |
|---|--|--|---|
| <input type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909         | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520 | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

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Name: Angel Gonzalez Title: Owner  
Signature: [Signature] Date and Time: 1/11/23

**TRANSPORTER**

Company: Jenar Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: 62 AX 713D  
Driver: John SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: John Date and Time: 1/11/23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: John Date and Time: 1/11/23

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 1.11.23

Clean Earth of Carteret  
24 Middlesex Ave

Carteret, NJ 07008

PH: Fax:

Manifests: 2684284  
Vehicles: 07 (car 7)  
Decals:

Customers: All Suffolk Materials  
Operators: PM478 Broadway LLC  
Address: 4778 Broadway  
NEW YORK, NY 10034

Material: Recyclable soil/rock/material

Driver:  
Comments:

Tickets: 3021750

Date Time Scale

Int: 01/11/2023 09:14:29 GEC

Out: 01/11/2023 09:14:29 GEC

	Lbs	In
Gross:	68480.00	44.24
Tare:	28320.00	14.16
Net:	40160.00	30.08

Carriers:  
Profile #: 223074853  
Job: 4778 Broadway  
Address: 4778 Broadway  
NEW YORK, NY 10034

Facility: Clean Earth of Carteret  
Jesus Serrano

TRANSPORTER

GLOBAL JOB NUMBER: 1011608

FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |   |  |  |   |
|---|--|--|---|
| <input type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909         | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520 | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Angel Gonzalez Title: Foreman  
Signature: [Signature] Date and Time: 11/1/23 8:10 AM

**TRANSPORTER**

Company: Jencar Trucking Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: AX 914D #73  
Driver: Leo Sepulveda SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 1-11-23 8:15

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 1-11-23

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 1-11-23

Clean Earth of Carteret  
24 Middlesex Ave

Ticket: 3021733

Carteret, NJ 07005

Date

Time

Scale

In: 01/11/2023 09:07:56

CEC

Ph: Fax:

Out: 01/11/2023 09:07:56

CEC

Plantest: 268480  
Vendor: 0708NLAK00  
Decal:

Lbs In  
Gross: 31680.00 45.84  
Tare: 28680.00 14.34  
Net: 6500.00 31.5

Customer: All Suffolk Materials  
Generator: 4778 Broadway LLC  
Address: 4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #: 223074853  
Job: 4778 Broadway  
Address: 4778 Broadway  
NEW YORK, NY 10034

Material: Recyclable soil/rock/material

Facility: Clean Earth of Carteret  
Jesus Serrano

Driver:  
Comment:

TRANSPORTER

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |   |  |  |   |
|---|--|--|---|
| <input type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909         | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520 | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Angel Gonzalez Title: Foreman  
Signature: [Signature] Date and Time: 1/11/23 8AM

**TRANSPORTER**

Company: GENCO TRUCKING Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: 66 NY 1251  
Driver: [Signature] SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 01-11-2023

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 1-11-23



Clean Earth of Carteret  
24 Middlesex Ave

Tickets: 3021705  
Date

Time Scale

Carteret, NJ 07008

In: 01/11/2023 09:00:29 CBL

Phone Fax:

Out: 01/11/2023 09:00:29 CBL

Manifest #: 2634986

Lbs In  
Gross: 54520.00 42.41

Vehicle: 07JENLAK62

Tare: 26680.00 14.34

Decal: DO SEE SCOTT in the OFFICE

Net: 56140.00 28.07

Customer: All Suffolk Materials  
Generator: #4778 Broadway LLC  
Address: 4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #: 223074853  
Job: 4778 Broadway  
Address: 4778 Broadway  
NEW YORK, NY 10034

Material: Recyclable soil/rock/material

Facility: Clean Earth of Carteret  
Jesus Serrano

Driver:  
Comment:

TRANSPORTER

GLOBAL JOB NUMBER: 1011608

FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |   |  |  |   |
|---|--|--|---|
| <input type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909         | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520 | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>		GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>		TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
		NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

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Name: [Signature] Title: [Signature]  
Signature: [Signature] Date and Time: 12/10/03

**TRANSPORTER**

Company: Fordov Truck Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: 62 72M 806  
Driver: [Signature] SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 12/10/03

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 11/11/03

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 1.11.03

Clean Earth of Carteret  
24 Middlesex ave

Carteret, NJ 07008

Ph#: Fax#

Hand text: 2684987  
Vehicle: 07JHNCAK08  
Decal:

Customer: All Suffolk Materials  
Contractor: 4778 Broadway LLC  
Address: 4778 Broadway  
New York, NY 10034

Material: Recyclable soil/rock/material

Driver:  
Comments:

Ticket: 3021677

Date Time Scale

In: 01/11/2023 08:50:23 CEC

Out: 01/11/2023 08:50:23 CEC

Lbs Tn  
Gross: 82460.00 41.23  
Tare: 25920.00 12.96  
Net: 56540.00 28.27

Carrier:  
Profile #: 223074853  
Job: 4778 Broadway  
Address: 4778 Broadway  
New York, NY 10034

Facility: Clean Earth of Carteret  
Jesus Serrano

TRANSPORTER

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |   |  |  |   |
|---|--|--|---|
| <input type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909         | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520 | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.  
I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: \_\_\_\_\_ Title: \_\_\_\_\_  
Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_

**TRANSPORTER**

Company: JENCAR TRUCK Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: 68 AX 72AC  
Driver: JULIO ECHEVERRY SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: JAIL Date and Time: 1/10/23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: JAIL Date and Time: 1/10/23

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: \_\_\_\_\_ Date and Time: 1/11/23

Clean Earth of Carteret  
24 Middlesex Ave

Ticket: 3021692

Date Time Scale

Carteret, NJ 07008

In: 01/11/2023 08:55:07 CEC

Ph: Fax:

Out: 01/11/2023 08:55:07 CEC

Manifest #: 2684938  
Vehicle: 07JENCAR71  
Decal:

Lbs Tn  
Gross: 82620.00 41.31  
Tare: 25440.00 12.72  
Net: 57180.00 28.59

Customer: All Suffolk Materials  
Generator: #4778 Broadway LLC  
Address: 4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #: 223074853  
Job: 4778 Broadway  
Address: 4778 Broadway  
NEW YORK, NY 10034

Material: Recyclable soil/rock/material

Facility: Clean Earth of Carteret  
Jesus Serrano

Driver:  
Comment:

TRANSPORTER

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |   |  |  |   |
|---|--|--|---|
| <input type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909         | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520 | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____<br>_____<br>_____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.  
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Name: GOSWAMI, SURESH K Title: Supervisor  
Signature: [Signature] Date and Time: 1/11/23

**TRANSPORTER**

Company: JENCAR Phone Number: # 71  
Address: RANDOLIA, NJ Truck # and License Plate: AX 781C  
Driver: OSVALDO AGUIAR SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 1-11-23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 1-11-23

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 1-11-23

Clean Earth of Carteret  
21 Pleasant Ave

Ticket: 3020408

Date Time Scale

Carteret, NJ 07008

In: 01/11/2023 08:30:02 CEC

Phs Max:

Out: 01/11/2023 08:30:02 CEC

Manifest: 2684989  
Vehicle: 07JENDK60  
Decal:

Lbs In  
Gross: 90240.00 45.12  
Tare: 28600.00 14.3  
Net: 61640.00 30.82

Customer: All Suffolk Materials  
Generator: 4778 Broadway LLC  
Address: 4778 Broadway  
NEW YORK, NY 10034

Carrier: /  
Profile #: 223074853  
Job: 4778 Broadway  
Address: 4778 Broadway  
NEW YORK, NY 10034

Material: Recyclable soil/rock/material

Facility: Clean Earth of Carteret  
Jesus Serrano

Driver:  
Comment:

TRANSPORTER

GLOBAL JOB NUMBER: 1011608

FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |   |  |  |   |
|---|--|--|---|
| <input type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909         | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Power House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520 | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

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Name: [Signature] Title: [Signature]  
Signature: [Signature] Date and Time: 1-11-23

**TRANSPORTER**

Company: JACO Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: CD AX913D  
Driver: JACO SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 1-11-23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 1-11-23

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 1-11-23



Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3035157

Date	Time	Scale
In:01/26/2023	08:37:41	CEC
Out:01/26/2023	08:37:41	CEC

	Lbs.	Tns
Manifest:2684963	Gross: 96,920	48.46
Vehicle:07JENCAR55	Tare: 28,880	14.44
Decal:	Net: 68,040	34.02

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>		GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards <u>96,880</u>
GENERATOR'S PHONE: <u>516-821-2003</u>		TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
		NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

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Name: GRIG STYPUKOWSKI Title: Superintendent  
Signature: [Signature] Date and Time: 1/26/2023

**TRANSPORTER**

Company: SANCTA TRUCKING Phone Number: \_\_\_\_\_  
Address: 10 ALEXANDER DR Truck # and License Plate: AU853R  
Driver: Jose Minchola SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 1/26/23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 1/26/23

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 1.26.23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3035500

Date	Time	Scale
In:01/26/2023	11:05:45	CEC
Out:01/26/2023	11:05:45	CEC

	Lbs.	Tns
Manifest:2684964	Gross: 87,000	43.50
Vehicle:07JENCAR55	Tare: 28,880	14.44
Decal:	Net: 58,120	29.06

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG STYPUCKOWSKI Title: Superintendent  
Signature: [Signature] Date and Time: 1/26/2023

**TRANSPORTER**

Company: TRANSCOR Truck Phone Number: \_\_\_\_\_  
Address: 10 ALEXANDER DR Truck # and License Plate: AU853R  
Driver: Joseph Minchale SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 1/26/23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 1/26/23

I hereby certify that the above named material has been accepted at the above referenced facility.  
Authorized Signature: [Signature] Date and Time: 1.26.23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3035729

Date	Time	Scale
In:01/26/2023	13:41:34	CEC
Out:01/26/2023	13:41:34	CEC

	Lbs.	Tns
Manifest:2684965	Gross: 92,520	46.26
Vehicle:07JENCAR55	Tare: 28,880	14.44
Decal:	Net: 63,640	31.82

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 101109 FACILITY APPROVAL NUMBER: 221074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>34578 Broadway Project LLC / 4778 Broadway</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: \_\_\_\_\_ Title: \_\_\_\_\_  
 Signature: \_\_\_\_\_ Date and Time: 1/26/23

**TRANSPORTER**

Company: \_\_\_\_\_ Phone Number: \_\_\_\_\_  
 Address: \_\_\_\_\_ Truck # and License Plate: 4085311  
 Driver: \_\_\_\_\_ SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: \_\_\_\_\_ Date and Time: 1/26/23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: \_\_\_\_\_ Date and Time: 1/26/23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3038414

Date	Time	Scale
In:01/31/2023	08:21:27	CEC
Out:01/31/2023	08:21:27	CEC

	Lbs.	Tns
Manifest:2684966	Gross: 98,960	49.48
Vehicle:07JENCAR68	Tare: 25,920	12.96
Decal:	Net: 73,040	36.52

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

**Material**

**Recyclable soil/rock/material**

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<b>DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION</b> <u>Non-hazardous Soil</u>	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG GUY PULKOWSKI Title: Superintendent  
 Signature: [Signature] Date and Time: 1/31/23

**TRANSPORTER**

Company: JENCAR Phone Number: 68  
 Address: \_\_\_\_\_ Truck # and License Plate: AX 72AC  
 Driver: JULIO ETHEVEDY SW Haulers Permit #: \_\_\_\_\_  
 (Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: JAN Date and Time: 1/31/23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: JAN Date and Time: 1/31/23  
 I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 1/31/23



Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3038770

Date	Time	Scale
In:01/31/2023	08:37:45	CEC
Out:01/31/2023	08:37:45	CEC

Manifest:2684967  
Vehicle:07JENCAR63  
Decal:

	Lbs.	Tns
Gross:	92,680	46.34
Tare:	28,180	14.09
Net:	64,500	32.25

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

**Material**

**Recyclable soil/rock/material**

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <b>M4778 Broadway Project LLC / 4778 Broadway Project</b> <b>4778 Broadway</b> <b>New York, NY 10034</b>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards	

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Gregory P. Kowalski Title: Superintendent  
 Signature: [Signature] Date and Time: 1/31/23

**TRANSPORTER**

Company: Encor Phone Number: \_\_\_\_\_  
 Address: \_\_\_\_\_ Truck # and License Plate: #03 AS 7021  
 Driver: William SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 1/31/23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 1/31/23  
 I hereby certify that the above named material has been accepted at the above referenced facility.  
 Authorized Signature: [Signature] Date and Time: 1.31.23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3038855

Date	Time	Scale
In:01/31/2023	09:03:12	CEC
Out:01/31/2023	09:03:12	CEC

Manifest:2684968  
Vehicle:07JENCAR66  
Decal:

	Lbs.	Tns
Gross:	99,280	49.64
Tare:	28,680	14.34
Net:	70,600	35.30

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

**Material**

**Recyclable soil/rock/material**

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.  
I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG STYRUCKOWSKI Title: Superintendent  
Signature: [Signature] Date and Time: 1/31/23

**TRANSPORTER**  
Company: JEN UN TRUCKING Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: 66-AX723C  
Driver: [Signature] SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.  
Driver Signature: [Signature] Date and Time: 01-31-2023

**DESTINATION**  
I hereby certify that the above named material was delivered without incident to the facility noted above.  
Driver Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_  
I hereby certify that the above named material has been accepted at the above referenced facility.  
Authorized Signature: [Signature] Date and Time: 1/31/23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3039274

Date	Time	Scale
In:01/31/2023	12:00:51	CEC
Out:01/31/2023	12:00:51	CEC

Manifest:2684969  
Vehicle:07JENCAR68  
Decal:

	Lbs.	Tns
Gross:	89,900	44.95
Tare:	25,920	12.96
Net:	63,980	31.99

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

**Material**

**Recyclable soil/rock/material**

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**  
Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.  
 I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG STYPUK-gh Title: Superintendent  
 Signature: [Signature] Date and Time: 1/31/23

**TRANSPORTER**

Company: JEN CAR Phone Number: \_\_\_\_\_  
 Address: \_\_\_\_\_ Truck # and License Plate: AX 1724C  
 Driver: JUAN ECHEN SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: JAN Date and Time: 1/31/23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: JAN Date and Time: 1/31/23  
 I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 1.31.23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3039293

Date	Time	Scale
In:01/31/2023	12:10:36	Manual
Out:01/31/2023	12:10:36	Manual

Manifest:2684970  
Vehicle:07JENCAR66  
Decal:

	Lbs.	Tns
Gross:	96,680	48.34
Tare:	28,680	14.34
Net:	68,000	34.00

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

**Material**

**Recyclable soil/rock/material**

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <b>M4778 Broadway Project LLC / 4778 Broadway Project</b> <b>4778 Broadway</b> <b>New York, NY 10034</b>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <b>516-821-2003</b>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<b>DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION</b> <b>Non-hazardous Soil</b>	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG STYBALKOWSKI Title: Superintendent  
 Signature: [Signature] Date and Time: 1/31/23

**TRANSPORTER**

Company: TENOR TRUCKING Phone Number: \_\_\_\_\_  
 Address: \_\_\_\_\_ Truck # and License Plate: 66-AX723C  
 Driver: [Signature] SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 01-31-2023

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 1-31-23

FACILITY



Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3039305

Date	Time	Scale
In:01/31/2023	12:16:52	CEC
Out:01/31/2023	12:16:52	CEC

	Lbs.	Tns
Manifest:2684971	Gross: 93,060	46.53
Vehicle:07LUCAS2	Tare: 29,100	14.55
Decal:	Net: 63,960	31.98

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

**Material**

**Recyclable soil/rock/material**

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608

FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	
DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION <u>Non-hazardous Soil</u>	
GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected. I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.	
Name: <u>GREG STYRUCKOWSKI</u> Title: <u>Superintendent</u> Signature: <u>[Signature]</u> Date and Time: <u>1/31/23</u>	
TRANSPORTER Company: <u>LUCAS TRUCKING</u> Phone Number: _____ Address: _____ Truck # and License Plate: <u>02 - AW7250</u> Driver: <u>STEVEN H.</u> SW Haulers Permit #: _____ (Type or Print Clearly) (applicable state permit#)	
I hereby certify that the above named material was picked up at the site listed above.	
Driver Signature: <u>[Signature]</u> Date and Time: <u>01.31.23 11:15AM.</u>	
DESTINATION I hereby certify that the above named material was delivered without incident to the facility noted above.	
Driver Signature: <u>[Signature]</u> Date and Time: <u>01.31.23 12:15 PM.</u>	
I hereby certify that the above named material has been accepted at the above referenced facility.	
Authorized Signature: <u>[Signature]</u> Date and Time: <u>1.31.23</u>	

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3039313

Date	Time	Scale
In:01/31/2023	12:20:47	CEC
Out:01/31/2023	12:20:47	CEC

	Lbs.	Tns
Manifest:2684972	Gross: 87,100	43.55
Vehicle:07LUCAS01	Tare: 28,860	14.43
Decal:	Net: 58,240	29.12

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

**Material**

**Recyclable soil/rock/material**

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <b>M4778 Broadway Project LLC / 4778 Broadway Project</b> <b>4778 Broadway</b> <b>New York, NY 10034</b>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <b>516-821-2003</b>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION: <b>Non-hazardous Soil</b>	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Greg Stypulko Title: Supervisor  
 Signature: [Signature] Date and Time: 1/31/23

**TRANSPORTER**

Company: Lucas Trucking Phone Number: \_\_\_\_\_  
 Address: \_\_\_\_\_ Truck # and License Plate: AUG56M #1  
 Driver: Alto Bedoya SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 01/31/23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: 01/31/23

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 1.31.23

FACILITY

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3039326

Date	Time	Scale
In:01/31/2023	12:28:20	CEC
Out:01/31/2023	12:28:20	CEC

Manifest:2684973  
Vehicle:07LUCAS03  
Decal:

	Lbs.	Tns
Gross:	91,540	45.77
Tare:	28,920	14.46
Net:	62,620	31.31

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

<b>GENERATOR'S NAME &amp; SITE ADDRESS:</b> <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	<b>GROSS WEIGHT:</b> <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<b>GENERATOR'S PHONE:</b> <u>516-821-2003</u>	<b>TARE WEIGHT:</b> <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<b>DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION</b> <u>Non-hazardous Soil</u>	<b>NET WEIGHT:</b> <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.  
 I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG STYPUCKO w/hi Title: Superintendent  
 Signature: [Signature] Date and Time: 1/31/23

**TRANSPORTER**

Company: Lucas Trucking Phone Number: \_\_\_\_\_  
 Address: \_\_\_\_\_ Truck # and License Plate: 03 - AU 4405  
 Driver: Andres Grijalva SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 01/31/23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 1/31/23

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 1.31.23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3039500

Date	Time	Scale
In:01/31/2023	13:52:13	Manual
Out:01/31/2023	13:52:13	Manual

Manifest:2684974  
Vehicle:07JENCAR63  
Decal:

	Lbs.	Tns
Gross:	96,980	48.49
Tare:	28,180	14.09
Net:	68,800	34.40

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

**Material**

**Recyclable soil/rock/material**

Comment:

Driver

Facility Clean Earth of Carteret  
Jermaine Busby

GLOBAL JOB NUMBER: 1011608

FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards	

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG STYRICKO & Co. Title: Superintendent  
 Signature: [Signature] Date and Time: 1/31/23

**TRANSPORTER**

Company: ZenCard Phone Number: \_\_\_\_\_  
 Address: \_\_\_\_\_ Truck # and License Plate: 63 AS 702T  
 Driver: William C SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: William C Date and Time: 01-31-2023

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 1/31/23

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 1/31/23

FACILITY



Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3050820

Date	Time	Scale
In:02/15/2023	09:10:54	CEC
Out:02/15/2023	09:10:54	CEC

	Lbs.	Tns
Manifest:2684949	Gross: 84,540	42.27
Vehicle:07H&M76	Tare: 28,320	14.16
Decal:	Net: 56,220	28.11

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: SREG STYPUK-Kangari Title: Superintendent  
 Signature: [Signature] Date and Time: 2/15/23

**TRANSPORTER**

Company: Hyp #76 Phone Number: \_\_\_\_\_  
 Address: Dover Truck # and License Plate: AW 943 A  
 Driver: [Signature] SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 2/15/23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: \_\_\_\_\_

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 2-15-23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3052691

Date	Time	Scale
In:02/15/2023	09:26:06	CEC
Out:02/15/2023	09:26:06	CEC

	Lbs.	Tns
Manifest:2684950	Gross: 91,720	45.86
Vehicle:07LUCAS2	Tare: 29,100	14.55
Decal:	Net: 62,620	31.31

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <b>M4778 Broadway Project LLC / 4778 Broadway Project</b> <b>4778 Broadway</b> <b>New York, NY 10034</b>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <b>516-821-2003</b>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

**Non-hazardous Soil**

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG J. PULKOWSKI Title: Superintendent  
Signature: [Signature] Date and Time: 2/15/23

**TRANSPORTER**

Company: LUCAS TRUCKING Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: 02 - AW 7250  
Driver: STEVEN H. SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above. 07:00 AM.  
Driver Signature: [Signature] Date and Time: 02-15-23 07:40 AM.

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.  
Driver Signature: [Signature] Date and Time: 02-15-23 09:30 AM.  
I hereby certify that the above named material has been accepted at the above referenced facility.  
Authorized Signature: [Signature] Date and Time: 2-15-23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3052738

Date	Time	Scale
In:02/15/2023	09:42:33	CEC
Out:02/15/2023	09:42:33	CEC

	Lbs.	Tns
Manifest:2684951	Gross: 92,800	46.40
Vehicle:07LUCAS03	Tare: 28,920	14.46
Decal:	Net: 63,880	31.94

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION <u>Non-hazardous Soil</u>	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG STYPUKOWSKI Title: Supervisor  
 Signature: [Signature] Date and Time: 2/15/23

**TRANSPORTER**

Company: Lucas Trucking Phone Number: \_\_\_\_\_  
 Address: \_\_\_\_\_ Truck # and License Plate: 03 - AU440S  
 Driver: Andrew Gray SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 02/15/23 - 7:00

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 02/15/23 -  
 I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 2.15.23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3052757

Date	Time	Scale
In:02/15/2023	09:52:43	CEC
Out:02/15/2023	09:52:43	CEC

	Lbs.	Tns
Manifest:2684952	Gross: 79,080	39.54
Vehicle:07H&M77	Tare: 28,260	14.13
Decal:	Net: 50,820	25.41

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <b>M4778 Broadway Project LLC / 4778 Broadway Project</b> <b>4778 Broadway</b> <b>New York, NY 10034</b>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <b>516-821-2003</b>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION <b>Non-hazardous Soil</b>	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.  
 I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG STYBICKOWSKI Title: Superintendent  
 Signature: [Signature] Date and Time: 2/15/23

**TRANSPORTER**

Company: H&M Trucking Phone Number: \_\_\_\_\_  
 Address: \_\_\_\_\_ Truck # and License Plate: #77 / NW293F  
 Driver: Alex Freitas SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 02/15/23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 02/15/23

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 2-15-23



Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3052811

Date	Time	Scale
In:02/15/2023	10:12:17	CEC
Out:02/15/2023	10:12:17	CEC

	Lbs.	Tns
Manifest:2684953	Gross: 92,220	46.11
Vehicle:07MLJ13	Tare: 29,000	14.50
Decal:	Net: 63,220	31.61

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

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### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREGORY POLKINSKI Title: Superintendent  
Signature: [Signature] Date and Time: 2/15/23

**TRANSPORTER**

Company: ML3 Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: AW665B  
Driver: Carlos SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 02-15-23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 02-15-23

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 2-15-23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3052831

Date	Time	Scale
In:02/15/2023	10:27:58	CEC
Out:02/15/2023	10:27:58	CEC

	Lbs.	Tns
Manifest:2684954	Gross: 87,620	43.81
Vehicle:07cobys6	Tare: 28,260	14.13
Decal:	Net: 59,360	29.68

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION: <u>Non-hazardous Soil</u>	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG STYPUKOWSKI Title: Superintendent  
 Signature: [Signature] Date and Time: 2/15/23

**TRANSPORTER**

Company: Cody's Trucking Phone Number: \_\_\_\_\_  
 Address: \_\_\_\_\_ Truck # and License Plate: A4362D  
 Driver: \_\_\_\_\_ SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 2/15/23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 2.15.23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3053065

	Date	Time	Scale
In:	02/15/2023	12:01:12	CEC
Out:	02/15/2023	12:01:12	CEC

		Lbs.	Tns
Manifest:2684955	Gross:	91,080	45.54
Vehicle:07H&M76	Tare:	28,320	14.16
Decal:	Net:	62,760	31.38

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

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### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG GYJULKOWSKI Title: Superintendent  
 Signature: [Signature] Date and Time: 2/15/23

**TRANSPORTER**

Company: Hy 4c #76 Phone Number: \_\_\_\_\_  
 Address: Dover Truck # and License Plate: AW 943 A  
 Driver: [Signature] SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 2/15/23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 2 15 23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3053132

Date	Time	Scale
In:02/15/2023	12:20:41	CEC
Out:02/15/2023	12:20:41	CEC

	Lbs.	Tns
Manifest:2684956	Gross: 95,040	47.52
Vehicle:07LUCAS01	Tare: 28,860	14.43
Decal:	Net: 66,180	33.09

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards	
DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION <u>Non-hazardous Soil</u>	
GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected. I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations. Name: <u>GREG STYPUK 2655</u> Title: <u>Superintendent</u> Signature: <u>[Signature]</u> Date and Time: <u>2/15/23</u>	
TRANSPORTER Company: <u>Lucas Trucking #1</u> Phone Number: _____ Address: _____ Truck # and License Plate: <u>AUG56M #1</u> Driver: <u>Alejo Bedoya</u> SW Haulers Permit #: _____ (Type or Print Clearly) (applicable state permit#) I hereby certify that the above named material was picked up at the site listed above.	
Driver Signature: <u>[Signature]</u>	Date and Time: <u>2/15/23</u>
DESTINATION I hereby certify that the above named material was delivered without incident to the facility noted above.	
Driver Signature: <u>[Signature]</u>	Date and Time: <u>2/15/23</u>
I hereby certify that the above named material has been accepted at the above referenced facility.	
Authorized Signature: <u>[Signature]</u>	Date and Time: <u>2 15 23</u>



Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3053192

Date	Time	Scale
In:02/15/2023	12:39:42	CEC
Out:02/15/2023	12:39:42	CEC

	Lbs.	Tns
Manifest:2684957	Gross: 98,220	49.11
Vehicle:07H&M75	Tare: 29,440	14.72
Decal:	Net: 68,780	34.39

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<b>DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION</b> <u>Non-hazardous Soil</u>	

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG STAPUL KOSZULSKI Title: Superintendent  
 Signature: [Signature] Date and Time: 2/15/23

**TRANSPORTER**

Company: H+M Phone Number: \_\_\_\_\_  
 Address: \_\_\_\_\_ Truck # and License Plate: #75 AW632L  
 Driver: Michael - J SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 2/15/23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: 2/15/23

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 2 15 23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3053251

Date	Time	Scale
In:02/15/2023	12:57:16	Manual
Out:02/15/2023	12:57:16	Manual

	Lbs.	Tns
Manifest:2684958	Gross: 97,620	48.81
Vehicle:07LUCAS04	Tare: 28,580	14.29
Decal:	Net: 69,040	34.52

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION <u>Non-hazardous Soil</u>	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.  
 I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GRACE TROTT Title: Superintendent  
 Signature: [Signature] Date and Time: 2/15/23

**TRANSPORTER**

Company: LUCAS TRUCKING Phone Number: \_\_\_\_\_  
 Address: \_\_\_\_\_ Truck # and License Plate: #4 AW217E  
 Driver: Andres Sabogal SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.  
 Driver Signature: [Signature] Date and Time: 2/15/23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.  
 Driver Signature: [Signature] Date and Time: 2/15/23  
 I hereby certify that the above named material has been accepted at the above referenced facility.  
 Authorized Signature: [Signature] Date and Time: 2/15/23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3053284

Date	Time	Scale
In:02/15/2023	13:12:56	CEC
Out:02/15/2023	13:12:56	CEC

	Lbs.	Tns
Manifest:2684959	Gross: 93,480	46.74
Vehicle:07LUCAS2	Tare: 29,100	14.55
Decal:	Net: 64,380	32.19

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

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### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION <u>Non-hazardous Soil</u>	
<p><b>GENERATOR'S CERTIFICATION</b> - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.</p> <p>I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.</p> Name: <u>GREG STYVICKO</u> Title: <u>Superintendent</u> Signature: <u>[Signature]</u> Date and Time: <u>2/15/23</u>	
<p><b>TRANSPORTER</b></p> Company: <u>LOCAL TRUCKING</u> Phone Number: _____ Address: _____ Truck # and License Plate: <u>02 - AW72SD</u> Driver: <u>STEVEN H.</u> SW Haulers Permit #: _____ (Type or Print Clearly) (applicable state permit#)	
I hereby certify that the above named material was picked up at the site listed above. <u>11:45 AM.</u> Driver Signature: <u>[Signature]</u> Date and Time: <u>02-15-23</u>	
<p><b>DESTINATION</b></p> I hereby certify that the above named material was delivered without incident to the facility noted above. Driver Signature: <u>[Signature]</u> Date and Time: <u>02-15-23 01:15 PM.</u> I hereby certify that the above named material has been accepted at the above referenced facility. Authorized Signature: <u>[Signature]</u> Date and Time: <u>2-15-23</u>	

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3053305

Date	Time	Scale
In:02/15/2023	13:21:56	CEC
Out:02/15/2023	13:21:56	CEC

	Lbs.	Tns
Manifest:2684960	Gross: 95,220	47.61
Vehicle:07LUCAS03	Tare: 28,920	14.46
Decal:	Net: 66,300	33.15

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

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### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <b>M4778 Broadway Project LLC / 4778 Broadway Project</b> <b>4778 Broadway</b> <b>New York, NY 10034</b>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <b>516-821-2003</b>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

**Non-hazardous Soil**

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GRE 6717 pu LLC Title: Superintendent  
 Signature: [Signature] Date and Time: 2/15/23

**TRANSPORTER**

Company: Lucas Trucking Phone Number: \_\_\_\_\_  
 Address: \_\_\_\_\_ Truck # and License Plate: 03 - AU 4405  
 Driver: Andres Grayals SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 02/15/23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 2/15/23

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 2 15 23



Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3053339

Date	Time	Scale
In:02/15/2023	13:35:41	CEC
Out:02/15/2023	13:35:41	CEC

	Lbs.	Tns
Manifest:2684975	Gross: 86,540	43.27
Vehicle:07H&M77	Tare: 28,260	14.13
Decal:	Net: 58,280	29.14

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

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### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<b>DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION</b> <u>Non-hazardous Soil</u>	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.  
I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREC STYPUCKOVA Title: Superintendent  
Signature: [Signature] Date and Time: 2/15/23

**TRANSPORTER**

Company: H&M Trucking Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: #77 / AW293F  
Driver: Alexandre Freitas SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 02/15/23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 02/15/23

I hereby certify that the above named material has been accepted at the above referenced facility.  
Authorized Signature: [Signature] Date and Time: 2 15 23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3053345

Date	Time	Scale
In:02/16/2023	08:47:19	CEC
Out:02/16/2023	08:47:19	CEC

	Lbs.	Tns
Manifest:2684942	Gross: 85,220	42.61
Vehicle:07JENCAR63	Tare: 28,180	14.09
Decal:	Net: 57,040	28.52

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

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### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011609 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |   |  |  |   |
|---|--|--|---|
| <input type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909         | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520 | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project 4778 Broadway New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Gregory S. Puckowski Title: Superintendent  
Signature: [Signature] Date and Time: 2/16/23

**TRANSPORTER**

Company: Jencor Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: #63 A5702T  
Driver: William C SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 2/16/23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 2/16/23

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 2.16.23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3054147

Date	Time	Scale
In:02/16/2023	09:21:09	CEC
Out:02/16/2023	09:21:09	CEC

	Lbs.	Tns
Manifest:2684943	Gross: 91,980	45.99
Vehicle:07JENCAR68	Tare: 25,920	12.96
Decal:	Net: 66,060	33.03

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

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### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011606 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |   |  |  |   |
|---|--|--|---|
| <input type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909         | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520 | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>34770 Broadway Project LLC 4770 Broadway Project 4770 Broadway New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: John J. Pappalardo Title: Owner/Operator  
Signature: [Signature] Date and Time: 2/16/23

**TRANSPORTER**

Company: JENCAR Phone Number: 68  
Address: \_\_\_\_\_ Truck # and License Plate: AX 72467  
Driver: John J. Pappalardo SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 2/16/23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 2/16/23

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 2/16/23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3054250

Date	Time	Scale
In:02/16/2023	10:06:23	CEC
Out:02/16/2023	10:06:23	CEC

	Lbs.	Tns
Manifest:2684944	Gross: 90,960	45.48
Vehicle:07JENCAR66	Tare: 28,680	14.34
Decal:	Net: 62,280	31.14

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

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### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |   |  |  |   |
|---|--|--|---|
| <input type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909         | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520 | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project 4778 Broadway New York, NY 10044</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2002</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: [Signature] Title: [Signature]  
Signature: [Signature] Date and Time: 2/16/23

**TRANSPORTER**

Company: JENCO TRUCKING Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: 66 AX 723C  
Driver: [Signature] SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 2-16-23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 2-16-23

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 2-16-23



Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3054601

Date	Time	Scale
In:02/16/2023	12:05:41	CEC
Out:02/16/2023	12:05:41	CEC

	Lbs.	Tns
Manifest:2684945	Gross: 79,960	39.98
Vehicle:07JENCAR63	Tare: 28,180	14.09
Decal:	Net: 51,780	25.89

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

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### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011685 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |   |  |  |   |
|---|--|--|---|
| <input type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909         | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520 | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-Hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: [Signature] Title: [Signature]  
Signature: [Signature] Date and Time: 2/16/23

**TRANSPORTER**

Company: Jercay Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: #63 AS7027  
Driver: William C SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 2/16/23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 2/16/23

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 2/16/23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3054708

	Date	Time	Scale
In:	02/16/2023	12:51:57	CEC
Out:	02/16/2023	12:51:57	CEC

		Lbs.	Tns
Manifest:2684946	Gross:	87,680	43.84
Vehicle:07JENCAR68	Tare:	25,920	12.96
Decal:	Net:	61,760	30.88

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608

FACILITY APPROVAL NUMBER: 223074857

**Please Check One:**

- |   |  |  |   |
|---|--|--|---|
| <input type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909         | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520 | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>4778 Broadway Project LLC - 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT:
	<input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT:
	<input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT:
	<input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Eric S. ... Title: ...  
Signature: [Signature] Date and Time: 2/16/23

**TRANSPORTER**

Company: JENCAR Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: AX 724C  
Driver: JULIO ECHEVERRY SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: JAIL Date and Time: 2/16/23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: JAIL Date and Time: 2/16/23

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 2-16-23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3054810

Date	Time	Scale
In:02/16/2023	13:24:33	CEC
Out:02/16/2023	13:24:33	CEC

	Lbs.	Tns
Manifest:2684947	Gross: 93,860	46.93
Vehicle:07JENCAR66	Tare: 28,680	14.34
Decal:	Net: 65,180	32.59

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |   |  |  |   |
|---|--|--|---|
| <input type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909         | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520 | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>4770 Broadway Project LLC / 4770 Broadway Project 4770 Broadway New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>914-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: [Signature] Title: [Signature]  
Signature: [Signature] Date and Time: 2/16/23

**TRANSPORTER**

Company: JENON TRUCK INC Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: CE-A4723C  
Driver: [Signature] SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 02/16/2023

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 2/16/23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3055001

Date	Time	Scale
In:02/16/2023	15:06:09	Manual
Out:02/16/2023	15:06:09	Manual

	Lbs.	Tns
Manifest:2684948	Gross: 89,740	44.87
Vehicle:07JENCAR63	Tare: 28,180	14.09
Decal:	Net: 61,560	30.78

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jermaine Busby

GLOBAL JOB NUMBER: 1011608

FACILITY APPROVAL NUMBER: 113074853

**Please Check One:**

- |   |  |  |   |
|---|--|--|---|
| <input type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909         | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520 | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Keamy, NJ 07032<br>Ph: 973-344-4004    | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>14778 Broadway Project LLC: 4778 Broadway Project 4778 Broadway New York, NY 10034</u>		GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2000</u>		TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
		NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.  
I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: 6616 4778 Broadway Project LLC Title: Site Manager  
Signature: [Signature] Date and Time: 2/16/23

**TRANSPORTER**

Company: Teacor Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: #63 A5702T  
Driver: William C. SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 2/16/23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 2/16/23

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 2-16-23



Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3055046

Date	Time	Scale
In:02/16/2023	15:42:19	CEC
Out:02/16/2023	15:42:19	CEC

	Lbs.	Tns
Manifest:2684976	Gross: 94,680	47.34
Vehicle:07JENCAR68	Tare: 25,920	12.96
Decal:	Net: 68,760	34.38

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074859

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

<b>GENERATOR'S NAME &amp; SITE ADDRESS:</b> <u>MATTE Brackley Project LLC / 4778 Brackley Project</u> <u>4778 Brackley</u> <u>New York, NY 10034</u>	<b>GROSS WEIGHT:</b> <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<b>GENERATOR'S PHONE:</b> <u>516-821-2003</u>	<b>TARE WEIGHT:</b> <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	<b>NET WEIGHT:</b> <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: [Signature] Title: [Signature]  
Signature: [Signature] Date and Time: 2/16/23

**TRANSPORTER**

Company: JENCAN Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: AXD74C  
Driver: JULIO FERRER SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: JAN Date and Time: 2/16/23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: JAN Date and Time: 2/16/23

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 2-16-23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3059738

Date	Time	Scale
In:02/24/2023	08:25:12	CEC
Out:02/24/2023	08:25:12	CEC

Manifest:2684933  
Vehicle:07JENCAR68  
Decal:

	Lbs.	Tns
Gross:	93,000	46.50
Tare:	25,920	12.96
Net:	67,080	33.54

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

**Material**

**Recyclable soil/rock/material**

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608

FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG STYPUKOWSKI Title: Superintendent  
 Signature: [Signature] Date and Time: 2/24/2023

**TRANSPORTER**

Company: JENCAR Phone Number: \_\_\_\_\_  
 Address: \_\_\_\_\_ Truck # and License Plate: AX 724C  
 Driver: JULIO FERRER SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: JAN Date and Time: 2/24/23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: JAN Date and Time: 2/24/23

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 2.24.23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3060830

Date	Time	Scale
In:02/24/2023	08:42:59	CEC
Out:02/24/2023	08:42:59	CEC

Manifest:2684934  
Vehicle:07JENCAR62  
Decal:

	Lbs.	Tns
Gross:	92,880	46.44
Tare:	28,040	14.02
Net:	64,840	32.42

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

**Material**

**Recyclable soil/rock/material**

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608

FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>		GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>		TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
		NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GRIG SIYRVLKOUKI Title: superintendent  
Signature: [Signature] Date and Time: 2/24/2023

**TRANSPORTER**

Company: JOUVAN Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: 62 A2780C  
Driver: Guillermo B. SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 2-24-23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: \_\_\_\_\_

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 2.24.23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3060865

Date	Time	Scale
In:02/24/2023	08:53:08	CEC
Out:02/24/2023	08:53:08	CEC

Manifest:2684935  
Vehicle:07JENCAR66  
Decal:

	Lbs.	Tns
Gross:	92,740	46.37
Tare:	28,680	14.34
Net:	64,060	32.03

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

**Material**

**Recyclable soil/rock/material**

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608

FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GRZG STYPUKOWSKI Title: Superintendent  
Signature: \_\_\_\_\_ Date and Time: 2/24/2023

**TRANSPORTER**

Company: JENCOZ TRUCKING Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: 66 AX723C  
Driver: [Signature] SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: \_\_\_\_\_ Date and Time: 02-24-2023

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 2.24.23



Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3061189

Date	Time	Scale
In:02/24/2023	11:02:43	CEC
Out:02/24/2023	11:02:43	CEC

Manifest:2684936  
Vehicle:07JENCAR68  
Decal:

	Lbs.	Tns
Gross:	94,940	47.47
Tare:	25,920	12.96
Net:	69,020	34.51

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

**Material**

**Recyclable soil/rock/material**

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG STYGLIANKO Title: Superintendent  
 Signature: [Signature] Date and Time: 2/24/2023

**TRANSPORTER**

Company: JENCOB TRUCK Phone Number: \_\_\_\_\_  
 Address: \_\_\_\_\_ Truck # and License Plate: AX 724C  
 Driver: JULIO FERRER SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: JAN Date and Time: 2/24/23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: JAN Date and Time: 2/24/23

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 2.24.23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3061225

Date	Time	Scale
In:02/24/2023	11:14:38	CEC
Out:02/24/2023	11:14:38	CEC

Manifest:2684937  
Vehicle:07JENCAR62  
Decal:

	Lbs.	Tns
Gross:	91,100	45.55
Tare:	28,040	14.02
Net:	63,060	31.53

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

**Material**

**Recyclable soil/rock/material**

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608

FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:		GROSS WEIGHT:	
<del>M4778 Broadway Project LLC / 4778 Broadway Project</del>		<input type="checkbox"/> Tons	<input type="checkbox"/> Yards
<del>4778 Broadway</del>		TARE WEIGHT:	
<del>New York, NY 10034</del>		<input type="checkbox"/> Tons	<input type="checkbox"/> Yards
GENERATOR'S PHONE:	<u>516-821-2003</u>	NET WEIGHT:	
		<input type="checkbox"/> Tons	<input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Greg Stypulkowski Title: Superintendent  
 Signature: [Signature] Date and Time: 2/24/2023

**TRANSPORTER**

Company: JONCO Phone Number: \_\_\_\_\_  
 Address: \_\_\_\_\_ Truck # and License Plate: 62 A5780C  
 Driver: Guillermo B. SW Haulers Permit #: \_\_\_\_\_  
 (Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 2-24-23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: \_\_\_\_\_

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 2-24-23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3061273

Date	Time	Scale
In:02/24/2023	11:31:56	CEC
Out:02/24/2023	11:31:56	CEC

Manifest:2684938  
Vehicle:07JENCAR66  
Decal:

	Lbs.	Tns
Gross:	97,840	48.92
Tare:	28,680	14.34
Net:	69,160	34.58

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <b>M4778 Broadway Project LLC / 4778 Broadway Project</b> <b>4778 Broadway</b> <b>New York, NY 10034</b>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <b>516-821-2003</b>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.  
 I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG GYPUCKOWSKI Title: Superintendent  
 Signature: [Signature] Date and Time: 2/24/2023

**TRANSPORTER**

Company: JENCAR TRUCKING Phone Number: \_\_\_\_\_  
 Address: \_\_\_\_\_ Truck # and License Plate: 66 AX723C  
 Driver: [Signature] SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 02-24-2023

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 2.24.23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3061563

Date	Time	Scale
In:02/24/2023	13:57:40	CEC
Out:02/24/2023	13:57:40	CEC

Manifest:2684939  
Vehicle:07JENCAR68  
Decal:

	Lbs.	Tns
Gross:	99,060	49.53
Tare:	25,920	12.96
Net:	73,140	36.57

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

**Material**

**Recyclable soil/rock/material**

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<b>DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION</b> <u>Non-hazardous Soil</u>	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG SIKULKOWSKI Title: Superintendent  
Signature: [Signature] Date and Time: 2/24/2023

**TRANSPORTER** JENCAR TRUCK  
Company: \_\_\_\_\_ Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: AX724C  
Driver: JULIO E [Signature] SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.  
Driver Signature: JAN [Signature] Date and Time: 2/24/23

**DESTINATION**  
I hereby certify that the above named material was delivered without incident to the facility noted above.  
Driver Signature: JAN [Signature] Date and Time: 2/24/23  
I hereby certify that the above named material has been accepted at the above referenced facility.  
Authorized Signature: [Signature] Date and Time: 2-24-23



Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3061592

Date	Time	Scale
In:02/24/2023	14:16:51	CEC
Out:02/24/2023	14:16:51	CEC

Manifest:2684940  
Vehicle:07JENCAR62  
Decal:GO SEE SCOTT in the  
OFFICE

	Lbs.	Tns
Gross:	95,680	47.84
Tare:	28,680	14.34
Net:	67,000	33.50

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

**Material**

**Recyclable soil/rock/material**

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <b>M4778 Broadway Project LLC / 4778 Broadway Project</b> <b>4778 Broadway</b> <b>New York, NY 10034</b>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GRB G STYPUKOWSKI Title: Supervisor  
 Signature: [Signature] Date and Time: 2/24/2023

**TRANSPORTER**

Company: JANCAR Phone Number: \_\_\_\_\_  
 Address: \_\_\_\_\_ Truck # and License Plate: 62 AX780C  
 Driver: Guillermo B. SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 2-24-23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_  
 Authorized Signature: [Signature] Date and Time: 2-24-23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3061625

Date	Time	Scale
In:02/24/2023	14:34:40	CEC
Out:02/24/2023	14:34:40	CEC

Manifest:2684941  
Vehicle:07JENCAR66  
Decal:

	Lbs.	Tns
Gross:	96,440	48.22
Tare:	28,680	14.34
Net:	67,760	33.88

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

**Material**

**Recyclable soil/rock/material**

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION: <u>Non-hazardous Soil</u>	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GRIG STYRKOZYKI Title: Superintendent  
 Signature: [Signature] Date and Time: 2/24/2023

**TRANSPORTER**

Company: JENCO TRUCKING Phone Number: \_\_\_\_\_  
 Address: \_\_\_\_\_ Truck # and License Plate: 66 AX73C  
 Driver: [Signature] SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 02-24-2023

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 2-24-23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3061760

Date	Time	Scale
In:02/27/2023	09:00:18	Manual
Out:02/27/2023	09:00:18	Manual

Manifest:2684924  
Vehicle:07JENCAR68  
Decal:

	Lbs.	Tns
Gross:	87,860	43.93
Tare:	25,920	12.96
Net:	61,940	30.97

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

**Material**

**Recyclable soil/rock/material**

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS:  <b>M4778 Broadway Project LLC / 4778 Broadway Project</b> <b>4778 Broadway</b> <b>New York, NY 10034</b>	GROSS WEIGHT: <b>87860</b> <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <b>516-821-2003</b>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.  
 I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: ERZB STYPUK Kowalski Title: Superintendent  
 Signature: [Signature] Date and Time: 2/27/23

**TRANSPORTER**

Company: JENCAR TRUCK Phone Number: \_\_\_\_\_  
 Address: \_\_\_\_\_ Truck # and License Plate: AX724C  
 Driver: JUHO ETHEM SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.  
 Driver Signature: JAN Date and Time: 2/27/23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.  
 Driver Signature: JAN Date and Time: 2/27/23  
 I hereby certify that the above named material has been accepted at the above referenced facility.  
 Authorized Signature: [Signature] Date and Time: 2 27 23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3062049

Date	Time	Scale
In:02/27/2023	09:09:15	CEC
Out:02/27/2023	09:09:15	CEC

Manifest:2684925  
Vehicle:07JENCAR65  
Decal:

	Lbs.	Tns
Gross:	91,700	45.85
Tare:	28,740	14.37
Net:	62,960	31.48

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

**Material**

**Recyclable soil/rock/material**

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <b>M4778 Broadway Project LLC / 4778 Broadway Project</b> <b>4778 Broadway</b> <b>New York, NY 10034</b>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <b>516-821-2003</b>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<b>516-821-2003</b>	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.  
I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG STY PULKOWSKI Title: Superintendent  
Signature: [Signature] Date and Time: 2/22/23

**TRANSPORTER**

Company: SANCOBOL Tower Phone Number: \_\_\_\_\_  
Address: 10 ALEXANDER DR Truck # and License Plate: AH 7314  
Driver: George Minchala SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.  
Driver Signature: [Signature] Date and Time: 2/27/23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.  
Driver Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_  
I hereby certify that the above named material has been accepted at the above referenced facility.  
Authorized Signature: [Signature] Date and Time: 2 27 23



Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3062078

Date	Time	Scale
In:02/27/2023	09:24:15	CEC
Out:02/27/2023	09:24:15	CEC

	Lbs.	Tns
Manifest:2684926	Gross: 95,080	47.54
Vehicle:07JENCAR71	Tare: 25,440	12.72
Decal:	Net: 69,640	34.82

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

**Material**

**Recyclable soil/rock/material**

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <b>M4778 Broadway Project LLC / 4778 Broadway Project</b> <b>4778 Broadway</b> <b>New York, NY 10034</b>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <b>516-821-2003</b>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG STYPUK 2024 Title: Superintendent  
 Signature: [Signature] Date and Time: 2/29/23

**TRANSPORTER**

Company: JENCAR Phone Number: #71  
 Address: RANDOLMA.. Truck # and License Plate: AX781C  
 Driver: OSWALDO-AGUIERO SW Haulers Permit #: #71  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 2/27/23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 2/27/23

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 2-27-23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3062143

Date	Time	Scale
In:02/27/2023	09:51:57	CEC
Out:02/27/2023	09:51:57	CEC

Manifest:2684927  
Vehicle:07JENCAR64  
Decal:

	Lbs.	Tns
Gross:	92,640	46.32
Tare:	28,640	14.32
Net:	64,000	32.00

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

**Material**

**Recyclable soil/rock/material**

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <b>M4778 Broadway Project LLC / 4778 Broadway Project</b> <b>4778 Broadway</b> <b>New York, NY 10034</b>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <b>516-821-2003</b>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG STYPUKOWSKI Title: Superintendent  
 Signature: [Signature] Date and Time: 2/27/23

**TRANSPORTER**

Company: Jensen Trucking Phone Number: \_\_\_\_\_  
 Address: \_\_\_\_\_ Truck # and License Plate: A54167 ABH  
 Driver: [Signature] SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: \_\_\_\_\_

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 2.27.23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3062198

Date	Time	Scale
In:02/27/2023	10:11:10	CEC
Out:02/27/2023	10:11:10	CEC

Manifest:2684928  
Vehicle:07JENCAR76  
Decal:

	Lbs.	Tns
Gross:	92,800	46.40
Tare:	28,040	14.02
Net:	64,760	32.38

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

**Material**

**Recyclable soil/rock/material**

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <b>M4778 Broadway Project LLC / 4778 Broadway Project 4778 Broadway New York, NY 10034</b>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <b>516-821-2003</b>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.  
I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Greg Strykowski Title: Superintendent  
Signature: [Signature] Date and Time: 2/22/23

**TRANSPORTER**

Company: Jencor Phone Number: \_\_\_\_\_  
Address: 10 Ardexon Av Truck # and License Plate: A085AR #76  
Driver: Cristian Aguero SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 2/22/23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 2.27.23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3062289

Date	Time	Scale
In:02/27/2023	10:52:24	CEC
Out:02/27/2023	10:52:24	CEC

Manifest:2684929  
Vehicle:07JENCAR62  
Decal:

	Lbs.	Tns
Gross:	97,640	48.82
Tare:	28,040	14.02
Net:	69,600	34.80

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

**Material**

**Recyclable soil/rock/material**

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG Strykowski Title: Superintendent  
 Signature: [Signature] Date and Time: 2/27/23

**TRANSPORTER**

Company: JANCAV Phone Number: \_\_\_\_\_  
 Address: \_\_\_\_\_ Truck # and License Plate: 62 AX780C  
 Driver: Guillermo B. SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 2.27.23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 2.27.23



Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3062389

Date	Time	Scale
In:02/27/2023	11:31:45	CEC
Out:02/27/2023	11:31:45	CEC

Manifest:2684930  
Vehicle:07JENCAR66  
Decal:

	Lbs.	Tns
Gross:	95,200	47.60
Tare:	28,680	14.34
Net:	66,520	33.26

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

**Material**

**Recyclable soil/rock/material**

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION: <u>Non-hazardous Soil</u>	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: CRB GY 577 PUCKONGH Title: Superintendent  
 Signature: [Signature] Date and Time: 2/27/23

**TRANSPORTER**

Company: JENCO TRUCKING Phone Number: \_\_\_\_\_  
 Address: \_\_\_\_\_ Truck # and License Plate: 66 AX723C  
 Driver: [Signature] SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 02-27-2023

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: \_\_\_\_\_  
 I hereby certify that the above named material has been accepted at the above referenced facility.  
 Authorized Signature: [Signature] Date and Time: 2-27-23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3062472

Date	Time	Scale
In:02/27/2023	12:04:28	CEC
Out:02/27/2023	12:04:28	CEC

Manifest:2684931  
Vehicle:07JENCAR63  
Decal:

	Lbs.	Tns
Gross:	90,720	45.36
Tare:	28,180	14.09
Net:	62,540	31.27

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

**Material**

**Recyclable soil/rock/material**

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608

FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG STYPUKOWSKI Title: Superintendent  
 Signature: [Signature] Date and Time: 2/27/23

**TRANSPORTER**

Company: Jencor Phone Number: \_\_\_\_\_  
 Address: \_\_\_\_\_ Truck # and License Plate: #63 AS702T  
 Driver: William C. SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 2/27/23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 2/27/23

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 2.27.23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3062518

Date	Time	Scale
In:02/27/2023	12:27:33	CEC
Out:02/27/2023	12:27:33	CEC

Manifest:2684932  
Vehicle:07JENCAR68  
Decal:

	Lbs.	Tns
Gross:	97,280	48.64
Tare:	25,920	12.96
Net:	71,360	35.68

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

**Material**

**Recyclable soil/rock/material**

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other: \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <b>M4778 Broadway Project LLC / 4778 Broadway Project</b> <b>4778 Broadway</b> <b>New York, NY 10034</b>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	
DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION <b>Non-hazardous Soil</b>	
GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected. I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations. Name: <u>GREG STYPUKALSKI</u> Title: <u>Supervisor</u> Signature: <u>[Signature]</u> Date and Time: <u>2/29/23</u>	
TRANSPORTER <b>JENCAR</b> Company: <u>JENCAR</u> Phone Number: _____ Address: _____ Truck # and License Plate: <u>AX7D4C</u> Driver: <u>JULIO ETHERTON</u> SW Haulers Permit #: _____ (Type or Print Clearly) (applicable state permit#)	
I hereby certify that the above named material was picked up at the site listed above. Driver Signature: <u>JAN</u> Date and Time: <u>2/27/23</u>	
DESTINATION I hereby certify that the above named material was delivered without incident to the facility noted above. Driver Signature: <u>JAN</u> Date and Time: <u>2/27/23</u> I hereby certify that the above named material has been accepted at the above referenced facility. Authorized Signature: <u>[Signature]</u> Date and Time: <u>2.27.23</u>	

FACILITY

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3063435

Date	Time	Scale
In:03/01/2023	09:19:39	CEC
Out:03/01/2023	09:19:39	CEC

	Lbs.	Tns
Manifest:2684918	Gross: 98,960	49.48
Vehicle:07JENCAR60	Tare: 28,600	14.30
Decal:	Net: 70,360	35.18

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>		GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards <u>98960</u>
GENERATOR'S PHONE: <u>516-821-2003</u>		TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
		NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Greg Sypulkowski Title: Superintendent  
Signature: [Signature] Date and Time: 3/1/2023

**TRANSPORTER**

Company: Jencor #60 Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: AX913D #60  
Driver: Anthony SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 03-01-2023

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_  
I hereby certify that the above named material has been accepted at the above referenced facility.  
Authorized Signature: [Signature] Date and Time: 3 1 23



Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3064098

Date	Time	Scale
In:03/01/2023	09:30:31	CEC
Out:03/01/2023	09:30:31	CEC

	Lbs.	Tns
Manifest:2684919	Gross: 93,600	46.80
Vehicle:07JENCAR73	Tare: 27,980	13.99
Decal:	Net: 65,620	32.81

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

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### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION <u>Non-hazardous Soil</u>	
GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected. I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations. Name: <u>GREG STYPKOWSKI</u> Title: <u>Superintendent</u> Signature: <u>[Signature]</u> Date and Time: <u>3/1/2023</u>	
TRANSPORTER Company: <u>Jencan Trucking</u> Phone Number: _____ Address: _____ Truck # and License Plate: <u>AX914D # 23</u> Driver: <u>Leo Sepulveda</u> SW Haulers Permit #: _____ (Type or Print Clearly) (applicable state permit#) I hereby certify that the above named material was picked up at the site listed above.	
Driver Signature: <u>[Signature]</u> Date and Time: <u>3-1-23 8:40</u>	
DESTINATION I hereby certify that the above named material was delivered without incident to the facility noted above. Driver Signature: <u>[Signature]</u> Date and Time: <u>3-1-23</u> I hereby certify that the above named material has been accepted at the above referenced facility. Authorized Signature: <u>[Signature]</u> Date and Time: <u>3-1-23</u>	

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3064373

Date	Time	Scale
In:03/01/2023	11:44:45	CEC
Out:03/01/2023	11:44:45	CEC

	Lbs.	Tns
Manifest:2684920	Gross: 97,780	48.89
Vehicle:07JENCAR71	Tare: 25,440	12.72
Decal:	Net: 72,340	36.17

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____<br>_____<br>_____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>		GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>		TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
		NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG SYRBUCKOWSKI Title: Superintendent  
Signature: [Signature] Date and Time: 3/1/2023

**TRANSPORTER**

Company: JENCOR- Phone Number: #71  
Address: RANDOLAH Truck # and License Plate: AX781C  
Driver: OSVALDO ABUELO SW Haulers Permit #: #71  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 3-1-23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 3-1-23

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 3-1-23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3064437

Date	Time	Scale
In:03/01/2023	12:09:31	CEC
Out:03/01/2023	12:09:31	CEC

	Lbs.	Tns
Manifest:2684921	Gross: 93,360	46.68
Vehicle:07jencar73	Tare: 28,320	14.16
Decal:	Net: 65,040	32.52

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____<br>_____<br>_____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG STYPUKOWSKI Title: Superintendent  
Signature: [Signature] Date and Time: 3/1/2023

**TRANSPORTER**

Company: Jencal Trucking Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: AX914 D #73  
Driver: Leo Sepulveda SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 3-1-23 11:40

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: 3-1-23

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 3-1-23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3064480

Date	Time	Scale
In:03/01/2023	12:25:58	CEC
Out:03/01/2023	12:25:58	CEC

	Lbs.	Tns
Manifest:2684922	Gross: 90,260	45.13
Vehicle:07JENCAR63	Tare: 28,180	14.09
Decal:	Net: 62,080	31.04

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

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### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>		GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>		TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
		NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG STYRUCKOWSKI Title: Superior Landfill  
Signature: [Signature] Date and Time: 3/1/2023

**TRANSPORTER**

Company: Jencor Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: #63 AS7021  
Driver: William C. SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 3/01/23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 3/01/23

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 3-1-23



Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3064658

Date	Time	Scale
In:03/02/2023	08:57:39	CEC
Out:03/02/2023	08:57:39	CEC

	Lbs.	Tns
Manifest:2684913	Gross: 95,880	47.94
Vehicle:07JENCAR60	Tare: 28,600	14.30
Decal:	Net: 67,280	33.64

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG STYBULKOWSKI Title: Supervisor  
 Signature: [Signature] Date and Time: 3/2/23

**TRANSPORTER**

Company: Jencor #60 Phone Number: \_\_\_\_\_  
 Address: \_\_\_\_\_ Truck # and License Plate: AX913 D  
 Driver: Anthony SW Haulers Permit #: \_\_\_\_\_  
 (Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 3/2/23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: \_\_\_\_\_

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 3.2.23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3065207

Date	Time	Scale
In:03/02/2023	09:18:20	CEC
Out:03/02/2023	09:18:20	CEC

	Lbs.	Tns
Manifest:2684914	Gross: 97,880	48.94
Vehicle:07JENCAR68	Tare: 25,920	12.96
Decal:	Net: 71,960	35.98

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <b>M4778 Broadway Project LLC / 4778 Broadway Project</b> <b>4778 Broadway</b> <b>New York, NY 10034</b>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <b>516-821-2003</b>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

**Non-hazardous Soil**

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.  
I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG STYRZEKOWSKI Title: Superintendent  
Signature: [Signature] Date and Time: 3/2/23

**TRANSPORTER**

Company: JENCOAL Phone Number: 68  
Address: JUHO EN Truck # and License Plate: AK724C  
Driver: JAN EN SW Haulers Permit #: \_\_\_\_\_ (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.  
Driver Signature: JAN Date and Time: 3/2/23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.  
Driver Signature: JAN Date and Time: 3/2/23  
I hereby certify that the above named material has been accepted at the above referenced facility.  
Authorized Signature: [Signature] Date and Time: 3 2 23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3065319

Date	Time	Scale
In:03/02/2023	10:01:29	CEC
Out:03/02/2023	10:01:29	CEC

	Lbs.	Tns
Manifest:2684915	Gross: 96,880	48.44
Vehicle:07JENCAR66	Tare: 28,680	14.34
Decal:	Net: 68,200	34.10

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG SZYBICKI Title: Superintendent  
Signature: [Signature] Date and Time: 3/2/23

**TRANSPORTER**

Company: JENCO2 TRUCKING Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: 66 AX723C  
Driver: [Signature] SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 03.02.2023

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 3.2.23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3065611

Date	Time	Scale
In:03/02/2023	11:50:04	CEC
Out:03/02/2023	11:50:04	CEC

	Lbs.	Tns
Manifest:2684916	Gross: 96,960	48.48
Vehicle:07JENCAR68	Tare: 25,920	12.96
Decal:	Net: 71,040	35.52

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <b>M4778 Broadway Project LLC / 4778 Broadway Project 4778 Broadway New York, NY 10034</b>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <b>516-821-2003</b>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

**Non-hazardous Soil**

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG STYPUKOWSKI Title: Superintendent  
Signature: [Signature] Date and Time: 3/2/23

**TRANSPORTER**

Company: JENCOM Phone Number: 68  
Address: JOLO ECHERONG Truck # and License Plate: AX 724C  
Driver: JOLO ECHERONG SW Haulers Permit #: \_\_\_\_\_ (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: JME Date and Time: 3/2/23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: JME Date and Time: 3/2/23

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 3.2.23



Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3065820

Date	Time	Scale
In:03/02/2023	13:02:04	CEC
Out:03/02/2023	13:02:04	CEC

	Lbs.	Tns
Manifest:2684917	Gross: 94,820	47.41
Vehicle:07JENCAR66	Tare: 28,680	14.34
Decal:	Net: 66,140	33.07

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG STYPUKOWSKI Title: Superintendent  
Signature: [Signature] Date and Time: 3/2/23

**TRANSPORTER**

Company: TENOR TRUCKING Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: 66 AX723C  
Driver: [Signature] SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 03-02-2023

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 3-2-23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3067530

Date	Time	Scale
In:03/03/2023	14:57:42	CEC
Out:03/03/2023	14:57:42	CEC

	Lbs.	Tns
Manifest:2684906	Gross: 93,220	46.61
Vehicle:07JENCAR76	Tare: 28,040	14.02
Decal:	Net: 65,180	32.59

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <b>M4778 Broadway Project LLC / 4778 Broadway Project 4778 Broadway New York, NY 10034</b>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <b>516-821-2003</b>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

**Non-hazardous Soil**

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG SYRUCKOWSKI Title: Superintendent  
 Signature: [Signature] Date and Time: 3-3-23

**TRANSPORTER**

Company: Jenal Phone Number: \_\_\_\_\_  
 Address: 10 Avenue Truck # and License Plate: A082AR 176  
 Driver: Cushman SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 3/03/23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 3/03/23

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 3-3-23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3067355

Date	Time	Scale
In:03/03/2023	13:35:28	CEC
Out:03/03/2023	13:35:28	CEC

	Lbs.	Tns
Manifest:2684907	Gross: 89,480	44.74
Vehicle:07JENCAR60	Tare: 28,600	14.30
Decal:	Net: 60,880	30.44

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION <u>Non-hazardous Soil</u>	
GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected. I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations. Name: <u>GREG SZYBULKO, Sr</u> Title: <u>Superintendent</u> Signature: <u>[Signature]</u> Date and Time: <u>3-3-23</u>	
TRANSPORTER Company: <u>JenCar # 60</u> Phone Number: _____ Address: _____ Truck # and License Plate: <u>Ax913D #60</u> Driver: <u>A [Signature]</u> SW Haulers Permit #: _____ (Type or Print Clearly) (applicable state permit#)	
I hereby certify that the above named material was picked up at the site listed above. Driver Signature: <u>[Signature]</u> Date and Time: <u>03-3-23</u>	
DESTINATION I hereby certify that the above named material was delivered without incident to the facility noted above. Driver Signature: _____ Date and Time: _____ I hereby certify that the above named material has been accepted at the above referenced facility. Authorized Signature: <u>[Signature]</u> Date and Time: <u>3 3 23</u>	

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3065665

Date	Time	Scale
In:03/03/2023	10:42:00	CEC
Out:03/03/2023	10:42:00	CEC

	Lbs.	Tns
Manifest:2684908	Gross: 94,280	47.14
Vehicle:07JENCAR71	Tare: 25,440	12.72
Decal:	Net: 68,840	34.42

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG STYBUKOWSKI Title: Superintendent  
Signature: [Signature] Date and Time: 3-3-23

**TRANSPORTER**

Company: JENCAR Phone Number: #71  
Address: RANDOLPH Truck # and License Plate: AX 7815  
Driver: OSVALDO AGUIAR SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 3-3-23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 3-3-23

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 3-3-23



Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3067009

Date	Time	Scale
In:03/03/2023	11:10:10	CEC
Out:03/03/2023	11:10:10	CEC

	Lbs.	Tns
Manifest:2684909	Gross: 87,940	43.97
Vehicle:07JENCAR60	Tare: 28,600	14.30
Decal:	Net: 59,340	29.67

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG STYRUCKOWSKI Title: Superintendent  
Signature: [Signature] Date and Time: 3-3-23

**TRANSPORTER**

Company: JNCOR # 60 Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: AX913D #60  
Driver: Anthony SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 3-3-23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 3-3-23

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 3-3-23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3067182

Date	Time	Scale
In:03/03/2023	12:03:31	CEC
Out:03/03/2023	12:03:31	CEC

	Lbs.	Tns
Manifest:2684910	Gross: 86,320	43.16
Vehicle:07JENCAR76	Tare: 28,040	14.02
Decal:	Net: 58,280	29.14

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608

FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <b>M4778 Broadway Project LLC / 4778 Broadway Project 4778 Broadway New York, NY 10034</b>		GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <b>516-821-2003</b>		TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
		NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

**Non-hazardous Soil**

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: CREG STYPUKOWSKI Title: Superintendent  
 Signature: [Signature] Date and Time: 3-3-23

**TRANSPORTER**

Company: Encor Phone Number: \_\_\_\_\_  
 Address: 10 Anderson Ave Truck # and License Plate: AU85AR / #176  
 Driver: Cushman SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 3/03/23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: 3/03/23

I hereby certify that the above named material has been accepted at the above referenced facility.  
 Authorized Signature: [Signature] Date and Time: 3-3-23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3067226

Date	Time	Scale
In:03/03/2023	12:21:11	CEC
Out:03/03/2023	12:21:11	CEC

	Lbs.	Tns
Manifest:2684911	Gross: 87,920	43.96
Vehicle:07JENCAR62	Tare: 28,680	14.34
Decal:GO SEE SCOTT in the OFFICE	Net: 59,240	29.62

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <b>M4778 Broadway Project LLC / 4778 Broadway Project 4778 Broadway New York, NY 10034</b>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG STYBULKOWSKI Title: Superintendent  
 Signature: [Signature] Date and Time: 3-3-23

**TRANSPORTER**

Company: JAN CAR Phone Number: \_\_\_\_\_  
 Address: \_\_\_\_\_ Truck # and License Plate: 62 AX780C  
 Driver: Giuseppe B. SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 3-3-23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: \_\_\_\_\_

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 3 3 23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3067300

Date	Time	Scale
In:03/03/2023	13:13:19	CEC
Out:03/03/2023	13:13:19	CEC

	Lbs.	Tns
Manifest:2684912	Gross: 95,680	47.84
Vehicle:07JENCAR71	Tare: 25,440	12.72
Decal:	Net: 70,240	35.12

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>		GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>		TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
		NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG STYBULKOWSKI Title: Superintendent  
Signature: [Signature] Date and Time: 3-3-23

**TRANSPORTER**

Company: TENCAR Phone Number: # 71  
Address: RANDOLPHA. Truck # and License Plate: AX781C  
Driver: OSVALDO AGUIAR SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 3-3-23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 3-3-23

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 3-3-23



Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3069138

Date	Time	Scale
In:03/06/2023	15:00:58	CEC
Out:03/06/2023	15:00:58	CEC

	Lbs.	Tns
Manifest:2684903	Gross: 97,280	48.64
Vehicle:07JENCAR77	Tare: 28,560	14.28
Decal:	Net: 68,720	34.36

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	
DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION <u>Non-hazardous Soil</u>	
<b>GENERATOR'S CERTIFICATION</b> - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected. I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations. Name: <u>Greg Stypulkowski</u> Title: <u>Superintendent</u> Signature: <u>[Signature]</u> Date and Time: <u>3-6-23</u>	
<b>TRANSPORTER</b> Company: <u>Jencar Trucking</u> Phone Number: _____ Address: _____ Truck # and License Plate: <u>#77 AW432C</u> Driver: <u>Jean A.</u> SW Haulers Permit #: _____ (Type or Print Clearly) (applicable state permit#)	
I hereby certify that the above named material was picked up at the site listed above. Driver Signature: <u>[Signature]</u> Date and Time: <u>3-6-2023 2:00pm</u>	
<b>DESTINATION</b> I hereby certify that the above named material was delivered without incident to the facility noted above. Driver Signature: <u>[Signature]</u> Date and Time: <u>3-6-2023</u> I hereby certify that the above named material has been accepted at the above referenced facility. Authorized Signature: _____ Date and Time: _____	

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3067426

Date	Time	Scale
In:03/06/2023	08:57:13	CEC
Out:03/06/2023	08:57:13	CEC

	Lbs.	Tns
Manifest:2684904	Gross: 96,240	48.12
Vehicle:07JENCAR71	Tare: 25,440	12.72
Decal:	Net: 70,800	35.40

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <b>M4778 Broadway Project LLC / 4778 Broadway Project</b> <b>4778 Broadway</b> <b>New York, NY 10034</b>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <b>516-821-2003</b>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

**Non-hazardous Soil**

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG SYRPUKOWSKI Title: Superintendent  
 Signature: [Signature] Date and Time: 3-6-23

**TRANSPORTER**

Company: TENCAR Phone Number: AX7816  
 Address: OR Truck # and License Plate: #71  
 Driver: OSVANDO AGUERO SW Haulers Permit #: [Permit]  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 3-6-23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 3-6-23

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 3-6-23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3070357

Date	Time	Scale
In:03/07/2023	14:51:51	CEC
Out:03/07/2023	14:51:51	CEC

	Lbs.	Tns
Manifest:2684899	Gross: 98,480	49.24
Vehicle:07JENCAR77	Tare: 28,560	14.28
Decal:	Net: 69,920	34.96

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608

FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG STYPUKOWSKI Title: Supervisor  
Signature: [Signature] Date and Time: 3-7-23

**TRANSPORTER**

Company: Linear Trucking Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: #77 AW432C  
Driver: Jean-A. SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 3-7-2023 12:45

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 3-7-2023

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 3-7-23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3069038

Date	Time	Scale
In:03/07/2023	08:26:30	CEC
Out:03/07/2023	08:26:30	CEC

	Lbs.	Tns
Manifest:2684901	Gross: 97,500	48.75
Vehicle:07JENCAR67	Tare: 25,240	12.62
Decal:	Net: 72,260	36.13

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION <u>Non-hazardous Soil</u>	
GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected. I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations. Name: <u>GREG STYPUKOWSKI</u> Title: <u>Superintendent</u> Signature: _____ Date and Time: <u>3-7-23</u>	
TRANSPORTER Company: <u>Tenar</u> Phone Number: _____ Address: _____ Truck # and License Plate: <u>AW847H</u> Driver: <u>[Signature]</u> SW Haulers Permit #: <u>67</u> (Type or Print Clearly) (applicable state permit#)	
I hereby certify that the above named material was picked up at the site listed above. Driver Signature: <u>[Signature]</u> Date and Time: <u>3-7-2023</u>	
DESTINATION I hereby certify that the above named material was delivered without incident to the facility noted above. Driver Signature: <u>[Signature]</u> Date and Time: <u>3-7-2023</u> I hereby certify that the above named material has been accepted at the above referenced facility. Authorized Signature: <u>[Signature]</u> Date and Time: <u>3-7-23</u>	



Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3069555

Date	Time	Scale
In:03/07/2023	09:04:58	CEC
Out:03/07/2023	09:04:58	CEC

	Lbs.	Tns
Manifest:2684902	Gross: 97,860	48.93
Vehicle:07JENCAR71	Tare: 25,440	12.72
Decal:	Net: 72,420	36.21

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG STYPUKOWSKI Title: Superintendent  
 Signature: [Signature] Date and Time: 3-7-23

**TRANSPORTER**

Company: JCW CAR Phone Number: #71  
 Address: RANDOLAH Truck # and License Plate: AX781K  
 Driver: OSVALDO AGUIERO SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 3-7-23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 3-7-23

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 3-7-23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3071741

Date	Time	Scale
In:03/08/2023	13:54:01	CEC
Out:03/08/2023	13:54:01	CEC

	Lbs.	Tns
Manifest:2684897	Gross: 101,320	50.66
Vehicle:07JENCAR65	Tare: 28,740	14.37
Decal:	Net: 72,580	36.29

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG SYPUKOWSKI Title: Superintendent  
 Signature: [Signature] Date and Time: 3-8-23

**TRANSPORTER**

Company: IANCAE Trenching Phone Number: \_\_\_\_\_  
 Address: 10 Alexander Dr Truck # and License Plate: AT7314  
 Driver: Jorge Minchale SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above. 01 PM

Driver Signature: [Signature] Date and Time: 3-8-23 02 PM  
1: PM

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_  
 I hereby certify that the above named material has been accepted at the above referenced facility.  
 Authorized Signature: [Signature] Date and Time: 3 8 23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3070345

	Date	Time	Scale
In:	03/08/2023	11:34:12	CEC
Out:	03/08/2023	11:34:12	CEC

		Lbs.	Tns
Manifest:2684898	Gross:	94,040	47.02
Vehicle:07JENCAR71	Tare:	25,440	12.72
Decal:	Net:	68,600	34.30

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <b>M4778 Broadway Project LLC / 4778 Broadway Project 4778 Broadway New York, NY 10034</b>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <b>516-821-2003</b>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

**Non-hazardous Soil**

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG STYPUKOWSKI Title: Superintendent  
Signature: [Signature] Date and Time: 3/8/23

**TRANSPORTER**

Company: JENLAR Phone Number: #71  
Address: RANDOLAH Truck # and License Plate: AX781C  
Driver: OSVALDO AGUIAR SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 3/8/23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: 3/8/23

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 3/8/23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3086456

Date	Time	Scale
In:03/27/2023	12:03:20	Manual
Out:03/27/2023	12:03:20	Manual

	Lbs.	Tns
Manifest:2684894	Gross: 75,400	37.70
Vehicle:07CARDELLA88	Tare: 39,340	19.67
Decal:	Net: 36,060	18.03

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Paul Joseph

GLOBAL JOB NUMBER: 1011608

FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <b>M4778 Broadway Project LLC / 4778 Broadway Project</b> <b>4778 Broadway</b> <b>New York, NY 10034</b>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <b>516-821-2003</b>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards	
DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION <b>Non-hazardous Soil</b>	
<b>GENERATOR'S CERTIFICATION</b> - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected. I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations. Name: <u>GREG STYBLOKOWSKI</u> Title: <u>Superintendent</u> Signature: <u>[Signature]</u> Date and Time: <u>3/27/23</u>	
<b>TRANSPORTER</b> Company: <u>Cardella TRK</u> Phone Number: _____ Address: <u>2400 Tonawanda Av. N. Bergen, NJ</u> Truck # and License Plate: <u>488 A-968 A</u> Driver: <u>Michael Picinomo</u> SW Haulers Permit #: _____ (Type or Print Clearly) (applicable state permit#)	
I hereby certify that the above named material was picked up at the site listed above. Driver Signature: <u>[Signature]</u> Date and Time: <u>3-27-23</u>	
<b>DESTINATION</b> I hereby certify that the above named material was delivered without incident to the facility noted above. Driver Signature: <u>[Signature]</u> Date and Time: <u>3-27-23</u> I hereby certify that the above named material has been accepted at the above referenced facility. Authorized Signature: <u>[Signature]</u> Date and Time: <u>3-27-23</u>	



Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3088333

Date	Time	Scale
In:03/27/2023	13:14:14	CEC
Out:03/27/2023	13:14:14	CEC

	Lbs.	Tns
Manifest:2684895	Gross: 69,180	34.59
Vehicle:07cardella134	Tare: 38,460	19.23
Decal:	Net: 30,720	15.36

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION <u>Non-hazardous Soil</u>	
GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected. I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations. Name: <u>GREG STYPUKOWSKI</u> Title: <u>Superintendent</u> Signature: <u>[Signature]</u> Date and Time: <u>3/27/23</u>	
TRANSPORTER Company: <u>Cardella</u> Phone Number: <u>800-548-7001</u> Address: <u>2400 Tonnelle Ave N Bergen NJ</u> Truck # and License Plate: <u>134 AX 9952 NJ</u> Driver: <u>Larry Farrow</u> SW Haulers Permit #: <u>1191</u> (Type or Print Clearly) (applicable state permit#)	
I hereby certify that the above named material was picked up at the site listed above. Driver Signature: <u>[Signature]</u> Date and Time: <u>3/27/23 12:12 PM</u>	
DESTINATION I hereby certify that the above named material was delivered without incident to the facility noted above. Driver Signature: <u>[Signature]</u> Date and Time: <u>3/27/23 1:06 PM</u> I hereby certify that the above named material has been accepted at the above referenced facility. Authorized Signature: <u>[Signature]</u> Date and Time: <u>3-27-23</u>	

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3089669

Date	Time	Scale
In:03/28/2023	13:48:19	Manual
Out:03/28/2023	13:48:19	Manual

	Lbs.	Tns
Manifest:2684764	Gross: 74,380	37.19
Vehicle:07Cardella	Tare: 39,780	19.89
Decal:	Net: 34,600	17.30

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION <u>Non-hazardous Soil</u>	
GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected. I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations. Name: <u>Greg Stupulkowski</u> Title: <u>Superintendent</u> Signature: <u>[Signature]</u> Date and Time: <u>3/28/23</u>	
TRANSPORTER Company: <u>Cardella Trucking</u> Phone Number: _____ Address: <u>2400 Tonnelle Ave North</u> Truck # and License Plate: <u>75M AU456 P</u> Driver: <u>Manuel Cubela</u> SW Haulers Permit #: <u>SW 005114</u> (Type or Print Clearly) (applicable state permit#) I hereby certify that the above named material was picked up at the site listed above. Driver Signature: <u>Manuel Cubela</u> Date and Time: <u>3/28/2023</u>	
DESTINATION I hereby certify that the above named material was delivered without incident to the facility noted above. Driver Signature: <u>Manuel Cubela</u> Date and Time: <u>3-28-23</u> I hereby certify that the above named material has been accepted at the above referenced facility. Authorized Signature: <u>[Signature]</u> Date and Time: <u>3-28-23</u>	

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3086457

Date	Time	Scale
In:03/28/2023	08:06:12	CEC
Out:03/28/2023	08:06:12	CEC

	Lbs.	Tns
Manifest:2684853	Gross: 67,900	33.95
Vehicle:07cardella134	Tare: 38,460	19.23
Decal:	Net: 29,440	14.72

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <b>M4778 Broadway Project LLC / 4778 Broadway Project</b> <b>4778 Broadway</b> <b>New York, NY 10034</b>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <b>516-821-2003</b>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG STYBVLKOWSKI Title: Superintendent  
 Signature: [Signature] Date and Time: 3/28/23

**TRANSPORTER**

Company: Cardella Phone Number: 800-548-7001  
 Address: 2400 Tonawilla Ave N Bergen NJ Truck # and License Plate: 137 A49952 NJ  
 Driver: Larry Farrell SW Haulers Permit #: 1191  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 3/28/23 7:02 AM

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 3/28/23 8:03 AM

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 3-28-23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3086458

Date	Time	Scale
In:03/29/2023	08:50:16	CEC
Out:03/29/2023	08:50:16	CEC

	Lbs.	Tns
Manifest:2684763	Gross: 78,760	39.38
Vehicle:07CARD116	Tare: 40,640	20.32
Decal:	Net: 38,120	19.06

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u> GENERATOR'S PHONE: <u>516-821-2003</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION <u>Non-hazardous Soil</u>	
GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected. I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.	
Name: <u>GRIG STYRVLKOWSKI</u> Title: <u>Superintendent</u> Signature: <u>[Signature]</u> Date and Time: <u>3/29/23</u>	
TRANSPORTER Company: <u>Cardella waste</u> Phone Number: <u>400 548 7001</u> Address: <u>2400 TOMMELLE AVE. NO BERGEN, NJ</u> Truck # and License Plate: <u>116 AX137R</u> Driver: <u>Aaron Roman</u> SW Haulers Permit #: <u>1191</u> (Type or Print Clearly) (applicable state permit#)	
I hereby certify that the above named material was picked up at the site listed above. Driver Signature: <u>[Signature]</u> Date and Time: <u>3/29/23</u>	
DESTINATION I hereby certify that the above named material was delivered without incident to the facility noted above. Driver Signature: <u>[Signature]</u> Date and Time: <u>3/29/23</u> I hereby certify that the above named material has been accepted at the above referenced facility. Authorized Signature: <u>[Signature]</u> Date and Time: <u>3 29 23</u>	



Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3090622

	Date	Time	Scale
In:	03/30/2023	13:25:20	CEC
Out:	03/30/2023	13:25:20	CEC

		Lbs.	Tns
Manifest:2684762	Gross:	82,000	41.00
Vehicle:07CARDELLA88	Tare:	39,340	19.67
Decal:	Net:	42,660	21.33

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

WCA# 854343

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

<b>GENERATOR'S NAME &amp; SITE ADDRESS:</b> <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	<b>GROSS WEIGHT:</b> <input type="checkbox"/> Tons <input type="checkbox"/> Yards
<b>GENERATOR'S PHONE:</b> <u>516-821-2003</u>	<b>TARE WEIGHT:</b> <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	<b>NET WEIGHT:</b> <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: CREG STYBULKOVSKI Title: Superintendent  
 Signature: [Signature] Date and Time: 3/30/23

**TRANSPORTER**

Company: Cardella Trk Phone Number: 800-548-7001  
 Address: 2400 Tonawelle Av. N. Bergen NJ Truck # and License Plate: #88 AT968A  
 Driver: Michael Piccinno SW Haulers Permit #: R05630  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 3-30-23

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 3-30-23

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 3-30-23

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:2959273

Date	Time	Scale
In:11/02/2022	08:37:12	CEC
Out:11/02/2022	08:37:12	CEC

	Lbs.	Tns
Manifest:2615937	Gross: 79,260	39.63
Vehicle:07JENCAR77	Tare: 28,560	14.28
Decal:	Net: 50,700	25.35

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608

FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>		GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>		TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
		NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Slava Mityuk Title: SSM  
Signature: [Signature] Date and Time: 11/2/22 7:45 am

**TRANSPORTER**

Company: Jencar Trucking Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: #77 AW432C  
Driver: Jean A. SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 11-2-2022 7:45 am

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: 11-2-2022 8:30 am

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 11-2-22

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:2961883

Date	Time	Scale
In:11/02/2022	11:39:19	CEC
Out:11/02/2022	11:39:19	CEC

	Lbs.	Tns
Manifest:2615938	Gross: 90,400	45.20
Vehicle:07JENCAR62	Tare: 28,040	14.02
Decal:	Net: 62,360	31.18

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.  
I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Slava Miluyk Title: SSM  
Signature: [Signature] Date and Time: 11/2/22

**TRANSPORTER**

Company: Jovcar Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: 62 AX980C  
Driver: Guillermo B. SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 11.2.22

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: \_\_\_\_\_

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 11.2.22

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:2962056

Date	Time	Scale
In:11/02/2022	12:48:47	CEC
Out:11/02/2022	12:48:47	CEC

	Lbs.	Tns
Manifest:2615945	Gross: 87,540	43.77
Vehicle:07JENCAR63	Tare: 28,180	14.09
Decal:	Net: 59,360	29.68

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608

FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-Hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Slava Milink Title: SSM  
Signature: [Signature] Date and Time: 11/2/22 11:45 am

**TRANSPORTER**

Company: Jercal Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: #63 A57027  
Driver: William SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 11/02/22

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 11/2/22



Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:2962092

	Date	Time	Scale
In:	11/02/2022	13:01:45	CEC
Out:	11/02/2022	13:01:45	CEC

		Lbs.	Tns
Manifest:2615944	Gross:	91,440	45.72
Vehicle:07JENCAR77	Tare:	28,560	14.28
Decal:	Net:	62,880	31.44

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

---

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-Hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.  
I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Slava Milink Title: SSM  
Signature: [Signature] Date and Time: 11/2/22 12:00 pm

**TRANSPORTER**

Company: Jencar Trucking Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: 77 AW432C  
Driver: [Signature] SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 11-2-2022 12:00 pm

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 11 2 22

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:2962145

Date	Time	Scale
In:11/02/2022	13:20:25	CEC
Out:11/02/2022	13:20:25	CEC

	Lbs.	Tns
Manifest:2615939	Gross: 82,520	41.26
Vehicle:07JENCAR73	Tare: 27,980	13.99
Decal:	Net: 54,540	27.27

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

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### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>44778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Slova, Milink Title: SSM  
Signature: [Signature] Date and Time: 11/2/22 12:20 pm

**TRANSPORTER**

Company: Jen Dai Trucking Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: AX9140 # 23  
Driver: Leo Sepulveda SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 11-2-22

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: 11-2-22

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 11 2 22

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:2962211

Date	Time	Scale
In:11/02/2022	13:48:37	CEC
Out:11/02/2022	13:48:37	CEC

	Lbs.	Tns
Manifest:2615940	Gross: 85,800	42.90
Vehicle:07JENCAR66	Tare: 28,680	14.34
Decal:	Net: 57,120	28.56

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

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### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011602 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |   |  |  |   |
|---|--|--|---|
| <input type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909         | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520 | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Slava Milink Title: SSM  
Signature: [Signature] Date and Time: 12:30 pm 11/2/22

**TRANSPORTER**

Company: JENOR TRUCKING Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: # 66 AX723C  
Driver: MILTON SURCO SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 11-02-2022

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 11 2 22

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:2993878

Date	Time	Scale
In:12/13/2022	08:17:42	CEC
Out:12/13/2022	08:17:42	CEC

Manifest:2615941  
Vehicle:07JENCAR55  
Decal:

	Lbs.	Tns
Gross:	93,560	46.78
Tare:	28,880	14.44
Net:	64,680	32.34

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

**Material**

**Recyclable soil/rock/material**

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION <u>Non-hazardous Soil</u>	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG STYWLKOWSKI Title: Superintendent  
 Signature: [Signature] Date and Time: 12/13/2022 2:16 PM

**TRANSPORTER**

Company: Jancar Phone Number: \_\_\_\_\_  
 Address: \_\_\_\_\_ Truck # and License Plate: 55 AV8530  
 Driver: John H SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: John H Date and Time: 12-13-2022

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: John H Date and Time: 12-13-22

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 12-13-22



Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:2999293

Date	Time	Scale
In:12/13/2022	08:46:25	CEC
Out:12/13/2022	08:46:25	CEC

Manifest:2615942  
Vehicle:07JENCAR66  
Decal:

	Lbs.	Tns
Gross:	86,220	43.11
Tare:	28,680	14.34
Net:	57,540	28.77

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	
DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION <u>Non-hazardous Soil</u>	
GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected. I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.	
Name: <u>GREG STYPUKOWSKI</u> Title: <u>Superior Transport</u> Signature: <u>[Signature]</u> Date and Time: <u>12/13/2022</u>	
TRANSPORTER Company: <u>TENOR TRUCKING</u> Phone Number: _____ Address: _____ Truck # and License Plate: <u>66 AXJ23C</u> Driver: <u>MICHAEL SURGE</u> SW Haulers Permit #: _____ (Type or Print Clearly) (applicable state permit#)	
I hereby certify that the above named material was picked up at the site listed above. Driver Signature: <u>[Signature]</u> Date and Time: <u>12.13.2022</u>	
DESTINATION I hereby certify that the above named material was delivered without incident to the facility noted above. Driver Signature: <u>[Signature]</u> Date and Time: _____ I hereby certify that the above named material has been accepted at the above referenced facility. Authorized Signature: <u>[Signature]</u> Date and Time: <u>12.13.22</u>	

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:2999592

Date	Time	Scale
In:12/13/2022	11:08:50	CEC
Out:12/13/2022	11:08:50	CEC

Manifest:2615943  
Vehicle:07JENCAR55  
Decal:

	Lbs.	Tns
Gross:	87,980	43.99
Tare:	28,880	14.44
Net:	59,100	29.55

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

**Material**

**Recyclable soil/rock/material**

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GRIG SIPOVICKOWSKI Title: Superintendent  
 Signature: [Signature] Date and Time: 12/13/2022 12:00 AM

**TRANSPORTER**

Company: John H. Junior Phone Number: \_\_\_\_\_  
 Address: \_\_\_\_\_ Truck # and License Plate: 55 AU953R  
 Driver: John H. A SW Haulers Permit #: \_\_\_\_\_  
 (Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: John H Date and Time: 12/13/22

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: John H Date and Time: 12/13/22

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 12 13 22

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:2999670

	Date	Time	Scale
In:	12/13/2022	11:38:29	CEC
Out:	12/13/2022	11:38:29	CEC

Manifest:2615946  
Vehicle:07JENCAR66  
Decal:

	Lbs.	Tns
Gross:	89,360	44.68
Tare:	28,680	14.34
Net:	60,680	30.34

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

**Material**

**Recyclable soil/rock/material**

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____<br>_____<br>_____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <b>M4778 Broadway Project LLC / 4778 Broadway Project</b> <b>4778 Broadway</b> <b>New York, NY 10034</b>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <b>516-821-2003</b>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG SYPULKOWSKI Title: Superintendent  
 Signature: [Signature] Date and Time: 12/13/2022 10:20 AM

**TRANSPORTER**

Company: JEN OR TRUCKING Phone Number: \_\_\_\_\_  
 Address: \_\_\_\_\_ Truck # and License Plate: 06 AX23C  
 Driver: MITCHEL SUZOR SW Haulers Permit #: \_\_\_\_\_  
 (Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 12-13-2022

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: \_\_\_\_\_

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 12 13 22

FACILITY

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:2999956

Date	Time	Scale
In:12/13/2022	13:46:18	CEC
Out:12/13/2022	13:46:18	CEC

Manifest:2615947  
Vehicle:07JENCAR55  
Decal:

	Lbs.	Tns
Gross:	94,800	47.40
Tare:	28,880	14.44
Net:	65,920	32.96

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

**Material**

**Recyclable soil/rock/material**

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608

FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____<br>_____<br>_____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Greg Stypulkowski Title: Superintendent  
 Signature: [Signature] Date and Time: 12/13/2022 12:30 PM

**TRANSPORTER**

Company: Jesco Phone Number: \_\_\_\_\_  
 Address: \_\_\_\_\_ Truck # and License Plate: 55 AU 953R  
 Driver: John H SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: John H Date and Time: 12-13-22

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: John H Date and Time: 12-13-22

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 12-13-22

FACILITY



Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3000002

Date	Time	Scale
In:12/13/2022	14:03:40	CEC
Out:12/13/2022	14:03:40	CEC

Manifest:2615948  
Vehicle:07JENCAR66  
Decal:

	Lbs.	Tns
Gross:	96,400	48.20
Tare:	28,680	14.34
Net:	67,720	33.86

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <b>M4778 Broadway Project LLC / 4778 Broadway Project 4778 Broadway New York, NY 10034</b>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <b>516-821-2003</b>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GRIG STYPUK 45KI Title: Superintendent  
 Signature: [Signature] Date and Time: 12/13/2022 1:00 PM

**TRANSPORTER**

Company: JEN CAR TRUCKING Phone Number: \_\_\_\_\_  
 Address: \_\_\_\_\_ Truck # and License Plate: GG AX723C  
 Driver: MILTON SUAREZ SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 12-13-2022

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 12-13-22

FACILITY

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:2999947

Date	Time	Scale
In:12/14/2022	08:08:41	CEC
Out:12/14/2022	08:08:41	CEC

Manifest:2615949  
Vehicle:07JENCAR55  
Decal:

	Lbs.	Tns
Gross:	85,380	42.69
Tare:	28,880	14.44
Net:	56,500	28.25

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

**Material**

**Recyclable soil/rock/material**

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909
- Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220
- Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633
- Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939
- Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520
- Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004
- Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700
- Other \_\_\_\_\_

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <b>M4778 Broadway Project LLC / 4778 Broadway Project 4778 Broadway New York, NY 10034</b>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <b>516-821-2003</b>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.  
I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: GREG STYPUCKOWSKI Title: Supervisor  
Signature: [Signature] Date and Time: 12/14/2022 4:00 AM

**TRANSPORTER**

Company: Jencor Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: SS AU 853R  
Driver: John H SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: John H Date and Time: 12-14-22

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: John H Date and Time: 12-14-22

I hereby certify that the above named material has been accepted at the above referenced facility

Authorized Signature: [Signature] Date and Time: 12 14 22

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3000438

Date	Time	Scale
In:12/14/2022	08:16:33	CEC
Out:12/14/2022	08:16:33	CEC

Manifest:2615950  
Vehicle:07JENCAR66  
Decal:

	Lbs.	Tns
Gross:	90,840	45.42
Tare:	28,680	14.34
Net:	62,160	31.08

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

**Material**

**Recyclable soil/rock/material**

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____<br>_____<br>_____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u> GENERATOR'S PHONE: <u>516-821-2003</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION <u>Non-hazardous Soil</u>	
GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected. I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations. Name: <u>GREG STYPUKOWSKI</u> Title: <u>Superintendent</u> Signature: <u>[Signature]</u> Date and Time: <u>12/14/2022 7:15 AM</u>	
TRANSPORTER Company: <u>JENCO TRUCKING</u> Phone Number: _____ Address: _____ Truck # and License Plate: <u>66 AX723C</u> Driver: <u>MILTON SUAREZ</u> SW Haulers Permit #: _____ (Type or Print Clearly) (applicable state permit#) I hereby certify that the above named material was picked up at the site listed above. Driver Signature: <u>[Signature]</u> Date and Time: <u>12-14-2022</u>	
DESTINATION I hereby certify that the above named material was delivered without incident to the facility noted above. Driver Signature: <u>[Signature]</u> Date and Time: _____ I hereby certify that the above named material has been accepted at the above referenced facility. Authorized Signature: <u>[Signature]</u> Date and Time: <u>12 14 22</u>	

FACILITY

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3000838

Date	Time	Scale
In:12/14/2022	11:01:00	CEC
Out:12/14/2022	11:01:00	CEC

Manifest:2615951  
Vehicle:07JENCAR55  
Decal:

	Lbs.	Tns
Gross:	90,660	45.33
Tare:	28,880	14.44
Net:	61,780	30.89

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

**Material**

**Recyclable soil/rock/material**

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608

FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards	
DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION <u>Non-hazardous Soil</u>	
GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected. I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations. Name: <u>CREE STYPUCKOWSKI</u> Title: <u>Supervisor</u> Signature: <u>[Signature]</u> Date and Time: <u>12/14/2022 8:45 AM</u>	
TRANSPORTER Company: <u>Joncar</u> Phone Number: _____ Address: _____ Truck # and License Plate: <u>55 AU883R</u> Driver: <u>John H</u> SW Haulers Permit #: _____ (Type or Print Clearly) (applicable state permit#)	
I hereby certify that the above named material was picked up at the site listed above. Driver Signature: <u>John H</u> Date and Time: <u>12-14-22</u>	
DESTINATION I hereby certify that the above named material was delivered without incident to the facility noted above. Driver Signature: <u>John H</u> Date and Time: <u>12-14-22</u> I hereby certify that the above named material has been accepted at the above referenced facility. Authorized Signature: <u>[Signature]</u> Date and Time: <u>12 14 22</u>	



Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3000925

Date	Time	Scale
In:12/14/2022	11:32:03	CEC
Out:12/14/2022	11:32:03	CEC

Manifest:2615952  
Vehicle:07JENCAR66  
Decal:

	Lbs.	Tns
Gross:	90,220	45.11
Tare:	28,680	14.34
Net:	61,540	30.77

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

## Material

### Recyclable soil/rock/material

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608

FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____<br>_____<br>_____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <b>M4778 Broadway Project LLC / 4778 Broadway Project</b> <b>4778 Broadway</b> <b>New York, NY 10034</b>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <b>516-821-2003</b>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: CREE STYPUKOWSKI Title: Superintendent  
 Signature: [Signature] Date and Time: 12/14/2022 10:00 AM

**TRANSPORTER**

Company: TENCAR TRUCKING Phone Number: \_\_\_\_\_  
 Address: \_\_\_\_\_ Truck # and License Plate: 66 AX723C  
 Driver: MILTOJ SUMER SW Haulers Permit #: \_\_\_\_\_  
 (Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 12-14-2022

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: \_\_\_\_\_

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 12 14 22

Comments:

Clean Earth of Carteret  
24 Middlesex Ave

Carteret, NJ 07008

Ph: Fax:

Manifest: 2615953.  
Vehicle: 07JENCAR69  
Decal:

Customer: All Suffolk Materials  
Generator: M4778 Broadway LLC  
Address: 4778 Broadway  
NEW YORK, NY 10034

Material: Recyclable soil/rock/material **TRANSPORTER**

Ticket: 3009442

Date Time Scale

In: 12/27/2022 10:26:36 Manual

Out: 12/27/2022 10:26:36 Manual

Lbs Tn

Gross: 86250.00 43.125

Tare: 25580.00 12.79

Net: 60670.00 30.335

Carrier:  
Profile #: 223074853  
Job: 4778 Broadway  
Address: 4778 Broadway  
NEW YORK, NY 10034

Facility: Clean Earth of Carteret

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <b>M4778 Broadway Project LLC / 4778 Broadway Project 4778 Broadway New York, NY 10034</b>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <b>516-821-2003</b>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

**Non-hazardous Soil**

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.  
I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Saverio Mirkic Title: SSM  
Signature: [Signature] Date and Time: 12/27/22 7:00 am

**TRANSPORTER**

Company: Jeneca Trucking Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: 69 AS450Y  
Driver: Francisco SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: F. Pineda Date and Time: 12-27-2022

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: F. Pineda Date and Time: \_\_\_\_\_  
I hereby certify that the above named material has been accepted at the above referenced facility.  
Authorized Signature: [Signature] Date and Time: 12-27-22

Driver:  
Comments:

Jermaine Busby

Clean Earth of Carteret  
24 Middlesex Ave

Carteret, NJ 07008

Ph: Fax:

Manifest: 2615954  
Vehicle: 07JENCAR55  
Decals:

Customer: All Suffolk Materials  
Generator: M4778 Broadway LLC  
Address: 4778 Broadway  
NEW YORK, NY 10034

Material: Recyclable soil/rock/material **TRANSPORTER**

Tickets: 3009444  
Date

Time

Scale

In: 12/27/2022 10:27:25 Manual

Out: 12/27/2022 10:27:25 Manual

Lbs

Tn

Gross: 84200.00 42.1  
Tare: 28880.00 14.44  
Net: 55320.00 27.66

Carrier:  
Profile #: 223074853  
Job: 4778 Broadway  
Address: 4778 Broadway  
NEW YORK, NY 10034

Facility: Clean Earth of Carteret

GLOBAL JOB NUMBER: 1011608

FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

Clean Earth of Carteret  
24 Middlesex Avenue  
Carteret, NJ 07008  
Ph: 732-541-8909

Clean Earth of Maryland  
1469 Oak Ridge Place  
Hagerstown, MD 21740  
Ph: 301-791-6220

Clean Earth of New Castle  
94 Pyles Lane  
New Castle, DE 19720  
Ph: 302-427-6633

Clean Earth of Greater Washington  
6250 Dower House Road  
Upper Marlboro, MD 20772  
Ph: 301-599-0939

Clean Earth of Philadelphia  
3201 S. 61st Street  
Philadelphia, PA 19153  
Ph: 215-724-5520

Clean Earth of North Jersey  
115 Jacobus Avenue  
Kearny, NJ 07032  
Ph: 973-344-4004

Clean Earth of Southeast Pennsylvania  
7 Steel Road East  
Morrisville, PA 19067  
Ph: 215-428-1700

Other \_\_\_\_\_

## Non-Hazardous Material Manifest

Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Shawny Mishra Title: SSM  
Signature: [Signature] Date and Time: 12/27/22 7:20 am

**TRANSPORTER**

Company: \_\_\_\_\_ Phone Number: \_\_\_\_\_  
Address: [Signature] Truck # and License Plate: \_\_\_\_\_  
Driver: [Signature] SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: \_\_\_\_\_

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: [Signature] Date and Time: \_\_\_\_\_

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 12.27.22

Clean Earth of Carteret  
24 Middlesex Ave

Carteret, NJ 07008

Print Fax:

Manifest #: 2615905

Vehicle #: 07JENCAK73

Detail:

Customer: Granerco Group

Generator: NJ Dept. of Environmental Protection

Address: 99-17 Junction Blvd.

Edmunds, NJ 11375

Ticket: 3909218

Date

Time

Scale

In: 12/27/2022 08:32:57

Manual

Out: 12/27/2022 08:32:57

Manual

Lbs

In

Gross: 75200.00

37.6

Tare: 27980.00

13.99

Net: 47220.00

23.61

Carrier:

Profile #: 223075172

Job: NY DEP, Demos to Pier-6/Janit

Address: 242 Nevins St

Edmunds, NJ 11375

Materials: Recyclable soil/rock/material

Facility: Clean Earth of Carteret

Jesus Serrano

Driver:

Comments:

TRANSPORTER

GLOBAL JOB NUMBER: 1011608

FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: AD12050 Title: \_\_\_\_\_  
Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_

**TRANSPORTER**

Company: General Trucking S.L Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: AX 9140 # 23  
Driver: Leo Sepulveda SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: \_\_\_\_\_ Date and Time: 12-27-22 7:45

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: 12-27-22

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: \_\_\_\_\_ Date and Time: 12 27 22



Clean Earth of Carteret  
24 Middlesex Ave.

Ticket# 3009785

Carteret, NJ 07006

Date	Time	Scale
In: 12/27/2022	13:24:47	Manual

Pls Fax:

Out: 12/27/2022	13:24:47	Manual
-----------------	----------	--------

Manifest: 2009781  
Vehicle: 07JENCAK73  
Decals:

	Lbs	In
Gross:	93520.00	47.76
Fares:	27980.00	13.99
Nett:	67940.00	33.77

Customer: A11 Suffolk Materials  
Generator: 4778 Broadway LLC  
Address: 4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #: 223074853  
Job: 4778 Broadway  
Address: 4778 Broadway  
NEW YORK, NY 10034

Material: Recyclable soil/rock/material

Facility: Clean Earth of Carteret  
Jesus Serrano

Driver:  
Comments:

**TRANSPORTER**

GLOBAL JOB NUMBER: 1011608

FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |   |  |  |   |
|---|--|--|---|
| <input type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909         | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520 | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: Angel Gonzalez Title: Site Manager  
Signature: [Signature] Date and Time: 12/27/22

**TRANSPORTER**

Company: Jencar 73 Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: AX 914D  
Driver: Leo Sepulveda SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: [Signature] Date and Time: 12-27-22

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: 12-27-22

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: [Signature] Date and Time: 12 27 22

Clean Earth of Carteret  
24 Middlesex Ave

Ticket#: 3009793

Date Time Scale

Carteret, NJ 07008

In: 12/27/2022 13:29:01 CEC

Ph#: Fax#

Out: 12/27/2022 13:29:01 CEC

Plantest: 2684992  
Vehicle: 07JENCAR55  
Decal#

Lbs In  
Gross: 83220.00 41.61  
Tare: 26830.00 14.44  
Net: 56390.00 27.17

Customer: All Suffolk Materials  
Generator: 4778 Broadway LLC  
Address: 4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #: 223074853  
Jobs: 4778 Broadway  
Address: 4778 Broadway  
NEW YORK, NY 10034

Material: Recyclable soil/rock/material

Facility: Clean Earth of Carteret  
Jesus Serrano

Driver:  
Comments

TRANSPORTER

GLOBAL JOB NUMBER: 1011608

FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |   |  |  |   |
|---|--|--|---|
| <input type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909         | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520 | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: \_\_\_\_\_ Title: \_\_\_\_\_  
Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_

**TRANSPORTER**

Company: SANCAO YOUNGINS Phone Number: \_\_\_\_\_  
Address: 10 ALEXANDER DR Truck # and License Plate: A0853R  
Driver: Serge MARCHALIN SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: \_\_\_\_\_ Date and Time: 12/27/97

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: \_\_\_\_\_ Date and Time: \_\_\_\_\_

Clean Earth of Carteret  
47 Middlesex Ave

Ticket: 3009744

Date Time Scale

Carteret, NJ 07008

In: 12/27/2022 13:04:52 Manual

Phil Faxit

Out: 12/27/2022 13:04:52 Manual

Plant feet: 2684993

Lbs In  
Gross: 88200.00 44.1

Vehicles: 070ENCAR69

Tare: 25580.00 12.79

Decals:

Net: 62620.00 31.31

Customer: ALL Suffolk Materials

Carrier:

generator: 4778 Broadway LLC

Profile #: 223074853

Address: 4778 Broadway

Jobs: 4778 Broadway

New York, NY 10034

Address: 4778 Broadway

New York, NY 10034

Material: Recyclable soil/rock/material

Facility: Clean Earth of Carteret

Driver:

Jesus Serrano

Comments:

TRANSPORTER

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |   |  |  |   |
|---|--|--|---|
| <input type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909         | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520 | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____<br>_____<br>_____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
	NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards

**DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION**

Non-hazardous Soil

**GENERATOR'S CERTIFICATION** - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected.

I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations.

Name: \_\_\_\_\_ Title: \_\_\_\_\_  
Signature: \_\_\_\_\_ Date and Time: 12/27/2022 11:40 AM

**TRANSPORTER**

Company: Jenexal Phone Number: \_\_\_\_\_  
Address: \_\_\_\_\_ Truck # and License Plate: 69 A54507  
Driver: Francisco SW Haulers Permit #: \_\_\_\_\_  
(Type or Print Clearly) (applicable state permit#)

I hereby certify that the above named material was picked up at the site listed above.

Driver Signature: F. Pineda Date and Time: 12-27-2022

**DESTINATION**

I hereby certify that the above named material was delivered without incident to the facility noted above.

Driver Signature: F. Pineda Date and Time: 12-27-2022

I hereby certify that the above named material has been accepted at the above referenced facility.

Authorized Signature: KU Date and Time: 12-27-22

TRANSPORTER

Clean Earth of Carteret  
24 Middlesex Ave  
Carteret, NJ 07008  
Ph: Fax:

Ticket:3090623

Date	Time	Scale
In:03/31/2023	15:16:56	CEC
Out:03/31/2023	15:16:56	CEC

	Lbs.	Tns
Manifest:2684761	Gross: 68,620	34.31
Vehicle:07card132	Tare: 37,460	18.73
Decal:	Net: 31,160	15.58

Customer:All Suffolk Materials  
Generator:M4778 Broadway LLC  
Address:4778 Broadway  
NEW YORK, NY 10034

Carrier:  
Profile #:223074853  
Job:4778 Broadway  
Address:4778 Broadway  
NEW YORK, NY 10034

**Material**

**Recyclable soil/rock/material**

Comment:

Driver

Facility Clean Earth of Carteret  
Jesus Serrano

GLOBAL JOB NUMBER: 1011608 FACILITY APPROVAL NUMBER: 223074853

**Please Check One:**

- |  |  |  |   |
|--|--|--|---|
| <input checked="" type="checkbox"/> Clean Earth of Carteret<br>24 Middlesex Avenue<br>Carteret, NJ 07008<br>Ph: 732-541-8909 | <input type="checkbox"/> Clean Earth of Maryland<br>1469 Oak Ridge Place<br>Hagerstown, MD 21740<br>Ph: 301-791-6220 | <input type="checkbox"/> Clean Earth of New Castle<br>94 Pyles Lane<br>New Castle, DE 19720<br>Ph: 302-427-6633                  | <input type="checkbox"/> Clean Earth of Greater Washington<br>6250 Dower House Road<br>Upper Marlboro, MD 20772<br>Ph: 301-599-0939 |
| <input type="checkbox"/> Clean Earth of Philadelphia<br>3201 S. 61st Street<br>Philadelphia, PA 19153<br>Ph: 215-724-5520    | <input type="checkbox"/> Clean Earth of North Jersey<br>115 Jacobus Avenue<br>Kearny, NJ 07032<br>Ph: 973-344-4004   | <input type="checkbox"/> Clean Earth of Southeast Pennsylvania<br>7 Steel Road East<br>Morrisville, PA 19067<br>Ph: 215-428-1700 | <input type="checkbox"/> Other _____  |

## Non-Hazardous Material Manifest

(Type or Print Clearly)

GENERATOR'S NAME & SITE ADDRESS: <u>M4778 Broadway Project LLC / 4778 Broadway Project</u> <u>4778 Broadway</u> <u>New York, NY 10034</u>	GROSS WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards TARE WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards NET WEIGHT: <input type="checkbox"/> Tons <input type="checkbox"/> Yards
GENERATOR'S PHONE: <u>516-821-2003</u>	
DESCRIPTION OF MATERIAL/SAMPLE ID AND LOCATION <u>Non-hazardous Soil</u>	
GENERATOR'S CERTIFICATION - Incomplete and/or unsigned manifests will cause the load to be delayed and/or rejected. I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260.10 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been fully and accurately described above, classified, packaged and is in proper condition for transportation according to all applicable state and federal regulations. Name: <u>GREG STYPUKOWSKI</u> Title: <u>Supervisor</u> Signature: <u>[Signature]</u> Date and Time: <u>3/31/23</u>	
TRANSPORTER Company: <u>Cavdella</u> Phone Number: _____ Address: <u>2400 Tonelle Ave North Bergen</u> Truck # and License Plate: <u>132 AX9942</u> Driver: <u>Eric Gonzalez</u> SW Haulers Permit #: <u>1191</u> (Type or Print Clearly) (applicable state permit#) I hereby certify that the above named material was picked up at the site listed above. Driver Signature: <u>[Signature]</u> Date and Time: <u>3-31-23</u>	
DESTINATION I hereby certify that the above named material was delivered without incident to the facility noted above. Driver Signature: <u>[Signature]</u> Date and Time: <u>3-31-23</u> I hereby certify that the above named material has been accepted at the above referenced facility. Authorized Signature: <u>[Signature]</u> Date and Time: <u>3-31-23</u>	

FACILITY



# **Appendix I**

## **Groundwater Treatment Information and Permitting**





**Environmental  
Protection**

September 7, 2022

Ariel Czemerinski, P.E.  
AMC Engineering, PLLC  
18-36 42<sup>nd</sup> Street  
Astoria, NY 11105

**Rohit Aggarwala**  
Commissioner &  
NYC Chief Climate Officer

**Re: Dewatering at 4778 Broadway  
Block # 2233, Lot # 10, SCM # 19883  
Borough of Manhattan**

**Anastasios Georgelis, P.E.**  
Deputy Commissioner  
Bureau of Water & Sewer  
Operations

59-17 Junction Blvd.  
Flushing, NY 11373

Tel. (718) 595-7668  
Fax (718) 595-5342  
TasosG@dep.nyc.gov

Dear Mr. Czemerinski:

We are in receipt of your dewatering submittal dated September 7, 2022, requesting permission to temporarily discharge up to 48,960 gallons per day (gpd) of groundwater continuously for a period of one year, during construction, through a proposed 8" diameter (dia.) connection to the 15" dia. combined sewer (as per the SCM # 19883) in Broadway between Dyckman Street & Academy Street in the Borough of Manhattan.

Based upon the information, schematic and analytical data submitted, you are hereby authorized to obtain DEP permits to temporarily discharge during the construction up to 48,960 gallons per day (gpd) of ground water, at the rate not to exceed 0.076 cubic feet per second (cfs) for a period of one year as specified in your submission, during dry weather only, to the combined sewer at the above referenced location. The Industrial Recourse Management & Permitting Section has given the approval (22-C-7821-1) for this dewatering discharge by a letter dated August 23, 2022.

The discharger shall indemnify and hold the City harmless for any damage or liability incurred by the City due to the dewatering and if the discharge results in overloading the capacity of the discharge sewer. See copy of the Special Indemnity Agreement, to be signed and filed with the discharge permit application. The Special Indemnity Agreement is not required when the City is the owner of the property.

Please note that no dewatering permit will be issued until the application for a sewer connection is approved by the Manhattan Water & Sewer Record Office. and the payment is made to the Bureau of Customer Service for groundwater discharge into the New York City Wastewater System in accordance with the Water and Wastewater Rate Schedule established by the New York City Water Board.

If you have any further questions concerning this matter, please contact:  
Mrs. Agata Obrusnik at (718) 595-5430.

Very truly yours,

Bolbol Mikheil, P.E., Deputy Chief  
Of Permitting



August 23, 2022

M4778 Broadway LLC  
15 Verbena Avenue, STE 200  
Floral Park, NY 11001  
**Attn: Eli Weiss**

**Rohit T. Aggarwala**  
*Commissioner*

**Re: Groundwater Discharge, 4778 Broadway, Manhattan, Letter of Approval No. 22-C-7821-1**

**Angela M. De Lillo, P.E.**  
*Acting Deputy Commissioner*  
*Bureau of Wastewater Treatment*

Dear Eli Weiss:

96-05 Horace Harding  
Expressway – 2<sup>nd</sup> Floor  
Corona, NY 11368

This is in response to the August 17, 19, and 22, 2022 submissions requesting permission to discharge up to **48,960 gallons per day (gpd)** of groundwater generated during the construction of a new 8-story building located at 4778 Broadway, New York, NY 10034 (New York State Department of Environmental Conservation Brownfield Cleanup Program Site Code C231131). The groundwater will be treated through one 1,035 gallon oil/water separator, one 8,400 gallon settling tank, one duplex bag filter system, and two 2,000 lb carbon units, per provided schematic and information, before discharging to a new sewer connection. The sewer connection leads to the existing 15” combined sewer located under Broadway between Dyckman and Academy Streets in New York, NY.

Based upon the information, schematic and analytical data submitted, the property owner M4778 Broadway LLC and agents of the property owner who are authorized to act on the property owner’s behalf in this matter (hereinafter referred to as “the owner and its authorized agents”) are hereby conditionally authorized, to discharge up to 48,960 gpd of the groundwater, treated through the above system, per provided schematic and information, as specified in your submissions, **for a period of one year**, to the combined sewer at the above mentioned location. **This Letter of Approval shall expire at midnight on August 22, 2023.**

**The owner and its authorized agents are prohibited from discharging any groundwater during wet weather events.**

This conditional approval, however, is subject to your obtaining a groundwater discharge Approval, specifying allowable flow rates, from the Chief of Permitting and Compliance, Bureau of Water and Sewer Operations. The owner and its authorized agents are required to follow manufacturer specifications for the operation and maintenance of the selected equipment. **This Letter of Approval is contingent upon compliance on the part of the owner and its authorized agents with any federal, state, or local requirements applicable to the permitted activity.**

**Under no circumstances shall muddy groundwater be discharged into the public sewer.**

Payment shall be made to and permit obtained from the Bureau of Customer Service for groundwater discharge into the New York City Wastewater System in accordance with the Water and Wastewater Rate Schedule established by the New York City Water Board.

The owner or its authorized agents must notify this section in writing prior to the commencement of discharge. Please refer to file No. C-7821 in any correspondence to this office.

**The owner or its authorized agents must collect samples of the groundwater after the pretreatment system *in each quarter of the calendar year*. The samples must be analyzed for the parameter(s) included in the attached chart by a New York State Department of Health certified laboratory. The results must be submitted to this office within 21 days after each sampling date. If the sampling results, or any other sampling results, exceed the DEP limits, the discharge must cease and the Bureau of Wastewater Treatment must be notified immediately by phone at (718) 595-4715 and by email at [shulbert@dep.nyc.gov](mailto:shulbert@dep.nyc.gov).**

**The owner and its authorized agents are prohibited from discharging any groundwater that exceeds the attached discharge limit(s), as well as those contained in Title 15 Rules of the City of New York Chapter 19.**

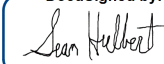
**The owner or its authorized agents must install a flow meter to measure the flow of groundwater to the combined sewer.**

**The owner or its authorized agents must maintain a logbook of the groundwater discharge flow meter for each day of discharge. The logbook must include at a minimum: the date, time, flow meter reading (units in either cubic feet or gallons), difference from previous day's reading (units in either cubic feet or gallons), and employee's signature or initials. The logbook must be available to DEP personnel for review upon request.**

This Letter of Approval is an Order of the Commissioner of the Department of Environmental Protection, and applies to the owner and its authorized agents. Please be advised that failure to comply with this Letter of Approval by the owner and its authorized agents may result in the issuance of summonses to either the owner or its authorized agents, or both (returnable to the New York City Office of Administrative Trials and Hearings) and/or revocation of the Letter of Approval. Summonses carry penalties of up to \$10,000 a day, per violation.

If you have any questions concerning this matter, please contact me at (718) 595-4715.

Sincerely,

DocuSigned by:  
  
F0FA5DB140EA4BB...

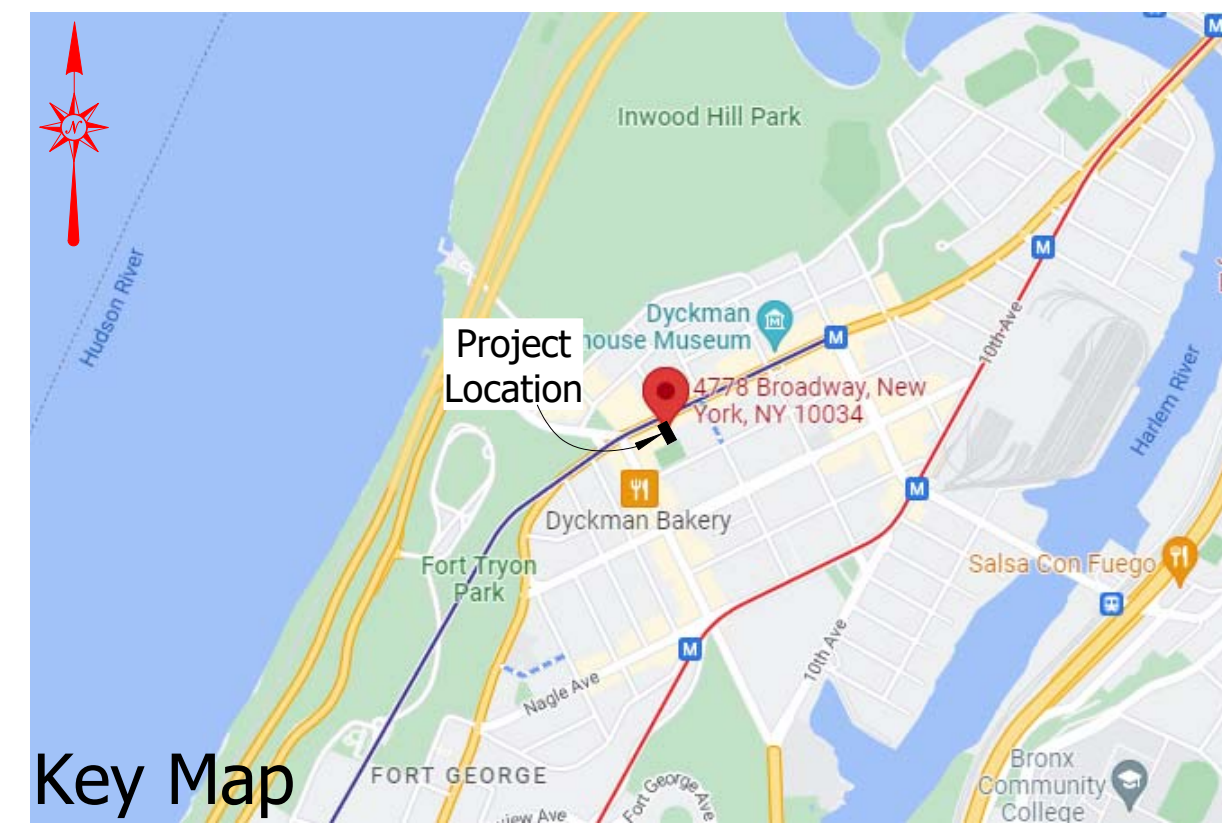
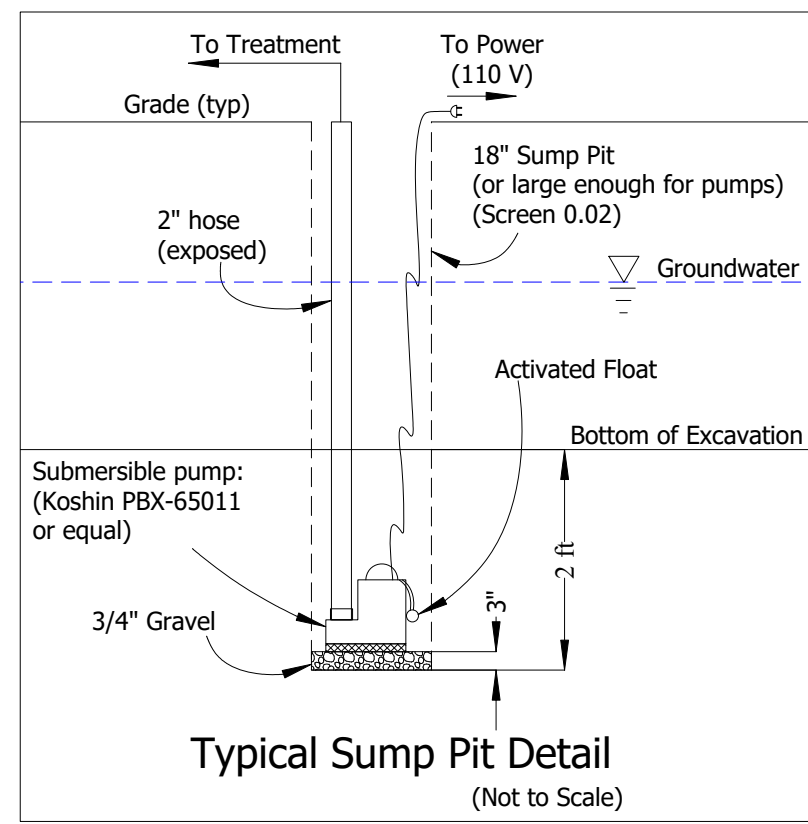
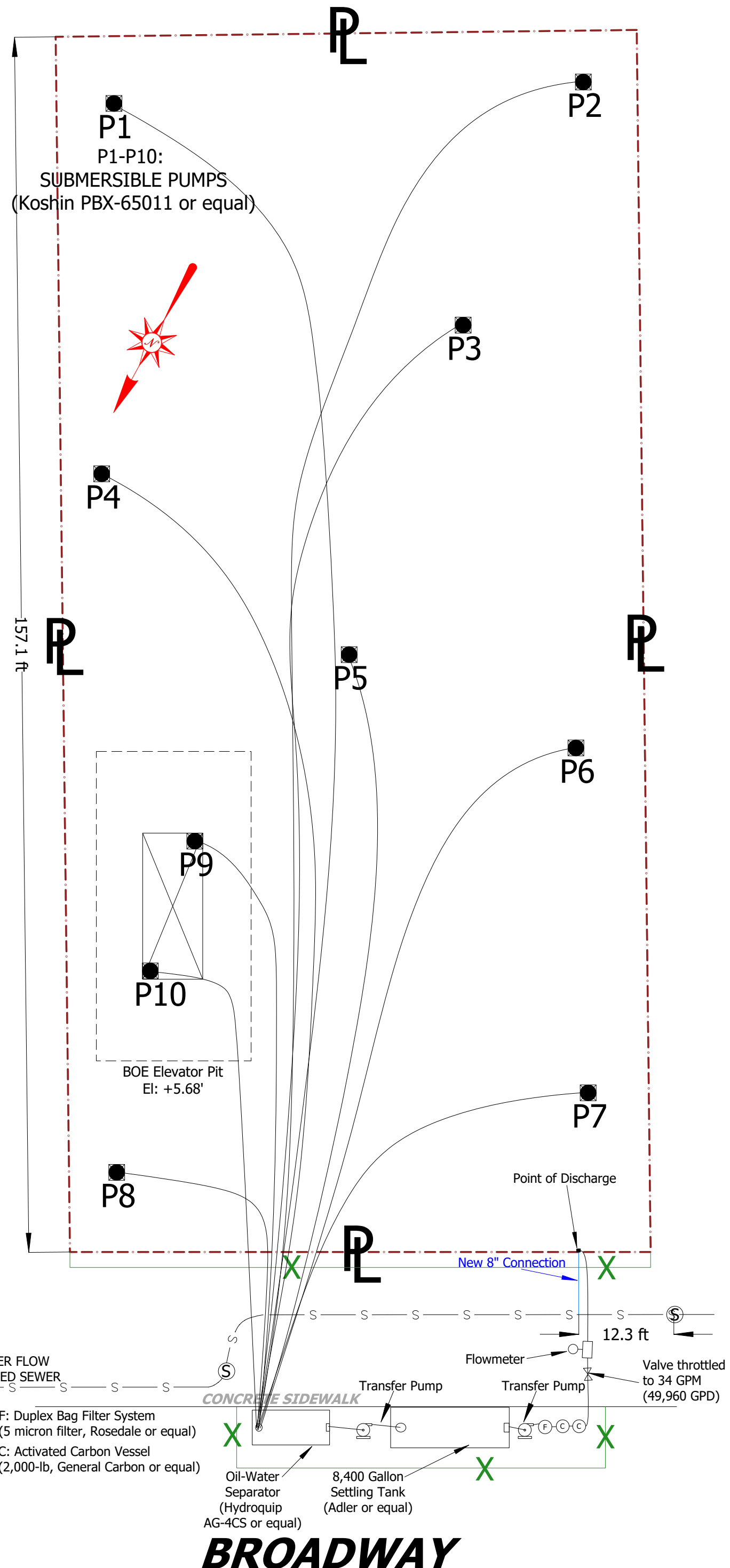
Sean H. Hulbert, P.E., Acting  
Chief, Industrial Resource  
Management and Permitting  
Section

enc: Sampling Requirements and Limitations

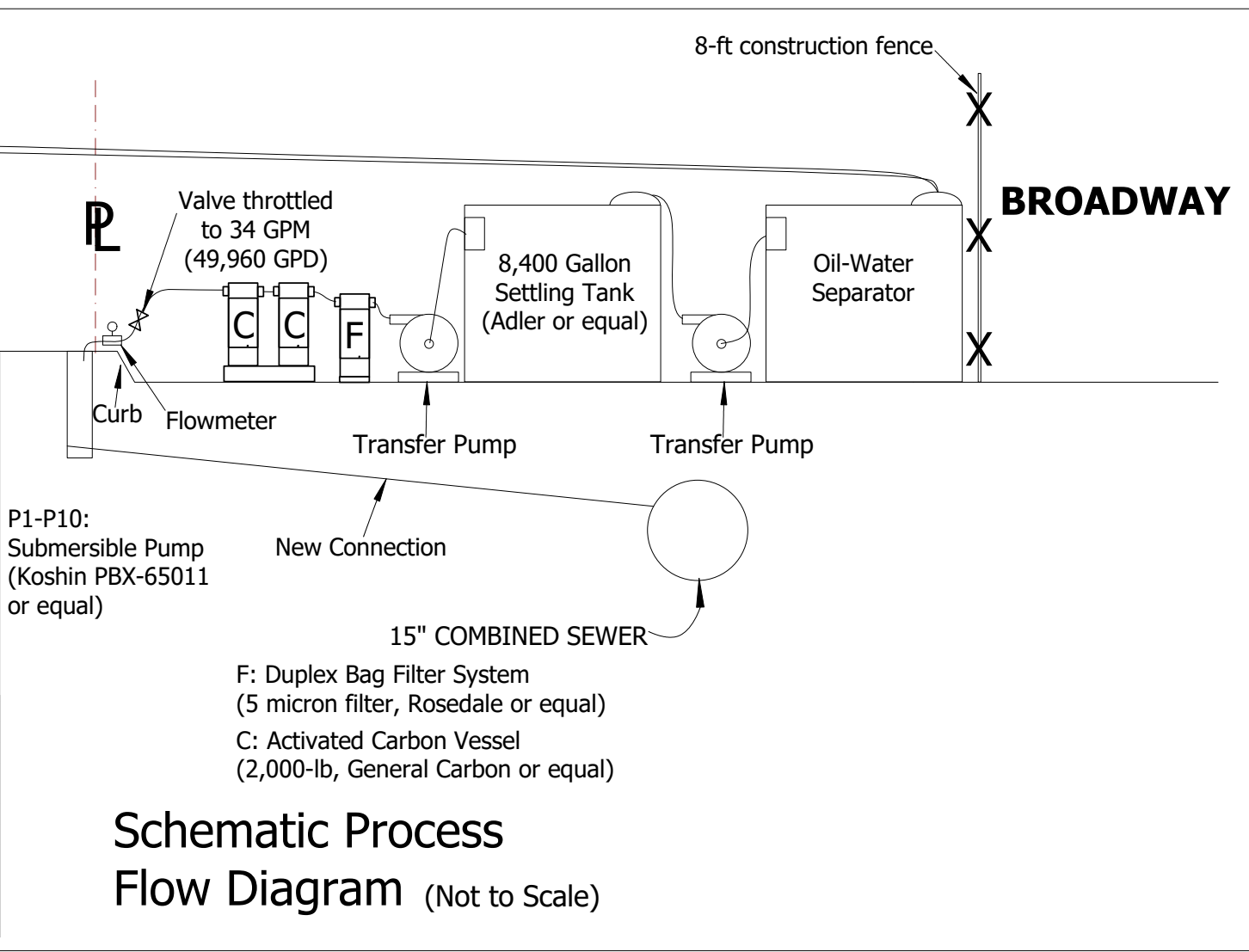
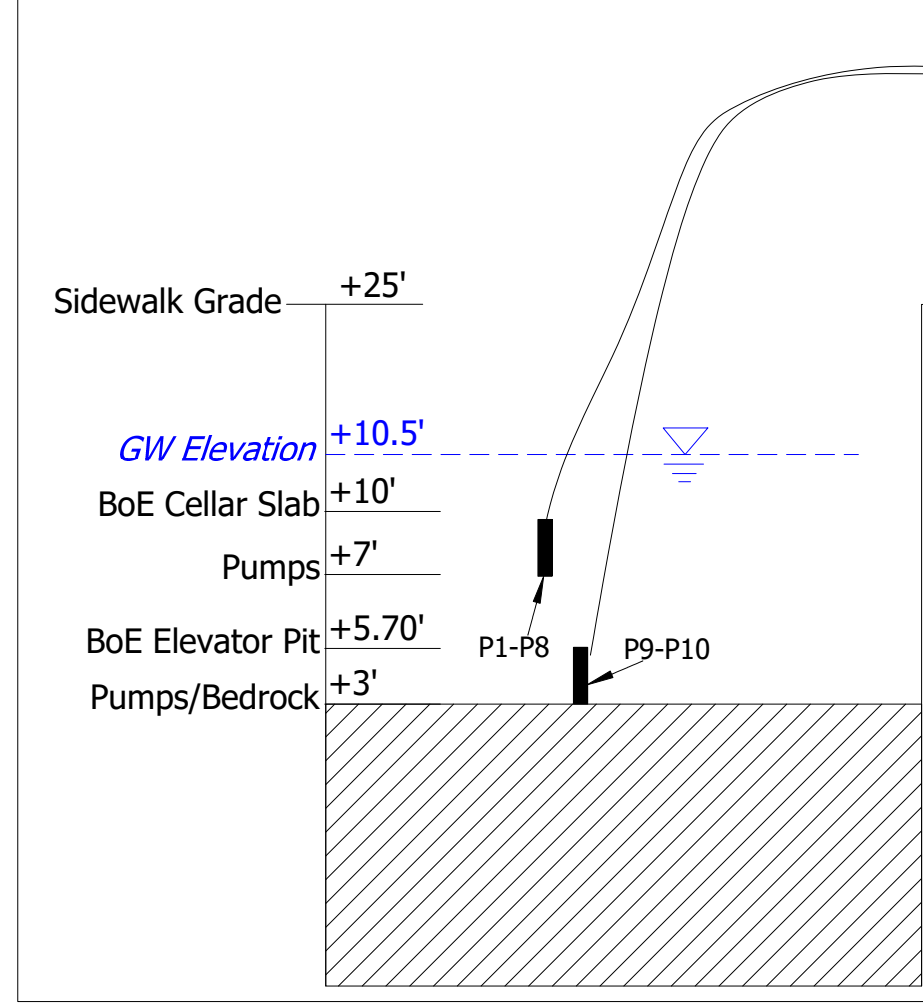
SAMPLING REQUIREMENTS AND LIMITATIONS

Parameter <sup>1</sup>	Daily Limit	Units	Sample Type	Monthly Limit
Non-polar material <sup>2</sup>	50	mg/l	Instantaneous	---
pH	5-12	SU's	Instantaneous	---
Temperature	< 150	Degree F	Instantaneous	---
Flash Point	> 140	Degree F	Instantaneous	---
Cadmium	2 0.69	mg/l mg/l	Instantaneous Composite	---
Chromium (VI)	5	mg/l	Instantaneous	---
Copper	5	mg/l	Instantaneous	---
Lead	2	mg/l	Instantaneous	---
Mercury	0.05	mg/l	Instantaneous	---
Nickel	3	mg/l	Instantaneous	---
Zinc	5	mg/l	Instantaneous	---
Benzene	134	ppb	Instantaneous	57
Carbontetrachloride	---	---	Composite	---
Chloroform	---	---	Composite	---
1,4 Dichlorobenzene	---	---	Composite	---
Ethylbenzene	380	ppb	Instantaneous	142
MTBE (Methyl-Tert-Butyl-Ether)	50	ppb	Instantaneous	---
Naphthalene	47	ppb	Composite	19
Phenol	---	---	Composite	---
Tetrachloroethylene (Perc)	20	ppb	Instantaneous	---
Toluene	74	ppb	Instantaneous	28
1,2,4 Trichlorobenzene	---	---	Composite	---
1,1,1 Trichloroethane	---	---	Composite	---
Xylenes (Total)	74	ppb	Instantaneous	28
PCB's (Total) <sup>3</sup>	1	ppb	Composite	---
Total Suspended Solids (TSS)	350	mg/l	Instantaneous	---
CBOD	---	---	Composite	---
Chloride	---	---	Instantaneous	---
Total Nitrogen <sup>4</sup>	---	---	Composite	---
Total Solids	---	---	Instantaneous	---
Other				

- 1 All handling and preservation of collected samples and laboratory analyses of samples shall be performed in accordance with 40 C.F.R. pt. 136. If 40 C.F.R. pt. 136 does not cover the pollutant in question, the handling, preservation, and analysis must be performed in accordance with the latest edition of "Standard Methods for the Examination of Water and Wastewater." All analyses shall be performed using a detection level less than the lowest applicable regulatory discharge limit. If a parameter does not have a limit, then the detection level is defined as the method detection limit (MDL) and limit of quantitation (LOQ) required by the analytical method that is used to analyze the parameter. If the method does not contain an MDL or LOQ, the lab must use an approved method that does contain an MDL or LOQ. If none of the approved methods contain an MDL or LOQ for that parameter then the lab must develop its own LOQ, and report it with the analytical results.
- 2 Non-Polar Material shall mean that portion of the oil and grease that is not eliminated from a solution containing N-Hexane, or any other extraction solvent the EPA shall prescribe, by silica gel absorption.
- 3 Analysis for PCB's must be done by EPA method 608 with MDL=<65 ppt. PCB's (total) is the sum of PCB-1242 (Aroclor 1242), PCB-1254 (Aroclor 1254), PCB-1221 (Aroclor 1221), PCB-1232 (Aroclor 1232), PCB-1248 (Aroclor 1248), PCB-1260 (Aroclor 1260) and PCB-1016 (Aroclor 1016).
- 4 Total Nitrogen = Total Kjeldahl Nitrogen (TKN) + Nitrite (NO<sub>2</sub>) + Nitrate (NO<sub>3</sub>).



### Elevations



**Plan Notes:**  
 Contractor to obtain permits from NYC DOT to:  
 1) close off sidewalk and street for treatment  
 2) place treatment on sidewalk and street  
 3) place construction fence on street and sidewalk

**LEGEND**

- SUBMERSIBLE PUMPS (Koshin PBX-65011 or equal)
- S— EXISTING COMBINED SEWER
- ⊙ MANHOLE
- X— 8 FT CONSTRUCTION FENCE

**NOTES TO GC:**

- ENSURE THAT ALL UTILITIES ARE MARKED OUT AND SITE IS SAFE FOR EXCAVATION. FOLLOW ALL CITY, STATE AND FEDERAL REGULATIONS WHEN WORKING AT THIS SITE.
- PROVIDE PROOF OF UTILITY MARK OUT TO ENGINEER ON RECORD.
- OBTAIN APPROVAL FROM OWNER OR STRUCTURAL ENGINEER THAT LOCATION OF TREATMENT SYSTEM IS ADEQUATELY SUPPORTED. DO NOT PLACE TREATMENT EQUIPMENT UNTIL INDICATED SO BY STRUCTURAL ENGINEER.
- A DEWATERING PERMIT WILL BE OBTAINED FROM NYCDEP. DO NOT COMMENCE DISCHARGE UNTIL SUCH PERMIT IS SECURED.
- ALL CONDITIONS MUST BE VIF. ANY DISCREPANCIES MUST BE BROUGHT UP TO THE ATTENTION OF THE DEWATERING CONTRACTOR AND ENGINEER.
- SINCE DISCHARGE EXCEEDS 10,000 GPD, DISCHARGE MUST OCCUR THROUGH A CONNECTION. OBTAIN SUCH APPROVAL FROM THE BWSO.
- Excavation / construction activities occur within 200 ft of a rail line (MTA), then plans must be filed with respective MTA agency to obtain letter of no exception.
- Site information and elevations obtained from plans by permission from owner.
- This plan was prepared using existing data to date. This design may require alterations based on future investigations and/or new information that was previously unknown.

**Important Note:** Dewatering system may affect subsurface conditions on adjacent properties, and must be continuously monitored.

Precautions will be needed to limit the risk of cracks, heave or settlement of adjacent structures.

**DEWATERING NOTES:**

- Obtain approval from structural engineer to position treatment where indicated.
- Groundwater was found at El: +10.5'.
- 3a. Bottom of excavation for the new cellar slab is El: +10'.
- 3b. Bottom of excavation for the new elevator pit is El: +5.7'.
- Dewatering will occur through a wellpoint system consisting of submersible pumps (Koshin PBX-65011 or equivalent) in sump pits will be used for dewatering the elevator pits and shallow excavation areas. Ten (10) pumps are expected for onsite dewatering, but additional pumps to be used as needed.
- Monitor movement of adjacent structures: Vibration settling and optical monitoring (by others). Coordinate these activities with others (if needed).
- Using pumps will require a continuous power supply, and back up generators to ensure continuous operation.
- Discharge will be prohibited during wet weather.

**ENGINEERING NOTES:**

- Treatment consists of one (1) settling tank, one (1) filter unit fitted with 5-micron filter bags, and two (2) 2,000-lb activated carbon vessels (see plan for details).
- Treatment to be located on grade as indicated.
- Pumps and wellpoints to be installed as shown on the plan.
- The effluent leaves the treatment and discharges into a newly proposed connection, which connects to the existing 15" combined sewer on Broadway.
- Exposed hoses can be manifolded into a main PVC header provided that each connection is fitted with a check valve and an adjustable flow valve.

Disclaimer: This plan has been prepared for the purpose of obtaining a dewatering permit from the licensing agency. This plan (and supplemental documents) have been prepared based on the information provided to others and through reasonable engineering assumptions. The recommendations expressed in this plan are not an opinion concerning the condition of any soil or structure or the safety of any excavation, or the compliance of any work with any applicable laws, rules, regulations, or codes. The project construction manager and owner shall be responsible for the safety of any excavation, and the project construction manager and owner shall be responsible for the safety of any excavation, and the project construction manager and owner shall be responsible for the safety of any excavation.

Property Owner:  
 4778 Broadway LLC  
 40 Fulton St, 22nd Fl  
 New York, NY 10038

**AMC ENGINEERING PLLC**  
 18-36 42nd Street  
 Astoria, NY 11105  
 718-545-0474

**PROJECT**  
 4778 Broadway  
 Manhattan, NY 10034  
 Block: 2233 Lots: 10

**TITLE:**  
 Proposed Dewatering Plan

SEAL & SIGNATURE: [Professional Engineer Seal]  
 DATE: AUG 22, 2022  
 PROJECT NO:  
 DRAWING BY: JY  
 CHK BY:  
 DWG No: DW-1.00

# SITE PLAN

**Special Indemnity Agreement  
For Temporary Groundwater Discharge in the New York City Sewer System**

[Date] 6/29/2022

New York City Department of Environmental Protection  
59-17 Junction Boulevard  
Flushing, NY 11373  
Attn: Commissioner

Location: \_\_\_\_\_  
4778 Broadway  
New York, NY 10034  
\_\_\_\_\_

Re: Dewatering Permit

Dear Commissioner:

M4778 Broadway LLC (the "Property Owner") hereby agrees to indemnify, defend, and hold harmless, to the fullest extent permitted by law, the City of New York (the "City"), including its officials, employees, contractors, consultants, and representatives, from and against any and all claims, suits, actions, proceedings, losses, and costs and expenses of whatever kind (including but not limited to payment or reimbursement of attorneys' fees and disbursements) allegedly arising out of or in any way related to 1) the construction, maintenance, operation, or use of any direct or indirect connection to the City sewer system for the purpose of dewatering; 2) the temporary discharge (direct or indirect) to the City sewer system for the purpose of dewatering; or 3) any side effects from the lowering of the water table such as, but not limited to, impact of drawdown on the perimeter of the site, salt water intrusion, movement of contaminated groundwater, backflow due to surcharge of outlet sewer, and effect on any wetlands.



Sincerely,

A handwritten signature in blue ink, appearing to read "Eli Weiss".

[Property Owner's Signature]

Printed Name Eli Weiss

Address 40 Fulton St, 22nd Fl

New York, NY 10038

To Be Notarized

June 30<sup>th</sup> 2022

A handwritten signature in black ink, appearing to read "Karen Rivera".

Karen Rivera



Rev. May 13, 2021



## **Appendix J**

### **Data Usability Summary Reports**



June 18, 2024

Mr. David Grupp  
AEI Consultants  
20 Gibson Place  
Freehold, New Jersey 07728

Re: Data Usability Summary Report – Alpha Analytical

Dear Mr. Grupp:

The evaluation of analytical data prepared by Alpha Analytical for the water samples collected from the 4778 Broadway site, which were reported under Job Nos. L2326096 and L2375982 has been completed. In accordance with the Remedial Action Workplan (RAWP), data validation was performed on five percent (5%) of the sample data, or on one sample from each sample delivery group (SDG), whichever is greater. The Stage 2B validation was performed on one sample (**bolded** below) from each SDG.

L2326096

FIELD BLANK	TRIP BLANK
MW-4	MW-2
MW-3	MW-6
MW-5	<b>MW-1</b>

L2375982

MW-1	MW-2
MW-3	<b>MW-4</b>
MW-5	MW-6
FIELD BLANK	TRIP BLANK

Analyses were performed in accordance with SW846 8260D (Volatile Organics), 8270E (Semi-volatile Organics) and 9038 (Sulfate). The review was performed, to the extent possible, in accordance with the analytical methods and “DER-10/Technical Guidance for Site Investigation and Remediation”. Professional judgment is applied as necessary and appropriate. Qualifiers consistent with those defined by EPA Region 2 are applied as necessary and appropriate.

Below is the Data Usability Summary Report (DUSR) associated with these samples.

Data Usability Summary Report	
1. Is the data package complete as defined under the requirements for the most current DEC ASP Category B or USEPA CLP data deliverables?	Yes
2. Have all holding times been met?	Yes

3. Do all the QC data; blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls and sample data fall within the protocol required limits and specifications?	No – See Following Sections
4. Have all of the data been generated using established and agreed upon analytical protocols?	Yes
5. Does an evaluation of the raw data confirm the results provided in the data summary sheet and the quality control verification forms?	Yes
6. Have the correct data qualifiers been used and are they consistent with the most current DEC ASP?	Yes
7. Have any quality control (QC) exceedances been specifically noted in the DUSR and have the corresponding QC summary sheet from the data package been attached to the DUSR?	Yes

Based on the data review effort, results are usable, with the following qualifications. For samples that are qualified as estimated (J-, UJ), detected results may be biased low. False negatives may exist in non-detect results. Sample results that are qualified as estimated (J+) may be biased high. For samples that are qualified as estimated with any combination of (J), (J-) and/or (J+), the (J) qualifier takes precedence and is applied to the sample result. It is not possible to determine the direction of the bias and the overall effect on the result.

#### Volatile Organics:

- The following results are qualified as estimated (UJ) due to low response in the continuing calibration verification (CCV) standard.
  - Bromomethane, acetone, acrylonitrile, 2-butanone, trichloroethene, 1,4-dioxane, 4-methyl-2-pentanone, chlorodibromomethane, 2-hexanone, bromoform, trans-1,4-dichloro-2-butene and naphthalene in MW-1.
  - Bromomethane 1,4-dioxane in MW-4.
- The following sample results are qualified as estimated (UJ) due to low recoveries in the laboratory control sample (LSC) and/or LCS duplicate (LCSD).
  - Bromomethane and acrylonitrile in MW-1.
  - Bromomethane in MW-4.

#### Semi-Volatile Organics (Full Scan):

- The following sample results are qualified as estimated (UJ) due to low recoveries in the LCS and/or LCSD.
  - 4-Chloroaniline and phenol in MW-1.
  - 2,4-Dimethylphenol and phenol in MW-4.
- The result for biphenyl in MW-1 is qualified as estimated (J) due to high relative percent difference (RPD) in the LCS and LCSD.

- The results for all target acid extractables except 4,6-dinitro-o-cresol in MW-4 are qualified as estimated (UJ) due to low surrogate recovery.

#### Semi-Volatile Organics (Selected Ion Monitoring [SIM]):

- The result for naphthalene in MW-1 is qualified as estimated (J) due to low LCS recovery and high RPD in the LCS and LCSD.
- The results for acenaphthene, fluoranthene, naphthalene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, acenaphthylene, anthracene, benzo(ghi)perylene, fluorene, phenanthrene, dibenzo(a,h)anthracene, indeno(1,2,3-cd)pyrene, pyrene, and 2-methylnaphthalene in MW-1 are qualified as estimated (J) due to high RPD between the LCS and LCSD.
- The results for acenaphthylene, anthracene and benzo(a)anthracene in MW-1 are qualified as estimated (J) because the ion ratio is outside control limits.
- The results for isophorone, acetophenone and caprolactam in MW-4 are qualified as estimated (UJ) due to low response in the CCV.
- The result for naphthalene in MW-4 is qualified as not detected (U) at the blank value due to field blank contamination. The results for benzo(a)anthracene and 2-methylnaphthalene in MW-4 are qualified as not detected (U) at the reporting limit due to field blank contamination.
- The result for pentachlorophenol in MW-4 is qualified as estimated (UJ) due to low surrogate recoveries.

#### Sulfate:

- Sample results are not qualified as a result of the validation effort.

Qualifier definitions are provided in Attachment A. A copy of the chain of custody record is provided in Attachment B. Pages from the data package illustrating the exceedances and issues described in this validation report are included as Attachment C.

The following components were reviewed, where applicable:

- Chain of Custody
- Receiving conditions
- Holding times
- Preservation
- Analyte lists
- Reporting limits
- Requested methods
- Units, and
- Sample related quality control data:
  - Method blanks
  - Field blanks
  - Trip Blanks
  - Surrogate recoveries

- LCS/LCSD recoveries
- MS/MSD recoveries
- Internal standards
- Serial dilutions
- Duplicates
- Instrument related quality control data:
  - Instrument tunes
  - Calibration summaries
  - Interference Check Standards

In the remaining sections of this report, only those quality excursions resulting in qualified data are discussed below. Quality control excursions having no impact on sample results are not discussed.

**Documentation:** A completeness review of the data package was performed, and the data package was determined to be a complete Category B data package.

***Holding Times, Preservation, Sample Integrity:***

A copy of the applicable chain of custody (COC) records was included in the data packages, documenting sample collection dates as follows.

SDG	Sample collection Date	Sample Receipt Date
L2326096	5/10/2023	5/11/2023
L2375982	12/21/2023	12/22/2023

All samples reviewed were properly preserved and analyzed within the method holding times.

**1. L2326096**

***Volatile Organics***

***a. Calibration***

All relative response factors (RRFs) and relative standard deviations (RSDs) or correlation coefficients were acceptable in the initial calibration (IC) associated with sample MW-1. A second source initial calibration verification standard (ICV) was analyzed following the IC and the percent differences are acceptable ( $\leq 30\%D$ ).

Continuing calibrations verification (CCV) standards were analyzed at the appropriate frequency and all RRFs and %D are acceptable ( $\%D \leq 20$ ), with the exceptions noted below. Where the %D represents an increase in instrument sensitivity and the analyte is not detected in the associated sample, no qualification of sample results is warranted. These are not detailed below.

Instr.	CCV	Analyte	%D	Affected Sample
VOA108	5/24/23	Bromomethane	58.3	MW-1
	17:28	Acetone	21.7	

	Acrylonitrile	32.9
	2-Butanone	29.4
	Trichloroethene	21.9
	1,4-Dioxane	40.1
	4-Methyl-2-pentanone	25.2
	Chlorodibromomethane	22.7
	2-Hexanone	26.9
	Bromoform	28.3
	trans-1,4-Dichloro-2-butene	24.7
	Naphthalene	20.1

The percent differences represent a decrease in instrument sensitivity. The results for bromomethane, acetone, acrylonitrile, 2-butanone, trichloroethene, 1,4-dioxane, 4-methyl-2-pentanone, chlorodibromomethane, 2-hexanone, bromoform, trans-1,4-dichloro-2-butene and naphthalene in MW-1 are qualified as estimated (UJ) due to low response in the CCV.

***b. Laboratory Control Sample (LCS) / LCS Duplicate (LCSD)***

All recoveries and RPDs are acceptable with the exceptions noted below. Where a recovery is high and the analyte is not detected in the associated sample, no qualification of sample results is warranted. These are not detailed below.

Analyte	LCS %R	LCSD %R	RPD	Affected Sample
<i>WG1783370-3 &amp; 4</i>				
Bromomethane	42	41	a	MW-1
Acrylonitrile	67	a	a	

The results for bromomethane and acrylonitrile in MW-1 are qualified as estimated (UJ) due to low recoveries in the LSC and/or LCSD.

***Semi-Volatile Organics (Full Scan Analysis)***

***a. Surrogates***

MW-1 was analyzed at a 20X dilution due to the high level on non-target analytes. As a result, the surrogate compounds are diluted out. Sample results are not qualified based on no surrogate recovery.

***b. Laboratory Control Sample (LCS) / LCS Duplicate (LCSD)***

The laboratory control limits are excessively low and the control limit for relative percent difference (RPD) of 50 for an LCS/LCSD is excessively high. A control limit of 50-130%R and LCS/LCSD relative percent difference (RPD) of <20 was used for validation. All recoveries and RPDs are acceptable with the exceptions noted below. Where a recovery is high and the analyte is not detected in the associated sample, no qualification of sample results is warranted. These are not detailed below.

Analyte	LCS %R	LCSD %R	RPD	Affected Sample
WG1779722-2 & 3				
Biphenyl	a	a	23	MW-1
4-Chloroaniline	48	a	a	
Phenol	47	a	a	

a=acceptable

The results for 4-chloroaniline and phenol in MW-1 are qualified as estimated (UJ) due to low recovery in the LCS.

The result for biphenyl in MW-1 is qualified as estimated (J) due to high RPD between the LCS and LCSD. Even though LCS and LCSD %R are acceptable, the RPD is >20 indicating uncertainty in imprecision in the analytical batch. Detected analytes are qualified as estimated due to imprecision in the LCS and LCSD.

For the remaining target analytes not listed above, most of the RPDs in the LCS and LCSD are >20%. Since target analytes are not detected, sample results are not qualified.

***Semi-Volatile Organics (Selected Ion Monitoring [SIM])***  
***a. Laboratory Control Sample (LCS) / LCS Duplicate (LCSD)***

All recoveries and RPDs are acceptable with the exceptions noted below. Where a recovery is high and the analyte is not detected in the associated sample, no qualification of sample results is warranted. These are not detailed below.

Analyte	LCS %R	LCSD %R	RPD	Affected Sample
WG1779724-2 & 3				
Naphthalene	a	49	30	MW-1

a=acceptable

The result for naphthalene in MW-1 is qualified as estimated (J) due to low LCS recovery and high RPD in the LCS and LCSD.

The RPD of all target analytes exceeds 20. The results for acenaphthene, fluoranthene, naphthalene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, acenaphthylene, anthracene, benzo(ghi)perylene, fluorene, phenanthrene, dibenzo(a,h)anthracene, indeno(1,2,3-cd)pyrene, pyrene, and 2-methylnaphthalene in MW-1 are qualified as estimated (J) due to high RPD between the LCS and LCSD. Even though LCS and LCSD %R are acceptable, the RPD is >20 indicating uncertainty in imprecision in the analytical batch. Detected analytes are qualified as estimated due to imprecision in the LCS and LCSD.

***b. Compound Identification and Quantitation***

For SIM analysis, identification is based on retention time and the ratio of the primary and secondary ion. Ion ratios are established during calibration and are used for subsequent analyte identification in

subsequent samples. For positive identification of an analyte in a sample, the ion ratio in the sample should agree within 30% of the ratio established during calibration. The ion ratio for acenaphthylene, anthracene and benzo(a)anthracene in MW-1 are outside control limit. On this basis, the results for acenaphthylene, anthracene and benzo(a)anthracene in MW-1 are qualified as estimated (J). Results are qualitatively and quantitatively uncertain.

**Sulfate**

No qualification of sample results was made based on the data review provided.

**2. L2375982**

**Volatile Organics**

**a. Calibration**

All relative response factors (RRFs) and relative standard deviations (RSDs) or correlation coefficients were acceptable in the initial calibration (IC) associated with sample MW-1. A second source initial calibration verification standard (ICV) was analyzed following the IC and the percent differences are acceptable.

Continuing calibrations verification (CCV) standards were analyzed at the appropriate frequency and all RRFs and %D are acceptable, with the exceptions noted below. Where the %D represents an increase in instrument sensitivity and the analyte is not detected in the associated sample, no qualification of sample results is warranted. These are not detailed below.

Instr.	CCV	Analyte	%D	Affected Sample
VOA101	12/29/23	Bromomethane	74	MW-4
	08:04	1,4-Dioxane	22.4	

The percent differences represent a decrease in instrument sensitivity. The results for bromomethane 1,4-dioxane in MW-4 are qualified as estimated (UJ) due to low response in the CCV.

**b. Laboratory Control Sample (LCS) / LCS Duplicate (LCSD)**

All recoveries and RPDs are acceptable with the exceptions noted below. Where a recovery is high and the analyte is not detected in the associated sample, no qualification of sample results is warranted. These are not detailed below.

Analyte	LCS %R	LCSD %R	RPD	Affected Sample
WG1869932-3 & 4				
Bromomethane	26	25	a	MW-4

a=acceptable



The result for bromomethane in MW-4 is qualified as estimated (UJ) due to low recoveries in the LSC and LCSD.

**Semi-Volatile Organics (Full Scan Analysis)**

**a. Calibration**

All relative response factors (RRFs) and relative standard deviations (RSDs) or correlation coefficients were acceptable in the initial calibration (IC) associated with sample MW-4. A second source initial calibration verification standard was analyzed following each IC and the percent differences are acceptable. Continuing calibrations verification (CCV) standards were analyzed at the appropriate frequency and all RRFs and %D are acceptable, with the exceptions noted below. Where the %D represents an increase in instrument sensitivity and the analyte is not detected in the associated sample, no qualification of sample results is warranted. These are not detailed below.

Instr.	CCV	Analyte	%D	Affected Sample
Dakota	12/27/23 21:04	Isophorone	20.1	MW-4
	12/27/23 21:27	Acetophenone	23.5	
		Caprolactam	23.1	

The percent differences represent a decrease in instrument sensitivity. The results for isophorone, acetophenone and caprolactam in MW-4 are qualified as estimated (UJ) due to low response in the CCV.

**b. Surrogates**

The laboratory lower control limits for the surrogates are excessively low. A control limit of 50-130%R was used for validation. All surrogate recoveries are within acceptance limits with the exceptions noted below.

Sample	2FP	PHL	NBZ	FBP	TBP	TPHL
MW-4	a	41	a	a	aa	

a=acceptable

The results for all target acid extractables except 4,6-dinitro-o-cresol in MW-4 are qualified as estimated (UJ) because phenol-d<sub>5</sub> surrogate exhibited low recovery.

**c. Laboratory Control Sample (LCS) / LCS Duplicate (LCSD)**

All recoveries and RPDs are acceptable with the exceptions noted below. Where a recovery is high and the analyte is not detected in the associated sample, no qualification of sample results is warranted. These are not detailed below.

Analyte	LCS %R	LCSD %R	RPD	Affected Sample
WG1868347-2 & 3				
2,4-Dimethylphenol	48	a	a	MW-4
Phenol	41	47	a	

a=acceptable

The results for 2,4-dimethylphenol and phenol in MW-4 are qualified as estimated (UJ) due to low recovery in the LCS and/or LCSD.

***Semi-Volatile Organics (Selected Ion Monitoring [SIM])***

***a. Blanks***

The table below summarizes blank detections that impacted sample results.

Blank	Analyte	Conc. (µg/L)
Field Blank	Naphthalene	0.30
	Benzo(a)anthracene	0.03 (J)
	2-Methylnaphthalene	0.21

The result for naphthalene in MW-4 is qualified as not detected (U) at the blank value due to field blank contamination. The results for benzo(a)anthracene and 2-methylnaphthalene in MW-4 are qualified as not detected (U) at the reporting limit due to field blank contamination. It should be noted that the laboratory re-extracted the field blank and only naphthalene and 2-methylnaphthalene were detected. Sample results are qualified based on the initial extraction of the field blank.

***b. Surrogates***

All surrogate recoveries are within acceptance limits with the exceptions noted below.

Sample	2FP	PHL	NBZ	FBP	TBP	TPHL
MW-4	46	46	a	a	a	a

a=acceptable

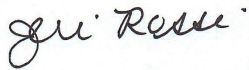
The result for pentachlorophenol in MW-4 is qualified as estimated (UJ) because two acid surrogates exhibited low recovery.

***Sulfate***

No qualification of sample results was made based on the data review provided.

No other sample results were qualified. Please feel free to contact me at (908) 370-3431 or [richjeronirossi513@gmail.com](mailto:richjeronirossi513@gmail.com) if you have any questions regarding this data package review report or need further information.

Sincerely,

A handwritten signature in black ink that reads "Jeri Rossi". The signature is written in a cursive style with a large initial "J" and "R".

Jeri L Rossi, CEAC  
Environmental Consulting Chemist

**ATTACHMENT A**

**Qualifier Definitions**



# CHAIN OF CUSTODY

PAGE 1 OF 1

WESTBORO, MA  
 TEL: 508-898-9220  
 FAX: 508-898-9193

MANSFIELD, MA  
 TEL: 508-822-9300  
 FAX: 508-822-3288

### Project Information

Project Name: **384736**  
 Project Location: **Broadway, NY**  
 Project #: **384736**  
 Project Manager: **Joe Maggioni**  
 ALPHA Quote #:

### Turn-Around Time

Standard  RUSH (only confirmed if pre-approved)  
 Date Due: Time:

Date Rec'd in Lab: **5/11/23**

ALPHA Job #: **L2326096**

### Report Information - Data Deliverables

FAX  EMAIL  
 ADEX  Add'l Deliverables

### Billing Information

Same as Client info PO #: **335478**

### Client Information

Client: **20 Gibson Pl**  
 Address: **Freehold NJ**  
**(AET)**  
 Phone: **908-548-3817**

### Regulatory Requirements/Report Limits

State /Fed Program Criteria

Fax:

Email: **JMaggioni@AETConstants.com**

These samples have been previously analyzed by Alpha

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS	Sulfate	VOCs	SVOCs	TOTAL # BOTTLES

**SAMPLE HANDLING**  
 Filtration \_\_\_\_\_  
 Done  
 Not needed  
 Lab to do Preservation  
 Lab to do  
 (Please specify below)  
 Sample Specific Comments

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS			TOTAL # BOTTLES
		Date	Time			Sulfate	VOCs	SVOCs	
26096-01	Field Blank	5/10	1330	ew	K/MK	X	X	X	
-02	Trip Blank		NA		NA	X	X	X	
-03	MW-4		1240		MK	X	X	X	
-04	MW-2		1040		MK				
-05	MW-3		1010		MK				
-06	MW-6		1100		MK				
-07	MW-5		1130		MK				
-08	MW-1		1230		MK				

Container Type \_\_\_\_\_  
 Preservative \_\_\_\_\_

Relinquished By:	Date/Time	Received By:	Date/Time
<i>[Signature]</i>	5/11 @ 1015	<i>[Signature]</i>	5/11/23 1015
	5/11/23 1400		5/11/23 18:45
	5/11/23		5/11/23 2:30

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.



**NEW YORK  
CHAIN OF  
CUSTODY**

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

Page 1  
of 1

Date Rec'd  
in Lab 12/23/23

ALPHA Job #  
L2375982

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

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

**Project Information**  
Project Name: New York, NY  
Project Location: 4778 Broadway  
Project # 384736  
(Use Project name as Project #)   
Project Manager: Joe Maggioni  
ALPHAQuote #:  
Turn-Around Time  
Standard  Due Date:  
Rush (only if pre approved)  # of Days:

**Deliverables**  
 ASP-A  ASP-B  
 EQUIS (1 File)  EQUIS (4 File)  
 Other  
**Regulatory Requirement**  
 NY TOGS  NY Part 375  
 AWQ Standards  NY CP-51  
 NY Restricted Use  Other  
 NY Unrestricted Use  
 NYC Sewer Discharge

**Billing Information**  
 Same as Client Info  
PO# 335478  
**Disposal Site Information**  
Please identify below location of applicable disposal facilities.  
Disposal Facility:  
 NJ  NY  
 Other:

**Client Information**  
Client: AEL Consultants  
Address: 20 Gibson Place, Suite 310  
Fredonia, NJ 07428  
Phone: (973) 414-2120  
Fax:  
Email: jmaggioni@aelconsultants.com

These samples have been previously analyzed by Alpha   
**Other project specific requirements/comments:**

Please specify Metals or TAL.

**ANALYSIS**

Sample ID	Analysis	Result
MW-1	TCL-VOCs	X
MW-2	TCL-VOCs	X
MW-3	TCL-VOCs	X
MW-4	TCL-VOCs	X
MW-5	TCL-VOCs	X
MW-6	TCL-VOCs	X
Field Blank	TCL-VOCs	X
Strip Blank	TCL-VOCs	X

**Sample Filtration**

Done  
 Lab to do  
**Preservation**  
 Lab to do  
  
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Analysis	Result	Total Bottles
		Date	Time					
75982-01	MW-1	12/21/22	1305	GW	MR	TCL-VOCs	X	6
-02	MW-2		1355			TCL-VOCs	X	6
-03	MW-3		1220			TCL-VOCs	X	6
-04	MW-4		1155			TCL-VOCs	X	6
-05	MW-5		1240			TCL-VOCs	X	6
-06	MW-6		1300			TCL-VOCs	X	6
-07	Field Blank		1415		P	TCL-VOCs	X	5
-08	Strip Blank	12/20/23			VBE	TCL-VOCs	X	2

Preservative Code:  
A = None  
B = HCl  
C = HNO<sub>3</sub>  
D = H<sub>2</sub>SO<sub>4</sub>  
E = NaOH  
F = MeOH  
G = NaHSO<sub>4</sub>  
H = Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>  
K/E = Zn Ac/NaOH  
O = Other

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

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

Container Type VAP  
Preservative BAA

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

Relinquished By: [Signature] Date/Time: 12/22/23 17:50  
Received By: [Signature] Date/Time: 12/22/23 19:00  
[Signature] Date/Time: 12/23 1:45  
[Signature] Date/Time: 12/23 01:15

## EPA Qualifier Definitions

- U The analyte was analyzed for but was not detected above the level of the reported sample quantitation limit.
- J The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
- J+ The result is an estimated quantity, but the result may be biased high.
- J- The result is an estimated quantity, but the result may be biased low.
- NJ The analyte has been “tentatively identified” or “presumptively” as present and the associated numerical value is the estimated concentration in the sample.
- UJ The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
- R The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the sample.

**ATTACHMENT B**

**CHAIN OF CUSTODY**



**ATTACHMENT C**

**SELECTED PAGES FROM DATA PACKAGE –  
QC EXCEEDANCES AND VALIDATION ISSUES**

# Laboratory Control Sample Summary

## Form 3

### Volatiles

**Client** : AEI Consultants **Lab Number** : L2326096  
**Project Name** : 384736 **Project Number** : 384736  
**Matrix (Level)** : WATER (LOW)  
**LCS Sample ID** : WG1783370-3 **Analysis Date** : 05/24/23 17:28 **File ID** : V08230524N01  
**LCSD Sample ID** : WG1783370-4 **Analysis Date** : 05/24/23 17:49 **File ID** : V08230524N02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
Methylene chloride	10	8.9	89	10	8.8	88	1	70-130	20
1,1-Dichloroethane	10	9.1	91	10	9.1	91	0	70-130	20
Chloroform	10	9.0	90	10	9.0	90	0	70-130	20
Carbon tetrachloride	10	8.8	88	10	8.9	89	1	63-132	20
1,2-Dichloropropane	10	9.2	92	10	9.0	90	2	70-130	20
Dibromochloromethane	10	7.7	77	10	8.0	80	4	63-130	20
1,1,2-Trichloroethane	10	8.3	83	10	8.8	88	6	70-130	20
Tetrachloroethene	10	8.8	88	10	9.1	91	3	70-130	20
Chlorobenzene	10	8.7	87	10	8.8	88	1	75-130	20
Trichlorofluoromethane	10	9.0	90	10	8.8	88	2	62-150	20
1,2-Dichloroethane	10	8.7	87	10	8.8	88	1	70-130	20
1,1,1-Trichloroethane	10	8.9	89	10	8.9	89	0	67-130	20
Bromodichloromethane	10	8.4	84	10	8.3	83	1	67-130	20
trans-1,3-Dichloropropene	10	8.0	80	10	8.4	84	5	70-130	20
cis-1,3-Dichloropropene	10	8.3	83	10	8.4	84	1	70-130	20
1,1-Dichloropropene	10	8.6	86	10	8.6	86	0	70-130	20
Bromoform	10	7.2	72	10	7.4	74	3	54-136	20
1,1,2,2-Tetrachloroethane	10	8.6	86	10	8.8	88	2	67-130	20
Benzene	10	8.7	87	10	8.8	88	1	70-130	20
Toluene	10	8.7	87	10	8.7	87	0	70-130	20
Ethylbenzene	10	8.4	84	10	8.6	86	2	70-130	20
Chloromethane	10	8.1	81	10	7.8	78	4	64-130	20
Bromomethane	10	4.2	42	10	4.1	41	2	39-139	20
Vinyl chloride	10	9.0	90	10	8.9	89	1	55-140	20
Chloroethane	10	9.2	92	10	9.0	90	2	55-138	20
1,1-Dichloroethene	10	9.2	92	10	9.1	91	1	61-145	20



# Laboratory Control Sample Summary

## Form 3

### Volatiles

**Client** : AEI Consultants **Lab Number** : L2326096  
**Project Name** : 384736 **Project Number** : 384736  
**Matrix (Level)** : WATER (LOW)  
**LCS Sample ID** : WG1783370-3 **Analysis Date** : 05/24/23 17:28 **File ID** : V08230524N01  
**LCSD Sample ID** : WG1783370-4 **Analysis Date** : 05/24/23 17:49 **File ID** : V08230524N02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
trans-1,2-Dichloroethene	10	9.1	91	10	8.9	89	2	70-130	20
Trichloroethene	10	7.8	78	10	8.1	81	4	70-130	20
1,2-Dichlorobenzene	10	8.8	88	10	9.0	90	2	70-130	20
1,3-Dichlorobenzene	10	9.0	90	10	9.1	91	1	70-130	20
1,4-Dichlorobenzene	10	8.7	87	10	8.8	88	1	70-130	20
Methyl tert butyl ether	10	8.0	80	10	8.3	83	4	63-130	20
p/m-Xylene	20	17	85	20	18	90	6	70-130	20
o-Xylene	20	17	85	20	18	90	6	70-130	20
cis-1,2-Dichloroethene	10	9.0	90	10	8.8	88	2	70-130	20
Dibromomethane	10	8.3	83	10	8.6	86	4	70-130	20
1,2,3-Trichloropropane	10	8.6	86	10	8.6	86	0	64-130	20
Acrylonitrile	10	6.7	67 Q	10	8.1	81	19	70-130	20
Styrene	20	17	85	20	17	85	0	70-130	20
Dichlorodifluoromethane	10	8.2	82	10	8.1	81	1	36-147	20
Acetone	10	7.9	79	10	8.7	87	10	58-148	20
Carbon disulfide	10	8.8	88	10	8.8	88	0	51-130	20
2-Butanone	10	7.0	70	10	7.8	78	11	63-138	20
Vinyl acetate	10	8.8	88	10	8.9	89	1	70-130	20
4-Methyl-2-pentanone	10	7.5	75	10	8.2	82	9	59-130	20
2-Hexanone	10	7.3	73	10	7.9	79	8	57-130	20
Bromochloromethane	10	8.6	86	10	8.6	86	0	70-130	20
2,2-Dichloropropane	10	9.4	94	10	9.3	93	1	63-133	20
1,2-Dibromoethane	10	8.6	86	10	9.1	91	6	70-130	20
1,3-Dichloropropane	10	8.5	85	10	8.8	88	3	70-130	20
1,1,1,2-Tetrachloroethane	10	8.8	88	10	8.8	88	0	64-130	20
Bromobenzene	10	8.5	85	10	8.7	87	2	70-130	20



# Calibration Verification Summary

## Form 7

### Volatiles

Client : AEI Consultants  
 Project Name : 384736  
 Instrument ID : VOA108  
 Lab File ID : V08230524N01  
 Sample No : WG1783370-2  
 Channel :

Lab Number : L2326096  
 Project Number : 384736  
 Calibration Date : 05/24/23 17:28  
 Init. Calib. Date(s) : 05/18/23 05/18/23  
 Init. Calib. Times : 10:51 13:59

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	100	0
Dichlorodifluoromethane	0.281	0.23	-	18.1	20	78	0
Chloromethane	0.375	0.303	-	19.2	20	80	0
Vinyl chloride	0.306	0.277	-	9.5	20	84	0
Bromomethane	0.223	0.093	-	58.3*	20	44	0
Chloroethane	0.205	0.19	-	7.3	20	89	0
Trichlorofluoromethane	0.4	0.362	-	9.5	20	85	0
Ethyl ether	0.124	0.105	-	15.3	20	83	0
1,1-Dichloroethene	0.232	0.213	-	8.2	20	88	0
Carbon disulfide	0.843	0.745	-	11.6	20	86	0
Freon-113	0.231	0.212	-	8.2	20	86	0
Acrolein	0.037	0.035	-	5.4	20	95	0
Methylene chloride	0.286	0.255	-	10.8	20	88	0
Acetone	0.069	0.054	-	21.7*	20	79	-.01
trans-1,2-Dichloroethene	0.266	0.242	-	9	20	91	0
Methyl acetate	0.168	0.14	-	16.7	20	84	0
Methyl tert-butyl ether	0.675	0.542	-	19.7	20	81	-.01
tert-Butyl alcohol	0.026	0.018	-	30.8*	20	71	-.01
Diisopropyl ether	1.011	0.854	-	15.5	20	89	0
1,1-Dichloroethane	0.552	0.503	-	8.9	20	90	0
Halothane	0.182	0.163	-	10.4	20	89	0
Acrylonitrile	10	6.707	-	32.9*	20	74	-.01
Ethyl tert-butyl ether	0.94	0.789	-	16.1	20	84	-.01
Vinyl acetate	0.615	0.541	-	12	20	101	-.01
cis-1,2-Dichloroethene	0.297	0.267	-	10.1	20	90	-.02
2,2-Dichloropropane	0.424	0.398	-	6.1	20	88	0
Bromochloromethane	0.132	0.113	-	14.4	20	85	0
Cyclohexane	0.491	0.448	-	8.8	20	89	-.01
Chloroform	0.514	0.461	-	10.3	20	88	-.01
Ethyl acetate	0.224	0.169	-	24.6*	20	77	-.01
Carbon tetrachloride	0.331	0.29	-	12.4	20	87	0
Tetrahydrofuran	0.063	0.053	-	15.9	20	86	0
Dibromofluoromethane	0.29	0.258	-	11	20	90	-.01
1,1,1-Trichloroethane	0.41	0.363	-	11.5	20	90	0
2-Butanone	0.102	0.072	-	29.4*	20	73	-.01
1,1-Dichloropropene	0.358	0.308	-	14	20	83	-.01
Benzene	1.069	0.928	-	13.2	20	84	0
tert-Amyl methyl ether	0.766	0.596	-	22.2*	20	82	-.01
1,2-Dichloroethane-d4	0.336	0.299	-	11	20	89	-.01
1,2-Dichloroethane	0.384	0.333	-	13.3	20	88	0
Methyl cyclohexane	0.412	0.337	-	18.2	20	85	0
Trichloroethene	0.31	0.242	-	21.9*	20	81	0
Dibromomethane	0.162	0.135	-	16.7	20	83	0

\* Value outside of QC limits.



# Calibration Verification Summary

## Form 7

### Volatiles

Client : AEI Consultants  
 Project Name : 384736  
 Instrument ID : VOA108  
 Lab File ID : V08230524N01  
 Sample No : WG1783370-2  
 Channel :

Lab Number : L2326096  
 Project Number : 384736  
 Calibration Date : 05/24/23 17:28  
 Init. Calib. Date(s) : 05/18/23 05/18/23  
 Init. Calib. Times : 10:51 13:59

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.308	0.283	-	8.1	20	90	0
Bromodichloromethane	0.395	0.33	-	16.5	20	86	0
1,4-Dioxane	0.00192	0.00115*	-	40.1*	20	60	0
cis-1,3-Dichloropropene	0.459	0.38	-	17.2	20	82	0
Chlorobenzene-d5	1	1	-	0	20	101	0
Toluene-d8	1.335	1.15	-	13.9	20	85	0
Toluene	0.81	0.706	-	12.8	20	85	0
4-Methyl-2-pentanone	0.103	0.077	-	25.2*	20	74	-.01
Tetrachloroethene	0.318	0.279	-	12.3	20	86	0
trans-1,3-Dichloropropene	0.468	0.376	-	19.7	20	80	0
Ethyl methacrylate	0.402	0.29	-	27.9*	20	75	0
1,1,2-Trichloroethane	0.232	0.193*	-	16.8	20	83	0
Chlorodibromomethane	0.299	0.231	-	22.7*	20	80	0
1,3-Dichloropropane	0.48	0.408	-	15	20	85	0
1,2-Dibromoethane	0.223	0.193*	-	13.5	20	88	0
2-Hexanone	0.197	0.144	-	26.9*	20	76	0
Chlorobenzene	0.901	0.785	-	12.9	20	84	0
Ethylbenzene	1.547	1.305	-	15.6	20	84	0
1,1,1,2-Tetrachloroethane	0.299	0.262	-	12.4	20	86	0
p/m Xylene	0.584	0.507	-	13.2	20	84	0
o Xylene	0.574	0.496	-	13.6	20	86	0
Styrene	0.962	0.815	-	15.3	20	84	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	98	0
Bromoform	0.311	0.223	-	28.3*	20	75	0
Isopropylbenzene	2.821	2.429	-	13.9	20	85	0
4-Bromofluorobenzene	0.988	0.846	-	14.4	20	84	0
Bromobenzene	0.675	0.573	-	15.1	20	86	0
n-Propylbenzene	3.396	2.996	-	11.8	20	87	0
1,4-Dichlorobutane	0.923	0.76	-	17.7	20	86	0
1,1,2,2-Tetrachloroethane	0.597	0.517	-	13.4	20	91	0
4-Ethyltoluene	2.747	2.37	-	13.7	20	88	0
2-Chlorotoluene	2.367	2.049	-	13.4	20	87	0
1,3,5-Trimethylbenzene	2.442	2.161	-	11.5	20	88	0
1,2,3-Trichloropropane	0.488	0.422	-	13.5	20	87	0
trans-1,4-Dichloro-2-buten	0.17	0.128	-	24.7*	20	82	0
4-Chlorotoluene	2.222	1.882	-	15.3	20	85	0
tert-Butylbenzene	1.917	1.704	-	11.1	20	85	0
1,2,4-Trimethylbenzene	2.388	2.12	-	11.2	20	89	0
sec-Butylbenzene	2.907	2.627	-	9.6	20	87	0
p-Isopropyltoluene	2.453	2.199	-	10.4	20	88	0
1,3-Dichlorobenzene	1.279	1.146	-	10.4	20	87	0
1,4-Dichlorobenzene	1.314	1.138	-	13.4	20	87	0
p-Diethylbenzene	1.501	1.371	-	8.7	20	90	0

\* Value outside of QC limits.



# Calibration Verification Summary

## Form 7

### Volatiles

**Client** : AEI Consultants  
**Project Name** : 384736  
**Instrument ID** : VOA108  
**Lab File ID** : V08230524N01  
**Sample No** : WG1783370-2  
**Channel** :

**Lab Number** : L2326096  
**Project Number** : 384736  
**Calibration Date** : 05/24/23 17:28  
**Init. Calib. Date(s)** : 05/18/23 05/18/23  
**Init. Calib. Times** : 10:51 13:59

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	2.31	2.12	-	8.2	20	89	0
1,2-Dichlorobenzene	1.211	1.064	-	12.1	20	86	0
1,2,4,5-Tetramethylbenzene	2.512	2.201	-	12.4	20	86	0
1,2-Dibromo-3-chloropropan	0.071	0.057	-	19.7	20	81	0
1,3,5-Trichlorobenzene	0.948	0.866	-	8.6	20	91	0
Hexachlorobutadiene	0.421	0.368	-	12.6	20	85	0
1,2,4-Trichlorobenzene	0.869	0.762	-	12.3	20	85	0
Naphthalene	1.859	1.485	-	20.1*	20	78	0
1,2,3-Trichlorobenzene	0.795	0.679	-	14.6	20	85	0

\* Value outside of QC limits.



# Laboratory Control Sample Summary

## Form 3

### Semivolatiles

**Client** : AEI Consultants **Lab Number** : L2326096  
**Project Name** : 384736 **Project Number** : 384736  
**Matrix (Level)** : WATER (LOW)  
**LCS Sample ID** : WG1779722-2 **Analysis Date** : 05/17/23 12:46 **File ID** : 779722-2  
**LCSD Sample ID** : WG1779722-3 **Analysis Date** : 05/17/23 13:09 **File ID** : 779722-3

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
Di-n-butylphthalate	18	12.	65	18	15.	83	24	40-140	30
Di-n-octylphthalate	18	11.	62	18	15.	82	28	40-140	30
Diethyl phthalate	18	12.	64	18	15.	81	23	40-140	30
Dimethyl phthalate	18	13.	73	18	17.	91	22	40-140	30
Benzo(a)anthracene	18	12.	66	18	16.	86	26	40-140	30
Benzo(a)pyrene	18	13.	71	18	16.	89	23	40-140	30
Benzo(b)fluoranthene	18	12.	68	18	15.	82	19	40-140	30
Benzo(k)fluoranthene	18	12.	67	18	15.	83	21	40-140	30
Chrysene	18	12.	67	18	16.	87	26	40-140	30
Acenaphthylene	18	14.	76	18	17.	91	18	45-123	30
Anthracene	18	12.	64	18	15.	84	27	40-140	30
Benzo(ghi)perylene	18	11.	63	18	15.	83	27	40-140	30
Fluorene	18	12.	64	18	14.	79	21	40-140	30
Phenanthrene	18	11.	62	18	15.	82	28	40-140	30
Dibenzo(a,h)anthracene	18	12.	64	18	15.	83	26	40-140	30
Indeno(1,2,3-cd)pyrene	18	11.	62	18	14.	80	25	40-140	30
Pyrene	18	12.	68	18	15.	84	21	26-127	30
Biphenyl	18	11.	63	18	14.	79	23	40-140	30
4-Chloroaniline	18	8.8	48	18	10.	56	15	40-140	30
2-Nitroaniline	18	12.	69	18	16.	86	22	52-143	30
3-Nitroaniline	18	10.	57	18	13.	70	20	25-145	30
4-Nitroaniline	18	12.	64	18	14.	75	16	51-143	30
Dibenzofuran	18	12.	65	18	15.	83	24	40-140	30
2-Methylnaphthalene	18	12.	68	18	15.	83	20	40-140	30
1,2,4,5-Tetrachlorobenzene	18	12.	65	18	14.	79	19	2-134	30
Acetophenone	18	10.	56	18	13.	70	22	39-129	30



# Laboratory Control Sample Summary

## Form 3

### Semivolatiles

**Client** : AEI Consultants **Lab Number** : L2326096  
**Project Name** : 384736 **Project Number** : 384736  
**Matrix (Level)** : WATER (LOW)  
**LCS Sample ID** : WG1779722-2 **Analysis Date** : 05/17/23 12:46 **File ID** : 779722-2  
**LCSD Sample ID** : WG1779722-3 **Analysis Date** : 05/17/23 13:09 **File ID** : 779722-3

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
2,4,6-Trichlorophenol	18	15.	80	18	17.	94	16	30-130	30
p-Chloro-m-cresol	18	13.	72	18	16.	90	22	23-97	30
2-Chlorophenol	18	12.	63	18	13.	72	13	27-123	30
2,4-Dichlorophenol	18	13.	74	18	17.	91	21	30-130	30
2,4-Dimethylphenol	18	12.	66	18	15.	82	22	30-130	30
2-Nitrophenol	18	12.	66	18	14.	80	19	30-130	30
4-Nitrophenol	18	11.	59	18	13.	72	20	10-80	30
2,4-Dinitrophenol	18	13.	74	18	17.	91	21	20-130	30
4,6-Dinitro-o-cresol	18	14.	79	18	17.	95	18	20-164	30
Pentachlorophenol	18	16.	87	18	18.	101	15	9-103	30
Phenol	18	8.6	47	18	10.	56	17	12-110	30
2-Methylphenol	18	11.	63	18	13.	74	16	30-130	30
3-Methylphenol/4-Methylphenol	18	12.	65	18	14.	76	16	30-130	30
2,4,5-Trichlorophenol	18	16.	86	18	19.	104	19	30-130	30
Benzoic Acid	18	13.	73	18	16.	86	16	10-164	30
Benzyl Alcohol	18	11.	58	18	13.	71	20	26-116	30
Carbazole	18	12.	66	18	15.	84	24	55-144	30





# Laboratory Control Sample Summary

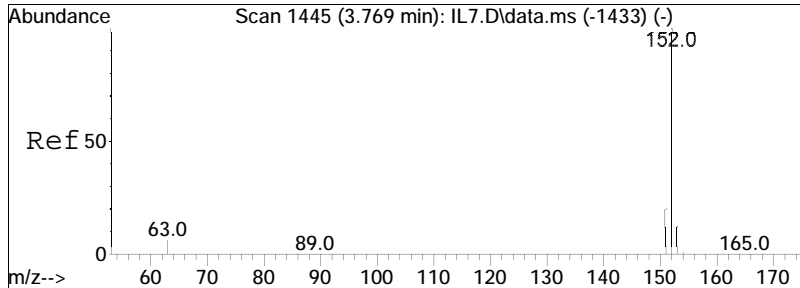
## Form 3

### Semivolatiles

**Client** : AEI Consultants **Lab Number** : L2326096  
**Project Name** : 384736 **Project Number** : 384736  
**Matrix (Level)** : WATER (LOW)  
**LCS Sample ID** : WG1779724-2 **Analysis Date** : 05/17/23 11:24 **File ID** : 779724-2  
**LCSD Sample ID** : WG1779724-3 **Analysis Date** : 05/17/23 11:40 **File ID** : 779724-3

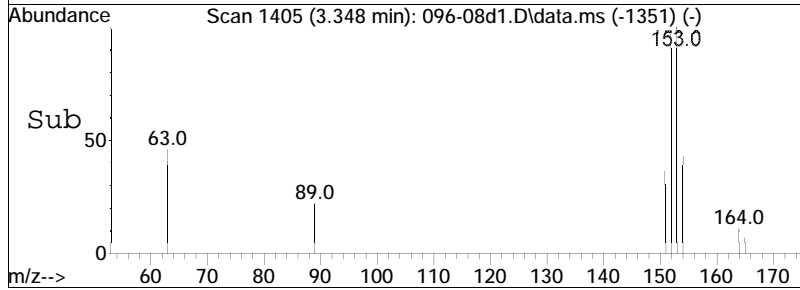
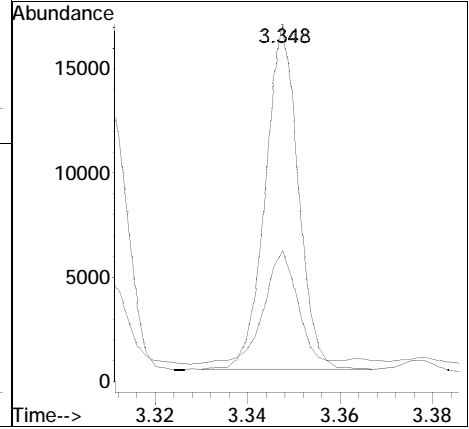
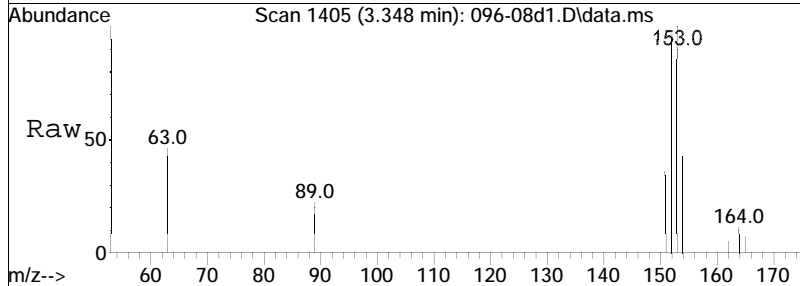
Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
Acenaphthene	18	13	70	18	9.7	53	28	40-140	40
2-Chloronaphthalene	18	12	68	18	9.2	51	29	40-140	40
Fluoranthene	18	14	80	18	11	60	29	40-140	40
Hexachlorobutadiene	18	13	73	18	9.9	55	28	40-140	40
Naphthalene	18	12	66	18	8.9	49	30	40-140	40
Benzo(a)anthracene	18	15	83	18	12	65	24	40-140	40
Benzo(a)pyrene	18	17	91	18	13	71	25	40-140	40
Benzo(b)fluoranthene	18	16	86	18	12	64	29	40-140	40
Benzo(k)fluoranthene	18	15	84	18	12	68	21	40-140	40
Chrysene	18	14	76	18	11	59	25	40-140	40
Acenaphthylene	18	15	85	18	11	63	30	40-140	40
Anthracene	18	15	80	18	11	63	24	40-140	40
Benzo(ghi)perylene	18	14	75	18	11	58	26	40-140	40
Fluorene	18	14	77	18	10	58	28	40-140	40
Phenanthrene	18	13	71	18	10	55	25	40-140	40
Dibenzo(a,h)anthracene	18	15	83	18	12	66	23	40-140	40
Indeno(1,2,3-cd)pyrene	18	14	76	18	11	60	24	40-140	40
Pyrene	18	14	77	18	10	57	30	40-140	40
2-Methylnaphthalene	18	13	73	18	10	55	28	40-140	40
Pentachlorophenol	18	19	103	18	15	82	23	40-140	40
Hexachlorobenzene	18	14	80	18	12	64	22	40-140	40
Hexachloroethane	18	12	67	18	9.0	50	29	40-140	40

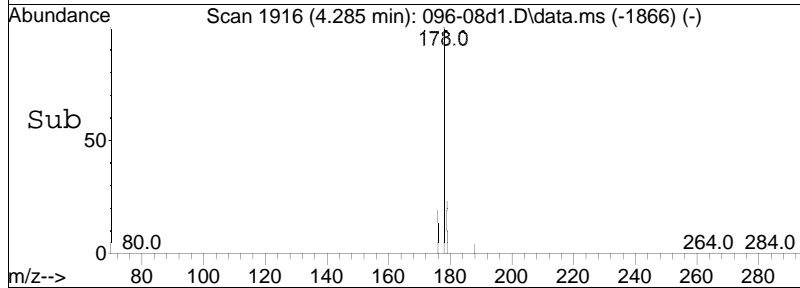
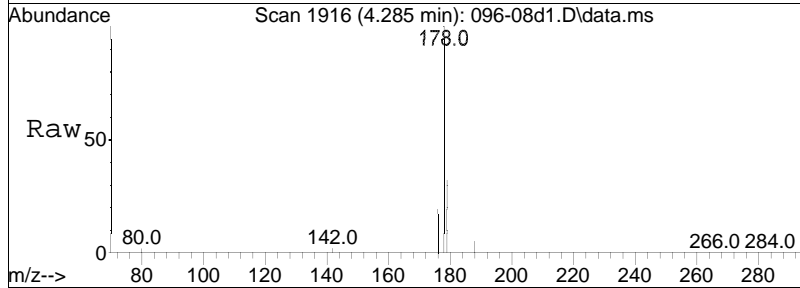
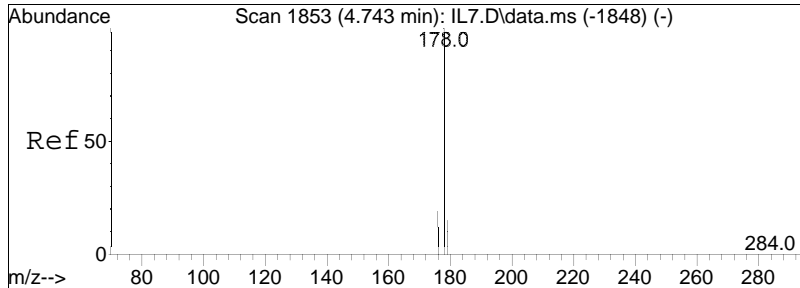




#16  
 Acenaphthylene  
 Concen: 171.33 ng/ml  
 RT: 3.348 min Scan# 1405  
 Delta R.T. 0.006 min  
 Lab File: 096-08d1.D  
 Acq: 28 May 2023 05:07 pm

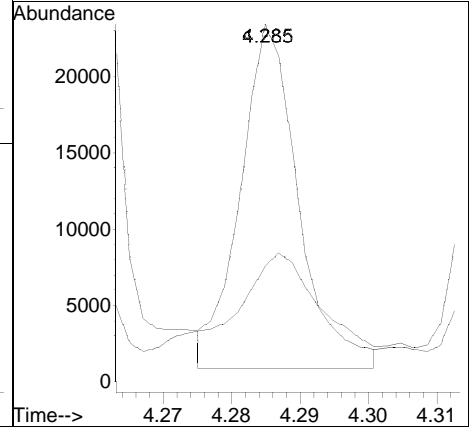
Tgt Ion	Resp	Lower	Upper
152	100		
151	36.0	16.0	24.0#

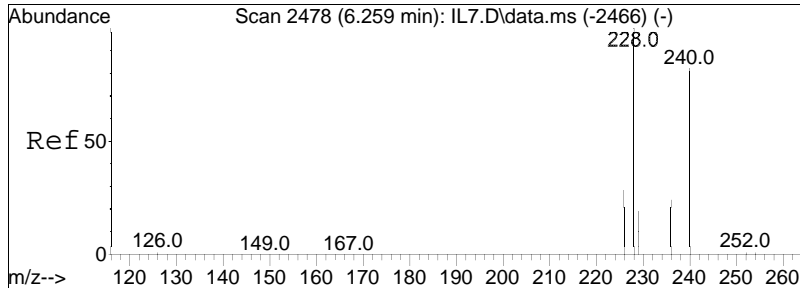




#27  
 Anthracene  
 Concen: 191.40 ng/ml M4  
 RT: 4.285 min Scan# 1916  
 Delta R.T. -0.002 min  
 Lab File: 096-08d1.D  
 Acq: 28 May 2023 05:07 pm

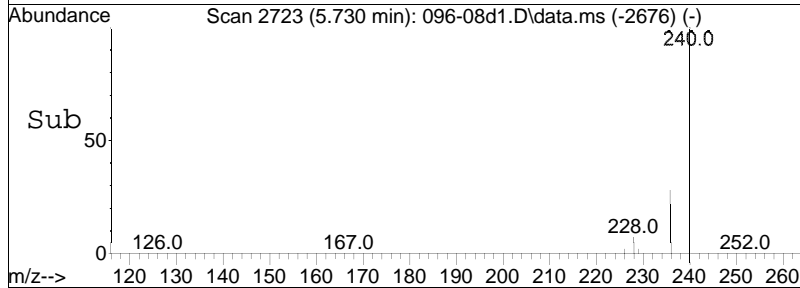
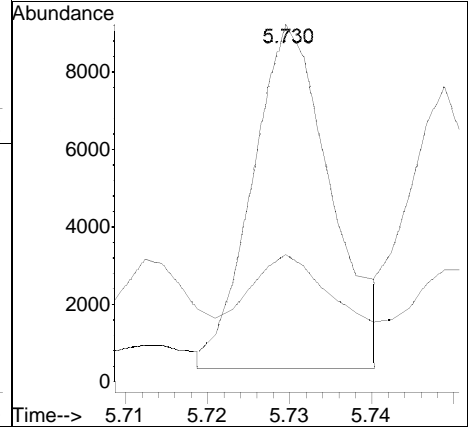
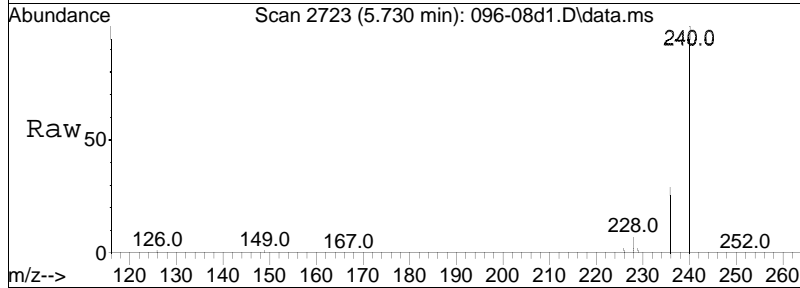
Tgt Ion	Resp	Lower	Upper
178	100		
179	32.8	12.2	18.4#





#32  
 Benzo[a]anthracene  
 Concen: 59.51 ng/ml M1  
 RT: 5.730 min Scan# 2723  
 Delta R.T. -0.000 min  
 Lab File: 096-08d1.D  
 Acq: 28 May 2023 05:07 pm

Tgt Ion	Resp	Lower	Upper
228	100		
229	25.7	15.6	23.4#



# Laboratory Control Sample Summary

## Form 3

### Volatiles

**Client** : AEI Consultants **Lab Number** : L2375982  
**Project Name** : NEW YORK, NY **Project Number** : 384736  
**Matrix (Level)** : WATER (LOW)  
**LCS Sample ID** : WG1869932-3 **Analysis Date** : 12/29/23 08:04 **File ID** : V01231229A01  
**LCSD Sample ID** : WG1869932-4 **Analysis Date** : 12/29/23 08:30 **File ID** : V01231229A02

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
Methylene chloride	10	10	100	10	9.6	96	4	70-130	20
1,1-Dichloroethane	10	11	110	10	10	100	10	70-130	20
Chloroform	10	10	100	10	9.9	99	1	70-130	20
Carbon tetrachloride	10	11	110	10	10	100	10	63-132	20
1,2-Dichloropropane	10	10	100	10	10	100	0	70-130	20
Dibromochloromethane	10	9.8	98	10	9.4	94	4	63-130	20
1,1,2-Trichloroethane	10	10	100	10	10	100	0	70-130	20
Tetrachloroethene	10	11	110	10	10	100	10	70-130	20
Chlorobenzene	10	11	110	10	10	100	10	75-130	20
Trichlorofluoromethane	10	10	100	10	9.7	97	3	62-150	20
1,2-Dichloroethane	10	10	100	10	9.5	95	5	70-130	20
1,1,1-Trichloroethane	10	11	110	10	9.9	99	11	67-130	20
Bromodichloromethane	10	10	100	10	9.6	96	4	67-130	20
trans-1,3-Dichloropropene	10	10	100	10	9.8	98	2	70-130	20
cis-1,3-Dichloropropene	10	9.8	98	10	9.4	94	4	70-130	20
1,1-Dichloropropene	10	11	110	10	10	100	10	70-130	20
Bromoform	10	9.4	94	10	8.8	88	7	54-136	20
1,1,2,2-Tetrachloroethane	10	10	100	10	9.8	98	2	67-130	20
Benzene	10	10	100	10	10	100	0	70-130	20
Toluene	10	11	110	10	10	100	10	70-130	20
Ethylbenzene	10	11	110	10	10	100	10	70-130	20
Chloromethane	10	9.8	98	10	9.6	96	2	64-130	20
Bromomethane	10	2.6	26 Q	10	2.5	25 Q	4	39-139	20
Vinyl chloride	10	10	100	10	9.8	98	2	55-140	20
Chloroethane	10	10	100	10	9.8	98	2	55-138	20
1,1-Dichloroethene	10	9.7	97	10	9.3	93	4	61-145	20



# Calibration Verification Summary

## Form 7

### Volatiles

Client : AEI Consultants  
 Project Name : NEW YORK, NY  
 Instrument ID : VOA101  
 Lab File ID : V01231229A01  
 Sample No : WG1869932-2  
 Channel :

Lab Number : L2375982  
 Project Number : 384736  
 Calibration Date : 12/29/23 08:04  
 Init. Calib. Date(s) : 12/15/23 12/15/23  
 Init. Calib. Times : 12:34 16:29

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	86	0
Dichlorodifluoromethane	0.279	0.265	-	5	20	85	0
Chloromethane	0.361	0.356	-	1.4	20	84	0
Vinyl chloride	0.32	0.331	-	-3.4	20	88	0
Bromomethane	0.156	0.04	-	74.4*	20	24	0
Chloroethane	0.192	0.2	-	-4.2	20	88	0
Trichlorofluoromethane	0.343	0.353	-	-2.9	20	90	0
Ethyl ether	0.108	0.096	-	11.1	20	75	0
1,1-Dichloroethene	0.219	0.213	-	2.7	20	86	0
Carbon disulfide	0.676	0.686	-	-1.5	20	88	0
Freon-113	0.229	0.24	-	-4.8	20	92	0
Acrolein	0.035	0.032	-	8.6	20	79	0
Methylene chloride	0.239	0.241	-	-0.8	20	86	0
Acetone	0.048	0.053	-	-10.4	20	90	0
trans-1,2-Dichloroethene	0.246	0.254	-	-3.3	20	89	0
Methyl acetate	0.126	0.124	-	1.6	20	83	0
Methyl tert-butyl ether	0.562	0.512	-	8.9	20	77	0
tert-Butyl alcohol	0.016	0.014	-	12.5	20	72	0
Diisopropyl ether	0.929	0.971	-	-4.5	20	89	0
1,1-Dichloroethane	0.486	0.516	-	-6.2	20	91	0
Halothane	0.19	0.198	-	-4.2	20	91	0
Acrylonitrile	0.059	0.056	-	5.1	20	80	0
Ethyl tert-butyl ether	0.781	0.761	-	2.6	20	83	0
Vinyl acetate	0.469	0.565	-	-20.5*	20	98	0
cis-1,2-Dichloroethene	0.273	0.278	-	-1.8	20	85	0
2,2-Dichloropropane	0.366	0.396	-	-8.2	20	92	0
Bromochloromethane	0.122	0.12	-	1.6	20	82	0
Cyclohexane	0.497	0.569	-	-14.5	20	103	0
Chloroform	0.426	0.436	-	-2.3	20	87	0
Ethyl acetate	0.188	0.181	-	3.7	20	80	0
Carbon tetrachloride	0.333	0.357	-	-7.2	20	92	0
Tetrahydrofuran	0.056	0.054	-	3.6	20	87	0
Dibromofluoromethane	0.256	0.253	-	1.2	20	85	0
1,1,1-Trichloroethane	0.385	0.408	-	-6	20	92	0
2-Butanone	0.076	0.072	-	5.3	20	83	0
1,1-Dichloropropene	0.336	0.36	-	-7.1	20	92	0
Benzene	0.951	1.006	-	-5.8	20	88	0
tert-Amyl methyl ether	0.615	0.56	-	8.9	20	77	0
1,2-Dichloroethane-d4	0.289	0.287	-	0.7	20	87	0
1,2-Dichloroethane	0.318	0.323	-	-1.6	20	85	0
Methyl cyclohexane	0.419	0.454	-	-8.4	20	97	0
Trichloroethene	0.267	0.28	-	-4.9	20	91	0
Dibromomethane	0.135	0.13	-	3.7	20	82	0

\* Value outside of QC limits.



# Calibration Verification Summary

## Form 7

### Volatiles

Client : AEI Consultants  
 Project Name : NEW YORK, NY  
 Instrument ID : VOA101  
 Lab File ID : V01231229A01  
 Sample No : WG1869932-2  
 Channel :

Lab Number : L2375982  
 Project Number : 384736  
 Calibration Date : 12/29/23 08:04  
 Init. Calib. Date(s) : 12/15/23 12/15/23  
 Init. Calib. Times : 12:34 16:29

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.264	0.275	-	-4.2	20	87	0
Bromodichloromethane	0.323	0.329	-	-1.9	20	85	0
1,4-Dioxane	0.00152	0.00118*	-	22.4*	20	63	0
cis-1,3-Dichloropropene	0.379	0.373	-	1.6	20	82	0
Chlorobenzene-d5	1	1	-	0	20	82	0
Toluene-d8	1.178	1.238	-	-5.1	20	85	0
Toluene	0.738	0.813	-	-10.2	20	88	0
4-Methyl-2-pentanone	0.076	0.076	-	0	20	75	0
Tetrachloroethene	0.327	0.363	-	-11	20	89	0
trans-1,3-Dichloropropene	0.387	0.405	-	-4.7	20	83	0
Ethyl methacrylate	0.264	0.25	-	5.3	20	74	0
1,1,2-Trichloroethane	0.188	0.197*	-	-4.8	20	82	0
Chlorodibromomethane	0.273	0.269	-	1.5	20	78	0
1,3-Dichloropropane	0.371	0.393	-	-5.9	20	82	0
1,2-Dibromoethane	0.224	0.226	-	-0.9	20	79	0
2-Hexanone	0.143	0.129	-	9.8	20	74	0
Chlorobenzene	0.837	0.902	-	-7.8	20	86	0
Ethylbenzene	1.419	1.587	-	-11.8	20	88	0
1,1,1,2-Tetrachloroethane	0.301	0.313	-	-4	20	82	0
p/m Xylene	0.554	0.608	-	-9.7	20	87	0
o Xylene	0.539	0.58	-	-7.6	20	85	0
Styrene	0.882	0.947	-	-7.4	20	84	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	80	0
Bromoform	0.3	0.282	-	6	20	76	0
Isopropylbenzene	2.569	2.891	-	-12.5	20	89	0
4-Bromofluorobenzene	0.852	0.892	-	-4.7	20	84	0
Bromobenzene	0.614	0.651	-	-6	20	83	0
n-Propylbenzene	2.96	3.417	-	-15.4	20	92	0
1,4-Dichlorobutane	0.73	0.779	-	-6.7	20	84	0
1,1,2,2-Tetrachloroethane	0.478	0.489	-	-2.3	20	79	0
4-Ethyltoluene	2.497	2.817	-	-12.8	20	89	0
2-Chlorotoluene	1.754	1.984	-	-13.1	20	89	0
1,3,5-Trimethylbenzene	2.094	2.337	-	-11.6	20	88	0
1,2,3-Trichloropropane	0.366	0.37	-	-1.1	20	79	0
trans-1,4-Dichloro-2-buten	0.146	0.153	-	-4.8	20	80	0
4-Chlorotoluene	1.783	1.988	-	-11.5	20	86	0
tert-Butylbenzene	1.756	1.938	-	-10.4	20	88	0
1,2,4-Trimethylbenzene	2.037	2.228	-	-9.4	20	86	0
sec-Butylbenzene	2.514	2.871	-	-14.2	20	93	0
p-Isopropyltoluene	2.142	2.357	-	-10	20	89	0
1,3-Dichlorobenzene	1.141	1.232	-	-8	20	85	0
1,4-Dichlorobenzene	1.16	1.231	-	-6.1	20	84	0
p-Diethylbenzene	1.233	1.345	-	-9.1	20	88	0

\* Value outside of QC limits.



# Surrogate Recovery Summary

## Form 2

### Semivolatiles

Client: AEI Consultants  
Project Name: NEW YORK, NY

Lab Number: L2375982  
Project Number: 384736  
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 (2FP)	S2 (PHL)	S3 (NBZ)	S4 (FBP)	S5 (TBP)	S6 (TPH)	TOT OUT
MW-1 (L2375982-01D)	0*	0*	0*	0*	0*	0*	6
MW-2 (L2375982-02D)	88	49	75	86	123*	87	1
MW-3 (L2375982-03)	24	14	70	87	84	82	0
MW-4 (L2375982-04)	51	41	77	99	77	103	0
MW-5 (L2375982-05)	53	41	72	79	89	76	0
MW-6 (L2375982-06D)	54	50	73	74	79	71	0
FIELD BLANK (L2375982-07)	47	42	70	74	76	81	0
FIELD BLANK (L2375982-07RE)	72	56	80	82	86	91	0
WG1868347-1BLANK	53	40	69	75	73	80	0
WG1868347-2LCS	58	45	67	81	88	77	0
WG1868347-3LCSD	60	51	82	84	104	88	0
WG1869727-1BLANK	61	52	69	70	76	73	0
WG1869727-2LCS	65	55	68	67	82	64	0
WG1869727-3LCSD	51	43	55	54	70	54	0

#### QC LIMITS

(21-120) 2FP = 2-FLUOROPHENOL  
 (10-120) PHL = PHENOL-D6  
 (23-120) NBZ = NITROBENZENE-D5  
 (15-120) FBP = 2-FLUOROBIPHENYL  
 (10-120) TBP = 2,4,6-TRIBROMOPHENOL  
 (41-149) TPH = 4-TERPHENYL-D14

\* Values outside of QC limits

FORM II NYTCL-8270-LVI





## Laboratory Control Sample Summary Form 3 Semivolatiles

**Client** : AEI Consultants **Lab Number** : L2375982  
**Project Name** : NEW YORK, NY **Project Number** : 384736  
**Matrix (Level)** : WATER (LOW)  
**LCS Sample ID** : WG1868347-2 **Analysis Date** : 12/27/23 22:34 **File ID** : 868347-2  
**LCSD Sample ID** : WG1868347-3 **Analysis Date** : 12/27/23 22:56 **File ID** : 868347-3

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/l)	Found (ug/l)	%R	True (ug/l)	Found (ug/l)	%R			
2,4,6-Trichlorophenol	18	15.	84	18	17.	93	10	30-130	30
p-Chloro-m-cresol	18	13.	70	18	14.	76	8	23-97	30
2-Chlorophenol	18	12.	66	18	13.	74	11	27-123	30
2,4-Dichlorophenol	18	14.	76	18	15.	85	11	30-130	30
2,4-Dimethylphenol	18	8.6	48	18	9.2	51	6	30-130	30
2-Nitrophenol	18	15.	84	18	16.	89	6	30-130	30
4-Nitrophenol	18	11.	61	18	12.	65	6	10-80	30
2,4-Dinitrophenol	18	20.	108	18	22.	121	11	20-130	30
4,6-Dinitro-o-cresol	18	21.	117	18	22.	123	5	20-164	30
Pentachlorophenol	18	16.	88	18	18.	100	13	9-103	30
Phenol	18	7.5	41	18	8.5	47	14	12-110	30
2-Methylphenol	18	10.	57	18	12.	65	13	30-130	30
3-Methylphenol/4-Methylphenol	18	11.	59	18	11.	62	5	30-130	30
2,4,5-Trichlorophenol	18	15.	85	18	17.	95	11	30-130	30
Benzoic Acid	18	9.7	53	18	11.	59	11	10-164	30
Benzyl Alcohol	18	11.	58	18	12.	66	13	26-116	30
Carbazole	18	13.	73	18	15.	81	10	55-144	30



# Calibration Verification Summary

## Form 7

### Semivolatiles

Client : AEI Consultants  
 Project Name : NEW YORK, NY  
 Instrument ID : DAKOTA  
 Lab File ID : ABN1227  
 Sample No : WG1868303-3  
 Channel :

Lab Number : L2375982  
 Project Number : 384736  
 Calibration Date : 12/27/23 21:04  
 Init. Calib. Date(s) : 11/29/23 11/30/23  
 Init. Calib. Times : 23:46 15:55

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	81	0
n-Nitrosodimethylamine	0.868	0.78	-	10.1	20	81	0
Pyridine	1.519	1.288	-	15.2	20	80	0
2-Fluorophenol	1.101	1.08	-	1.9	20	88	0
Aniline	2.013	1.706	-	15.3	20	76	0
2-Chlorophenol	1.201	1.127	-	6.2	20	85	0
Phenol-d6	1.457	1.421	-	2.5	20	84	0
Phenol	1.683	1.363	-	19	20	72	0
Bis(2-chloroethyl)ether	1.153	1.047	-	9.2	20	80	0
1,3-Dichlorobenzene	1.458	1.441	-	1.2	20	88	0
1,4-Dichlorobenzene	1.477	1.465	-	0.8	20	91	0
1,2-Dichlorobenzene	1.385	1.443	-	-4.2	20	88	0
Benzyl alcohol	1.124	0.97	-	13.7	20	78	0
Bis(2-chloroisopropyl)ethe	1.886	1.572	-	16.6	20	76	0
2-Methylphenol	1.116	1.006	-	9.9	20	78	0
Hexachloroethane	0.582	0.586	-	-0.7	20	92	0
n-Nitrosodi-n-propylamine	1.051	0.859	-	18.3	20	73	0
3-Methylphenol/4-Methylphe	1.195	1.049	-	12.2	20	78	0
Nitrobenzene-d5	1.331	1.276	-	4.1	20	85	0
Nitrobenzene	1.372	1.228	-	10.5	20	81	0
Isophorone	2.658	2.123	-	20.1*	20	71	0
2-Nitrophenol	5	5.516	-	-10.3	20	104	0
2,4-Dimethylphenol	1.257	1.109	-	11.8	20	80	0
Bis(2-chloroethoxy)methane	1.621	1.393	-	14.1	20	77	0
2,4-Dichlorophenol	1.14	1.158	-	-1.6	20	92	0
1,2,4-Trichlorobenzene	1.361	1.416	-	-4	20	91	0
IS1_Naphthalene-d8	1	1	-	0	20	78	0
Naphthalene	0.95	0.968	-	-1.9	20	84	0
Benzoic Acid	5	6.209	-	-24.2*	20	122	0
4-Chloroaniline	0.15	0.129	-	14	20	73	0
Hexachlorobutadiene	0.212	0.247	-	-16.5	20	100	0
p-Chloro-m-cresol	0.309	0.287	-	7.1	20	78	0
2-Methylnaphthalene	0.682	0.713	-	-4.5	20	86	0
1-Methylnaphthalene	0.238	0.221	-	7.1	20	81	0
Hexachlorocyclopentadiene	0.262	0.323	-	-23.3*	20	103	0
2,4,6-Trichlorophenol	0.266	0.291	-	-9.4	20	95	0
2,4,5-Trichlorophenol	0.288	0.317	-	-10.1	20	91	0
2-Fluorobiphenyl	0.872	0.924	-	-6	20	86	0
2-Chloronaphthalene	0.77	0.8	-	-3.9	20	87	0
2-Nitroaniline	5	4.916	-	1.7	20	89	0
1,4-Dinitrobenzene	5	6.101	-	-22*	20	119	0
1,3-Dinitrobenzene	5	5.527	-	-10.5	20	105	0
Dimethyl phthalate	0.966	0.961	-	0.5	20	80	0

\* Value outside of QC limits.



# Calibration Verification Summary

## Form 7

### Semivolatiles

Client : AEI Consultants  
 Project Name : NEW YORK, NY  
 Instrument ID : DAKOTA  
 Lab File ID : AP91227  
 Sample No : WG1868303-4  
 Channel :

Lab Number : L2375982  
 Project Number : 384736  
 Calibration Date : 12/27/23 21:27  
 Init. Calib. Date(s) : 11/29/23 11/30/23  
 Init. Calib. Times : 23:46 15:55

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS2_1,4-Dichlorobenzene-d4	1	1	-	0	20	93	0
Benzaldehyde	1.04	0.851	-	18.2	20	80	0
Acetophenone	1.764	1.349	-	23.5*	20	75	0
m-Toluidine	1.611	1.355	-	15.9	20	75	0
2-Chloroaniline	1.476	1.225	-	17	20	83	0
IS2_Naphthalene-d8	1	1	-	0	20	86	0
a-Terpineol	0.289	0.228	-	21.1*	20	70	0
3-Chloroaniline	0.159	0.132	-	17	20	76	0
2,6-Dichlorophenol	0.292	0.293	-	-0.3	20	89	0
1-chloro-2-nitrobenzene	0.128	0.13	-	-1.6	20	89	0
Caprolactam	0.173	0.133	-	23.1*	20	67	0
1,2,4,5-Tetrachlorobenzene	0.395	0.425	-	-7.6	20	98	0
Biphenyl	0.898	0.841	-	6.3	20	83	0
IS2_Acenaphthene-d10	1	1	-	0	20	85	0
Dichloran	5	5.692	-	-13.8	20	99	0
Pentachloronitrobenzene	0.169	0.204	-	-20.7*	20	104	0
IS2_Phenanthrene-d10	1	1	-	0	20	94	0
Diphenamid	0.48	0.384	-	20	20	73	0

\* Value outside of QC limits.



# Surrogate Recovery Summary

## Form 2

### Semivolatiles

Client: AEI Consultants  
Project Name: NEW YORK, NY

Lab Number: L2375982  
Project Number: 384736  
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 (2FP)	S2 (PHL)	S3 (NBZ)	S4 (FBP)	S5 (TBP)	S6 (TPH)	TOT OUT
MW-1 (L2375982-01D)	44	194*	585*	86	13	89	2
MW-2 (L2375982-02)	33	64	126*	97	133*	86	2
MW-3 (L2375982-03)	20*	15	86	85	73	77	1
MW-4 (L2375982-04)	46	46	90	75	51	89	0
MW-5 (L2375982-05)	55	53	105	76	71	84	0
MW-6 (L2375982-06D)	93	99	168*	105	134*	123	2
FIELD BLANK (L2375982-07)	59	54	93	71	67	76	0
FIELD BLANK (L2375982-07RE)	62	51	88	89	101	95	0
WG1868351-1BLANK	57	45	81	77	91	74	0
WG1868351-2LCS	66	55	85	78	103	73	0
WG1868351-3LCSD	69	58	89	79	108	78	0
WG1869729-1BLANK	49	43	68	72	77	75	0
WG1869729-2LCS	60	52	69	68	92	64	0
WG1869729-3LCSD	48	41	55	55	76	53	0

#### QC LIMITS

(21-120) 2FP = 2-FLUOROPHENOL  
 (10-120) PHL = PHENOL-D6  
 (23-120) NBZ = NITROBENZENE-D5  
 (15-120) FBP = 2-FLUOROBIPHENYL  
 (10-120) TBP = 2,4,6-TRIBROMOPHENOL  
 (41-149) TPH = 4-TERPHENYL-D14

\* Values outside of QC limits

FORM II NYTCL-8270-SIM-LVI



**Results Summary**  
**Form 1**  
**Semivolatile Organics by GC/MS-SIM**

Client : AEI Consultants  
 Project Name : NEW YORK, NY  
 Lab ID : L2375982-07  
 Client ID : FIELD BLANK  
 Sample Location : 4778 BROADWAY  
 Sample Matrix : WATER  
 Analytical Method : 1,8270E-SIM  
 Lab File ID : 75982-07  
 Sample Amount : 275 ml  
 Extraction Method : EPA 3510C  
 Extract Volume : 1000 uL  
 GPC Cleanup : N

Lab Number : L2375982  
 Project Number : 384736  
 Date Collected : 12/21/23 14:15  
 Date Received : 12/22/23  
 Date Analyzed : 12/30/23 14:45  
 Date Extracted : 12/27/23  
 Dilution Factor : 1  
 Analyst : JJW  
 Instrument ID : SV125  
 GC Column : RXI-5SiIM  
 %Solids : N/A  
 Injection Volume : 1 uL

CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	0.02	0.10	0.01	J
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.02	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	0.30	0.10	0.05	
56-55-3	Benzo(a)anthracene	0.03	0.10	0.02	J
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	ND	0.10	0.01	U
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	ND	0.10	0.01	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	0.04	0.10	0.01	J
85-01-8	Phenanthrene	0.04	0.10	0.02	J
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	ND	0.10	0.02	U
91-57-6	2-Methylnaphthalene	0.21	0.10	0.02	
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U



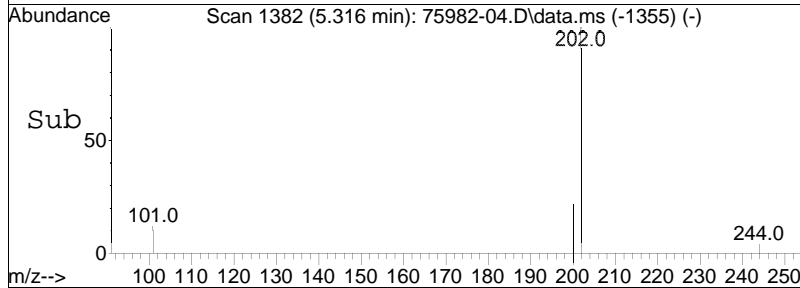
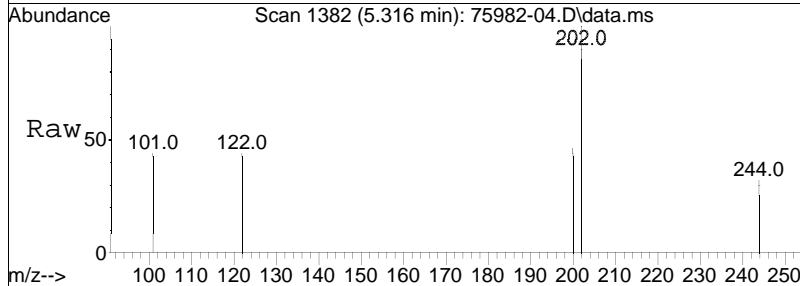
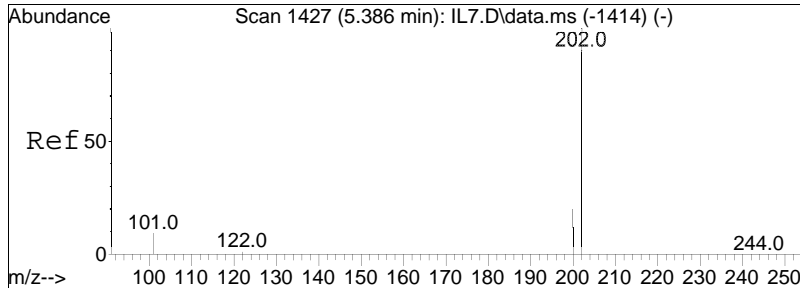
**Results Summary**  
**Form 1**  
**Semivolatile Organics by GC/MS-SIM**

Client : AEI Consultants  
 Project Name : NEW YORK, NY  
 Lab ID : L2375982-07RE  
 Client ID : FIELD BLANK  
 Sample Location : 4778 BROADWAY  
 Sample Matrix : WATER  
 Analytical Method : 1,8270E-SIM  
 Lab File ID : 75982-07  
 Sample Amount : 275 ml  
 Extraction Method : EPA 3510C  
 Extract Volume : 1000 uL  
 GPC Cleanup : N

Lab Number : L2375982  
 Project Number : 384736  
 Date Collected : 12/21/23 14:15  
 Date Received : 12/22/23  
 Date Analyzed : 01/02/24 09:42  
 Date Extracted : 12/30/23  
 Dilution Factor : 1  
 Analyst : JJW  
 Instrument ID : SV119  
 GC Column : RXI-5SiLM  
 %Solids : N/A  
 Injection Volume : 1 uL

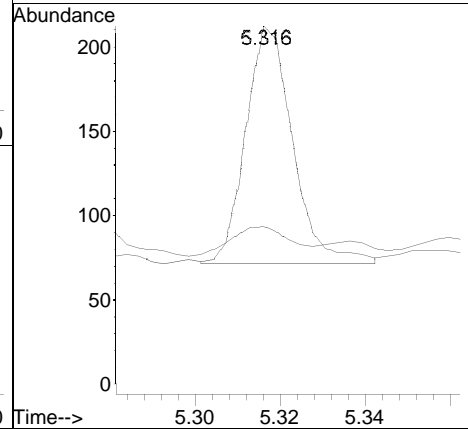
CAS NO.	Parameter	ug/L			Qualifier
		Results	RL	MDL	
83-32-9	Acenaphthene	ND	0.10	0.01	U
91-58-7	2-Chloronaphthalene	ND	0.20	0.02	U
206-44-0	Fluoranthene	ND	0.10	0.02	U
87-68-3	Hexachlorobutadiene	ND	0.50	0.05	U
91-20-3	Naphthalene	0.30	0.10	0.05	
56-55-3	Benzo(a)anthracene	ND	0.10	0.02	U
50-32-8	Benzo(a)pyrene	ND	0.10	0.02	U
205-99-2	Benzo(b)fluoranthene	ND	0.10	0.01	U
207-08-9	Benzo(k)fluoranthene	ND	0.10	0.01	U
218-01-9	Chrysene	ND	0.10	0.01	U
208-96-8	Acenaphthylene	ND	0.10	0.01	U
120-12-7	Anthracene	ND	0.10	0.01	U
191-24-2	Benzo(ghi)perylene	ND	0.10	0.01	U
86-73-7	Fluorene	ND	0.10	0.01	U
85-01-8	Phenanthrene	ND	0.10	0.02	U
53-70-3	Dibenzo(a,h)anthracene	ND	0.10	0.01	U
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.10	0.01	U
129-00-0	Pyrene	ND	0.10	0.02	U
91-57-6	2-Methylnaphthalene	0.21	0.10	0.02	
87-86-5	Pentachlorophenol	ND	0.80	0.01	U
118-74-1	Hexachlorobenzene	ND	0.80	0.01	U
67-72-1	Hexachloroethane	ND	0.80	0.06	U

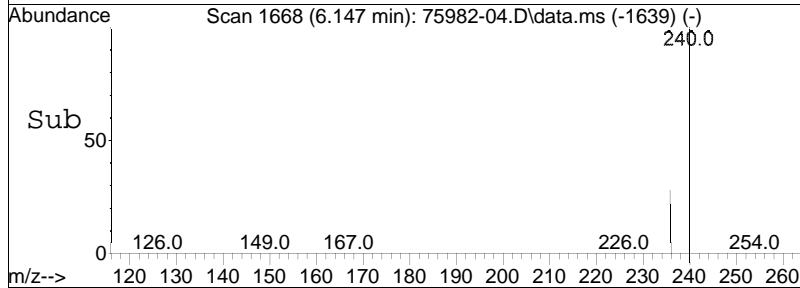
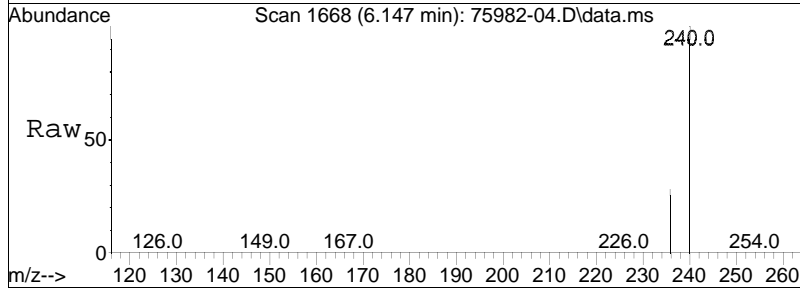
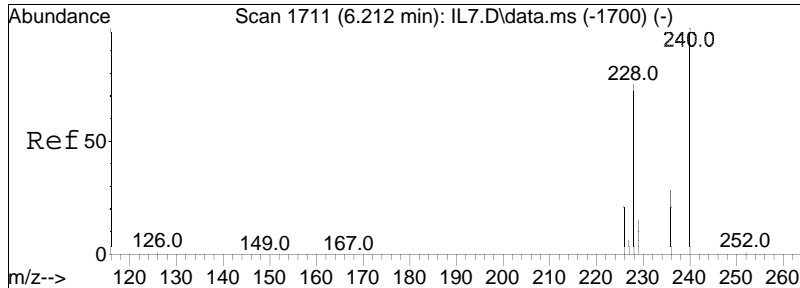




#29  
 Fluoranthene  
 Concen: 2.77 ng/ml M4  
 RT: 5.316 min Scan# 1382  
 Delta R.T. -0.003 min  
 Lab File: 75982-04.D  
 Acq: 30 Dec 2023 04:55 pm

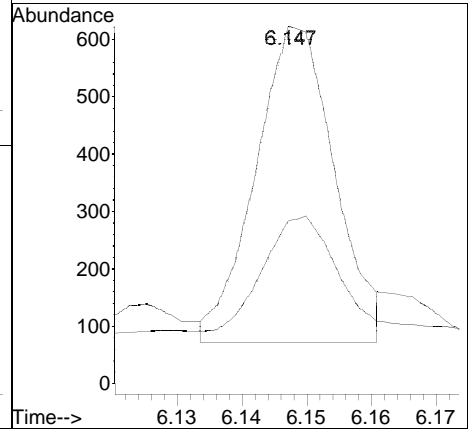
Tgt Ion	Resp	Lower	Upper
202	107		
101	15.0	7.8	11.8#



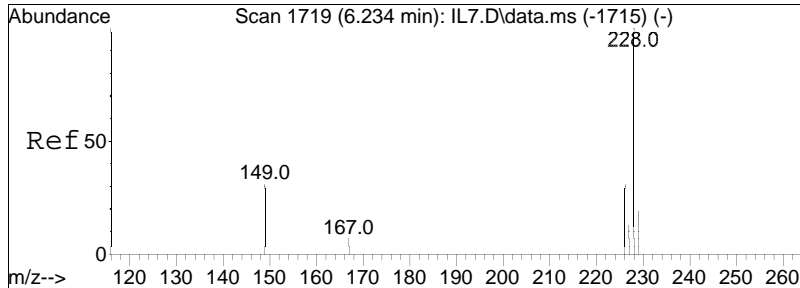


#33  
 Benzo[a]anthracene  
 Concen: 5.93 ng/ml M6  
 RT: 6.147 min Scan# 1668  
 Delta R.T. 0.000 min  
 Lab File: 75982-04.D  
 Acq: 30 Dec 2023 04:55 pm

Tgt Ion	Resp	Lower	Upper
228	100		
229	36.7	15.6	23.4#

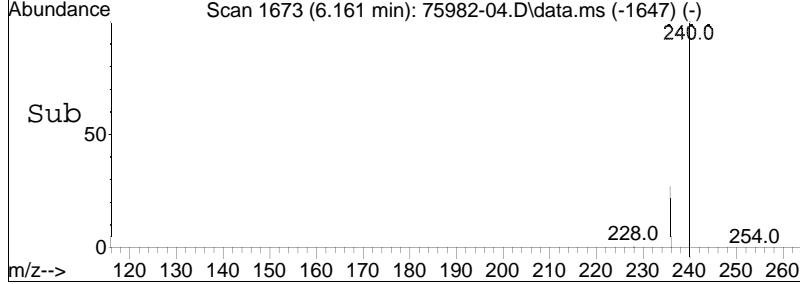
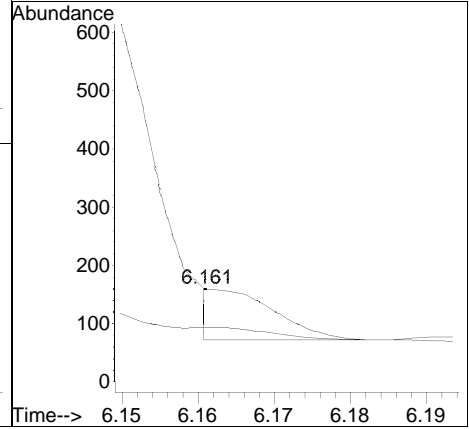
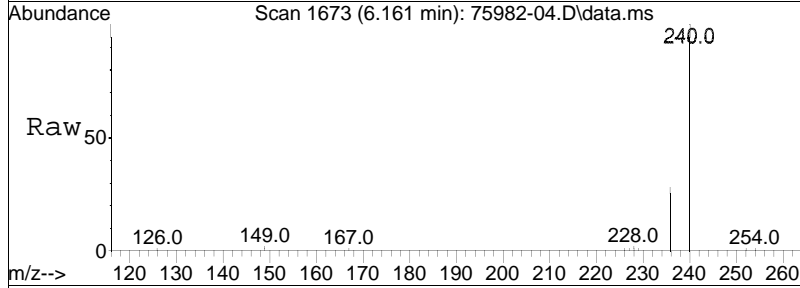






#35  
 Chrysene  
 Concen: 1.11 ng/ml M3  
 RT: 6.161 min Scan# 1673  
 Delta R.T. -0.008 min  
 Lab File: 75982-04.D  
 Acq: 30 Dec 2023 04:55 pm

Tgt Ion	Resp	Lower	Upper
228	100		
226	38.3	24.2	36.2#



# Calibration Verification Summary

## Form 7

### Semivolatiles

Client : AEI Consultants  
 Project Name : NEW YORK, NY  
 Instrument ID : SV125  
 Lab File ID : CCV1229  
 Sample No : WG1869425-3  
 Channel :

Lab Number : L2375982  
 Project Number : 384736  
 Calibration Date : 12/29/23 09:30  
 Init. Calib. Date(s) : 10/26/23 10/26/23  
 Init. Calib. Times : 13:22 15:47

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dichlorobenzene-d4	1	1	.05	0	20	68	0
2-Fluorophenol	1.015	1.072	.05	-5.6	20	69	0
Phenol-d6	1.174	1.272	.05	-8.3	20	72	0
Bis(2-chloroethyl)ether	1.058	1.079	.05	-2	20	67	0
n-nitrosodi-n-propylamine	0.64	0.733	.05	-14.5	20	77	0
Hexachloroethane	0.48	0.466	.05	2.9	20	66	0
Nitrobenzene-d5	0.912	1.083	.05	-18.7	20	77	0
Naphthalene-d8	1	1	.05	0	20	71	0
Naphthalene	1.004	0.97	.05	3.4	20	68	0
Hexachlorobutadiene	0.181	0.163	.05	9.9	20	64	0
2-Methylnaphthalene	0.645	0.637	.05	1.2	20	70	0
1-Methylnaphthalene	0.601	0.627	.05	-4.3	20	73	0
2-Fluorobiphenyl	0.766	0.759	.05	0.9	20	69	0
2-Chloronaphthalene	0.66	0.657	.05	0.5	20	71	0
2,6-Dinitrotoluene	1000	1216.618	.05	-21.7*	20	107	0
Acenaphthylene	0.971	1.105	.05	-13.8	20	79	0
Acenaphthene-d10	1	1	.05	0	20	80	0
Acenaphthene	1.298	1.189	.05	8.4	20	73	0
2,4-Dinitrotoluene	1000	1276.047	.05	-27.6*	20	115	0
Fluorene	1.369	1.357	.05	0.9	20	77	0
2,4,6-Tribromophenol	1000	1091.072	.05	-9.1	20	93	0
Phenanthrene-d10	1	1	.05	0	20	80	0
4,6-Dinitro-o-cresol	1000	1223.36	.05	-22.3*	20	112	0
Hexachlorobenzene	0.231	0.201	.05	13	20	69	0
Pentachlorophenol	1000	931.287	.05	6.9	20	72	0
Phenanthrene	0.998	0.978	.05	2	20	78	0
Anthracene	0.934	0.96	.05	-2.8	20	81	0
Fluoranthene	1.097	1.175	.05	-7.1	20	85	0
Pyrene	1.15	1.232	.05	-7.1	20	84	0
4-Terphenyl-d14	0.765	0.777	.05	-1.6	20	78	0
Chrysene-d12	1	1	.05	0	20	81	0
Benzo[a]anthracene	1000	1032.484	.05	-3.2	20	88	0
3,3'-Dichlorobenzene	0.421	0.474	.05	-12.6	20	97	0
Chrysene	1.286	1.179	.05	8.3	20	75	0
Bis(2-ethylhexyl)phthalate	1000	1566.814	.05	-56.7*	20	152	0
Perylene-d12	1	1	.05	0	20	75	0
Benzo[b]fluoranthene	1.078	1.269	.05	-17.7	20	87	0
Benzo[k]fluoranthene	1.069	1.071	.05	-0.2	20	69	0
Benzo[a]pyrene	0.945	0.997	.05	-5.5	20	76	0
Indeno[1,2,3-cd]pyrene	0.984	0.997	.05	-1.3	20	76	0
Dibenzo[a,h]anthracene	0.951	0.994	.05	-4.5	20	74	0
Benzo[g,h,i]perylene	1.064	0.987	.05	7.2	20	67	0

\* Value outside of QC limits.



June 18, 2024

Mr. David Grupp  
AEI Consultants  
20 Gibson Place  
Freehold, New Jersey 07728

Re: Data Usability Summary Report – Alpha Analytical

Dear Mr. Grupp:

The evaluation of analytical data prepared by Alpha Analytical for the soil samples collected from the 4778 Broadway site, which were reported under Job Nos. L2300576, L2302543, L2303119, L2305781, L2310213, L2311267, L2311615 and L2317355 has been completed. In accordance with the Remedial Action Workplan (RAWP), data validation was performed on five percent (5%) of the sample data, or on one sample from each sample delivery group (SDG), whichever is greater. The Stage 2B validation was performed on one sample (**bolded** below) from each SDG.

L2300576

C1-SW-S      **C2-SW-S**      C2-SW-E

L2302543

**A6-SW-N**      A6-SW-E      B6-SW-E  
A6-PB      B6-PB      A5-PB  
B5-PB

L2303119

C6-PB      C5-PB      C6-SW-E  
C6-SW-S      **C5-SW-S**

L2305781

A4-PB      B4-PB      C4-PB  
**C4-JW-S**

L2310213

A3-PB      B3-PB      C3-PB  
**C3-SW-S**

L2311267

**A2-PB**      B2-PB      C2-PB  
A1-PB      B1-PB      A1-SW-W  
B1-SW-W

L2311615

**C1-PB**      C1-SW-W

L2317355

C3-PB-S-6.0-6.5      **C4-PB-S-6.0-6.5**  
C5-PB-S-6.0-6.5      C6-PB-S-6.0-6.5  
C3-SW-S-10.0-10.5      C4-SW-S-10.0-10.5  
C5-SW-S-10.0-10.5      C6-SW-S-10.0-10.5

Analyses were performed in accordance with SW846 8260D (Volatile Organics) and 8270E (Semi-Volatile Organics). The review was performed, to the extent possible, in accordance with the analytical methods and “DER-10/Technical Guidance for Site Investigation and Remediation”. Professional judgment is applied as necessary and appropriate. Qualifiers consistent with those defined by EPA Region 2 are applied as necessary and appropriate.

Below is the Data Usability Summary Report (DUSR) associated with these samples.

Data Usability Summary Report	
1. Is the data package complete as defined under the requirements for the most current DEC ASP Category B or USEPA CLP data deliverables?	Yes
2. Have all holding times been met?	Yes
3. Do all the QC data; blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls and sample data fall within the protocol required limits and specifications?	No – See Following Sections
4. Have all of the data been generated using established and agreed upon analytical protocols?	Yes
5. Does an evaluation of the raw data confirm the results provided in the data summary sheet and the quality control verification forms?	Yes
6. Have the correct data qualifiers been used and are they consistent with the most current DEC ASP?	Yes
7. Have any quality control (QC) exceedances been specifically noted in the DUSR and have the corresponding QC summary sheet from the data package been attached to the DUSR?	Yes

### Overall Evaluation

Based on the data review effort, results are usable, with the following qualifications. For samples that are qualified as estimated (J-, UJ), detected results may be biased low. False negatives may exist in non-detect results. Sample results that are qualified as estimated (J+) may be biased high. For samples that are qualified as estimated with any combination of (J), (J-) and/or (J+), the (J) qualifier takes precedence and is applied to the sample result. It is not possible to determine the direction of the bias and the overall effect on the result. Where a sample result is rejected (R), the (R) qualifier takes precedence over any previous qualification.

### Volatile Organics:

- The results for all volatile organic target analytes in C4-PB-S-6.0-6.5 are qualified as estimated (J-, UJ) because the sample container was received broken.
- The following sample results are qualified as estimated (UJ) due to high percent difference in the second source initial calibration verification (ICV) standard.
  - Dichlorodifluoromethane and carbon disulfide in C2-SW-S
  - Carbon disulfide in A6-SW-N.

- Ethyl ether and carbon disulfide in C5-SW-S.
  - Ethyl ether and carbon disulfide in C4-JW-S.
  - Acetone in C3-SW-S.
  - Dichlorodifluoromethane and carbon disulfide in C1-PB.
  - Vinyl chloride in C4-PB-S-6.0-6.5.
- The following results are qualified as estimated (J-, UJ) due to low response in the continuing calibration verification (CCV) standard.
    - 1,2-Dibromo-3-chloropropane in C2-SW-S and C1-PB.
    - Dichlorodifluoromethane, chloromethane, vinyl chloride, 1,1-dichloroethene and chloroform in C5-SW-5.
    - Vinyl chloride, chloroethane, ethyl ether, carbon disulfide, methylene chloride, and 1,2,3-trichloropropane in C5-SW-S.
    - Bromochloromethane, carbon tetrachloride, 1,2-dibromo-3-chloropropane and hexachlorobutadiene in A2-PB.
    - Dichlorodifluoromethane, chloromethane, carbon disulfide, acetone, 2-butanone, 4-methyl-2-pentanone, 2-hexanone and trans-1,4-dichloro-2-butene in C4-PB-S-6.0-6.5.
  - The results for benzene, toluene, ethylbenzene, styrene, n-butylbenzene, sec-butylbenzene, tert-butylbenzene, Isopropylbenzene, p-isopropyltoluene, naphthalene, n-propylbenzene, 1,3,5-trimethylbenzene, 1,2, 4-trimethylbenzene, p-diethylbenzene, p-ethyltoluene, 1,2,4,5-tetramethylbenzene in C1-PB are qualified as estimated (J+) due to high surrogate recovery.

Semi-Volatile Organics:

- The following sample results are qualified as estimated (UJ) due to high percent difference in the ICV.
  - Benzo(b)fluoranthene and 1,4-dioxane in A2-PB
- The following sample results are qualified as estimated (UJ) due to low response in the CCV.
  - bis(2-Chloroisopropyl)ether, 2,4-dimethylphenol and hexachlorocyclopentadiene in C2-SW-S.
  - Hexachlorocyclopentadiene in C1-PB.
- The results for all non-detected target acid extractables (2,4,6-trichlorophenol, p-chloro-m-cresol, 2-chlorophenol, 2,4-dichlorophenol, 2,4-dimethylphenol, 2-nitrophenol, 4-nitrophenol, 2,4-dinitrophenol, 4,6-dinitro-o-cresol, pentachlorophenol, phenol, 2-methylphenol, 3&4-methylphenol, 2,4,5-trichlorophenol and benzyl alcohol) in C2-SW-S are rejected (R) because two of the three acid surrogates exhibited recoveries less than 10%R.
- The results for bis(2-chloroethyl)ether, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2-dichlorobenzene, bis(2-chloroisopropyl) ether, hexachloroethane, n-nitrosodi-n-propylamine, nitrobenzene, isophorone, bis(2-chloroethoxy)methane, 1,2,4-trichlorobenzene, naphthalene, 4-chloroaniline, hexachlorobutadiene, 2-methylnaphthalene and hexachlorocyclopentadiene in C5-SW-S are qualified as estimated

(J-, UJ) due to low surrogate recovery.

- The results for bis(2-chloroethyl)ether, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2-dichlorobenzene, bis(2-chloroisopropyl) ether, hexachloroethane, n-nitrosodi-n-propylamine, nitrobenzene, isophorone, bis(2-chloroethoxy)methane, 1,2,4-trichlorobenzene, naphthalene, 4-chloroaniline, hexachlorobutadiene, 2-methylnaphthalene and hexachlorocyclopentadiene in C3-SW-S are qualified as estimated (J-, UJ) due to low surrogate recovery.
- The results for all acid extractables except pentachlorophenol and 4,6-dinitro-o-cresol in C5-SW-S are qualified as estimated (UJ) due to low surrogate recovery.
- The results for pentachlorophenol and 4,6-dinitro-o-cresol in C1-PB are qualified as estimated (UJ) due to low surrogate recovery.
- The following sample results are qualified as estimated (UJ) due to low recoveries in the laboratory control sample (LCS) and/or LCS duplicate (LCSD).
  - bis(2-Chloroisopropyl)ether, 4-chloroaniline, 3-nitroaniline and 1,4-dioxane in C5-SW-S.
  - 4-Chloroaniline, 3-nitroaniline and benzoic acid in C4-JW-S.
  - bis(2-Chloroisopropyl)ether, 4-Chloroaniline and 1,4-dioxane in C3-SW-S.
  - 3,3'-Dichlorobenzidine, hexachlorocyclopentadiene, 3-nitroaniline, benzoic acid and 1,4-dioxane in C1-PB.
  - Benzoic acid in A2-PB.
- The result for benzoic acid in C3-SW-S is rejected (R) because it did not recover in the LCS and LCSD.
- The results for bis(2-chloroethyl)ether, 1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 3,3'-dichlorobenzidine, bis(2-chloroisopropyl)ether, hexachlorobutadiene, hexachloroethane, benzo(b)fluoranthene, chrysene, benzo(ghi)perylene, dibenzo(a,h)anthracene and 4-chloroaniline in C4-PB-S-6.0-6.5 are qualified as estimated (J, UJ) due low LCSD recovery and imprecision in the LCS and LCSD.
- The results for acenaphthene, fluoranthene, naphthalene, benzo(a)anthracene, benzo(a)pyrene, anthracene, fluorene, phenanthrene, indeno(1,2,3-cd)pyrene, pyrene, benzoic acid and carbazole in C4-PB-S-6.0-6.5 are qualified as estimated (J) due to imprecision in the LCS and LCSD.

Qualifier definitions are provided in Attachment A. A copy of the chain of custody record is provided in Attachment B. Pages from the data package illustrating the exceedances and issues described in this validation report are included as Attachment C.

The following components were reviewed, where applicable:

- Chain of Custody
- Receiving conditions
- Holding times
- Preservation
- Analyte lists
- Reporting limits
- Requested methods
- Units, and
- Sample related quality control data:
  - Method blanks
  - Field blanks
  - Trip Blanks
  - Surrogate recoveries
  - LCS/LCSD recoveries
  - MS/MSD recoveries
  - Internal standards
  - Serial dilutions
  - Duplicates
- Instrument related quality control data:
  - Instrument tunes
  - Calibration summaries
  - Interference Check Standards

In the remaining sections of this report, only those quality excursions resulting in qualified data are discussed below. Quality control excursions having no impact on sample results are not discussed.

**Documentation:** A completeness review of the data package was performed, and the data package was determined to be a complete Category B data package.

Improper edits were observed on the chain of custody (COC) in SDGs L2302543, L2305781, L2311617, L2317355. Edits should be made by drawing a single line through the incorrect entry, dated and initialed by the person making the edit.

***Holding Times, Preservation, Sample Integrity:***

A copy of the applicable chain of custody (COC) records was included in the data packages, documenting sample collection dates as follows.

<b>SDG</b>	<b>Sample collection Date</b>	<b>Sample Receipt Date</b>
L2300576	1/5/2023	1/5/2023
L2302543	1/16/2023	1/16/2023
L2303119	1/18/2023	1/18/2023
L2305781	2/2/2023	2/2/2023
L2310213	2/27/2023	2/27/2023
L2311267	3/2/2023	3/3/2023

L2311615	3/6/2023	3/6/2023
L2317355	4/3/2023	4/3/2023

All samples were properly preserved and analyzed within the method holding time, with the exception of C4-PB-S-6.0-6.5 in SDG L2317355. The case narrative indicates the volatile organic sample container was received at the laboratory broken, however there was sufficient sample remaining to perform the analysis. Since the integrity of the sample was compromised and the potential for loss of volatile analytes exists, the results for all volatile organic target analytes in C4-PB-S-6.0-6.5 are qualified as estimated (J-, UJ).

**1. SDG L2300576**

***Volatile Organics***

***a. Calibration***

All relative response factors (RRFs) and relative standard deviations (RSDs) or correlation coefficients were acceptable in the initial calibration (IC) associated with sample C2-SW-S. A second source initial calibration verification standard (ICV) was analyzed following the IC and the percent differences are acceptable ( $\leq 30\%D$ ), with the following exceptions:

Instr.	ICV	Analyte	%D	Affected Sample
VOA123	11/17/23	Dichlorodifluoromethane	36.0	C2-SW-S
	21:39	Carbon disulfide	44.2	

The results for dichlorodifluoromethane and carbon disulfide in C2-SW-S are qualified as estimated (UJ) due to high percent difference in the ICV.

Continuing calibrations verification (CCV) standards were analyzed at the appropriate frequency and all RRFs and %D are acceptable ( $\%D \leq 20$ ), with the exceptions noted below. Where the %D represents an increase in instrument sensitivity and the analyte is not detected in the associated sample, no qualification of sample results is warranted. These are not detailed below.

Instr.	CCV	Analyte	%D	Affected Sample
VOA123	1/9/24 07:23	1,2-Dibromo-3-chloropropane	25.2	C2-SW-S

The percent difference represents a decrease in instrument sensitivity. The result for 1,2-dibromo-3-chloropropane in C2-SW-S is qualified as estimated (UJ) due to low response in the CCV.

***Semi-Volatile Organics***

***a. Calibration***

All relative response factors (RRFs) and relative standard deviations (RSDs) or correlation coefficients were acceptable in the initial calibration (IC) associated with sample C2-SW-S. A second source initial calibration verification standard was analyzed following each IC and the percent differences are



acceptable ( $\leq 30\%D$ ). Continuing calibrations verification (CCV) standards were analyzed at the appropriate frequency and all RRFs and %D are acceptable ( $\%D \leq 20$ ), with the exceptions noted below. Where the %D represents an increase in instrument sensitivity and the analyte is not detected in the associated sample, no qualification of sample results is warranted. These are not detailed below.

Instr.	CCV	Analyte	%D	Affected Sample
Juliet	1/11/24 21:36	bis(2-Chloroisopropyl)ether	24.6	C2-SW-S
		2,4-Dimethylphenol	22.4	
		Hexachlorocyclopentadiene	25.4	

The percent differences represent a decrease in instrument sensitivity. The results for bis(2-chloroisopropyl)ether, 2,4-dimethylphenol and hexachlorocyclopentadiene in C2-SW-5 are qualified as estimated (UJ) due to low response in the CCV.

### ***b. Surrogates***

The laboratory lower control limits for the surrogates are excessively low. A control limit of 50-130%R was used for validation. All surrogate recoveries are within acceptance limits with the exceptions noted below.

Sample	2FP	PHL	NBZ	FBP	TBP	TPHL
C2-SW-S	8	45	a	a	3	a
C2-SW-S (RE)	10	47	a	a	5	a

a=acceptable

The results for all non-detected target acid extractables (2,4,6-trichlorophenol, p-chloro-m-cresol, 2-chlorophenol, 2,4-dichlorophenol, 2,4-dimethylphenol, 2-nitrophenol, 4-nitrophenol, 2,4-dinitrophenol, 4,6-dinitro-o-cresol, pentachlorophenol, phenol, 2-methylphenol, 3&4-methylphenol, 2,4,5-trichlorophenol and benzyl alcohol) in C2-SW-S are rejected (R) because two of the three acid surrogates exhibited recoveries less than 10%R. C2-SW-S was re-extracted with similar surrogate recoveries, suggesting matrix interference.

### ***c. Laboratory Control Sample (LCS) / LCS Duplicate (LCSD)***

The laboratory control limits are excessively low and the control limit for relative percent difference (RPD) of 50 for an LCS/LCSD is excessively high. A control limit of 50-130%R and LCS/LCSD relative percent difference (RPD) of  $\leq 20$  was used for validation. All recoveries and RPDs are acceptable with the exceptions noted below. Where a recovery is high and the analyte is not detected in the associated sample, no qualification of sample results is warranted. These are not detailed below.

Analyte	LCS %R	LCSD %R	RPD	Affected Sample
<i>WG1732353-2 &amp; 3</i>				
bis(2-Chloroisopropyl)ether	41	46	a	C2-SW-S (RE)
Hexachlorocyclopentadiene	49	a	a	
1,4-Dioxane	32	46	36	

No qualification of sample results is made based on the low recoveries on bis(2-chloroisopropyl)ether, hexachlorocyclopentadiene and 1,4-dioxane in the re-extraction of C2-SW-S. The sample was re-extracted to confirm low surrogate recoveries and the results from the original extraction should be used.

## 2. L2302543

### *Volatile Organics*

#### *a. Calibration*

All relative response factors (RRFs) and relative standard deviations (RSDs) or correlation coefficients were acceptable in the initial calibration (IC) associated with sample A6-SW-N. A second source initial calibration verification standard was analyzed following each IC and the percent differences are acceptable, with the following exception:

Instr.	ICV	Analyte	%D	Affected Sample
VOA129	12/28/23 3:43	Carbon disulfide	42.0	A6-SW-N

The result for carbon disulfide in A6-SW-N is qualified as estimated (UJ) due to high percent difference in the ICV.

### *Semi-Volatile Organics*

#### *a. Laboratory Control Sample (LCS) / LCS Duplicate (LCSD)*

The RPD of several analytes exceeded the control limit of 20% in the LCS and LCSD. However, the target analytes were not detected in sample A6-SW-N and no qualification of sample results was made.

## 3. L2303119

### *Volatile Organics*

#### *a. Calibration*

All relative response factors (RRFs) and relative standard deviations (RSDs) or correlation coefficients were acceptable in the initial calibration (IC) associated with sample C5-SW-S. A second source initial calibration verification standard was analyzed following the IC and the percent differences are acceptable, with the following exceptions:

Instr.	ICV	Analyte	%D	Affected Sample
VOA104	1/18/24 19:07	Ethyl ether	32.3	C5-SW-S
		Carbon disulfide	50.5	

The results for ethyl ether and carbon disulfide in C5-SW-S are qualified as estimated (UJ) due to high percent difference in the ICV.

Continuing calibrations verification (CCV) standards were analyzed at the appropriate frequency and all RRFs and %D are acceptable, with the exceptions noted below. Where the %D represents an increase in instrument sensitivity and the analyte is not detected in the associated sample, no qualification of sample results is warranted. These are not detailed below.

Instr.	CCV	Analyte	%D	Affected Sample
VOA104	01/20/23 10:04	Dichlorodifluoromethane	22.3	C5-SW-S
		Chloromethane	26.5	
		Vinyl chloride	24.4	
		1,1-Dichloroethene	20.5	
		Chloroform	20.7	

The percent differences represent a decrease in instrument sensitivity. The results for dichlorodifluoromethane, chloromethane, vinyl chloride, 1,1-dichloroethene and chloroform in C5-SW-5 are qualified as estimated (UJ) due to low response in the CCV.

### ***Semi-Volatile Organics***

#### ***a. Surrogates***

All surrogate recoveries are within acceptance limits with the exceptions noted below.

Sample	2FP	PHL	NBZ	FBP	TBP	TPHL
C5-SW-S	48	a	48	a	a	a

a=acceptable

The results for bis(2-chloroethyl)ether, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2-dichlorobenzene, bis(2-chloroisopropyl) ether, hexachloroethane, n-nitrosodi-n-propylamine, nitrobenzene, isophorone, bis(2-chloroethoxy)methane, 1,2,4-trichlorobenzene, naphthalene, 4-chloroaniline, hexachlorobutadiene, 2-methylnaphthalene and hexachlorocyclopentadiene in C5-SW-S are qualified as estimated (J-, UJ) because nitrobenzene-d5 surrogate exhibited low recovery. The results for all acid extractables *except* pentachlorophenol and 4,6-dinitro-o-cresol in C5-SW-S are qualified as estimated (UJ) because 2-fluorophenol surrogate exhibited low recovery.

#### ***b. Laboratory Control Sample (LCS) / LCS Duplicate (LCSD)***

All recoveries and RPDs are acceptable with the exceptions noted below. Where a recovery is high and the analyte is not detected in the associated sample, no qualification of sample results is warranted. These are not detailed below.

Analyte	LCS %R	LCSD %R	RPD	Affected Sample
<i>WG1735603-2 &amp; 3</i>				
bis(2-Chloroisopropyl)ether	46	46	a	C5-SW-S
4-Chloroaniline	44	41	a	
3-Nitroaniline	44	42	a	
1,4-Dioxane	34	39	a	

a=acceptable

The results for bis(2-chloroisopropyl)ether, 4-chloroaniline, 3-nitroaniline and 1,4-dioxane in C5-SW-S are qualified as estimated (UJ) due to low recoveries in the LCS and LCSD.

#### 4. L2305781

##### *Volatile Organics*

###### *a. Calibration*

All relative response factors (RRFs) and relative standard deviations (RSDs) or correlation coefficients were acceptable in the initial calibration (IC) associated with sample C4-JW-S. A second source initial calibration verification standard was analyzed following each IC and the percent differences are acceptable, with the following exceptions:

Instr.	ICV	Analyte	%D	Affected Sample
VOA111	1/18/23	Ethyl ether	33.0	C4-JW-S
	18:47	Carbon disulfide	39.0	

The results for ethyl ether and carbon disulfide in C4-JW-S are qualified as estimated (UJ) due to high %D in the ICV.

Continuing calibrations verification (CCV) standards were analyzed at the appropriate frequency and all RRFs and %D are acceptable. Where the %D represents an increase in instrument sensitivity and the analyte is not detected in the associated sample, no qualification of sample results is warranted.

##### *Semi-Volatile Organics*

###### *a. Laboratory Control Sample (LCS) / LCS Duplicate (LCSD)*

All recoveries and RPDs are acceptable with the exceptions noted below. Where a recovery is high and the analyte is not detected in the associated sample, no qualification of sample results is warranted. These are not detailed below.

Analyte	LCS %R	LCSD %R	RPD	Affected Sample
<i>WG1741456-2 &amp; 3</i>				
4-Chloroaniline	32	27	a	C4-JW-S
3-Nitroaniline	44	38	a	
Benzoic acid	22	25	a	

a=acceptable

The results for 4-chloroaniline, 3-nitroaniline and benzoic acid in C4-JW-S are qualified as estimated (UJ) due to low recoveries in the LCS and LCSD.

**5. L2310213**

***Volatile Organics***

***a. Calibration***

All relative response factors (RRFs) and relative standard deviations (RSDs) or correlation coefficients were acceptable in the initial calibration (IC) associated with sample C3-SW-S. A second source initial calibration verification standard was analyzed following each IC and the percent differences are acceptable ( $\leq 30\%D$ ), with the following exception:

Instr.	ICV	Analyte	%D	Affected Sample
VOA110	8/23/22 02:03	Acetone	57.6	C3-SW-S

The result for acetone in C3-SW-S is qualified as estimated (UJ) due to high %D in the ICV.

Continuing calibrations verification (CCV) standards were analyzed at the appropriate frequency and all RRFs and %D are acceptable, with the exceptions noted below. Where the %D represents an increase in instrument sensitivity and the analyte is not detected in the associated sample, no qualification of sample results is warranted.

Instr.	CCV	Analyte	%D	Affected Sample
VOA110	03/02/23 07:15	Vinyl chloride	22.5	C5-SW-S
		Chloroethane	22.1	
		Ethyl ether	30.9	
		Carbon disulfide	20.5	
		Methylene chloride	25.2	
		1,2,3-Trichloropropane	21.8	

The percent differences represent a decrease in instrument sensitivity. The results for vinyl chloride, chloroethane, ethyl ether, carbon disulfide, methylene chloride, and 1,2,3-trichloropropane in C5-SW-S are qualified as estimated (UJ) due to low response in the CCV.

***Semi-Volatile Organics***

***a. Surrogates***

All surrogate recoveries are within acceptance limits with the exceptions noted below.

Sample	2FP	PHL	NBZ	FBP	TBP	TPHL
C3-SW-S	a	a	41	a	a	

a=acceptable

The results for bis(2-chloroethyl)ether, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 1,2-dichlorobenzene, bis(2-chloroisopropyl) ether, hexachloroethane, n-nitrosodi-n-propylamine, nitrobenzene, isophorone, bis(2-chloroethoxy)methane, 1,2,4-trichlorobenzene, naphthalene, 4-chloroaniline, hexachlorobutadiene, 2-methylnaphthalene and hexachlorocyclopentadiene in C3-SW-S are qualified as estimated (J-, UJ) because nitrobenzene-d5 surrogate exhibited low recovery.

**b. Laboratory Control Sample (LCS) / LCS Duplicate (LCSD)**

All recoveries and RPDs are acceptable with the exceptions noted below. Where a recovery is high and the analyte is not detected in the associated sample, no qualification of sample results is warranted. These are not detailed below.

Analyte	LCS %R	LCSD %R	RPD	Affected Sample
<i>WG1749782-2 &amp; 3</i>				
Bis(2-chloroisopropyl)ether	46	43	a	C3-SW-S
4-Chloroaniline	30	25	a	
Benzoic Acid	0	0	a	
1,4-Dioxane	45	43	a	

a=acceptable

The results for Bis(2-chloroisopropyl)ether, 4-Chloroaniline and 1,4-dioxane in C3-SW-S are qualified as estimated (UJ) due to low recoveries in the LCS and LCSD. The result for benzoic acid in C3-SW-S is rejected (R) because it did not recover in the LCS and LCSD.

**6. L2311267**

***Volatile Organics***

***a. Calibration***

All relative response factors (RRFs) and relative standard deviations (RSDs) or correlation coefficients were acceptable in the initial calibration (IC) associated with sample A2-PB. A second source initial calibration verification standard was analyzed following each IC and the percent differences are acceptable, with the following exceptions:

Instr.	ICV	Analyte	%D	Affected Sample
VOA123	11/17/2	Dichlorodifluoromethane	36.0	A2-PB
	2 21:39	Carbon disulfide	44.2	

The results for dichlorodifluoromethane and carbon disulfide in A2-PB are qualified as estimated (UJ) due to high %D in the ICV.

Continuing calibrations verification (CCV) standards were analyzed at the appropriate frequency and all RRFs and %D are acceptable, with the exceptions noted below. Where the %D represents an increase in instrument sensitivity and the analyte is not detected in the associated sample, no qualification of sample results is warranted.

Instr.	CCV	Analyte	%D	Affected Sample
VOA123	03/07/23 20:15	Bromochloromethane	27.2	A2-PB
		Carbon tetrachloride	22.7	
		1,2-Dibromo-3-chloropropane	24.4	
		Hexachlorobutadiene	21.4	

The percent differences represent a decrease in instrument sensitivity. The results for bromochloromethane, carbon tetrachloride, 1,2-dibromo-3-chloropropane and hexachlorobutadiene in A2-PB are qualified as estimated (UJ) due to low response in the CCV.

### ***Semi-Volatile Organics***

#### ***a. Calibration***

All relative response factors (RRFs) and relative standard deviations (RSDs) or correlation coefficients were acceptable in the initial calibration (IC) associated with sample A2-PB. A second source initial calibration verification standard was analyzed following each IC and the percent differences are acceptable, with the following exceptions:

Instr.	ICV	Analyte	%D	Affected Sample
Mork	03/08/23 23:50	Benzo(b)fluoranthene	20.4	A2-PB
Mork	03/09/23 00:39	1,4-Dioxane	25.9	

The results for benzo(b)fluoranthene and 1,4-dioxane in A2-PB are qualified as estimated (UJ) due to high %D in the ICV.

Continuing calibrations verification (CCV) standards were analyzed at the appropriate frequency and all RRFs and %D are acceptable. Where the %D represents an increase in instrument sensitivity and the analyte is not detected in the associated sample, no qualification of sample results is warranted

#### ***b. Laboratory Control Sample (LCS) / LCS Duplicate (LCSD)***

All recoveries and RPDs are acceptable with the exception noted below. Where a recovery is high and the analyte is not detected in the associated sample, no qualification of sample results is warranted. These are not detailed below.

Analyte	LCS %R	LCSD %R	RPD	Affected Sample
WG1751181-2& 3				
Benzoic acid	16	14	a	A2-PB

a=acceptable

The result for benzoic acid in A2-PB is qualified as estimated (UJ) due to low recoveries in the LCS and LCSD.

## 7. L2311615

### *Volatile Organics*

#### *a. Calibration*

All relative response factors (RRFs) and relative standard deviations (RSDs) or correlation coefficients were acceptable in the initial calibration (IC) associated with sample C1-PB. A second source initial calibration verification standard was analyzed following each IC and the percent differences are acceptable, with the following exceptions:

Instr.	ICV	Analyte	%D	Affected Sample
VOA123	11/17/2	Dichlorodifluoromethane	36.0	C1-PB
	2 21:39	Carbon disulfide	44.2	

The results for dichlorodifluoromethane and carbon disulfide in C1-PB are qualified as estimated (UJ) due to high %D in the ICV.

Continuing calibrations verification (CCV) standards were analyzed at the appropriate frequency and all RRFs and %D are acceptable, with the exceptions noted below. Where the %D represents an increase in instrument sensitivity and the analyte is not detected in the associated sample, no qualification of sample results is warranted.

Instr.	CCV	Analyte	%D	Affected Sample
VOA123	03/13/23 07:34	1,2-Dibromo-3-chloropropane	26	C1-PB

The percent difference represents a decrease in instrument sensitivity. The result for 1,2-dibromo-3-chloropropane in C1-PB is qualified as estimated (UJ) due to low response in the CCV.

#### *b. Surrogates*

All surrogate recoveries are within acceptance limits with the exceptions noted below.

Sample	DCA	TOL	BFB	DBFM
C1-PB (D2)	a	a	133	a



The results for all detected analytes in C1-PB (benzene, toluene, ethylbenzene, styrene, n-butylbenzene, sec-butylbenzene, tert-butylbenzene, Isopropylbenzene, p-isopropyltoluene, naphthalene, n-propylbenzene, 1,3,5-trimethylbenzene, 1,2, 4-trimethylbenzene, p-diethylbenzene, p-ethyltoluene, 1,2,4,5-tetramethylbenzene) are qualified as estimated (J+) due to high recovery of bromofluorobenzene surrogate.

**Semi-Volatile Organics**

**a. Calibration**

All relative response factors (RRFs) and relative standard deviations (RSDs) or correlation coefficients were acceptable in the initial calibration (IC) associated with sample C1-PB. A second source initial calibration verification standard was analyzed following each IC and the percent differences are acceptable.

Continuing calibrations verification (CCV) standards were analyzed at the appropriate frequency and all RRFs and %D are acceptable, with the exception noted below. Where the %D represents an increase in instrument sensitivity and the analyte is not detected in the associated sample, no qualification of sample results is warranted.

Instr.	CCV	Analyte	%D	Affected Sample
SV109	03/08/23 08:36	Hexachlorocyclopentadiene	24.3	C1-PB

The percent difference represents a decrease in instrument sensitivity. The result for 1hexachlorocyclopentadiene in C1-PB is qualified as estimated (UJ) due to low response in the CCV.

**b. Laboratory Control Sample (LCS) / LCS Duplicate (LCSD)**

All recoveries and RPDs are acceptable with the exceptions noted below. Where a recovery is high and the analyte is not detected in the associated sample, no qualification of sample results is warranted. These are not detailed below.

Analyte	LCS %R	LCSD %R	RPD	Affected Sample
<i>WG1752086-2 &amp; 3</i>				
3,3'-Dichlorobenzidine	43	47	a	C1-PB
Hexachlorocyclopentadiene	38	44	a	
3-Nitroaniline	41	45	a	
Benzoic Acid	38	41	a	
1,4-Dioxane	49	a	a	

a=acceptable

The results for 3,3'-dichlorobenzidine, hexachlorocyclopentadiene, 3-nitroaniline, benzoic acid and 1,4-dioxane in C1-PB are qualified as estimated (UJ) due to low recoveries in the LCS and/or LCSD.

**c. Surrogates**

All surrogate recoveries are within acceptance limits with the exceptions noted below.

Sample	2FP	PHL	NBZ	FBP	TBP	TPHL
C1-PB	a	a	a	a	35	a

The results for pentachlorophenol and 4,6-dinitro-o-cresol in C1-PB are qualified as estimated (UJ) because 2,4,6-tribromophenol surrogate exhibited low recovery.

**8. L2317355**

**Volatile Organics**

**a. Calibration**

All relative response factors (RRFs) and relative standard deviations (RSDs) or correlation coefficients were acceptable in the initial calibration (IC) associated with sample C4-PB-S-6.0-6.5. A second source initial calibration verification standard (ICV) was analyzed following the IC and the percent differences are acceptable, with the following exception:

Instr.	ICV	Analyte	%D	Affected Sample
VOA117	3/22/23 10:39	Vinyl chloride	32.0	C4-PB-S-6.0-6.5

The result for vinyl chloride in C4-PB-S-6.0-6.5 is qualified as estimated (UJ) due to high percent difference in the ICV.

Continuing calibrations verification (CCV) standards were analyzed at the appropriate frequency and all RRFs and %D are acceptable, with the exceptions noted below. Where the %D represents an increase in instrument sensitivity and the analyte is not detected in the associated sample, no qualification of sample results is warranted. These are not detailed below.

Instr.	CCV	Analyte	%D	Affected Sample
VOA117	4/4/23 08:55	Dichlorodifluoromethane	35.2	C4-PB-S-6.0-6.5
		Chloromethane	26.1	
		Carbon disulfide	24.2	
		Acetone	29.0	
		2-Butanone	20.4	
		4-Methyl-2-pentanone	23.5	
		2-Hexanone	25.9	
		trans-1,4-Dichloro-2-butene	20.4	

The percent differences represent a decrease in instrument sensitivity. The result for dichlorodifluoromethane, chloromethane, carbon disulfide, acetone, 2-butanone, 4-methyl-2-pentanone, 2-hexanone and trans-1,4-dichloro-2-butene are qualified as estimated (J-, UJ) due to

low response in the CCV.

**Semi-Volatile Organics**

**a. Laboratory Control Sample (LCS) / LCS Duplicate (LCSD)**

All recoveries and RPDs are acceptable with the exceptions noted below.

Analyte	LCS %R	LCSD %R	RPD	Affected Sample
<i>WG1762472-2 &amp; 3</i>				
Bis(2-chloroethyl)ether	a	49	28	C4-PB-S-6.0-6.5
1,2-Dichlorobenzene	a	48	27	
1,3-Dichlorobenzene	a	47	28	
1,4-Dichlorobenzene	a	48	29	
3,3'-Dichlorobenzidine	a	46	28	
Bis(2-chloroisopropyl)ether	a	47	29	
Hexachlorobutadiene	a	46	30	
Hexachloroethane	a	48	29	
Benzo(b)fluoranthene	a	49	32	
Chrysene	a	49	31	
Benzo(ghi)perylene	a	49	35	
Dibenzo(a,h)anthracene	a	49	35	
4-Chloroaniline	a	45	22	
Acenaphthene	a	a	31	
Fluoranthene	a	a	30	
Naphthalene	a	a	26	
Benzo(a)anthracene	a	a	32	
Benzo(a)pyrene	a	a	34	
Anthracene	a	a	32	
Fluorene	a	a	30	
Phenanthrene	a	a	30	
Indeno(1,2,3-cd)pyrene	a	a	36	
Pyrene	a	a	31	
Benzoic acid	a	a	29	
Carbazole	a	a	30	

a=acceptable

The results for bis(2-chloroethyl)ether, 1,2-dichlorobenzene, 1,3-dichlorobenzene, 1,4-dichlorobenzene, 3,3'-dichlorobenzidine, bis(2-chloroisopropyl)ether, hexachlorobutadiene, hexachloroethane, benzo(b)fluoranthene, chrysene, benzo(ghi)perylene, dibenzo(a,h)anthracene and 4-chloroaniline in C4-PB-S-6.0-6.5 are qualified as estimated (J, UJ) due low LCSD recovery and high RPD in the LCS and LCSD.

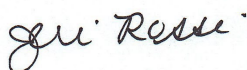
The results for acenaphthene, fluoranthene, naphthalene, benzo(a)anthracene, benzo(a)pyrene, anthracene, fluorene, phenanthrene, indeno(1,2,3-cd)pyrene, pyrene, benzoic acid and carbazole in C4-PB-S-6.0-6.5 are qualified as estimated (J) due to high RPD in the LCS and LCSD. Even though LCS and LCSD %R are acceptable, the RPD is >20 indicating uncertainty in imprecision in the analytical batch. Detected

analytes are qualified as estimated due to imprecision in the LCS and LCSD.

For the remaining target analytes not listed above, most of the RPDs in the LCS and LCSD are >20%. Since target analytes are not detected, sample results are not qualified.

No other sample results were qualified. Please feel free to contact me at (908) 370-3431 or [richierirossi513@gmail.com](mailto:richierirossi513@gmail.com) if you have any questions regarding this data package review report or need further information.

Sincerely,

A handwritten signature in black ink that reads "Jeri Rossi". The signature is written in a cursive style with a large initial "J" and "R".

Jeri L Rossi, CEAC  
Environmental Consulting Chemist

**ATTACHMENT A**

**Qualifier Definitions**

## EPA Qualifier Definitions

- U The analyte was analyzed for but was not detected above the level of the reported sample quantitation limit.
- J The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
- J+ The result is an estimated quantity, but the result may be biased high.
- J- The result is an estimated quantity, but the result may be biased low.
- NJ The analyte has been “tentatively identified” or “presumptively” as present and the associated numerical value is the estimated concentration in the sample.
- UJ The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
- R The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the sample.

**ATTACHMENT B**

**CHAIN OF CUSTODY**









**NEW YORK  
CHAIN OF  
CUSTODY**

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

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

**Service Centers**

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

Page

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Date Rec'd  
in Lab

01/18/23

ALPHA Job #

L2303119

**Project Information**

Project Name: 4778 Broadway  
Project Location: 4778 Broadway, NYC  
Project # 384736

**Deliverables**

ASP-A  ASP-B  
 EQUIS (1 File)  EQUIS (4 File)  
 Other *MT Product*

**Billing Information**

Same as Client Info  
PO# 323906

**Client Information**

Client: AEF  
Address:  
Phone:  
Fax:  
Email:

(Use Project name as Project #)   
Project Manager: *T. Magyally*  
ALPHAQuote #:  
Turn-Around Time  
Standard  Due Date:  
Rush (only if pre approved)  # of Days:

**Regulatory Requirement**

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

**Disposal Site Information**

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

These samples have been previously analyzed by Alpha

**Other project specific requirements/comments:**

*Slowest rate ok no rush, cost reduction if able*

**Please specify Metals or TAL.**

**ANALYSIS**

<i>VOC 8260</i>	<i>VOC 8270</i>																		
-----------------	-----------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

**Sample Filtration**

Done  
 Lab to do  
**Preservation**  
 Lab to do

(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	VOC 8260	VOC 8270	ANALYSIS										Sample Specific Comments	Total Bottles		
		Date	Time																		
03119 -01	C6-PB	1/18/23	1200	SO	JM	X	X														
-02	C5-PB		1210			X	X														
-03	C6-SW-E		1220			X	X														
-04	C6-SW-S		1230			X	X														
-05	C5-SW-S		1240			X	X														

**Preservative Code:**

A = None  
B = HCl  
C = HNO<sub>3</sub>  
D = H<sub>2</sub>SO<sub>4</sub>  
E = NaOH  
F = MeOH  
G = NaHSO<sub>4</sub>  
H = Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>  
K/E = Zn Ac/NaOH  
O = Other

**Container Code**

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

Westboro: Certification No: MA935

Mansfield: Certification No: MA015

Container Type

*V/p A*

Preservative

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

Relinquished By:	Date/Time	Received By:	Date/Time
<i>AEF</i>	1/18/23 1630	<i>W. M. ...</i>	1/18/23 1650
<i>MGMA (new)</i>	1/18/23 1804	<i>...</i>	1/18/23 19:30
<i>...</i>	1/18/23 2120	<i>...</i>	1/18/23 2130
<i>...</i>	1/18/23 2315	<i>...</i>	1/18/23 2315







**NEW YORK  
CHAIN OF  
CUSTODY**

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

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

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

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Date Rec'd  
in Lab

3/3/23

ALPHA Job #

L2311267

**Project Information**

Project Name: 4778 Broadway  
Project Location: 4778 Broadway NYC

Project # 384736

(Use Project name as Project #)

Project Manager: JCMaggiulli

ALPHAQuote #:

**Turn-Around Time**

Standard

Due Date:

Rush (only if pre approved)

# of Days:

**Deliverables**

ASP-A  ASP-B  
 EQUIS (1 File)  EQUIS (4 File)  
 Other

**Billing Information**

Same as Client Info

PO# 323906

**Client Information**

Client: AEI

Address:

Phone:

Fax:

Email:

**Regulatory Requirement**

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

**Disposal Site Information**

Please identify below location of applicable disposal facilities.

Disposal Facility:

NJ  NY  
 Other:

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

Please specify Metals or TAL.

**ANALYSIS**

Sample ID	Matrix	Initials	TCL-VOL	TCL-Suoc						
A1-PB	50	JM	X	X						
B2-PB	50		X	X						
C2-PB	50		X	X						
A1-PB	50		X	X						
B1-PB	50		X	X						
A1-Su-W	50		X	X						
B2-Su-W	50		X	X						

**Sample Filtration**

Done  
 Lab to do  
**Preservation**  
 Lab to do

(Please Specify below)

Sample Specific Comments

T  
o  
t  
a  
l  
  
B  
o  
t  
t  
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e

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	TCL-VOL	TCL-Suoc							
		Date	Time											
11267-01	A1-PB	3/2/23	1100	50	JM	X	X							
02	B2-PB	3/2/23	1105	50		X	X							
03	C2-PB	3/2/23	1110	50		X	X							
04	A1-PB	3/2/23	1115	50		X	X							
05	B1-PB	3/2/23	1120	50		X	X							
06	A1-Su-W	3/2/23	1125	50		X	X							
07	B2-Su-W	3/2/23	1130	50		X	X							

Preservative Code:  
A = None  
B = HCl  
C = HNO<sub>3</sub>  
D = H<sub>2</sub>SO<sub>4</sub>  
E = NaOH  
F = MeOH  
G = NaHSO<sub>4</sub>  
H = Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>  
K/E = Zn Ac/NaOH  
O = Other

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

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

Container Type

Preservative

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

Relinquished By:	Date/Time	Received By:	Date/Time
[Signature]	3/3/23 18:10	[Signature]	3/3/23 12:30
[Signature]	3/3/23 280	[Signature]	3/3/23 19:30
[Signature]	3/3/23 2350	[Signature]	3/3/23 2130



**NEW YORK  
CHAIN OF  
CUSTODY**

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

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

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

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Date Rec'd  
in Lab

3/6/23

ALPHA Job #

231615

<b>Client Information</b>		<b>Project Information</b>		<b>Deliverables</b>		<b>Billing Information</b>	
Client: <u>AEI</u>		Project Name: <u>4778 Broadway</u>		<input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other		<input type="checkbox"/> Same as Client Info PO # <u>323406</u>	
Address:		Project Location: <u>4778 Broadway, NYC</u>		<input type="checkbox"/> NY TOGS <input checked="" type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input checked="" type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:	
Phone:		Project # <u>384736</u>		<input type="checkbox"/> NY TOGS <input checked="" type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input checked="" type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:	
Fax:		(Use Project name as Project #) <input type="checkbox"/>		<input type="checkbox"/> NY TOGS <input checked="" type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input checked="" type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:	
Email:		Project Manager: <u>Jm</u>		<input type="checkbox"/> NY TOGS <input checked="" type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input checked="" type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:	
Turn-Around Time		ALPHAQuote #:		<input type="checkbox"/> NY TOGS <input checked="" type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input checked="" type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:	
Standard <input checked="" type="checkbox"/>		Due Date:		<input type="checkbox"/> NY TOGS <input checked="" type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input checked="" type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:	
Rush (only if pre approved) <input type="checkbox"/>		# of Days:		<input type="checkbox"/> NY TOGS <input checked="" type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input checked="" type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:	

These samples have been previously analyzed by Alpha

Other project specific requirements/comments:

Please specify Metals or TAL:

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	ANALYSIS		Sample Filtration	Total Bottles
		Date	Time			TLC-VOC	TLC-SUOC		
11615-1	C1-PB	3/6/23	1400	SO	JH	X	X	<input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do  (Please Specify below)	
	C1-SW-W	3/6/23	1405	SO	JH	X	X		

Preservative Code: A = None B = HCl C = HNO <sub>3</sub> D = H <sub>2</sub> SO <sub>4</sub> E = NaOH F = MeOH G = NaHSO <sub>4</sub> H = Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> K/E = Zn Ac/NaOH O = Other	Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle	Westboro: Certification No: MA935 Mansfield: Certification No: MA015	Container Type								Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)
		Relinquished By:	Date/Time	Received By:	Date/Time						
		<u>A AEI</u>	<u>3/6/23 1600</u>	<u>[Signature]</u>	<u>3/6/23 17:48</u>						
		<u>[Signature]</u>	<u>3/6/23 17:20</u>	<u>[Signature]</u>	<u>3/6/23 19:30</u>						
		<u>[Signature]</u>	<u>3/6/23 2:45</u>	<u>[Signature]</u>	<u>3/6/23 2:45</u>						
		<u>[Signature]</u>	<u>3/6/23 2:34</u>	<u>[Signature]</u>	<u>3/7/23 8:34</u>						



**ATTACHMENT C**

**SELECTED PAGES FROM DATA PACKAGE –  
QC EXCEEDANCES AND VALIDATION ISSUES**



Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA123\2022\221117ICAL\  
 Data File : V23221117A21.D  
 Acq On : 17 Nov 2022 09:39 pm  
 Operator : VOA123:JIC  
 Sample : C8260STD40PPB  
 Misc : WG1713981,ICAL  
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 18 09:45:38 2022  
 Quant Method : I:\VOLATILES\VOA123\2022\221117ICAL\V123\_221117A\_8260.m  
 Quant Title : VOLATILES BY GC/MS  
 QLast Update : Fri Nov 18 09:43:03 2022  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 20% Max. Rel. Area : 200%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I Fluorobenzene	1.000	1.000	0.0	98	0.00
2 TP Dichlorodifluoromethane	0.225	0.306	-36.0#	121	0.00
3 TP Chloromethane	0.297	0.366	-23.2#	118	0.00
4 TC Vinyl chloride	0.287	0.346	-20.6#	109	0.00
5 TP Bromomethane	0.162	0.181	-11.7	115	0.00
6 TP Chloroethane	0.182	0.206	-13.2	101	0.00
7 TP Trichlorofluoromethane	0.369	0.408	-10.6	99	0.00
8 TP Ethyl ether	0.133	0.171	-28.6#	120	0.00
10 TC 1,1-Dichloroethene	0.257	0.263	-2.3	92	0.00
11 TP Carbon disulfide	0.627	0.904	-44.2#	144	0.00
12 TP Freon-113	0.265	0.300	-13.2	101	0.00
14 TP Acrolein	0.037	0.018	51.4#	43#	0.00
15 TP Methylene chloride	0.361	0.331	8.3	95	0.00
17 TP Acetone	* 40.000	37.938	5.2	85	0.00
18 TP trans-1,2-Dichloroethene	0.311	0.314	-1.0	94	0.00
19 TP Methyl acetate	0.149	0.145	2.7	94	0.00
20 TP Methyl tert-butyl ether	0.693	0.770	-11.1	101	0.00
21 TP tert-Butyl alcohol	0.026	0.024	7.7	69	0.00
22 TP Diisopropyl ether	0.896	0.953	-6.4	95	0.00
23 TP 1,1-Dichloroethane	0.554	0.586	-5.8	99	0.00
24 TP Halothane	0.223	0.243	-9.0	97	0.00
25 TP Acrylonitrile	0.066	0.076	-15.2	95	0.00
26 TP Ethyl tert-butyl ether	0.914	0.934	-2.2	90	0.00
27 TP Vinyl acetate	0.527	0.457	13.3	78	0.00
28 TP cis-1,2-Dichloroethene	0.350	0.345	1.4	92	0.00
29 TP 2,2-Dichloropropane	0.453	0.452	0.2	92	0.00
30 TP Bromochloromethane	0.158	0.148	6.3	85	0.00
31 TP Cyclohexane	0.475	0.536	-12.8	100	0.00
32 TC Chloroform	0.562	0.568	-1.1	94	0.00
33 TP Ethyl acetate	0.231	0.218	5.6	86	0.00
34 TP Carbon tetrachloride	0.374	0.382	-2.1	91	0.00
35 TP Tetrahydrofuran	0.062	0.063	-1.6	87	0.00
36 S Dibromofluoromethane	0.254	0.248	2.4	96	0.00
37 TP 1,1,1-Trichloroethane	0.424	0.467	-10.1	98	0.00
39 TP 2-Butanone	0.102	0.085	16.7	75	0.00
40 TP 1,1-Dichloropropene	0.380	0.411	-8.2	93	0.00
41 TP Benzene	1.229	1.260	-2.5	94	0.00
42 TP tert-Amyl methyl ether	0.835	0.807	3.4	83	0.00
43 S 1,2-Dichloroethane-d4	0.239	0.233	2.5	96	0.00

# Calibration Verification Summary

## Form 7

### Volatiles

**Client** : AEI Consultants  
**Project Name** : 4778 BROADWAY  
**Instrument ID** : VOA123  
**Lab File ID** : V23230109A01  
**Sample No** : WG1731899-2  
**Channel** :

**Lab Number** : L2300576  
**Project Number** : 384736  
**Calibration Date** : 01/09/23 07:33  
**Init. Calib. Date(s)** : 11/17/22 11/17/22  
**Init. Calib. Times** : 14:15 19:02

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	1.998	2.131	-	-6.7	20	62	0
n-Butylbenzene	2.982	3.518	-	-18	20	69	0
1,2-Dichlorobenzene	1.688	1.538	-	8.9	20	53	0
1,2,4,5-Tetramethylbenzene	3.17	3.281	-	-3.5	20	60	0
1,2-Dibromo-3-chloropropan	0.131	0.098	-	25.2*	20	41	0
1,3,5-Trichlorobenzene	1.384	1.282	-	7.4	20	54	0
Hexachlorobutadiene	0.692	0.624	-	9.8	20	54	0
1,2,4-Trichlorobenzene	1.242	1.126	-	9.3	20	53	0
Naphthalene	2.423	2.197	-	9.3	20	51	-0.01
1,2,3-Trichlorobenzene	1.117	0.977	-	12.5	20	52	0

\* Value outside of QC limits.



# Laboratory Control Sample Summary

## Form 3

### Semivolatiles

**Client** : AEI Consultants **Lab Number** : L2300576  
**Project Name** : 4778 BROADWAY **Project Number** : 384736  
**Matrix** : SOIL  
**LCS Sample ID** : WG1732353-2 **Analysis Date** : 01/11/23 23:14 **File ID** : 732353-2  
**LCSD Sample ID** : WG1732353-3 **Analysis Date** : 01/11/23 23:37 **File ID** : 732353-3

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
Acenaphthene	1300	700	54	1300	780	60	11	31-137	50
1,2,4-Trichlorobenzene	1300	670	52	1300	790	61	16	38-107	50
Hexachlorobenzene	1300	710	55	1300	790	61	10	40-140	50
Bis(2-chloroethyl)ether	1300	680	53	1300	750	58	9	40-140	50
2-Chloronaphthalene	1300	680	53	1300	780	60	12	40-140	50
1,2-Dichlorobenzene	1300	710	54	1300	810	63	15	40-140	50
1,3-Dichlorobenzene	1300	700	54	1300	790	61	12	40-140	50
1,4-Dichlorobenzene	1300	700	54	1300	800	62	14	28-104	50
3,3'-Dichlorobenzidine	1300	650	50	1300	720	56	11	40-140	50
2,4-Dinitrotoluene	1300	920	70	1300	1000	79	12	40-132	50
2,6-Dinitrotoluene	1300	790	61	1300	870	67	9	40-140	50
Fluoranthene	1300	740	57	1300	830	64	12	40-140	50
4-Chlorophenyl phenyl ether	1300	730	56	1300	800	61	9	40-140	50
4-Bromophenyl phenyl ether	1300	720	55	1300	830	64	15	40-140	50
Bis(2-chloroisopropyl)ether	1300	530	41	1300	600	46	11	40-140	50
Bis(2-chloroethoxy)methane	1300	690	53	1300	780	60	12	40-117	50
Hexachlorobutadiene	1300	660	50	1300	770	59	17	40-140	50
Hexachlorocyclopentadiene	1300	630	49	1300	780	60	20	40-140	50
Hexachloroethane	1300	790	61	1300	870	67	9	40-140	50
Isophorone	1300	680	52	1300	770	59	13	40-140	50
Naphthalene	1300	700	54	1300	790	61	12	40-140	50
Nitrobenzene	1300	790	61	1300	920	71	15	40-140	50
NDPA/DPA	1300	760	59	1300	830	64	8	36-157	50
n-Nitrosodi-n-propylamine	1300	680	52	1300	800	62	18	32-121	50
Bis(2-ethylhexyl)phthalate	1300	890	68	1300	1000	78	14	40-140	50
Butyl benzyl phthalate	1300	890	69	1300	990	76	10	40-140	50



**Laboratory Control Sample Summary  
Form 3  
Semivolatiles**

Client : AEI Consultants Lab Number : L2300576  
 Project Name : 4778 BROADWAY Project Number : 384736  
 Matrix : SOIL  
 LCS Sample ID : WG1732353-2 Analysis Date : 01/11/23 23:14 File ID : 732353-2  
 LCSD Sample ID : WG1732353-3 Analysis Date : 01/11/23 23:37 File ID : 732353-3

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
2,4,6-Trichlorophenol	1300	750	57	1300	860	66	15	30-130	50
p-Chloro-m-cresol	1300	740	57	1300	860	66	15	26-103	50
2-Chlorophenol	1300	800	62	1300	900	70	12	25-102	50
2,4-Dichlorophenol	1300	780	60	1300	880	68	13	30-130	50
2,4-Dimethylphenol	1300	710	54	1300	830	64	17	30-130	50
2-Nitrophenol	1300	940	72	1300	1100	87	19	30-130	50
4-Nitrophenol	1300	890	69	1300	940	73	6	11-114	50
2,4-Dinitrophenol	1300	1100	86	1300	1300	102	17	4-130	50
4,6-Dinitro-o-cresol	1300	1300	98	1300	1400	110	12	10-130	50
Pentachlorophenol	1300	680	52	1300	770	60	14	17-109	50
Phenol	1300	670	52	1300	740	57	9	26-90	50
2-Methylphenol	1300	770	59	1300	880	68	14	30-130.	50
3-Methylphenol/4-Methylphenol	1300	850	65	1300	950	73	12	30-130	50
2,4,5-Trichlorophenol	1300	750	58	1300	880	68	16	30-130	50
Benzoic Acid	1300	680	52	1300	820	63	19	10-110	50
Benzyl Alcohol	1300	740	57	1300	860	66	15	40-140	50
Carbazole	1300	730	56	1300	820	63	12	54-128	50
1,4-Dioxane	1300	420	32 Q	1300	600	46	36	40-140	50



# Surrogate Recovery Summary

## Form 2

### Semivolatiles

Client: AEI Consultants  
Project Name: 4778 BROADWAY

Lab Number: L2300576  
Project Number: 384736  
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	S1 (2FP)	S2 (PHL)	S3 (NBZ)	S4 (FBP)	S5 (TBP)	S6 (TPH)	TOT OUT
C1-SW-S (L2300576-01)	90	89	103	88	106	97	0
C2-SW-S (L2300576-02)	8*	45	109	80	3*	87	2
C2-SW-S (L2300576-02RE)	10*	47	83	63	5*	65	2
C2-SW-E (L2300576-03)	65	74	110	69	40	72	0
WG1731055-1BLANK	73	71	64	74	73	83	0
WG1731055-2LCS	83	80	71	82	82	91	0
WG1731055-3LCSD	80	78	70	80	80	85	0
WG1732353-1BLANK	64	65	74	60	74	70	0
WG1732353-2LCS	57	60	67	53	60	61	0
WG1732353-3LCSD	70	70	77	63	70	69	0

#### QC LIMITS

(25-120) 2FP = 2-FLUOROPHENOL  
 (10-120) PHL = PHENOL-D6  
 (23-120) NBZ = NITROBENZENE-D5  
 (30-120) FBP = 2-FLUOROBIPHENYL  
 (10-136) TBP = 2,4,6-TRIBROMOPHENOL  
 (18-120) TPH = 4-TERPHENYL-D14

\* Values outside of QC limits

FORM II NYTCL-8270



# Calibration Verification Summary

## Form 7

### Semivolatiles

Client : AEI Consultants  
 Project Name : 4778 BROADWAY  
 Instrument ID : JULIET  
 Lab File ID : ABN0111  
 Sample No : WG1731562-3  
 Channel :

Lab Number : L2300576  
 Project Number : 384736  
 Calibration Date : 01/11/23 21:36  
 Init. Calib. Date(s) : 08/10/22 08/12/22  
 Init. Calib. Times : 16:02 14:27

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	78	0
n-Nitrosodimethylamine	0.688	0.634	-	7.8	20	78	0
Pyridine	1.22	1.044	-	14.4	20	71	0
2-Fluorophenol	1.073	1.123	-	-4.7	20	87	0
Aniline	1.812	1.663	-	8.2	20	78	0
2-Chlorophenol	1.278	1.363	-	-6.7	20	88	0
Phenol-d6	1.313	1.396	-	-6.3	20	88	0
Phenol	1.573	1.337	-	15	20	71	0
Bis(2-chloroethyl)ether	1.066	0.997	-	6.5	20	79	0
1,3-Dichlorobenzene	1.5	1.476	-	1.6	20	84	0
1,4-Dichlorobenzene	1.524	1.496	-	1.8	20	84	0
1,2-Dichlorobenzene	1.44	1.437	-	0.2	20	85	0
Benzyl alcohol	0.923	0.906	-	1.8	20	82	0
Bis(2-chloroisopropyl)ethe	1.673	1.262	-	24.6*	20	66	0
2-Methylphenol	1.063	1.054	-	0.8	20	82	0
Hexachloroethane	0.484	0.527	-	-8.9	20	92	0
n-Nitrosodi-n-propylamine	0.8	0.757	-	5.4	20	80	0
3-Methylphenol/4-Methylphe	1.124	1.133	-	-0.8	20	84	0
Nitrobenzene-d5	0.953	1.137	-	-19.3	20	95	0
Nitrobenzene	0.999	1.091	-	-9.2	20	86	0
Isophorone	2.171	2.02	-	7	20	80	0
2-Nitrophenol	0.524	0.711	-	-35.7*	20	106	0
2,4-Dimethylphenol	1.188	0.922	-	22.4*	20	65	0
Bis(2-chloroethoxy)methane	1.376	1.267	-	7.9	20	80	0
2,4-Dichlorophenol	1.138	1.117	-	1.8	20	81	0
1,2,4-Trichlorobenzene	1.346	1.245	-	7.5	20	79	0
IS1_Naphthalene-d8	1	1	-	0	20	80	0
Naphthalene	1.013	0.97	-	4.2	20	84	0
Benzoic Acid	50	53.217	-	-6.4	20	97	0
4-Chloroaniline	0.105	0.097	-	7.6	20	80	0
Hexachlorobutadiene	0.201	0.185	-	8	20	81	0
p-Chloro-m-cresol	0.268	0.275	-	-2.6	20	86	0
2-Methylnaphthalene	0.673	0.64	-	4.9	20	83	0
1-Methylnaphthalene	0.209	0.193	-	7.7	20	79	0
Hexachlorocyclopentadiene	0.197	0.147	-	25.4*	20	60	0
2,4,6-Trichlorophenol	0.233	0.225	-	3.4	20	79	0
2,4,5-Trichlorophenol	0.25	0.252	-	-0.8	20	82	0
2-Fluorobiphenyl	0.8	0.735	-	8.1	20	80	0
2-Chloronaphthalene	0.72	0.659	-	8.5	20	80	0
2-Nitroaniline	0.189	0.225	-	-19	20	99	0
1,4-Dinitrobenzene	50	63.353	-	-26.7*	20	111	0
1,3-Dinitrobenzene	50	54.952	-	-9.9	20	99	0
Dimethyl phthalate	0.859	0.792	-	7.8	20	80	0

\* Value outside of QC limits.



Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA129\2022\221227NICAL\  
 Data File : V29221227N16.D  
 Acq On : 28 Dec 2022 03:43 am  
 Operator : VOA129:NLK  
 Sample : C8260STD40PPB  
 Misc : WG1728525,ICAL19353  
 ALS Vial : 16 Sample Multiplier: 1

Quant Time: Dec 30 10:37:47 2022  
 Quant Method : I:\VOLATILES\VOA129\2022\221227NICAL\V129\_221227N\_8260.m  
 Quant Title : VOLATILES BY GC/MS  
 QLast Update : Fri Dec 30 10:37:21 2022  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 20% Max. Rel. Area : 200%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I Fluorobenzene	1.000	1.000	0.0	97	0.00
2 TP Dichlorodifluoromethane	0.172	0.183	-6.4	116	0.00
3 TP Chloromethane	0.209	0.230	-10.0	108	0.00
4 TC Vinyl chloride	0.213	0.224	-5.2	104	0.00
5 TP Bromomethane	* 40.000	43.774	-9.4	111	0.00
6 TP Chloroethane	0.142	0.148	-4.2	103	0.00
7 TP Trichlorofluoromethane	0.320	0.339	-5.9	105	0.00
8 TP Ethyl ether	0.101	0.123	-21.8#	126	0.00
10 TC 1,1-Dichloroethene	0.186	0.185	0.5	97	0.00
11 TP Carbon disulfide	0.386	0.548	-42.0#	140	0.00
12 TP Freon-113	0.206	0.212	-2.9	102	0.00
14 TP Acrolein	0.00849	0.00982#	-15.7	118	0.00
15 TP Methylene chloride	* 40.000	38.706	3.2	96	0.00
17 TP Acetone	* 40.000	35.294	11.8	81	0.00
18 TP trans-1,2-Dichloroethene	0.209	0.198	5.3	94	0.00
19 TP Methyl acetate	0.132	0.132	0.0	101	0.00
20 TP Methyl tert-butyl ether	0.492	0.553	-12.4	108	0.00
21 TP tert-Butyl alcohol	0.030	0.028	6.7	96	0.00
22 TP Diisopropyl ether	0.641	0.646	-0.8	97	0.00
23 TP 1,1-Dichloroethane	0.341	0.348	-2.1	99	0.00
24 TP Halothane	0.166	0.175	-5.4	102	0.00
25 TP Acrylonitrile	0.063	0.064	-1.6	104	0.00
26 TP Ethyl tert-butyl ether	0.633	0.631	0.3	95	0.00
27 TP Vinyl acetate	0.436	0.375	14.0	88	0.00
28 TP cis-1,2-Dichloroethene	0.231	0.220	4.8	93	0.00
29 TP 2,2-Dichloropropane	0.312	0.299	4.2	93	0.00
30 TP Bromochloromethane	0.119	0.119	0.0	97	0.00
31 TP Cyclohexane	0.346	0.346	0.0	99	0.00
32 TC Chloroform	0.370	0.366	1.1	98	0.00
33 TP Ethyl acetate	0.202	0.203	-0.5	97	0.00
34 TP Carbon tetrachloride	0.298	0.299	-0.3	98	0.00
35 TP Tetrahydrofuran	0.069	0.070	-1.4	99	0.00
36 S Dibromofluoromethane	0.264	0.260	1.5	95	0.00
37 TP 1,1,1-Trichloroethane	0.324	0.338	-4.3	102	0.00
39 TP 2-Butanone	0.094	0.084	10.6	85	0.00
40 TP 1,1-Dichloropropene	0.266	0.274	-3.0	101	0.00
41 TP Benzene	0.796	0.791	0.6	95	0.00
42 TP tert-Amyl methyl ether	0.597	0.583	2.3	93	0.00
43 S 1,2-Dichloroethane-d4	0.261	0.258	1.1	98	0.00

Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA104\2023\230118ICAL\  
 Data File : V04230118A20.D  
 Acq On : 18 Jan 2023 7:07 pm  
 Operator : VOA104:MKS  
 Sample : C8260STD40PPB  
 Misc : WG1735258  
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 19 14:22:52 2023  
 Quant Method : I:\VOLATILES\VOA104\2023\230118ICAL\V104\_230118A\_8260.m  
 Quant Title : VOLATILES BY GC/MS  
 QLast Update : Thu Jan 19 14:20:58 2023  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.05min  
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Fluorobenzene	1.000	1.000	0.0	108	0.00
2 TP	Dichlorodifluoromethane	0.449	0.411	8.5	123	0.00
3 TP	Chloromethane	0.829	0.780	5.9	120	0.00
4 TC	Vinyl chloride	0.578	0.529	8.5	119	0.00
5 TP	Bromomethane	* 40.000	38.178	4.6	112	0.00
6 TP	Chloroethane	* 40.000	37.910	5.2	107	0.00
7 TP	Trichlorofluoromethane	0.616	0.516	16.2	110	0.00
8 TP	Ethyl ether	0.133	0.176	-32.3#	154	0.00
10 TC	1,1-Dichloroethene	0.391	0.309	21.0#	102	0.00
11 TP	Carbon disulfide	0.828	1.246	-50.5#	185	0.00
12 TP	Freon-113	0.396	0.340	14.1	116	0.00
14 TP	Acrolein	0.044	0.047	-6.8	129	0.00
15 TP	Methylene chloride	0.437	0.406	7.1	103	0.00
17 TP	Acetone	0.084	0.078	7.1	109	0.00
18 TP	trans-1,2-Dichloroethene	0.404	0.356	11.9	105	0.00
19 TP	Methyl acetate	0.168	0.169	-0.6	114	0.00
20 TP	Methyl tert-butyl ether	0.613	0.754	-23.0#	135	0.00
21 TP	tert-Butyl alcohol	0.029	0.032	-10.3	127	0.00
22 TP	Diisopropyl ether	1.266	1.378	-8.8	118	0.00
23 TP	1,1-Dichloroethane	0.885	0.792	10.5	108	0.00
24 TP	Halothane	0.304	0.262	13.8	109	0.00
25 TP	Acrylonitrile	0.089	0.105	-18.0	130	0.00
26 TP	Ethyl tert-butyl ether	1.005	1.124	-11.8	121	0.00
27 TP	Vinyl acetate	0.603	0.533	11.6	97	0.00
28 TP	cis-1,2-Dichloroethene	0.442	0.392	11.3	102	0.00
29 TP	2,2-Dichloropropane	0.599	0.488	18.5	104	0.00
30 TP	Bromochloromethane	0.197	0.175	11.2	102	0.00
31 TP	Cyclohexane	0.830	0.686	17.3	112	0.00
32 TC	Chloroform	0.715	0.640	10.5	107	0.00
33 TP	Ethyl acetate	0.243	0.238	2.1	111	0.00
34 TP	Carbon tetrachloride	0.502	0.411	18.1	107	0.00
35 TP	Tetrahydrofuran	0.091	0.097	-6.6	123	0.00
36 S	Dibromofluoromethane	0.345	0.314	9.0	106	0.00
37 TP	1,1,1-Trichloroethane	0.562	0.509	9.4	113	0.00
39 TP	2-Butanone	* 40.000	42.364	-5.9	132	0.00
40 TP	1,1-Dichloropropene	* 40.000	35.167	12.1	109	0.00
41 TP	Benzene	1.332	1.267	4.9	108	0.00
42 TP	tert-Amyl methyl ether	0.708	0.753	-6.4	121	0.00
43 S	1,2-Dichloroethane-d4	0.275	0.251	8.7	109	0.00



# Calibration Verification Summary

## Form 7

### Volatiles

Client : AEI Consultants  
 Project Name : 4778 BROADWAY  
 Instrument ID : VOA104  
 Lab File ID : V04230120A01  
 Sample No : WG1736278-2  
 Channel :

Lab Number : L2303119  
 Project Number : 384736  
 Calibration Date : 01/20/23 10:04  
 Init. Calib. Date(s) : 01/18/23 01/18/23  
 Init. Calib. Times : 11:44 16:30

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	123	0
Dichlorodifluoromethane	0.449	0.349	-	22.3*	20	120	0
Chloromethane	0.829	0.609	-	26.5*	20	107	0
Vinyl chloride	0.578	0.437	-	24.4*	20	112	0
Bromomethane	40	33.728	-	15.7	20	114	0
Chloroethane	40	35.514	-	11.2	20	115	0
Trichlorofluoromethane	0.616	0.496	-	19.5	20	121	0
Ethyl ether	0.133	0.117	-	12	20	117	0
1,1-Dichloroethene	0.391	0.311	-	20.5*	20	117	0
Carbon disulfide	0.828	0.662	-	20	20	112	0
Freon-113	0.396	0.335	-	15.4	20	131	0
Acrolein	0.044	0.04	-	9.1	20	126	0
Methylene chloride	0.437	0.366	-	16.2	20	107	0
Acetone	0.084	0.072	-	14.3	20	114	0
trans-1,2-Dichloroethene	0.404	0.33	-	18.3	20	111	0
Methyl acetate	0.168	0.158	-	6	20	122	0
Methyl tert-butyl ether	0.613	0.579	-	5.5	20	118	0
tert-Butyl alcohol	0.029	0.026	-	10.3	20	118	0
Diisopropyl ether	1.266	1.173	-	7.3	20	115	0
1,1-Dichloroethane	0.885	0.705	-	20.3*	20	110	0
Halothane	0.304	0.251	-	17.4	20	120	0
Acrylonitrile	0.089	0.082	-	7.9	20	116	0
Ethyl tert-butyl ether	1.005	0.963	-	4.2	20	119	0
Vinyl acetate	0.603	0.574	-	4.8	20	119	0
cis-1,2-Dichloroethene	0.442	0.363	-	17.9	20	108	0
2,2-Dichloropropane	0.599	0.497	-	17	20	122	0
Bromochloromethane	0.197	0.166	-	15.7	20	111	0
Cyclohexane	0.83	0.69	-	16.9	20	129	0
Chloroform	0.715	0.567	-	20.7*	20	109	0
Ethyl acetate	0.243	0.22	-	9.5	20	118	0
Carbon tetrachloride	0.502	0.406	-	19.1	20	121	0
Tetrahydrofuran	0.091	0.083	-	8.8	20	121	0
Dibromofluoromethane	0.345	0.296	-	14.2	20	115	0
1,1,1-Trichloroethane	0.562	0.463	-	17.6	20	118	0
2-Butanone	40	35.409	-	11.5	20	124	0
1,1-Dichloropropene	40	34.715	-	13.2	20	123	0
Benzene	1.332	1.145	-	14	20	112	0
tert-Amyl methyl ether	0.708	0.641	-	9.5	20	118	0
1,2-Dichloroethane-d4	0.275	0.248	-	9.8	20	123	0
1,2-Dichloroethane	0.475	0.396	-	16.6	20	112	0
Methyl cyclohexane	40	33.69	-	15.8	20	130	0
Trichloroethene	0.355	0.311	-	12.4	20	115	0
Dibromomethane	0.207	0.177	-	14.5	20	113	0

\* Value outside of QC limits.



**Laboratory Control Sample Summary  
Form 3  
Semivolatiles**

Client : AEI Consultants	Lab Number : L2303119
Project Name : 4778 BROADWAY	Project Number : 384736
Matrix : SOIL	
LCS Sample ID : WG1735603-2	Analysis Date : 01/21/23 00:36
LCS Sample ID : WG1735603-3	Analysis Date : 01/21/23 00:53
	File ID : 735603-2
	File ID : 735603-3

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
Acenaphthene	1300	800	61	1300	830	62	2	31-137	50
1,2,4-Trichlorobenzene	1300	830	64	1300	830	63	2	38-107	50
Hexachlorobenzene	1300	970	74	1300	980	74	0	40-140	50
Bis(2-chloroethyl)ether	1300	730	56	1300	720	54	4	40-140	50
2-Chloronaphthalene	1300	920	70	1300	900	68	3	40-140	50
1,2-Dichlorobenzene	1300	700	53	1300	720	54	2	40-140	50
1,3-Dichlorobenzene	1300	720	55	1300	750	56	2	40-140	50
1,4-Dichlorobenzene	1300	710	54	1300	730	54	0	28-104	50
3,3'-Dichlorobenzidine	1300	720	55	1300	750	56	2	40-140	50
2,4-Dinitrotoluene	1300	940	71	1300	940	70	1	40-132	50
2,6-Dinitrotoluene	1300	940	72	1300	920	69	4	40-140	50
Fluoranthene	1300	890	68	1300	920	69	1	40-140	50
4-Chlorophenyl phenyl ether	1300	840	64	1300	880	66	3	40-140	50
4-Bromophenyl phenyl ether	1300	880	67	1300	910	68	1	40-140	50
Bis(2-chloroisopropyl)ether	1300	600	46	1300	610	46	0	40-140	50
Bis(2-chloroethoxy)methane	1300	860	65	1300	830	62	5	40-117	50
Hexachlorobutadiene	1300	860	65	1300	920	69	6	40-140	50
Hexachlorocyclopentadiene	1300	970	74	1300	1000	77	4	40-140	50
Hexachloroethane	1300	760	58	1300	800	60	3	40-140	50
Isophorone	1300	800	61	1300	800	60	2	40-140	50
Naphthalene	1300	780	60	1300	820	62	3	40-140	50
Nitrobenzene	1300	780	60	1300	770	58	3	40-140	50
NDPA/DPA	1300	860	65	1300	860	65	0	36-157	50
n-Nitrosodi-n-propylamine	1300	820	62	1300	820	62	0	32-121	50
Bis(2-ethylhexyl)phthalate	1300	750	57	1300	820	61	7	40-140	50
Butyl benzyl phthalate	1300	840	64	1300	900	67	5	40-140	50



# Laboratory Control Sample Summary

## Form 3

### Semivolatiles

**Client** : AEI Consultants **Lab Number** : L2303119  
**Project Name** : 4778 BROADWAY **Project Number** : 384736  
**Matrix** : SOIL  
**LCS Sample ID** : WG1735603-2 **Analysis Date** : 01/21/23 00:36 **File ID** : 735603-2  
**LCSD Sample ID** : WG1735603-3 **Analysis Date** : 01/21/23 00:53 **File ID** : 735603-3

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
Di-n-butylphthalate	1300	850	65	1300	920	69	6	40-140	50
Di-n-octylphthalate	1300	720	55	1300	820	62	12	40-140	50
Diethyl phthalate	1300	880	67	1300	910	68	1	40-140	50
Dimethyl phthalate	1300	980	75	1300	940	71	5	40-140	50
Benzo(a)anthracene	1300	830	63	1300	850	64	2	40-140	50
Benzo(a)pyrene	1300	820	62	1300	940	70	12	40-140	50
Benzo(b)fluoranthene	1300	810	62	1300	830	62	0	40-140	50
Benzo(k)fluoranthene	1300	770	59	1300	940	70	17	40-140	50
Chrysene	1300	790	60	1300	850	64	6	40-140	50
Acenaphthylene	1300	980	75	1300	950	71	5	40-140	50
Anthracene	1300	870	66	1300	900	68	3	40-140	50
Benzo(ghi)perylene	1300	800	61	1300	860	64	5	40-140	50
Fluorene	1300	820	63	1300	840	63	0	40-140	50
Phenanthrene	1300	840	64	1300	880	66	3	40-140	50
Dibenzo(a,h)anthracene	1300	820	62	1300	900	67	8	40-140	50
Indeno(1,2,3-cd)pyrene	1300	870	67	1300	950	72	7	40-140	50
Pyrene	1300	890	68	1300	930	70	3	35-142	50
Biphenyl	1300	870	66	1300	880	66	0	37-127	50
4-Chloroaniline	1300	580	44	1300	540	41	7	40-140	50
2-Nitroaniline	1300	990	76	1300	960	72	5	47-134	50
3-Nitroaniline	1300	570	44	1300	560	42	5	26-129	50
4-Nitroaniline	1300	880	67	1300	840	63	6	41-125	50
Dibenzofuran	1300	820	63	1300	840	63	0	40-140	50
2-Methylnaphthalene	1300	840	64	1300	870	65	2	40-140	50
1,2,4,5-Tetrachlorobenzene	1300	1000	78	1300	1000	77	1	40-117	50
Acetophenone	1300	880	67	1300	880	66	2	14-144	50



# Laboratory Control Sample Summary Form 3 Semivolatiles

**Client** : AEI Consultants **Lab Number** : L2303119  
**Project Name** : 4778 BROADWAY **Project Number** : 384736  
**Matrix** : SOIL  
**LCS Sample ID** : WG1735603-2 **Analysis Date** : 01/21/23 00:36 **File ID** : 735603-2  
**LCSD Sample ID** : WG1735603-3 **Analysis Date** : 01/21/23 00:53 **File ID** : 735603-3

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
2,4,6-Trichlorophenol	1300	1100	84	1300	1100	80	5	30-130	50
p-Chloro-m-cresol	1300	960	73	1300	970	72	1	26-103	50
2-Chlorophenol	1300	820	62	1300	800	60	3	25-102	50
2,4-Dichlorophenol	1300	940	72	1300	920	69	4	30-130	50
2,4-Dimethylphenol	1300	860	65	1300	800	60	8	30-130	50
2-Nitrophenol	1300	960	74	1300	920	69	7	30-130	50
4-Nitrophenol	1300	1100	83	1300	1000	76	9	11-114	50
2,4-Dinitrophenol	1300	840	64	1300	840	63	2	4-130	50
4,6-Dinitro-o-cresol	1300	950	72	1300	920	69	4	10-130	50
Pentachlorophenol	1300	940	72	1300	880	66	9	17-109	50
Phenol	1300	780	60	1300	770	58	3	26-90	50
2-Methylphenol	1300	770	59	1300	740	56	5	30-130.	50
3-Methylphenol/4-Methylphenol	1300	830	63	1300	780	59	7	30-130	50
2,4,5-Trichlorophenol	1300	1000	78	1300	940	71	9	30-130	50
Benzoic Acid	1300	990	76	1300	900	67	13	10-110	50
Benzyl Alcohol	1300	830	63	1300	780	59	7	40-140	50
Carbazole	1300	900	69	1300	920	69	0	54-128	50
1,4-Dioxane	1300	450	34 Q	1300	520	39 Q	14	40-140	50



# Surrogate Recovery Summary

## Form 2

### Semivolatiles

Client: AEI Consultants  
Project Name: 4778 BROADWAY

Lab Number: L2303119  
Project Number: 384736  
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	S1 (2FP)	S2 (PHL)	S3 (NBZ)	S4 (FBP)	S5 (TBP)	S6 (TPH)	TOT OUT
C6-PB (L2303119-01)	75	73	69	80	76	83	0
C5-PB (L2303119-02)	63	68	62	76	83	89	0
C6-SW-E (L2303119-03)	61	66	62	76	72	85	0
C6-SW-S (L2303119-04RE)	11*	45	62	70	8*	75	2
C6-SW-S (L2303119-04)	6*	31	59	68	5*	73	2
C5-SW-S (L2303119-05)	48	50	48	63	66	75	0
WG1735603-1BLANK	64	58	60	72	83	76	0
WG1735603-2LCS	63	60	62	71	87	71	0
WG1735603-3LCSD	65	58	62	73	87	76	0
WG1736069-1BLANK	71	65	71	79	83	82	0
WG1736069-2LCS	67	60	65	74	85	73	0
WG1736069-3LCSD	67	62	66	74	88	76	0

#### QC LIMITS

(25-120) 2FP = 2-FLUOROPHENOL  
 (10-120) PHL = PHENOL-D6  
 (23-120) NBZ = NITROBENZENE-D5  
 (30-120) FBP = 2-FLUOROBIPHENYL  
 (10-136) TBP = 2,4,6-TRIBROMOPHENOL  
 (18-120) TPH = 4-TERPHENYL-D14

\* Values outside of QC limits

FORM II NYTCL-8270



Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA111\2023\230118ICAL\  
 Data File : V11230118A19.D  
 Acq On : 18 Jan 2023 06:47 pm  
 Operator : VOA111:MKS  
 Sample : C8260STD40PPB  
 Misc : WG1735211  
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jan 19 11:51:31 2023  
 Quant Method : I:\VOLATILES\VOA111\2023\230118ICAL\V111\_230118\_8260.m  
 Quant Title : VOLATILES BY GC/MS  
 QLast Update : Thu Jan 19 11:49:17 2023  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 20% Max. Rel. Area : 200%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I Fluorobenzene	1.000	1.000	0.0	108	0.00
2 TP Dichlorodifluoromethane	0.234	0.208	11.1	120	0.00
3 TP Chloromethane	0.273	0.273	0.0	120	0.00
4 TC Vinyl chloride	0.337	0.312	7.4	115	0.00
5 TP Bromomethane	0.370	0.312	15.7	108	0.00
6 TP Chloroethane	0.150	0.151	-0.7	112	0.00
7 TP Trichlorofluoromethane	* 40.000	34.496	13.8	108	0.00
8 TP Ethyl ether	0.100	0.133	-33.0#	146	0.00
10 TP 1,1-Dichloroethene	0.200	0.157	21.5#	101	0.00
11 TP Carbon disulfide	0.446	0.620	-39.0#	186	0.00
12 TP Freon-113	* 40.000	33.947	15.1	112	0.00
14 TP Acrolein	0.027	0.028	-3.7	132	0.00
15 TP Methylene chloride	0.289	0.235	18.7	104	0.00
17 TP Acetone	0.068	0.054	20.6#	95	0.00
18 TP trans-1,2-Dichloroethene	0.238	0.208	12.6	107	-0.01
19 TP Methyl acetate	0.131	0.124	5.3	111	0.00
20 TP Methyl tert-butyl ether	0.562	0.634	-12.8	129	-0.01
21 TP tert-Butyl alcohol	0.022	0.025	-13.6	123	0.00
22 TP Diisopropyl ether	0.743	0.747	-0.5	113	0.00
23 TC 1,1-Dichloroethane	0.431	0.393	8.8	107	0.00
24 TP Halothane	0.180	0.146	18.9	107	0.00
25 TP Acrylonitrile	0.057	0.065	-14.0	124	0.00
26 TP Ethyl tert-butyl ether	0.732	0.731	0.1	113	0.00
27 TP Vinyl acetate	0.472	0.420	11.0	101	0.00
28 TP cis-1,2-Dichloroethene	0.270	0.237	12.2	102	0.00
29 TP 2,2-Dichloropropane	0.353	0.286	19.0	103	0.00
30 TP Bromochloromethane	0.125	0.110	12.0	99	0.00
31 TP Cyclohexane	* 40.000	32.315	19.2	108	0.00
32 TC Chloroform	0.454	0.412	9.3	107	0.00
33 TP Ethyl acetate	0.198	0.184	7.1	105	0.00
34 TP Carbon tetrachloride	0.310	0.246	20.6#	104	0.00
35 TP Tetrahydrofuran	0.053	0.058	-9.4	124	-0.01
36 S Dibromofluoromethane	0.257	0.251	2.3	107	0.00
37 TP 1,1,1-Trichloroethane	0.338	0.303	10.4	112	-0.01
39 TP 2-Butanone	0.088	0.081	8.0	103	-0.01
40 TP 1,1-Dichloropropene	* 40.000	33.026	17.4	103	-0.01
41 TP Benzene	0.945	0.852	9.8	106	0.00
42 TP tert-Amyl methyl ether	0.670	0.673	-0.4	112	-0.01
43 S 1,2-Dichloroethane-d4	0.254	0.248	2.4	107	-0.01

# Laboratory Control Sample Summary

## Form 3

### Semivolatiles

**Client** : AEI Consultants **Lab Number** : L2305781  
**Project Name** : BROADWAY NYC **Project Number** : 384736  
**Matrix** : SOIL  
**LCS Sample ID** : WG1741456-2 **Analysis Date** : 02/07/23 09:21 **File ID** : 741456-2  
**LCSD Sample ID** : WG1741456-3 **Analysis Date** : 02/07/23 09:37 **File ID** : 741456-3

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
Di-n-butylphthalate	1300	910	69	1300	880	67	3	40-140	50
Di-n-octylphthalate	1300	990	74	1300	960	73	1	40-140	50
Diethyl phthalate	1300	850	64	1300	840	64	0	40-140	50
Dimethyl phthalate	1300	840	63	1300	790	60	5	40-140	50
Benzo(a)anthracene	1300	900	68	1300	840	64	6	40-140	50
Benzo(a)pyrene	1300	980	74	1300	940	72	3	40-140	50
Benzo(b)fluoranthene	1300	900	68	1300	840	64	6	40-140	50
Benzo(k)fluoranthene	1300	980	74	1300	950	72	3	40-140	50
Chrysene	1300	880	66	1300	840	64	3	40-140	50
Acenaphthylene	1300	850	64	1300	810	62	3	40-140	50
Anthracene	1300	900	67	1300	850	65	3	40-140	50
Benzo(ghi)perylene	1300	940	71	1300	870	66	7	40-140	50
Fluorene	1300	870	65	1300	810	62	5	40-140	50
Phenanthrene	1300	890	67	1300	840	64	5	40-140	50
Dibenzo(a,h)anthracene	1300	910	69	1300	860	65	6	40-140	50
Indeno(1,2,3-cd)pyrene	1300	1000	75	1300	940	71	5	40-140	50
Pyrene	1300	840	63	1300	820	63	0	35-142	50
Biphenyl	1300	870	66	1300	830	63	5	37-127	50
4-Chloroaniline	1300	420	32 Q	1300	350	27 Q	17	40-140	50
2-Nitroaniline	1300	880	66	1300	890	68	3	47-134	50
3-Nitroaniline	1300	580	44	1300	500	38	15	26-129	50
4-Nitroaniline	1300	870	66	1300	850	65	2	41-125	50
Dibenzofuran	1300	890	67	1300	850	65	3	40-140	50
2-Methylnaphthalene	1300	860	65	1300	820	63	3	40-140	50
1,2,4,5-Tetrachlorobenzene	1300	900	68	1300	820	62	9	40-117	50
Acetophenone	1300	940	71	1300	880	67	6	14-144	50



**Laboratory Control Sample Summary  
Form 3  
Semivolatiles**

Client : AEI Consultants Lab Number : L2305781  
 Project Name : BROADWAY NYC Project Number : 384736  
 Matrix : SOIL  
 LCS Sample ID : WG1741456-2 Analysis Date : 02/07/23 09:21 File ID : 741456-2  
 LCSD Sample ID : WG1741456-3 Analysis Date : 02/07/23 09:37 File ID : 741456-3

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
2,4,6-Trichlorophenol	1300	890	67	1300	860	66	2	30-130	50
p-Chloro-m-cresol	1300	910	68	1300	860	65	5	26-103	50
2-Chlorophenol	1300	920	70	1300	860	66	6	25-102	50
2,4-Dichlorophenol	1300	880	66	1300	810	62	6	30-130	50
2,4-Dimethylphenol	1300	840	63	1300	790	60	5	30-130	50
2-Nitrophenol	1300	960	72	1300	880	67	7	30-130	50
4-Nitrophenol	1300	830	63	1300	840	64	2	11-114	50
2,4-Dinitrophenol	1300	760	57	1300	750	57	0	4-130	50
4,6-Dinitro-o-cresol	1300	960	72	1300	940	71	1	10-130	50
Pentachlorophenol	1300	800	60	1300	810	62	3	17-109	50
Phenol	1300	880	66	1300	820	63	5	26-90	50
2-Methylphenol	1300	840	64	1300	800	61	5	30-130.	50
3-Methylphenol/4-Methylphenol	1300	850	64	1300	820	62	3	30-130	50
2,4,5-Trichlorophenol	1300	900	68	1300	870	66	3	30-130	50
Benzoic Acid	1300	290	22	1300	330	25	13	10-110	50
Benzyl Alcohol	1300	850	64	1300	810	61	5	40-140	50
Carbazole	1300	890	67	1300	860	65	3	54-128	50
1,4-Dioxane	1300	720	54	1300	710	54	0	40-140	50





Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA110\2022\220822NICAL\  
 Data File : V10220822N18.D  
 Acq On : 23 Aug 2022 2:03 am  
 Operator : VOA110:JC  
 Sample : C8260STD40PPB  
 Misc : WG1678583,ICAL  
 ALS Vial : 18 Sample Multiplier: 1

Quant Time: Aug 23 09:34:55 2022  
 Quant Method : I:\VOLATILES\VOA110\2022\220822NICAL\V110\_220822N\_8260.m  
 Quant Title : VOLATILES BY GC/MS  
 QLast Update : Tue Aug 23 09:34:28 2022  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 20% Max. Rel. Area : 200%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I Fluorobenzene	1.000	1.000	0.0	96	0.00
2 TP Dichlorodifluoromethane	0.171	0.214	-25.1#	121	0.00
3 TP Chloromethane	0.194	0.229	-18.0	119	0.00
4 TC Vinyl chloride	0.280	0.315	-12.5	105	0.00
5 TP Bromomethane	0.159	0.178	-11.9	114	0.00
6 TP Chloroethane	0.253	0.270	-6.7	105	0.00
7 TP Trichlorofluoromethane	0.452	0.503	-11.3	107	0.00
8 TP Ethyl ether	0.194	0.230	-18.6	116	0.00
10 TC 1,1-Dichloroethene	0.282	0.272	3.5	95	0.00
11 TP Carbon disulfide	0.898	0.983	-9.5	117	0.00
12 TP Freon-113	0.293	0.289	1.4	97	0.00
14 TP Acrolein	0.069	0.050	27.5#	80	0.00
15 TP Methylene chloride	0.322	0.327	-1.6	93	0.00
17 TP Acetone	* 40.000	63.049	-57.6#	108	0.00
18 TP trans-1,2-Dichloroethene	0.193	0.193	0.0	96	0.00
19 TP Methyl acetate	0.156	0.144	7.7	91	0.00
20 TP Methyl tert-butyl ether	0.601	0.645	-7.3	103	0.00
21 TP tert-Butyl alcohol	0.031	0.032	-3.2	95	0.00
22 TP Diisopropyl ether	0.631	0.623	1.3	96	0.00
23 TP 1,1-Dichloroethane	0.366	0.360	1.6	96	0.00
24 TP Halothane	0.148	0.144	2.7	96	0.00
25 TP Acrylonitrile	0.068	0.070	-2.9	99	0.00
26 TP Ethyl tert-butyl ether	0.690	0.678	1.7	95	0.00
27 TP Vinyl acetate	0.465	0.428	8.0	90	0.00
28 TP cis-1,2-Dichloroethene	0.233	0.225	3.4	93	0.00
29 TP 2,2-Dichloropropane	0.305	0.291	4.6	94	0.00
30 TP Bromochloromethane	0.112	0.105	6.3	92	0.00
31 TP Cyclohexane	0.341	0.320	6.2	90	0.00
32 TC Chloroform	0.378	0.374	1.1	96	0.00
33 TP Ethyl acetate	0.244	0.231	5.3	94	0.00
34 TP Carbon tetrachloride	0.275	0.277	-0.7	97	0.00
35 TP Tetrahydrofuran	0.074	0.071	4.1	99	0.00
36 S Dibromofluoromethane	0.237	0.235	0.8	97	0.00
37 TP 1,1,1-Trichloroethane	0.305	0.321	-5.2	99	0.00
39 TP 2-Butanone	0.111	0.101	9.0	96	0.00
40 TP 1,1-Dichloropropene	0.275	0.285	-3.6	99	0.00
41 TP Benzene	0.881	0.870	1.2	94	0.00
42 TP tert-Amyl methyl ether	0.699	0.681	2.6	92	0.00
43 S 1,2-Dichloroethane-d4	0.274	0.268	2.2	95	0.00

# Calibration Verification Summary

## Form 7

### Volatiles

Client : AEI Consultants  
 Project Name : 4778 BROADWAY  
 Instrument ID : VOA110  
 Lab File ID : V10230302A01  
 Sample No : WG1750570-2  
 Channel :

Lab Number : L2310213  
 Project Number : 384736  
 Calibration Date : 03/02/23 07:15  
 Init. Calib. Date(s) : 08/22/22 08/22/22  
 Init. Calib. Times : 19:09 23:46

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	139	0
Dichlorodifluoromethane	0.171	0.16	-	6.4	20	130	0
Chloromethane	0.194	0.206	-	-6.2	20	154	0
Vinyl chloride	0.28	0.217	-	22.5*	20	104	0
Bromomethane	0.159	0.174	-	-9.4	20	161	0
Chloroethane	0.253	0.197	-	22.1*	20	110	0
Trichlorofluoromethane	0.452	0.394	-	12.8	20	121	0
Ethyl ether	0.194	0.134	-	30.9*	20	97	0
1,1-Dichloroethene	0.282	0.23	-	18.4	20	116	0
Carbon disulfide	0.898	0.714	-	20.5*	20	122	0
Freon-113	0.293	0.248	-	15.4	20	119	0
Acrolein	0.069	0.051	-	26.1*	20	117	0
Methylene chloride	0.322	0.241	-	25.2*	20	98	0
Acetone	40	56.549	-	-41.4*	20	138	0
trans-1,2-Dichloroethene	0.193	0.204	-	-5.7	20	147	0
Methyl acetate	0.156	0.169	-	-8.3	20	153	0
Methyl tert-butyl ether	0.601	0.544	-	9.5	20	125	0
tert-Butyl alcohol	0.031	0.034	-	-9.7	20	145	0
Diisopropyl ether	0.631	0.692	-	-9.7	20	154	0
1,1-Dichloroethane	0.366	0.345	-	5.7	20	133	0
Halothane	0.148	0.163	-	-10.1	20	156	0
Acrylonitrile	0.068	0.075	-	-10.3	20	151	-0.01
Ethyl tert-butyl ether	0.69	0.662	-	4.1	20	133	0
Vinyl acetate	0.465	0.566	-	-21.7*	20	170	-0.01
cis-1,2-Dichloroethene	0.233	0.227	-	2.6	20	135	0
2,2-Dichloropropane	0.305	0.307	-	-0.7	20	143	-0.01
Bromochloromethane	0.112	0.123	-	-9.8	20	155	0
Cyclohexane	0.341	0.341	-	0	20	138	0
Chloroform	0.378	0.349	-	7.7	20	128	0
Ethyl acetate	0.244	0.253	-	-3.7	20	148	-0.01
Carbon tetrachloride	0.275	0.288	-	-4.7	20	145	0
Tetrahydrofuran	0.074	0.076	-	-2.7	20	154	0
Dibromofluoromethane	0.237	0.256	-	-8	20	152	-0.01
1,1,1-Trichloroethane	0.305	0.307	-	-0.7	20	136	0
2-Butanone	0.111	0.11	-	0.9	20	150	0
1,1-Dichloropropene	0.275	0.257	-	6.5	20	128	-0.01
Benzene	0.881	0.77	-	12.6	20	120	-0.01
tert-Amyl methyl ether	0.699	0.61	-	12.7	20	119	-0.01
1,2-Dichloroethane-d4	0.274	0.259	-	5.5	20	132	0
1,2-Dichloroethane	0.302	0.274	-	9.3	20	125	0
Methyl cyclohexane	0.392	0.364	-	7.1	20	126	-0.01
Trichloroethene	0.223	0.216	-	3.1	20	133	-0.01
Dibromomethane	0.141	0.135	-	4.3	20	129	0

\* Value outside of QC limits.



# Calibration Verification Summary

## Form 7

### Volatiles

Client : AEI Consultants  
 Project Name : 4778 BROADWAY  
 Instrument ID : VOA110  
 Lab File ID : V10230302A01  
 Sample No : WG1750570-2  
 Channel :

Lab Number : L2310213  
 Project Number : 384736  
 Calibration Date : 03/02/23 07:15  
 Init. Calib. Date(s) : 08/22/22 08/22/22  
 Init. Calib. Times : 19:09 23:46

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.227	0.205	-	9.7	20	126	-.01
2-Chloroethyl vinyl ether	0.144	0.123	-	14.6	20	110	-.01
Bromodichloromethane	0.306	0.278*	-	9.2	20	123	0
1,4-Dioxane	0.00287	0.00281*	-	2.1	20	130	0
cis-1,3-Dichloropropene	0.371	0.335	-	9.7	20	120	-.01
Chlorobenzene-d5	1	1	-	0	20	143	-.01
Toluene-d8	1.301	1.205	-	7.4	20	134	-.01
Toluene	0.767	0.664	-	13.4	20	127	0
4-Methyl-2-pentanone	0.124	0.11	-	11.3	20	120	-.01
Tetrachloroethene	0.297	0.312	-	-5.1	20	148	0
trans-1,3-Dichloropropene	0.457	0.4	-	12.5	20	122	0
Ethyl methacrylate	0.401	0.319	-	20.4*	20	110	-.01
1,1,2-Trichloroethane	0.226	0.193*	-	14.6	20	120	-.01
Chlorodibromomethane	0.299	0.295	-	1.3	20	135	0
1,3-Dichloropropane	0.475	0.4	-	15.8	20	120	0
1,2-Dibromoethane	0.272	0.254	-	6.6	20	129	-.01
2-Hexanone	0.224	0.209	-	6.7	20	135	-.01
Chlorobenzene	0.833	0.811	-	2.6	20	137	-.01
Ethylbenzene	1.408	1.235	-	12.3	20	124	0
1,1,1,2-Tetrachloroethane	0.291	0.294	-	-1	20	137	-.01
p/m Xylene	0.557	0.53	-	4.8	20	130	-.01
o Xylene	0.539	0.511	-	5.2	20	128	-.01
Styrene	0.909	0.879	-	3.3	20	126	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	144	-.01
Bromoform	0.422	0.376	-	10.9	20	127	0
Isopropylbenzene	2.515	2.311	-	8.1	20	132	-.01
4-Bromofluorobenzene	0.834	0.73	-	12.5	20	130	0
Bromobenzene	0.668	0.626	-	6.3	20	134	-.01
n-Propylbenzene	2.944	2.609	-	11.4	20	128	0
1,4-Dichlorobutane	0.817	0.7	-	14.3	20	125	0
1,1,2,2-Tetrachloroethane	0.705	0.591	-	16.2	20	121	0
4-Ethyltoluene	2.463	2.328	-	5.5	20	136	0
2-Chlorotoluene	1.754	1.517	-	13.5	20	127	0
1,3,5-Trimethylbenzene	2.133	1.974	-	7.5	20	131	0
1,2,3-Trichloropropane	0.588	0.46	-	21.8*	20	113	-.01
trans-1,4-Dichloro-2-buten	0.2	0.199	-	0.5	20	142	-.01
4-Chlorotoluene	1.793	1.595	-	11	20	127	0
tert-Butylbenzene	1.834	1.76	-	4	20	136	-.01
1,2,4-Trimethylbenzene	2.109	1.975	-	6.4	20	133	-.01
sec-Butylbenzene	2.71	2.597	-	4.2	20	135	0
p-Isopropyltoluene	2.327	2.33	-	-0.1	20	141	0
1,3-Dichlorobenzene	1.245	1.253	-	-0.6	20	144	-.01
1,4-Dichlorobenzene	1.293	1.276	-	1.3	20	143	-.01

\* Value outside of QC limits.



# Surrogate Recovery Summary

## Form 2

### Semivolatiles

Client: AEI Consultants  
 Project Name: 4778 BROADWAY

Lab Number: L2310213  
 Project Number: 384736  
 Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	S1 (2FP)	S2 (PHL)	S3 (NBZ)	S4 (FBP)	S5 (TBP)	S6 (TPH)	TOT OUT
A3-PB (L2310213-01)	56	57	57	59	58	59	0
B3-PB (L2310213-02)	64	60	57	65	70	67	0
C3-PB (L2310213-03)	52	51	49	55	63	56	0
C3-SW-S (L2310213-04)	60	58	41	59	57	54	0
WG1749782-1BLANK	68	63	59	72	78	77	0
WG1749782-2LCS	69	66	64	71	84	72	0
WG1749782-3LCSD	64	61	60	66	77	67	0

**QC LIMITS**

- (25-120) 2FP = 2-FLUOROPHENOL
- (10-120) PHL = PHENOL-D6
- (23-120) NBZ = NITROBENZENE-D5
- (30-120) FBP = 2-FLUOROBIPHENYL
- (10-136) TBP = 2,4,6-TRIBROMOPHENOL
- (18-120) TPH = 4-TERPHENYL-D14

\* Values outside of QC limits

FORM II NYTCL-8270



# Laboratory Control Sample Summary

## Form 3

### Semivolatiles

**Client** : AEI Consultants **Lab Number** : L2310213  
**Project Name** : 4778 BROADWAY **Project Number** : 384736  
**Matrix** : SOIL  
**LCS Sample ID** : WG1749782-2 **Analysis Date** : 03/03/23 10:01 **File ID** : 749782-2  
**LCSD Sample ID** : WG1749782-3 **Analysis Date** : 03/03/23 10:18 **File ID** : 749782-3

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
Acenaphthene	1300	910	69	1300	860	66	4	31-137	50
1,2,4-Trichlorobenzene	1300	890	68	1300	850	65	5	38-107	50
Hexachlorobenzene	1300	1000	78	1300	940	72	8	40-140	50
Bis(2-chloroethyl)ether	1300	780	59	1300	720	55	7	40-140	50
2-Chloronaphthalene	1300	940	72	1300	900	69	4	40-140	50
1,2-Dichlorobenzene	1300	830	63	1300	780	60	5	40-140	50
1,3-Dichlorobenzene	1300	820	62	1300	780	60	3	40-140	50
1,4-Dichlorobenzene	1300	820	62	1300	770	59	5	28-104	50
3,3'-Dichlorobenzidine	1300	740	56	1300	700	54	4	40-140	50
2,4-Dinitrotoluene	1300	1400	104	1300	1200	96	8	40-132	50
2,6-Dinitrotoluene	1300	1300	98	1300	1200	91	7	40-140	50
Fluoranthene	1300	1000	77	1300	950	73	5	40-140	50
4-Chlorophenyl phenyl ether	1300	990	75	1300	910	70	7	40-140	50
4-Bromophenyl phenyl ether	1300	1000	78	1300	940	72	8	40-140	50
Bis(2-chloroisopropyl)ether	1300	600	46	1300	560	43	7	40-140	50
Bis(2-chloroethoxy)methane	1300	850	64	1300	780	60	6	40-117	50
Hexachlorobutadiene	1300	930	71	1300	890	68	4	40-140	50
Hexachlorocyclopentadiene	1300	1000	79	1300	990	76	4	40-140	50
Hexachloroethane	1300	850	64	1300	780	60	6	40-140	50
Isophorone	1300	800	60	1300	750	57	5	40-140	50
Naphthalene	1300	870	66	1300	820	63	5	40-140	50
Nitrobenzene	1300	840	64	1300	770	59	8	40-140	50
NDPA/DPA	1300	1000	76	1300	910	70	8	36-157	50
n-Nitrosodi-n-propylamine	1300	800	60	1300	750	57	5	32-121	50
Bis(2-ethylhexyl)phthalate	1300	1100	85	1300	1000	81	5	40-140	50
Butyl benzyl phthalate	1300	1100	86	1300	1000	80	7	40-140	50



# Laboratory Control Sample Summary

## Form 3

### Semivolatiles

**Client** : AEI Consultants **Lab Number** : L2310213  
**Project Name** : 4778 BROADWAY **Project Number** : 384736  
**Matrix** : SOIL  
**LCS Sample ID** : WG1749782-2 **Analysis Date** : 03/03/23 10:01 **File ID** : 749782-2  
**LCSD Sample ID** : WG1749782-3 **Analysis Date** : 03/03/23 10:18 **File ID** : 749782-3

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
Di-n-butylphthalate	1300	1100	81	1300	1000	77	5	40-140	50
Di-n-octylphthalate	1300	1200	92	1300	1100	86	7	40-140	50
Diethyl phthalate	1300	1000	77	1300	920	71	8	40-140	50
Dimethyl phthalate	1300	1000	79	1300	970	75	5	40-140	50
Benzo(a)anthracene	1300	1000	77	1300	950	73	5	40-140	50
Benzo(a)pyrene	1300	1100	82	1300	1000	77	6	40-140	50
Benzo(b)fluoranthene	1300	990	75	1300	900	69	8	40-140	50
Benzo(k)fluoranthene	1300	1100	85	1300	1000	81	5	40-140	50
Chrysene	1300	990	75	1300	900	69	8	40-140	50
Acenaphthylene	1300	1000	75	1300	920	70	7	40-140	50
Anthracene	1300	980	75	1300	930	71	5	40-140	50
Benzo(ghi)perylene	1300	980	74	1300	900	69	7	40-140	50
Fluorene	1300	950	72	1300	870	67	7	40-140	50
Phenanthrene	1300	950	72	1300	890	69	4	40-140	50
Dibenzo(a,h)anthracene	1300	970	74	1300	890	68	8	40-140	50
Indeno(1,2,3-cd)pyrene	1300	1100	82	1300	970	75	9	40-140	50
Pyrene	1300	1000	79	1300	960	74	7	35-142	50
Biphenyl	1300	960	73	1300	910	70	4	37-127	50
4-Chloroaniline	1300	400	30 Q	1300	320	25 Q	18	40-140	50
2-Nitroaniline	1300	1200	94	1300	1200	89	5	47-134	50
3-Nitroaniline	1300	720	55	1300	680	52	6	26-129	50
4-Nitroaniline	1300	1100	84	1300	1000	78	7	41-125	50
Dibenzofuran	1300	950	72	1300	880	67	7	40-140	50
2-Methylnaphthalene	1300	910	69	1300	880	68	1	40-140	50
1,2,4,5-Tetrachlorobenzene	1300	980	74	1300	940	72	3	40-117	50
Acetophenone	1300	920	70	1300	860	66	6	14-144	50



## Laboratory Control Sample Summary Form 3 Semivolatiles

Client	: AEI Consultants	Lab Number	: L2310213
Project Name	: 4778 BROADWAY	Project Number	: 384736
Matrix	: SOIL		
LCS Sample ID	: WG1749782-2	Analysis Date	: 03/03/23 10:01
		File ID	: 749782-2
LCSD Sample ID	: WG1749782-3	Analysis Date	: 03/03/23 10:18
		File ID	: 749782-3

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
2,4,6-Trichlorophenol	1300	1100	83	1300	1000	81	2	30-130	50
p-Chloro-m-cresol	1300	1000	77	1300	970	74	4	26-103	50
2-Chlorophenol	1300	950	72	1300	890	68	6	25-102	50
2,4-Dichlorophenol	1300	1000	76	1300	950	73	4	30-130	50
2,4-Dimethylphenol	1300	860	65	1300	820	63	3	30-130	50
2-Nitrophenol	1300	1200	89	1300	1100	86	3	30-130	50
4-Nitrophenol	1300	870	66	1300	810	62	6	11-114	50
2,4-Dinitrophenol	1300	930	70	1300	880	67	4	4-130	50
4,6-Dinitro-o-cresol	1300	1500	115	1300	1400	107	7	10-130	50
Pentachlorophenol	1300	980	75	1300	910	70	7	17-109	50
Phenol	1300	930	70	1300	880	67	4	26-90	50
2-Methylphenol	1300	880	66	1300	800	62	6	30-130.	50
3-Methylphenol/4-Methylphenol	1300	900	68	1300	840	64	6	30-130	50
2,4,5-Trichlorophenol	1300	1200	88	1300	1100	82	7	30-130	50
Benzoic Acid	1300	ND	0 Q	1300	ND	0 Q	NC	10-110	50
Benzyl Alcohol	1300	830	63	1300	770	59	7	40-140	50
Carbazole	1300	990	75	1300	920	71	5	54-128	50
1,4-Dioxane	1300	590	45	1300	560	43	5	40-140	50



Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA123\2022\221117ICAL\  
 Data File : V23221117A21.D  
 Acq On : 17 Nov 2022 09:39 pm  
 Operator : VOA123:JIC  
 Sample : C8260STD40PPB  
 Misc : WG1713981,ICAL  
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 18 09:45:38 2022  
 Quant Method : I:\VOLATILES\VOA123\2022\221117ICAL\V123\_221117A\_8260.m  
 Quant Title : VOLATILES BY GC/MS  
 QLast Update : Fri Nov 18 09:43:03 2022  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 20% Max. Rel. Area : 200%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I Fluorobenzene	1.000	1.000	0.0	98	0.00
2 TP Dichlorodifluoromethane	0.225	0.306	-36.0#	121	0.00
3 TP Chloromethane	0.297	0.366	-23.2#	118	0.00
4 TC Vinyl chloride	0.287	0.346	-20.6#	109	0.00
5 TP Bromomethane	0.162	0.181	-11.7	115	0.00
6 TP Chloroethane	0.182	0.206	-13.2	101	0.00
7 TP Trichlorofluoromethane	0.369	0.408	-10.6	99	0.00
8 TP Ethyl ether	0.133	0.171	-28.6#	120	0.00
10 TC 1,1-Dichloroethene	0.257	0.263	-2.3	92	0.00
11 TP Carbon disulfide	0.627	0.904	-44.2#	144	0.00
12 TP Freon-113	0.265	0.300	-13.2	101	0.00
14 TP Acrolein	0.037	0.018	51.4#	43#	0.00
15 TP Methylene chloride	0.361	0.331	8.3	95	0.00
17 TP Acetone	* 40.000	37.938	5.2	85	0.00
18 TP trans-1,2-Dichloroethene	0.311	0.314	-1.0	94	0.00
19 TP Methyl acetate	0.149	0.145	2.7	94	0.00
20 TP Methyl tert-butyl ether	0.693	0.770	-11.1	101	0.00
21 TP tert-Butyl alcohol	0.026	0.024	7.7	69	0.00
22 TP Diisopropyl ether	0.896	0.953	-6.4	95	0.00
23 TP 1,1-Dichloroethane	0.554	0.586	-5.8	99	0.00
24 TP Halothane	0.223	0.243	-9.0	97	0.00
25 TP Acrylonitrile	0.066	0.076	-15.2	95	0.00
26 TP Ethyl tert-butyl ether	0.914	0.934	-2.2	90	0.00
27 TP Vinyl acetate	0.527	0.457	13.3	78	0.00
28 TP cis-1,2-Dichloroethene	0.350	0.345	1.4	92	0.00
29 TP 2,2-Dichloropropane	0.453	0.452	0.2	92	0.00
30 TP Bromochloromethane	0.158	0.148	6.3	85	0.00
31 TP Cyclohexane	0.475	0.536	-12.8	100	0.00
32 TC Chloroform	0.562	0.568	-1.1	94	0.00
33 TP Ethyl acetate	0.231	0.218	5.6	86	0.00
34 TP Carbon tetrachloride	0.374	0.382	-2.1	91	0.00
35 TP Tetrahydrofuran	0.062	0.063	-1.6	87	0.00
36 S Dibromofluoromethane	0.254	0.248	2.4	96	0.00
37 TP 1,1,1-Trichloroethane	0.424	0.467	-10.1	98	0.00
39 TP 2-Butanone	0.102	0.085	16.7	75	0.00
40 TP 1,1-Dichloropropene	0.380	0.411	-8.2	93	0.00
41 TP Benzene	1.229	1.260	-2.5	94	0.00
42 TP tert-Amyl methyl ether	0.835	0.807	3.4	83	0.00
43 S 1,2-Dichloroethane-d4	0.239	0.233	2.5	96	0.00



# Calibration Verification Summary

## Form 7

### Volatiles

Client : AEI Consultants  
 Project Name : 4778 BROADWAY  
 Instrument ID : VOA123  
 Lab File ID : V23230307N02  
 Sample No : WG1752413-2  
 Channel :

Lab Number : L2311267  
 Project Number : 384736  
 Calibration Date : 03/07/23 20:15  
 Init. Calib. Date(s) : 11/17/22 11/17/22  
 Init. Calib. Times : 14:15 19:02

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	93	0
Dichlorodifluoromethane	0.225	0.25	-	-11.1	20	94	0
Chloromethane	0.297	0.423	-	-42.4*	20	130	0
Vinyl chloride	0.287	0.321	-	-11.8	20	96	0
Bromomethane	0.162	0.159	-	1.9	20	96	0
Chloroethane	0.182	0.189	-	-3.8	20	88	0
Trichlorofluoromethane	0.369	0.308	-	16.5	20	71	0
Ethyl ether	0.133	0.137	-	-3	20	92	0
1,1-Dichloroethene	0.257	0.229	-	10.9	20	76	0
Carbon disulfide	0.627	0.923	-	-47.2*	20	140	0
Freon-113	0.265	0.236	-	10.9	20	75	0
Acrolein	0.037	0.039	-	-5.4	20	90	0
Methylene chloride	0.361	0.297	-	17.7	20	81	0
Acetone	40	47.98	-	-19.9	20	102	-.01
trans-1,2-Dichloroethene	0.311	0.264	-	15.1	20	75	0
Methyl acetate	0.149	0.184	-	-23.5*	20	113	-.01
Methyl tert-butyl ether	0.693	0.689	-	0.6	20	86	0
tert-Butyl alcohol	0.026	0.027	-	-3.8	20	73	-.01
Diisopropyl ether	0.896	1.19	-	-32.8*	20	113	0
1,1-Dichloroethane	0.554	0.573	-	-3.4	20	92	0
Halothane	0.223	0.17	-	23.8*	20	65	0
Acrylonitrile	0.066	0.084	-	-27.3*	20	99	0
Ethyl tert-butyl ether	0.914	1.007	-	-10.2	20	93	0
Vinyl acetate	0.527	0.629	-	-19.4	20	102	-.01
cis-1,2-Dichloroethene	0.35	0.294	-	16	20	74	0
2,2-Dichloropropane	0.453	0.414	-	8.6	20	80	0
Bromochloromethane	0.158	0.115	-	27.2*	20	63	0
Cyclohexane	0.475	0.58	-	-22.1*	20	103	0
Chloroform	0.562	0.484	-	13.9	20	76	0
Ethyl acetate	0.231	0.273	-	-18.2	20	102	0
Carbon tetrachloride	0.374	0.289	-	22.7*	20	66	0
Tetrahydrofuran	0.062	0.085	-	-37.1*	20	112	-.01
Dibromofluoromethane	0.254	0.222	-	12.6	20	82	-.01
1,1,1-Trichloroethane	0.424	0.359	-	15.3	20	72	-.01
2-Butanone	0.102	0.127	-	-24.5*	20	107	0
1,1-Dichloropropene	0.38	0.388	-	-2.1	20	84	0
Benzene	1.229	1.175	-	4.4	20	84	-.01
tert-Amyl methyl ether	0.835	0.83	-	0.6	20	81	0
1,2-Dichloroethane-d4	0.239	0.264	-	-10.5	20	104	-.01
1,2-Dichloroethane	0.385	0.363	-	5.7	20	82	0
Methyl cyclohexane	0.52	0.498	-	4.2	20	82	0
Trichloroethene	0.323	0.284	-	12.1	20	74	0
Dibromomethane	0.183	0.152	-	16.9	20	68	-.01

\* Value outside of QC limits.



# Calibration Verification Summary

## Form 7

### Volatiles

**Client** : AEI Consultants  
**Project Name** : 4778 BROADWAY  
**Instrument ID** : VOA123  
**Lab File ID** : V23230307N02  
**Sample No** : WG1752413-2  
**Channel** :

**Lab Number** : L2311267  
**Project Number** : 384736  
**Calibration Date** : 03/07/23 20:15  
**Init. Calib. Date(s)** : 11/17/22 11/17/22  
**Init. Calib. Times** : 14:15 19:02

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	1.998	2.015	-	-0.9	20	64	-.01
n-Butylbenzene	2.982	3.48	-	-16.7	20	74	0
1,2-Dichlorobenzene	1.688	1.505	-	10.8	20	57	-.01
1,2,4,5-Tetramethylbenzene	3.17	3.135	-	1.1	20	62	0
1,2-Dibromo-3-chloropropan	0.131	0.099	-	24.4*	20	45	0
1,3,5-Trichlorobenzene	1.384	1.179	-	14.8	20	54	0
Hexachlorobutadiene	0.692	0.544	-	21.4*	20	51	0
1,2,4-Trichlorobenzene	1.242	1.07	-	13.8	20	55	0
Naphthalene	2.423	2.268	-	6.4	20	57	-.01
1,2,3-Trichlorobenzene	1.117	0.949	-	15	20	55	0

\* Value outside of QC limits.





# Calibration Verification Summary

## Form 7

### Semivolatiles

Client : AEI Consultants  
 Project Name : 4778 BROADWAY  
 Instrument ID : MORK  
 Lab File ID : ABN0308N  
 Sample No : WG1752585-3  
 Channel :

Lab Number : L2311267  
 Project Number : 384736  
 Calibration Date : 03/08/23 23:50  
 Init. Calib. Date(s) : 12/12/22 12/13/22  
 Init. Calib. Times : 13:24 02:15

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Acenaphthylene	1.083	0.962	-	11.2	20	71	0
2,6-Dinitrotoluene	0.182	0.159	-	12.6	20	68	0
1,2-Dinitrobenzene	0.067	0.06	-	10.4	20	73	0
IS1_Acenaphthene-d10	1	1	-	0	20	83	0
3-Nitroaniline	0.333	0.304	-	8.7	20	72	0
Acenaphthene	1.116	0.942	-	15.6	20	69	0
2,4-Dinitrophenol	50	45.93	-	8.1	20	75	0
Dibenzofuran	1.762	1.518	-	13.8	20	69	0
2,4-Dinitrotoluene	0.431	0.376	-	12.8	20	69	0
4-Nitrophenol	0.258	0.211	-	18.2	20	63	0
2,3,5,6-Tetrachlorophenol	0.412	0.379	-	8	20	71	0
2,3,4,6-Tetrachlorophenol	0.416	0.37	-	11.1	20	69	0
Diethyl phthalate	1.445	1.27	-	12.1	20	72	0
Fluorene	1.397	1.209	-	13.5	20	70	0
4-Chlorophenyl phenyl ethe	0.689	0.595	-	13.6	20	68	0
4-Nitroaniline	0.336	0.301	-	10.4	20	73	0
4,6-Dinitro-o-cresol	0.247	0.242	-	2	20	75	0
NDPA/DPA	1.176	1.049	-	10.8	20	71	0
Azobenzene	1.298	1.038	-	20	20	67	0
2,4,6-Tribromophenol	0.297	0.262	-	11.8	20	70	0
4-Bromophenyl phenyl ether	0.49	0.415	-	15.3	20	69	0
Hexachlorobenzene	0.59	0.518	-	12.2	20	70	0
Pentachlorophenol	0.325	0.326	-	-0.3	20	76	0
IS1_Phenanthrene-d10	1	1	-	0	20	85	0
Phenanthrene	1.035	0.859	-	17	20	71	0
Anthracene	1.044	0.894	-	14.4	20	71	0
Carbazole	0.958	0.807	-	15.8	20	70	0
Di-n-butylphthalate	1.155	1.014	-	12.2	20	73	0
Fluoranthene	1.232	1.059	-	14	20	72	0
Benzidine	0.83	0.737	-	11.2	20	74	0
Pyrene	1.299	1.1	-	15.3	20	73	0
4-Terphenyl-d14	1.004	0.89	-	11.4	20	75	0
Butyl benzyl phthalate	0.543	0.483	-	11	20	74	0
IS1_Chrysene-d12	1	1	-	0	20	90	0
Benzo(a)anthracene	1.328	1.078	-	18.8	20	73	0
3,3'-Dichlorobenzidine	0.553	0.458	-	17.2	20	73	0
Chrysene	1.237	1.004	-	18.8	20	74	0
Bis(2-ethylhexyl)phthalate	0.78	0.664	-	14.9	20	74	0
Di-n-octylphthalate	1.387	1.204	-	13.2	20	76	0
Benzo(b)fluoranthene	1.509	1.201	-	20.4*	20	73	0
Benzo(k)fluoranthene	1.35	1.108	-	17.9	20	74	0
Benzo(a)pyrene	1.297	1.043	-	19.6	20	72	0
IS1_Perylene-d12	1	1	-	0	20	86	0

\* Value outside of QC limits.



# Calibration Verification Summary

## Form 7

### Semivolatiles

**Client** : AEI Consultants  
**Project Name** : 4778 BROADWAY  
**Instrument ID** : MORK  
**Lab File ID** : ADP0308N  
**Sample No** : WG1752585-5  
**Channel** :

**Lab Number** : L2311267  
**Project Number** : 384736  
**Calibration Date** : 03/09/23 00:39  
**Init. Calib. Date(s)** : 12/12/22 12/13/22  
**Init. Calib. Times** : 13:24 02:15

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS3_1,4-Dichlorobenzene-d4	1	1	-	0	20	81	0
1,4-Dioxane	0.455	0.337	-	25.9*	20	59	0
n-Decane	1.182	0.843	-	28.7*	20	59	0
IS3_Acenaphthene-d10	1	1	-	0	20	87	0
Atrazine	0.421	0.317	-	24.7*	20	65	0
IS3_Phenanthrene-d10	1	1	-	0	20	88	0
n-Octadecane	0.367	0.241	-	34.3*	20	59	0
Parathion	0.135	0.104	-	23*	20	67	0
3,3'-Dimethylbenzidine	0.851	0.659	-	22.6*	20	67	0

\* Value outside of QC limits.



Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA123\2022\221117ICAL\  
 Data File : V23221117A21.D  
 Acq On : 17 Nov 2022 09:39 pm  
 Operator : VOA123:JIC  
 Sample : C8260STD40PPB  
 Misc : WG1713981,ICAL  
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Nov 18 09:45:38 2022  
 Quant Method : I:\VOLATILES\VOA123\2022\221117ICAL\V123\_221117A\_8260.m  
 Quant Title : VOLATILES BY GC/MS  
 QLast Update : Fri Nov 18 09:43:03 2022  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Fluorobenzene	1.000	1.000	0.0	98	0.00
2 TP	Dichlorodifluoromethane	0.225	0.306	-36.0#	121	0.00
3 TP	Chloromethane	0.297	0.366	-23.2#	118	0.00
4 TC	Vinyl chloride	0.287	0.346	-20.6#	109	0.00
5 TP	Bromomethane	0.162	0.181	-11.7	115	0.00
6 TP	Chloroethane	0.182	0.206	-13.2	101	0.00
7 TP	Trichlorofluoromethane	0.369	0.408	-10.6	99	0.00
8 TP	Ethyl ether	0.133	0.171	-28.6#	120	0.00
10 TC	1,1-Dichloroethene	0.257	0.263	-2.3	92	0.00
11 TP	Carbon disulfide	0.627	0.904	-44.2#	144	0.00
12 TP	Freon-113	0.265	0.300	-13.2	101	0.00
14 TP	Acrolein	0.037	0.018	51.4#	43#	0.00
15 TP	Methylene chloride	0.361	0.331	8.3	95	0.00
17 TP	Acetone	* 40.000	37.938	5.2	85	0.00
18 TP	trans-1,2-Dichloroethene	0.311	0.314	-1.0	94	0.00
19 TP	Methyl acetate	0.149	0.145	2.7	94	0.00
20 TP	Methyl tert-butyl ether	0.693	0.770	-11.1	101	0.00
21 TP	tert-Butyl alcohol	0.026	0.024	7.7	69	0.00
22 TP	Diisopropyl ether	0.896	0.953	-6.4	95	0.00
23 TP	1,1-Dichloroethane	0.554	0.586	-5.8	99	0.00
24 TP	Halothane	0.223	0.243	-9.0	97	0.00
25 TP	Acrylonitrile	0.066	0.076	-15.2	95	0.00
26 TP	Ethyl tert-butyl ether	0.914	0.934	-2.2	90	0.00
27 TP	Vinyl acetate	0.527	0.457	13.3	78	0.00
28 TP	cis-1,2-Dichloroethene	0.350	0.345	1.4	92	0.00
29 TP	2,2-Dichloropropane	0.453	0.452	0.2	92	0.00
30 TP	Bromochloromethane	0.158	0.148	6.3	85	0.00
31 TP	Cyclohexane	0.475	0.536	-12.8	100	0.00
32 TC	Chloroform	0.562	0.568	-1.1	94	0.00
33 TP	Ethyl acetate	0.231	0.218	5.6	86	0.00
34 TP	Carbon tetrachloride	0.374	0.382	-2.1	91	0.00
35 TP	Tetrahydrofuran	0.062	0.063	-1.6	87	0.00
36 S	Dibromofluoromethane	0.254	0.248	2.4	96	0.00
37 TP	1,1,1-Trichloroethane	0.424	0.467	-10.1	98	0.00
39 TP	2-Butanone	0.102	0.085	16.7	75	0.00
40 TP	1,1-Dichloropropene	0.380	0.411	-8.2	93	0.00
41 TP	Benzene	1.229	1.260	-2.5	94	0.00
42 TP	tert-Amyl methyl ether	0.835	0.807	3.4	83	0.00
43 S	1,2-Dichloroethane-d4	0.239	0.233	2.5	96	0.00

# Calibration Verification Summary

## Form 7

### Volatiles

**Client** : AEI Consultants  
**Project Name** : 4778 BROADWAY  
**Instrument ID** : VOA123  
**Lab File ID** : V23230313A02  
**Sample No** : WG1754091-2  
**Channel** :

**Lab Number** : L2311615  
**Project Number** : 384736  
**Calibration Date** : 03/13/23 07:34  
**Init. Calib. Date(s)** : 11/17/22 11/17/22  
**Init. Calib. Times** : 14:15 19:02

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	1.998	1.972	-	1.3	20	66	-.01
n-Butylbenzene	2.982	3.348	-	-12.3	20	75	-.01
1,2-Dichlorobenzene	1.688	1.477	-	12.5	20	59	0
1,2,4,5-Tetramethylbenzene	3.17	3.074	-	3	20	64	0
1,2-Dibromo-3-chloropropan	0.131	0.097	-	26*	20	47	0
1,3,5-Trichlorobenzene	1.384	1.206	-	12.9	20	59	0
Hexachlorobutadiene	0.692	0.564	-	18.5	20	56	-.01
1,2,4-Trichlorobenzene	1.242	1.078	-	13.2	20	58	-.01
Naphthalene	2.423	2.136	-	11.8	20	57	-.01
1,2,3-Trichlorobenzene	1.117	0.935	-	16.3	20	57	0

\* Value outside of QC limits.



# Laboratory Control Sample Summary

## Form 3

### Semivolatiles

**Client** : AEI Consultants **Lab Number** : L2311615  
**Project Name** : 4778 BROADWAY **Project Number** : 384736  
**Matrix** : SOIL  
**LCS Sample ID** : WG1752086-2 **Analysis Date** : 03/08/23 10:23 **File ID** : 752086-2  
**LCSD Sample ID** : WG1752086-3 **Analysis Date** : 03/08/23 10:51 **File ID** : 752086-3

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
Acenaphthene	1300	770	58	1300	880	67	14	31-137	50
1,2,4-Trichlorobenzene	1300	730	55	1300	840	64	15	38-107	50
Hexachlorobenzene	1300	740	56	1300	870	66	16	40-140	50
Bis(2-chloroethyl)ether	1300	720	54	1300	830	63	15	40-140	50
2-Chloronaphthalene	1300	770	59	1300	890	68	14	40-140	50
1,2-Dichlorobenzene	1300	750	57	1300	850	64	12	40-140	50
1,3-Dichlorobenzene	1300	750	57	1300	850	65	13	40-140	50
1,4-Dichlorobenzene	1300	750	57	1300	850	65	13	28-104	50
3,3'-Dichlorobenzidine	1300	560	43	1300	610	47	9	40-140	50
2,4-Dinitrotoluene	1300	800	61	1300	960	74	19	40-132	50
2,6-Dinitrotoluene	1300	750	57	1300	900	69	19	40-140	50
Fluoranthene	1300	810	62	1300	940	72	15	40-140	50
4-Chlorophenyl phenyl ether	1300	800	60	1300	920	70	15	40-140	50
4-Bromophenyl phenyl ether	1300	780	59	1300	920	70	17	40-140	50
Bis(2-chloroisopropyl)ether	1300	920	70	1300	1000	80	13	40-140	50
Bis(2-chloroethoxy)methane	1300	720	55	1300	800	61	10	40-117	50
Hexachlorobutadiene	1300	760	58	1300	880	67	14	40-140	50
Hexachlorocyclopentadiene	1300	500	38 Q	1300	580	44	15	40-140	50
Hexachloroethane	1300	760	58	1300	880	67	14	40-140	50
Isophorone	1300	740	56	1300	840	64	13	40-140	50
Naphthalene	1300	760	58	1300	870	67	14	40-140	50
Nitrobenzene	1300	760	58	1300	870	66	13	40-140	50
NDPA/DPA	1300	820	63	1300	950	73	15	36-157	50
n-Nitrosodi-n-propylamine	1300	790	60	1300	910	70	15	32-121	50
Bis(2-ethylhexyl)phthalate	1300	850	64	1300	980	75	16	40-140	50
Butyl benzyl phthalate	1300	790	60	1300	920	70	15	40-140	50





**Laboratory Control Sample Summary  
Form 3  
Semivolatiles**

Client : AEI Consultants Lab Number : L2311615  
 Project Name : 4778 BROADWAY Project Number : 384736  
 Matrix : SOIL  
 LCS Sample ID : WG1752086-2 Analysis Date : 03/08/23 10:23 File ID : 752086-2  
 LCSD Sample ID : WG1752086-3 Analysis Date : 03/08/23 10:51 File ID : 752086-3

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
Di-n-butylphthalate	1300	810	61	1300	930	71	15	40-140	50
Di-n-octylphthalate	1300	860	65	1300	980	75	14	40-140	50
Diethyl phthalate	1300	790	60	1300	920	71	17	40-140	50
Dimethyl phthalate	1300	760	58	1300	890	68	16	40-140	50
Benzo(a)anthracene	1300	780	59	1300	950	72	20	40-140	50
Benzo(a)pyrene	1300	850	64	1300	970	74	14	40-140	50
Benzo(b)fluoranthene	1300	840	64	1300	1000	78	20	40-140	50
Benzo(k)fluoranthene	1300	820	62	1300	840	64	3	40-140	50
Chrysene	1300	800	61	1300	880	67	9	40-140	50
Acenaphthylene	1300	800	61	1300	940	72	17	40-140	50
Anthracene	1300	800	61	1300	920	70	14	40-140	50
Benzo(ghi)perylene	1300	780	59	1300	890	68	14	40-140	50
Fluorene	1300	780	60	1300	920	70	15	40-140	50
Phenanthrene	1300	770	58	1300	890	68	16	40-140	50
Dibenzo(a,h)anthracene	1300	760	58	1300	880	67	14	40-140	50
Indeno(1,2,3-cd)pyrene	1300	860	65	1300	990	76	16	40-140	50
Pyrene	1300	800	61	1300	940	71	15	35-142	50
Biphenyl	1300	730	55	1300	850	65	17	37-127	50
4-Chloroaniline	1300	690	52	1300	840	64	21	40-140	50
2-Nitroaniline	1300	790	60	1300	920	70	15	47-134	50
3-Nitroaniline	1300	540	41	1300	590	45	9	26-129	50
4-Nitroaniline	1300	780	59	1300	910	69	16	41-125	50
Dibenzofuran	1300	780	59	1300	910	70	17	40-140	50
2-Methylnaphthalene	1300	730	56	1300	870	66	16	40-140	50
1,2,4,5-Tetrachlorobenzene	1300	760	57	1300	880	67	16	40-117	50
Acetophenone	1300	730	55	1300	830	64	15	14-144	50



# Laboratory Control Sample Summary

## Form 3

### Semivolatiles

**Client** : AEI Consultants **Lab Number** : L2311615  
**Project Name** : 4778 BROADWAY **Project Number** : 384736  
**Matrix** : SOIL  
**LCS Sample ID** : WG1752086-2 **Analysis Date** : 03/08/23 10:23 **File ID** : 752086-2  
**LCSD Sample ID** : WG1752086-3 **Analysis Date** : 03/08/23 10:51 **File ID** : 752086-3

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
2,4,6-Trichlorophenol	1300	810	61	1300	980	75	21	30-130	50
p-Chloro-m-cresol	1300	850	64	1300	990	76	17	26-103	50
2-Chlorophenol	1300	770	59	1300	880	67	13	25-102	50
2,4-Dichlorophenol	1300	800	61	1300	910	70	14	30-130	50
2,4-Dimethylphenol	1300	760	58	1300	880	67	14	30-130	50
2-Nitrophenol	1300	740	56	1300	850	65	15	30-130	50
4-Nitrophenol	1300	790	60	1300	940	72	18	11-114	50
2,4-Dinitrophenol	1300	720	55	1300	800	61	10	4-130	50
4,6-Dinitro-o-cresol	1300	770	59	1300	930	71	18	10-130	50
Pentachlorophenol	1300	680	51	1300	810	62	19	17-109	50
Phenol	1300	840	63	1300	950	73	15	26-90	50
2-Methylphenol	1300	780	60	1300	910	69	14	30-130.	50
3-Methylphenol/4-Methylphenol	1300	820	63	1300	950	72	13	30-130	50
2,4,5-Trichlorophenol	1300	800	61	1300	960	73	18	30-130	50
Benzoic Acid	1300	500	38	1300	540	41	8	10-110	50
Benzyl Alcohol	1300	800	61	1300	930	71	15	40-140	50
Carbazole	1300	800	60	1300	910	69	14	54-128	50
1,4-Dioxane	1300	640	49	1300	750	57	15	40-140	50



# Surrogate Recovery Summary

## Form 2

### Semivolatiles

Client: AEI Consultants  
Project Name: 4778 BROADWAY

Lab Number: L2311615  
Project Number: 384736  
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	S1 (2FP)	S2 (PHL)	S3 (NBZ)	S4 (FBP)	S5 (TBP)	S6 (TPH)	TOT OUT
C1-PB (L2311615-01)	55	65	69	71	35	63	0
C1-SW-W (L2311615-02)	49	61	67	69	31	64	0
WG1752086-1BLANK	40	41	40	39	34	39	0
WG1752086-2LCS	56	56	58	57	50	54	0
WG1752086-3LCS	65	66	68	68	58	64	0

#### QC LIMITS

(25-120) 2FP = 2-FLUOROPHENOL  
 (10-120) PHL = PHENOL-D6  
 (23-120) NBZ = NITROBENZENE-D5  
 (30-120) FBP = 2-FLUOROBIPHENYL  
 (10-136) TBP = 2,4,6-TRIBROMOPHENOL  
 (18-120) TPH = 4-TERPHENYL-D14

\* Values outside of QC limits

FORM II NYTCL-8270



# Calibration Verification Summary

## Form 7

### Semivolatiles

Client : AEI Consultants  
 Project Name : 4778 BROADWAY  
 Instrument ID : SV109  
 Lab File ID : ABN0308  
 Sample No : WG1752321-3  
 Channel :

Lab Number : L2311615  
 Project Number : 384736  
 Calibration Date : 03/08/23 08:36  
 Init. Calib. Date(s) : 08/18/22 08/19/22  
 Init. Calib. Times : 16:29 05:00

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
IS1_1,4-Dichlorobenzene-d4	1	1	-	0	20	70	0
n-Nitrosodimethylamine	0.76	0.721	-	5.1	20	64	0
Pyridine	1.289	1.228	-	4.7	20	68	0
2-Fluorophenol	1.154	1.15	-	0.3	20	68	0
Aniline	2.026	1.817	-	10.3	20	61	0
2-Chlorophenol	1.363	1.297	-	4.8	20	64	0
Phenol-d6	1.449	1.431	-	1.2	20	66	0
Phenol	1.571	1.601	-	-1.9	20	68	0
Bis(2-chloroethyl)ether	1.246	1.124	-	9.8	20	62	0
1,3-Dichlorobenzene	1.506	1.479	-	1.8	20	68	0
1,4-Dichlorobenzene	1.546	1.516	-	1.9	20	68	0
1,2-Dichlorobenzene	1.504	1.462	-	2.8	20	67	0
Benzyl alcohol	1.09	1.045	-	4.1	20	65	0
Bis(2-chloroisopropyl)ethe	1.843	2.122	-	-15.1	20	78	0
2-Methylphenol	1.226	1.15	-	6.2	20	62	0
Hexachloroethane	0.586	0.572	-	2.4	20	66	0
n-Nitrosodi-n-propylamine	0.977	0.935	-	4.3	20	66	0
3-Methylphenol/4-Methylphe	1.295	1.235	-	4.6	20	63	0
Nitrobenzene-d5	1.379	1.382	-	-0.2	20	68	0
Nitrobenzene	1.413	1.333	-	5.7	20	64	0
Isophorone	2.769	2.483	-	10.3	20	60	0
2-Nitrophenol	0.764	0.714	-	6.5	20	61	0
2,4-Dimethylphenol	1.334	1.331	-	0.2	20	67	0
Bis(2-chloroethoxy)methane	1.682	1.426	-	15.2	20	57	0
2,4-Dichlorophenol	1.212	1.158	-	4.5	20	62	0
1,2,4-Trichlorobenzene	1.341	1.21	-	9.8	20	60	0
IS1_Naphthalene-d8	1	1	-	0	20	65	0
Naphthalene	1.008	0.969	-	3.9	20	60	0
Benzoic Acid	50	55.438	-	-10.9	20	74	0
4-Chloroaniline	0.126	0.127	-	-0.8	20	65	0
Hexachlorobutadiene	0.192	0.19	-	1	20	61	0
p-Chloro-m-cresol	0.301	0.307	-	-2	20	62	0
2-Methylnaphthalene	0.679	0.626	-	7.8	20	58	0
1-Methylnaphthalene	0.237	0.222	-	6.3	20	60	0
Hexachlorocyclopentadiene	50	37.845	-	24.3*	20	52	0
2,4,6-Trichlorophenol	0.226	0.228	-	-0.9	20	60	0
2,4,5-Trichlorophenol	0.246	0.246	-	0	20	60	0
2-Fluorobiphenyl	0.772	0.756	-	2.1	20	60	0
2-Chloronaphthalene	0.688	0.65	-	5.5	20	58	0
2-Nitroaniline	0.24	0.223	-	7.1	20	56	0
1,4-Dinitrobenzene	0.107	0.101	-	5.6	20	54	0
1,3-Dinitrobenzene	0.123	0.112	-	8.9	20	52	0
Dimethyl phthalate	0.849	0.769	-	9.4	20	53	0

\* Value outside of QC limits.



# Surrogate Recovery Summary

## Form 2

### Volatiles

Client: AEI Consultants  
Project Name: 4778 BROADWAY

Lab Number: L2311615  
Project Number: 384736  
Matrix: Soil

CLIENT ID (LAB SAMPLE NO.)	SMC1 DCA	SMC2 TOL	SMC3 BFB	SMC4 DBFM	TOT OUT
C1-PB (L2311615-01D)	95	90	86	106	0
C1-PB (L2311615-01D2)	117	113	133*	82	1
C1-SW-W (L2311615-02D)	97	91	92	100	0
C1-SW-W (L2311615-02D2)	102	92	92	98	0
WG1753391-3LCS	97	92	83	110	0
WG1753391-4LCSD	96	93	82	110	0
WG1753391-5BLANK	102	91	87	113	0
WG1753946-3LCS	97	90	82	110	0
WG1753946-4LCSD	95	91	84	107	0
WG1753946-5BLANK	100	91	90	112	0
WG1754091-3LCS	106	108	113	88	0
WG1754091-4LCSD	107	107	112	90	0
WG1754091-5BLANK	107	107	113	87	0

**QC LIMITS**

(70-130) DCA = 1,2-DICHLOROETHANE-D4  
 (70-130) TOL = TOLUENE-D8  
 (70-130) BFB = 4-BROMOFLUOROBENZENE  
 (70-130) DBFM = DIBROMOFLUOROMETHANE

\* Values outside of QC limits

FORM II NYTCL-8260HLW



Evaluate Continuing Calibration Report

Data Path : I:\VOLATILES\VOA117\2023\230322NICAL\  
 Data File : V17230322N17.D  
 Acq On : 22 Mar 2023 10:39 pm  
 Operator : VOA117:MKS  
 Sample : C8260STD40PPB  
 Misc : WG1758060  
 ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 23 10:57:26 2023  
 Quant Method : I:\VOLATILES\VOA117\2023\230322NICAL\V117\_230322N\_8260.m  
 Quant Title : VOLATILES BY GC/MS  
 QLast Update : Thu Mar 23 10:56:50 2023  
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min  
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Fluorobenzene	1.000	1.000	0.0	94	0.00
2 TP	Dichlorodifluoromethane	0.213	0.268	-25.8#	125	0.00
3 TP	Chloromethane	0.188	0.240	-27.7#	123	0.00
4 TC	Vinyl chloride	0.247	0.326	-32.0#	126	0.00
5 TP	Bromomethane	0.258	0.334	-29.5#	127	0.00
6 TP	Chloroethane	0.230	0.256	-11.3	112	0.00
7 TP	Trichlorofluoromethane	0.622	0.692	-11.3	112	0.00
8 TP	Ethyl ether	0.136	0.166	-22.1#	116	0.00
10 TC	1,1-Dichloroethene	* 40.000	42.310	-5.8	98	0.00
11 TP	Carbon disulfide	0.611	0.495	19.0	85	0.00
12 TP	Freon-113	0.218	0.201	7.8	100	0.00
14 TP	Acrolein	0.014	0.015	-7.1	102	0.00
15 TP	Methylene chloride	0.209	0.193	7.7	92	0.00
17 TP	Acetone	* 40.000	32.430	18.9	89	0.00
18 TP	trans-1,2-Dichloroethene	0.217	0.207	4.6	93	0.00
19 TP	Methyl acetate	0.073	0.069	5.5	97	0.00
20 TP	Methyl tert-butyl ether	0.403	0.429	-6.5	100	0.00
21 TP	tert-Butyl alcohol	0.011	0.012	-9.1	100	0.00
22 TP	Diisopropyl ether	0.546	0.509	6.8	88	0.00
23 TP	1,1-Dichloroethane	0.351	0.343	2.3	94	0.00
24 TP	Halothane	0.170	0.162	4.7	91	0.00
25 TP	Acrylonitrile	0.032	0.032	0.0	95	0.00
26 TP	Ethyl tert-butyl ether	0.528	0.483	8.5	88	0.00
27 TP	Vinyl acetate	0.308	0.271	12.0	80	0.00
28 TP	cis-1,2-Dichloroethene	0.235	0.216	8.1	87	0.00
29 TP	2,2-Dichloropropane	0.325	0.296	8.9	87	0.00
30 TP	Bromochloromethane	0.112	0.104	7.1	87	0.00
31 TP	Cyclohexane	0.315	0.290	7.9	92	0.00
32 TC	Chloroform	0.398	0.383	3.8	90	0.00
33 TP	Ethyl acetate	0.105	0.103	1.9	91	0.00
34 TP	Carbon tetrachloride	* 40.000	39.171	2.1	92	0.00
35 TP	Tetrahydrofuran	0.032	0.032	0.0	96	0.00
36 S	Dibromofluoromethane	0.273	0.276	-1.1	95	0.00
37 TP	1,1,1-Trichloroethane	* 40.000	40.855	-2.1	95	0.00
39 TP	2-Butanone	0.049	0.039	20.4#	85	0.00
40 TP	1,1-Dichloropropene	* 40.000	39.673	0.8	92	0.00
41 TP	Benzene	0.799	0.757	5.3	89	0.00
42 TP	tert-Amyl methyl ether	0.476	0.444	6.7	89	0.00
43 S	1,2-Dichloroethane-d4	0.236	0.229	3.0	94	0.00

# Calibration Verification Summary

## Form 7

### Volatiles

Client : AEI Consultants  
 Project Name : 4778 BROADWAY  
 Instrument ID : VOA117  
 Lab File ID : V17230404A03  
 Sample No : WG1762732-2  
 Channel :

Lab Number : L2317355  
 Project Number : 384736  
 Calibration Date : 04/04/23 08:55  
 Init. Calib. Date(s) : 03/22/23 03/22/23  
 Init. Calib. Times : 16:55 20:27

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	137	0
Dichlorodifluoromethane	0.213	0.138	-	35.2*	20	94	0
Chloromethane	0.188	0.139	-	26.1*	20	104	0
Vinyl chloride	0.247	0.215	-	13	20	121	0
Bromomethane	0.258	0.391	-	-51.6*	20	216	0
Chloroethane	0.23	0.246	-	-7	20	157	0
Trichlorofluoromethane	0.622	0.581	-	6.6	20	137	0
Ethyl ether	0.136	0.149	-	-9.6	20	152	0
1,1-Dichloroethene	40	36.152	-	9.6	20	120	0
Carbon disulfide	0.611	0.463	-	24.2*	20	116	0
Freon-113	0.218	0.166	-	23.9*	20	120	0
Acrolein	0.014	0.012	-	14.3	20	121	0
Methylene chloride	0.209	0.179	-	14.4	20	124	0
Acetone	40	28.39	-	29*	20	114	0
trans-1,2-Dichloroethene	0.217	0.192	-	11.5	20	125	0
Methyl acetate	0.073	0.054	-	26*	20	111	0
Methyl tert-butyl ether	0.403	0.336	-	16.6	20	114	0
tert-Butyl alcohol	0.01118	0.00872*	-	22*	20	107	0
Diisopropyl ether	0.546	0.422	-	22.7*	20	106	0
1,1-Dichloroethane	0.351	0.295*	-	16	20	118	0
Halothane	0.17	0.156	-	8.2	20	128	0
Acrylonitrile	0.032	0.026	-	18.8	20	114	0
Ethyl tert-butyl ether	0.528	0.412	-	22*	20	109	0
Vinyl acetate	0.308	0.227	-	26.3*	20	97	0
cis-1,2-Dichloroethene	0.235	0.218	-	7.2	20	128	0
2,2-Dichloropropane	0.325	0.267	-	17.8	20	114	0
Bromochloromethane	0.112	0.105	-	6.3	20	128	0
Cyclohexane	0.315	0.234	-	25.7*	20	108	0
Chloroform	0.398	0.352	-	11.6	20	121	0
Ethyl acetate	0.105	0.084	-	20	20	109	0
Carbon tetrachloride	40	34.54	-	13.7	20	117	0
Tetrahydrofuran	0.032	0.024	-	25*	20	106	0
Dibromofluoromethane	0.273	0.279	-	-2.2	20	139	0
1,1,1-Trichloroethane	40	35.185	-	12	20	119	0
2-Butanone	0.049	0.039	-	20.4*	20	122	0
1,1-Dichloropropene	40	35.624	-	10.9	20	120	0
Benzene	0.799	0.731	-	8.5	20	126	0
tert-Amyl methyl ether	0.476	0.4	-	16	20	116	0
1,2-Dichloroethane-d4	0.236	0.218	-	7.6	20	130	0
1,2-Dichloroethane	0.232	0.197	-	15.1	20	116	0
Methyl cyclohexane	0.415	0.323	-	22.2*	20	121	0
Trichloroethene	40	39.68	-	0.8	20	131	0
Dibromomethane	0.115	0.11	-	4.3	20	127	0

\* Value outside of QC limits.



# Calibration Verification Summary

## Form 7

### Volatiles

Client : AEI Consultants  
 Project Name : 4778 BROADWAY  
 Instrument ID : VOA117  
 Lab File ID : V17230404A03  
 Sample No : WG1762732-2  
 Channel :

Lab Number : L2317355  
 Project Number : 384736  
 Calibration Date : 04/04/23 08:55  
 Init. Calib. Date(s) : 03/22/23 03/22/23  
 Init. Calib. Times : 16:55 20:27

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.191	0.166	-	13.1	20	118	0
2-Chloroethyl vinyl ether	0.09	0.075	-	16.7	20	108	0
Bromodichloromethane	0.277	0.262*	-	5.4	20	122	0
1,4-Dioxane	0.00127	0.00133*	-	-4.7	20	143	0
cis-1,3-Dichloropropene	0.308	0.287*	-	6.8	20	121	0
Chlorobenzene-d5	1	1	-	0	20	147	0
Toluene-d8	1.259	1.239	-	1.6	20	142	0
Toluene	0.687	0.592	-	13.8	20	128	0
4-Methyl-2-pentanone	0.051	0.039	-	23.5*	20	112	0
Tetrachloroethene	0.304	0.271	-	10.9	20	129	0
trans-1,3-Dichloropropene	0.336	0.293*	-	12.8	20	121	0
Ethyl methacrylate	0.221	0.177	-	19.9	20	113	0
1,1,2-Trichloroethane	0.158	0.145*	-	8.2	20	131	0
Chlorodibromomethane	0.26	0.245	-	5.8	20	128	0
1,3-Dichloropropane	0.318	0.285	-	10.4	20	128	0
1,2-Dibromoethane	0.19	0.181*	-	4.7	20	130	0
2-Hexanone	0.085	0.063	-	25.9*	20	106	0
Chlorobenzene	0.803	0.726	-	9.6	20	132	0
Ethylbenzene	1.337	1.143	-	14.5	20	127	0
1,1,1,2-Tetrachloroethane	0.296	0.263	-	11.1	20	126	0
p/m Xylene	80	72.928	-	8.8	20	130	0
o Xylene	80	72.24	-	9.7	20	129	0
Styrene	80	70.099	-	12.4	20	129	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	150	0
Bromoform	0.307	0.263	-	14.3	20	130	0
Isopropylbenzene	2.526	2.159	-	14.5	20	130	0
4-Bromofluorobenzene	0.763	0.674	-	11.7	20	131	0
Bromobenzene	0.62	0.54	-	12.9	20	131	0
n-Propylbenzene	3.009	2.511	-	16.6	20	128	0
1,4-Dichlorobutane	0.507	0.375	-	26*	20	113	0
1,1,2,2-Tetrachloroethane	0.407	0.359	-	11.8	20	126	0
4-Ethyltoluene	2.511	2.172	-	13.5	20	129	0
2-Chlorotoluene	1.675	1.378	-	17.7	20	125	0
1,3,5-Trimethylbenzene	2.217	1.89	-	14.7	20	128	0
1,2,3-Trichloropropane	0.326	0.272	-	16.6	20	125	0
trans-1,4-Dichloro-2-buten	0.103	0.082	-	20.4*	20	111	0
4-Chlorotoluene	1.753	1.444	-	17.6	20	125	0
tert-Butylbenzene	1.956	1.676	-	14.3	20	129	0
1,2,4-Trimethylbenzene	2.188	1.862	-	14.9	20	128	0
sec-Butylbenzene	2.877	2.519	-	12.4	20	131	0
p-Isopropyltoluene	2.58	2.237	-	13.3	20	130	0
1,3-Dichlorobenzene	1.297	1.132	-	12.7	20	131	0
1,4-Dichlorobenzene	1.304	1.141	-	12.5	20	132	0

\* Value outside of QC limits.





# Laboratory Control Sample Summary

## Form 3

### Semivolatiles

**Client** : AEI Consultants **Lab Number** : L2317355  
**Project Name** : 4778 BROADWAY **Project Number** : 384736  
**Matrix (Level)** : SOIL (LOW)  
**LCS Sample ID** : WG1762472-2 **Analysis Date** : 04/05/23 01:34 **File ID** : 762472-2  
**LCSD Sample ID** : WG1762472-3 **Analysis Date** : 04/05/23 01:58 **File ID** : 762472-3

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
Acenaphthene	1300	930	70	1300	660	51	31	31-137	50
1,2,4-Trichlorobenzene	1300	870	66	1300	650	50	28	38-107	50
Hexachlorobenzene	1300	1000	76	1300	730	56	30	40-140	50
Bis(2-chloroethyl)ether	1300	860	65	1300	640	49	28	40-140	50
2-Chloronaphthalene	1300	920	70	1300	690	53	28	40-140	50
1,2-Dichlorobenzene	1300	840	63	1300	630	48	27	40-140	50
1,3-Dichlorobenzene	1300	820	62	1300	620	47	28	40-140	50
1,4-Dichlorobenzene	1300	840	64	1300	620	48	29	28-104	50
3,3'-Dichlorobenzidine	1300	810	61	1300	600	46	28	40-140	50
2,4-Dinitrotoluene	1300	1000	77	1300	750	58	28	40-132	50
2,6-Dinitrotoluene	1300	1100	84	1300	830	63	29	40-140	50
Fluoranthene	1300	960	72	1300	690	53	30	40-140	50
4-Chlorophenyl phenyl ether	1300	960	72	1300	680	52	32	40-140	50
4-Bromophenyl phenyl ether	1300	980	74	1300	700	54	31	40-140	50
Bis(2-chloroisopropyl)ether	1300	840	63	1300	620	47	29	40-140	50
Bis(2-chloroethoxy)methane	1300	910	68	1300	670	52	27	40-117	50
Hexachlorobutadiene	1300	820	62	1300	610	46	30	40-140	50
Hexachlorocyclopentadiene	1300	930	70	1300	680	52	30	40-140	50
Hexachloroethane	1300	850	64	1300	630	48	29	40-140	50
Isophorone	1300	870	66	1300	660	51	26	40-140	50
Naphthalene	1300	880	66	1300	660	51	26	40-140	50
Nitrobenzene	1300	920	70	1300	690	53	28	40-140	50
NDPA/DPA	1300	980	74	1300	710	54	31	36-157	50
n-Nitrosodi-n-propylamine	1300	880	66	1300	660	50	28	32-121	50
Bis(2-ethylhexyl)phthalate	1300	960	73	1300	680	52	34	40-140	50
Butyl benzyl phthalate	1300	1000	77	1300	720	56	32	40-140	50



**Laboratory Control Sample Summary**  
**Form 3**  
**Semivolatiles**

Client : AEI Consultants Lab Number : L2317355  
Project Name : 4778 BROADWAY Project Number : 384736  
Matrix (Level) : SOIL (LOW)  
LCS Sample ID : WG1762472-2 Analysis Date : 04/05/23 01:34 File ID : 762472-2  
LCSD Sample ID : WG1762472-3 Analysis Date : 04/05/23 01:58 File ID : 762472-3

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
Di-n-butylphthalate	1300	990	75	1300	720	55	31	40-140	50
Di-n-octylphthalate	1300	930	70	1300	670	51	31	40-140	50
Diethyl phthalate	1300	980	74	1300	710	54	31	40-140	50
Dimethyl phthalate	1300	990	75	1300	730	56	29	40-140	50
Benzo(a)anthracene	1300	920	69	1300	660	50	32	40-140	50
Benzo(a)pyrene	1300	950	72	1300	660	51	34	40-140	50
Benzo(b)fluoranthene	1300	900	68	1300	640	49	32	40-140	50
Benzo(k)fluoranthene	1300	940	71	1300	660	51	33	40-140	50
Chrysene	1300	890	67	1300	640	49	31	40-140	50
Acenaphthylene	1300	1000	78	1300	780	59	28	40-140	50
Anthracene	1300	950	72	1300	680	52	32	40-140	50
Benzo(ghi)perylene	1300	920	70	1300	640	49	35	40-140	50
Fluorene	1300	970	73	1300	710	54	30	40-140	50
Phenanthrene	1300	930	70	1300	680	52	30	40-140	50
Dibenzo(a,h)anthracene	1300	920	70	1300	640	49	35	40-140	50
Indeno(1,2,3-cd)pyrene	1300	950	72	1300	660	50	36	40-140	50
Pyrene	1300	980	74	1300	710	54	31	35-142	50
Biphenyl	1300	960	73	1300	720	56	26	37-127	50
4-Chloroaniline	1300	740	56	1300	580	45	22	40-140	50
2-Nitroaniline	1300	1100	81	1300	790	61	28	47-134	50
3-Nitroaniline	1300	880	67	1300	680	52	25	26-129	50
4-Nitroaniline	1300	990	75	1300	700	54	33	41-125	50
Dibenzofuran	1300	960	72	1300	710	54	29	40-140	50
2-Methylnaphthalene	1300	910	69	1300	680	52	28	40-140	50
1,2,4,5-Tetrachlorobenzene	1300	970	73	1300	720	55	28	40-117	50
Acetophenone	1300	870	66	1300	660	51	26	14-144	50



# Laboratory Control Sample Summary

## Form 3

### Semivolatiles

**Client** : AEI Consultants **Lab Number** : L2317355  
**Project Name** : 4778 BROADWAY **Project Number** : 384736  
**Matrix (Level)** : SOIL (LOW)  
**LCS Sample ID** : WG1762472-2 **Analysis Date** : 04/05/23 01:34 **File ID** : 762472-2  
**LCSD Sample ID** : WG1762472-3 **Analysis Date** : 04/05/23 01:58 **File ID** : 762472-3

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ug/kg)	Found (ug/kg)	%R	True (ug/kg)	Found (ug/kg)	%R			
2,4,6-Trichlorophenol	1300	1100	81	1300	800	61	28	30-130	50
p-Chloro-m-cresol	1300	1000	75	1300	740	57	27	26-103	50
2-Chlorophenol	1300	930	70	1300	690	52	30	25-102	50
2,4-Dichlorophenol	1300	1000	76	1300	740	57	29	30-130	50
2,4-Dimethylphenol	1300	970	74	1300	730	56	28	30-130	50
2-Nitrophenol	1300	1200	92	1300	940	72	24	30-130	50
4-Nitrophenol	1300	1200	94	1300	890	68	32	11-114	50
2,4-Dinitrophenol	1300	1400	107	1300	1000	77	33	4-130	50
4,6-Dinitro-o-cresol	1300	1700	130	1300	1200	95	31	10-130	50
Pentachlorophenol	1300	980	74	1300	700	54	31	17-109	50
Phenol	1300	900	68	1300	680	52	27	26-90	50
2-Methylphenol	1300	940	71	1300	690	53	29	30-130.	50
3-Methylphenol/4-Methylphenol	1300	940	71	1300	700	53	29	30-130	50
2,4,5-Trichlorophenol	1300	1100	80	1300	780	60	29	30-130	50
Benzoic Acid	1300	620	47	1300	450	34	32	10-110	50
Benzyl Alcohol	1300	900	68	1300	670	51	29	40-140	50
Carbazole	1300	960	72	1300	700	53	Q 30	54-128	50
1,4-Dioxane	1300	650	49	1300	480	37	Q 28	40-140	50



# DATA USABILITY SUMMARY REPORT

Alpha Analytical Laboratories Inc  
**Alpha Project (SDG) No.: L2461476**  
**Client ID: 41.0163310.10- (4778 Broadway)**  
Collection Date – October 22, 2024

## **PREPARED FOR:**

GZA GeoEnvironmental, Inc. – NYC  
104 West 29<sup>th</sup> Street, 10<sup>th</sup> Floor  
New York, NY 10001

## **PREPARED BY:**

Christine A. Camardella, P.G., PMP  
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516-946-1121

February 23, 2025

Client Project ID: 41.0163310.10  
Alpha Project (SDG) No. L2461476  
Sample Collection Date: October 22, 2024

## Data Usability Summary Report Introduction & Notes

Client Project ID: 41.0163310.10  
Laboratory: Alpha Analytical Laboratories Inc  
Sample Collection Date: October 22, 2024  
York Project (SDG) No. L2461476

### Sample Identification:

CLIENT SAMPLE ID	LAB ID	MATRIX	TO-15
IA-1_10.22.24	L2461476-01	AIR	X
IA-2_10.22.24	L2461476-02	AIR	X
IA-3_10.22.24	L2461476-03	AIR	X
IA-4_10.22.24	L2461476-04	AIR	X
IA-5_10.22.24	L2461476-05	AIR	X
IA-6_10.22.24	L2461476-06	AIR	X
IA-7_10.22.24	L2461476-07	AIR	X
AA-1_10.22.24	L2461476-08	AIR	X
AA-ROOF_10.22.24	L2461476-09	AIR	X

### Definitions:

OA – Outdoor Air  
SV – Soil Vapor  
GW – Groundwater  
NA – Not Analyzed  
PFAS – Polyfluoroalkyl Substances  
VOCs – Volatile Organic Compounds  
SVOCs – Semi-Volatile Organic Compounds  
Herbs – Herbicides  
PCBs – Polychlorinated Biphenyls  
Pest - Pesticides  
LCS – Lab Control Sample  
LCSD – Lab Control Sample Duplicate

Client Project ID: 41.0163310.10  
Alpha Project (SDG) No. L2461476  
Sample Collection Date: October 22, 2024

**Alpha Analytical Laboratories, Inc.**

- Case Narrative – please refer to laboratory report, page 7.
- Data Package Glossary – please refer to laboratory report, page 9.
- Data Qualifier Definitions - please refer to laboratory report, page 10.

**Notes on Qualifiers:**

**The data package was evaluated as per:**

- New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation (DER) 10/Technical Guidance for Site Investigation and Remediation – May 3, 2010, Appendix 2B – Guidance for the Development of DUSRs.
- United States Environmental Protection Agency (USEPA) Laboratory Contract Program.

## EPA TO15 – AIR SAMPLES

1. Is the data package complete as defined under the requirements for the most current DEC Analytical Services Protocol (ASP) Category B or USEPA CLP data deliverables?
  - a. Yes, the data package is complete as per DEC ASP Category B.
2. Have all the holding times been met?
  - a. Yes, all holding times have been met – Reviewed Holding Time Summary.
3. **Form 1 Results Summary – EPA TO15**
  - a. AIR samples – 1A-1\_10.22.2024, 1A-2\_10.22.24, 1A-3\_10.22.24, 1A-4\_10.22.24, 1A-5\_10.22.24, 1A-6\_10.22.24, 1A-7\_10.22.4, AA-1\_10.22.2024, AA-ROOF\_10.22.24, WG1988168-4BLANK, WG1988709-4BLANK. 1A-3\_10.22.24DUP
    - i. Qualifiers used:
      1. U – Not detected at the reporting limit (RL) for the sample.
      - ii. Quantitation Report Reviewed for each Sample.
      - iii. Data is Acceptable.
4. Do all the QC data; blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls and sample data fall within the protocol required limits and specifications?
  - a. Yes, all the QC Data falls within the protocol required limits and specifications.
5. **Form 3 – Lab Duplicate Sample Summary**
  - i. Laboratory ID: L2461476-3
    1. No values found outside of RPD limits.
    2. Data is Acceptable.
6. **Form 3 – Laboratory Control Sample Summary**
  - i. LCS Sample ID: WG1988168-3
    1. No values found outside of Recovery Limits.
    2. Data is Acceptable.
  - ii. LCS Sample ID: WG1988709-3
    1. No values found outside of Recovery Limits.
    2. Data is Acceptable.
7. **Form 4 – Method Blank Summary**
  - i. Data is Acceptable.
8. **Form 5 – Instrument Performance Check (Tune) Summary – Bromofluorobenzene (BFB)**
  - i. Data is Acceptable.

**9. Form 6 – Initial Calibration Summary**

- i. Values found outside of %RSD.
- ii. Reviewed Response Factor Report.
- iii. Reviewed Quantitation Report.
- iv. Reviewed Manual Integration Report.
- v. Reviewed Evaluate Continuing Calibration Report.
- vi. Data is Acceptable.

**10. Form 7 – Calibration Verification Summary**

- i. Sample No.: WG1988168-2
  1. No values found outside of QC limits.
  2. Data is Acceptable.
- ii. Sample No.: WG1988709-2
  1. Three (3) values found outside of QC limits.
  2. Data is Acceptable.
- iii. Reviewed Evaluate Continuing Calibration Report.
- iv. Reviewed Quantitation Report.
- v. Reviewed Manual Integration Report.

11. Have all the data been generated using established and agreed upon analytical protocols?

- a. Yes, all the data has been generated using established and agreed upon analytical protocols.

12. Does an evaluation of the raw data confirm the results provided in the data summary sheets and quality control verification forms?

- a. Yes, the raw data confirms the results provided in the data summary sheets and quality control verification forms.
  - i. Reviewed Volatiles Raw QC Data – Quantitation Report, Manual Integration Report, Evaluate Continuing Calibration Report.

13. Have the correct data qualifiers been used and are they consistent with the most current DEC ASP?

- a. Yes, the correct data qualifiers have been used.

14. Have any quality control (QC) exceedances been specifically noted in the DUSR?

- a. The Quality Control data has been checked; any exceedances have been noted.



**GC/MS VOA Air Analysis Selective Ion Monitoring**

**Form 1 – Results Summary – Volatile Organics in Air by SIM**

AIR samples – 1A-1\_10.22.2024, IA-2\_10.22.24, 1A-3\_10.22.24, 1A-4\_10.22.24, 1A-5\_10.22.24, 1A-6\_10.22.24, IA-7\_10.22.4, AA-1\_10.22.2024, AA-ROOF\_10.22.24, WG1988169-4BLANK, WG1988711-4BLANK. 1A-3\_10.22.24DUP

- b. Qualifiers used:
  - i. U – Not detected at the reporting limit (RL) for the sample.
- c. Quantitation Report Reviewed for each Sample.
- d. Data is Acceptable.

**Form 3 – Lab Duplicate Sample Summary**

- i. Dup Sample ID: WG1988711-5
  - 1. No values found outside of RPD limits.
  - 2. Data is Acceptable.
- ii. Dup Sample ID: WG1988169-3
  - 3. No values found outside of RPD limits.
  - 4. Data is Acceptable.
- iii. Dup Sample ID: WG1988711-3
  - 5. No values found outside of RPD limits.
  - 6. Data is Acceptable.

**Form 4 – Method Blank Summary**

- iv. Data is Acceptable.

**Form 5 – Instrument Performance Check (Tune) Summary**

- v. Data is Acceptable.

**Form 6 – Initial Calibration Summary**

- vi. Values found outside of %RSD.
- vii. Reviewed Response Factor Report.
- viii. Reviewed Quantitation Report.
- ix. Reviewed Manual Integration Report.
- x. Reviewed Evaluate Continuing Calibration Report.
- xi. Data is Acceptable.

**Form 7 – Calibration Verification Summary**

- xii. Sample No.: WG1988169-2
  - 1. No values found outside of QC limits.
  - 2. Data is Acceptable.
- xiii. Sample No.: WG1988711-2
  - 3. No values found outside of QC limits.

**Client Project ID: 41.0163310.10**  
**Alpha Project (SDG) No. L2461476**  
**Sample Collection Date: October 22, 2024**

- 4. Data is Acceptable.
- xiv. Reviewed Evaluate Continuing Calibration Report.
- xv. Reviewed Quantitation Report.
- xvi. Reviewed Manual Integration Report.

**Form 8 – Internal Standard Area and RT Summary**

- i. No values found outside of QC limits.
- ii. Data is Acceptable.

# DATA USABILITY SUMMARY REPORT

Alpha Analytical Laboratories Inc  
**Alpha Project (SDG) No.: L2467893**  
**Client ID: 41.0163310.10- (4778 Broadway)**  
Collection Date – November 19, 2024

## **PREPARED FOR:**

GZA GeoEnvironmental, Inc. – NYC  
104 West 29<sup>th</sup> Street, 10<sup>th</sup> Floor  
New York, NY 10001

## **PREPARED BY:**

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516-946-1121

February 23, 2025

Client Project ID: 41.0163310.10  
Alpha Project (SDG) No. L2467893  
Sample Collection Date: November 19, 2024

## Data Usability Summary Report Introduction & Notes

Client Project ID: 41.0163310.10  
Laboratory: Alpha Analytical Laboratories Inc  
Sample Collection Date: November 19, 2024  
York Project (SDG) No. L2467893

### Sample Identification:

CLIENT SAMPLE ID	LAB ID	MATRIX	TO-15
IA-1_11.19.24	L2467893-01	AIR	X
IA-2_11.19.24	L2467893-02	AIR	X
IA-3_11.19.24	L2467893-03	AIR	X
IA-4_11.19.24	L2467893-04	AIR	X
IA-5_11.19.24	L2467893-05	AIR	X
IA-6_11.19.24	L2467893-06	AIR	X
IA-7_11.19.24	L2467893-07	AIR	X
AA-1_11.19.24	L2467893-08	AIR	X
AA-ROOF_11.19.24	L2467893-09	AIR	X

### Definitions:

OA – Outdoor Air  
SV – Soil Vapor  
GW – Groundwater  
NA – Not Analyzed  
PFAS – Polyfluoroalkyl Substances  
VOCs – Volatile Organic Compounds  
SVOCs – Semi-Volatile Organic Compounds  
Herbs – Herbicides  
PCBs – Polychlorinated Biphenyls  
Pest - Pesticides  
LCS – Lab Control Sample  
LCSD – Lab Control Sample Duplicate

Client Project ID: 41.0163310.10  
Alpha Project (SDG) No. L2467893  
Sample Collection Date: November 19, 2024

**Alpha Analytical Laboratories, Inc.**

- Case Narrative – please refer to laboratory report, page 7.
- Data Package Glossary – please refer to laboratory report, page 9.
- Data Qualifier Definitions - please refer to laboratory report, page 10.

**Notes on Qualifiers:**

All qualifiers utilized were identified on page 10, Data Qualifier Definitions of the Laboratory Report.

**The data package was evaluated as per:**

- New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation (DER) 10/Technical Guidance for Site Investigation and Remediation – May 3, 2010, Appendix 2B – Guidance for the Development of DUSRs.
- United States Environmental Protection Agency (USEPA) Laboratory Contract Program.

## EPA TO15 – AIR SAMPLES

1. Is the data package complete as defined under the requirements for the most current DEC Analytical Services Protocol (ASP) Category B or USEPA CLP data deliverables?
  - a. Yes, the data package is complete as per DEC ASP Category B.
2. Have all the holding times been met?
  - a. Yes, all holding times have been met – Reviewed Holding Time Summary.
3. **Form 1 Results Summary – EPA TO15**
  - a. AIR samples – 1A-1\_11.19.24, IA-2\_11.19.24, 1A-3\_11.19.24, 1A-4\_11.19.24, 1A-5\_11.19.24, 1A-6\_11.19.24, IA-7\_11.19.24, AA-1\_11.19.24, AA-ROOF\_11.19.24, WG2000697-4BLANK, 11.19.24\_DUP, 1A-6\_11.19.24
    - i. Qualifiers used:
      1. U – Not detected at the reporting limit (RL) for the sample.
    - ii. Quantitation Report Reviewed for each Sample.
    - iii. Data is Acceptable.
4. Do all the QC data; blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls and sample data fall within the protocol required limits and specifications?
  - a. Yes, all the QC Data falls within the protocol required limits and specifications.
5. **Form 3 – Lab Duplicate Sample Summary**
  - i. Laboratory ID: L2467893-06
    1. No values found outside of RPD limits.
    2. Data is Acceptable.
6. **Form 3 – Laboratory Control Sample Summary**
  - i. LCS Sample ID: WG2000697-3
    1. Three (3) values found outside of Recovery Limits.
    2. Qualifier Used:
      - a. Q – The quality control sample exceeds the associated acceptance criteria.
    3. Data is Acceptable.
7. **Form 4 – Method Blank Summary**
  - i. Data is Acceptable.

8. Form 5 – Instrument Performance Check (Tune) Summary – Bromofluorobenzene (BFB)

- i. Data is Acceptable.

9. Form 6 – Initial Calibration Summary

- i. Values found outside of %RSD.
- ii. Reviewed Response Factor Report.
- iii. Reviewed Quantitation Report.
- iv. Reviewed Manual Integration Report.
- v. Reviewed Evaluate Continuing Calibration Report.
- vi. Data is Acceptable.

10. Form 7 – Calibration Verification Summary

- i. Sample No.: WG2000697-2
  - 1. Five (5) values found outside of QC limits.
  - 2. Data is Acceptable.
- ii. Reviewed Evaluate Continuing Calibration Report.
- iii. Reviewed Quantitation Report.
- iv. Reviewed Manual Integration Report.

11. Have all the data been generated using established and agreed upon analytical protocols?

- a. Yes, all the data has been generated using established and agreed upon analytical protocols.

12. Does an evaluation of the raw data confirm the results provided in the data summary sheets and quality control verification forms?

- a. Yes, the raw data confirms the results provided in the data summary sheets and quality control verification forms.
  - i. Reviewed Volatiles Raw QC Data – Quantitation Report, Manual Integration Report, Evaluate Continuing Calibration Report.

13. Have the correct data qualifiers been used and are they consistent with the most current DEC ASP?

- a. Yes, the correct data qualifiers have been used.

14. Have any quality control (QC) exceedances been specifically noted in the DUSR?

- a. The Quality Control data has been checked; any exceedances have been noted.

**GC/MS VOA Air Analysis Selective Ion Monitoring**

**Form 1 – Results Summary – Volatile Organics in Air by SIM**

AIR samples – 1A-1\_11.19.24, IA-2\_11.19.24, 1A-3\_11.19.24, 1A-4\_11.19.24, 1A-5\_11.19.24, 1A-6\_11.19.24, IA-7\_10.22.4, AA-1\_11.19.24, AA-ROOF\_11.19.24, 11.19.24\_DUP, WG2000712-4BLANK, 1A-6\_11.19.24DUP

- i. Qualifiers used:
  - a. U – Not detected at the reporting limit (RL) for the sample.
- ii. Quantitation Report Reviewed for each Sample.
- iii. Data is Acceptable.

**Form 3 – Lab Duplicate Sample Summary**

- i. Dup Sample ID: WG2000712-5
  - 1. No values found outside of RPD limits.
  - 2. Data is Acceptable.
- ii. Dup Sample ID: WG2000712-3
  - 3. No values found outside of RPD limits.
  - 4. Data is Acceptable.

**Form 4 – Method Blank Summary**

- i. Data is Acceptable.

**Form 5 – Instrument Performance Check (Tune) Summary**

- i. Data is Acceptable.

**Form 6 – Initial Calibration Summary**

- i. No values found outside of %RSD.
- ii. Reviewed Response Factor Report.
- iii. Reviewed Quantitation Report.
- iv. Reviewed Manual Integration Report.
- v. Reviewed Evaluate Continuing Calibration Report.
- vi. Data is Acceptable.

**Form 7 – Calibration Verification Summary**

- i. Sample No.: WG2000712-2
  - 1. One (1) value found outside of QC limits.
  - 2. Data is Acceptable.
- ii. Reviewed Evaluate Continuing Calibration Report.
- iii. Reviewed Quantitation Report.
- iv. Reviewed Manual Integration Report.



**Client Project ID: 41.0163310.10**  
**Alpha Project (SDG) No. L2467893**  
**Sample Collection Date: November 19, 2024**

**Form 8 – Internal Standard Area and RT Summary**

- i. No values found outside of QC limits.
- ii. Data is Acceptable.

# DATA USABILITY SUMMARY REPORT

Pace Analytical

**Pace Project (SDG) No.: L2500377**

**Client Project ID: 41.0163310.10**

**Project Name: 4778 Broadway**

Water Samples

Collection Date – January 2, 2025

## **PREPARED FOR:**

GZA GeoEnvironmental, Inc. – NYC

104 West 29<sup>th</sup> Street, 10<sup>th</sup> Floor

New York, NY 10001

Attention: Victoria Whelan

## **PREPARED BY:**

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516-946-1121

February 23, 2025

Pace Project (SDG) No.: L2500377  
 Client Project ID: 41.0163310.10  
 Project Name: 4778 Broadway  
 Collection Date - January 2, 2025

## Data Usability Summary Report Introduction & Notes

Client Project ID: 41.0163310.10  
Sample Collection Date: January 2, 2025  
Pace Project (SDG) No. L2500377

### Sample Identification:

CLIENT SAMPLE ID	LAB ID	MATRIX	VOCs 8260D	SVOCs 8270E	SULFATE
MW-6	L2500377-01	WATER	X	X	X
MW-5	L2500377-02	WATER	X	X	X
MW-2	L2500377-03	WATER	X	X	X
2025-01-02 Field Duplicate	L2500377-04	WATER	X	X	X
MW-3	L2500377-05	WATER	X	X	X
Field Blank	L2500377-06	WATER	X		
MW-4	L2500377-07	WATER	X	X	X
MW-1	L2500377-08	WATER	X	X	X

### Definitions:

GW – Water  
 NA – Not Analyzed  
 PFAS – Polyfluoroalkyl Substances  
 VOCs – Volatile Organic Compounds  
 SV – Water Vapor  
 SVOCs – Semi-Volatile Organic Compounds  
 Herbs – Herbicides  
 PCBs – Polychlorinated Biphenyls  
 Pest - Pesticides  
 LCS – Lab Control Sample  
 LCSD – Lab Control Sample Duplicate

### Notes:

- Case Narrative – please refer to laboratory report, page 11.
- Data Package Glossary - please refer to laboratory report, page 13.
- Data Qualifier Definitions - please refer to laboratory report, page 14.

**Pace Project (SDG) No.: L2500377**  
**Client Project ID: 41.0163310.10**  
**Project Name: 4778 Broadway**  
**Collection Date – January 2, 2025**

All qualifiers utilized within the laboratory report have associated definitions as can be found on page 14.

**The data package was evaluated as per:**

- New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation (DER) 10/Technical Guidance for Site Investigation and Remediation – May 3, 2010, Appendix 2B – Guidance for the Development of DUSRs.
- United States Environmental Protection Agency (USEPA) Laboratory Contract Program.

The Data Usability Summary follows for each sample.

## VOCs EPA 8260 – WATER SAMPLES

1. Is the data package complete as defined under the requirements for the most current DEC Analytical Services Protocol (ASP) Category B or USEPA CLP data deliverables?

a. Yes, the data package is complete as per DEC ASP Category B.

2. Have all the holding times been met?

a. Yes, all holding times have been met – Reviewed Holding Time Summary.

### 3. Form 1 – Volatile Organics by GC/MS

a. Water samples – MW-6, MW-5, MW-2, 2025-01-02 Field Duplicate, MW-3, Field Blank, MW-4, MW-1, TRIP BLANK, WG2017114-5BLANK, WG2017269-5BLANK, WG2017580-5BLANK, WG2017966-5BLANK, WG2017986-5BLANK, WG2018141-5BLANK

b. Qualifiers used:

i. U – Not detected at the method detection limit (MDL) for the sample.

ii. J – Estimated Value.

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

c. Data is Acceptable.

d. Quantitation Report (QT Reviewed) for each compound.

e. Reviewed Manual Integration Report.

4. Do all the QC data; blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls and sample data fall within the protocol required limits and specifications?

a. Yes, all the QC Data falls within the protocol required limits and specifications.

### 5. Form 2 – Surrogate Recovery Summary

i. Qualifier used:

a. None

ii. No values found outside of QC limits.

iii. No exceptions noted - Acceptable.

### 6. Form 3 – Laboratory Control Sample

a. LCS Sample ID: WG2017114-3, LCSD Sample ID: WG2017114-4

i. Qualifier Used:

1. Q – The quality control sample exceeds the associated acceptance criteria.

ii. Values found outside of Recovery Limits.

- iii. Data is Acceptable.
- b. LCS Sample ID: WG2017269-3, LCSD Sample ID: WG2017269-4
  - i. Qualifier Used:
    - 1. Q – None.
  - ii. No values found outside of Recovery Limits.
  - iii. Data is Acceptable.
- c. LCS Sample ID: WG2017580-3, LCSD Sample ID: WG2017580-4
  - i. Qualifier Used:
    - 1. Q – The quality control sample exceeds the associated acceptance criteria.
  - ii. Values found outside of Recovery Limits.
  - iii. Data is Acceptable.
- d. LCS Sample ID: WG2017966-3, LCSD Sample ID: WG2017966-4
  - i. Qualifier Used:
    - 1. Q – None.
  - ii. No values found outside of Recovery Limits.
  - iii. Data is Acceptable.
- e. LCS Sample ID: WG2017986-3, LCSD Sample ID: WG2017986-4
  - i. Qualifier Used:
    - 1. Q – The quality control sample exceeds the associated acceptance criteria.
  - ii. Values found outside of Recovery Limits.
  - iii. Data is Acceptable.
- f. LCS Sample ID: WG2018141-3, LCSD Sample ID: WG2018141-4
  - i. Qualifier Used:
    - 1. Q – None.
  - ii. No values found outside of Recovery Limits.
  - iii. Data is Acceptable.

**7. Form 4 – Method Blank Summary**

- i. Data is Acceptable.

**8. Form 5 – Instrument Performance Check (Tune) Summary – Volatiles – Bromofluorobenzene (BFB)**

- i. Data is Acceptable.

**9. Form 6 – Initial Calibration Summary**

- i. Qualifiers found out of range.
- ii. Values found outside of %RSD.
- iii. Data is Acceptable.
- iv. Reviewed Response Factor Report.
- v. Reviewed Quantitation Report (QT Reviewed).
- vi. Reviewed Manual Integration Report.
- vii. Reviewed Evaluate Continuing Calibration Report.

### **10. Form 7 – Calibration Verification Summary**

- a. Sample No.: WG2017114-2
  - i. Three (3) values found outside of QC limits.
  - ii. Data is Acceptable.
- b. Sample No.: WG2017269-2
  - i. Eighteen (18) values were found outside of QC limits.
  - ii. Data is Acceptable.
- c. Sample No.: WG2017580-2
  - i. Seventeen (17) values found outside of QC limits.
  - ii. Data is Acceptable.
- d. Sample No.: WG2017966-2
  - i. Nine (9) values found outside of QC limits.
  - ii. Data is Acceptable.
- e. Sample No.: WG2017986-2
  - i. Fifteen (15) values found outside of QC limits.
  - ii. Data is Acceptable.
- f. Sample No.: WG2018141-2
  - i. Six (6) values found outside of QC limits.
  - ii. Data is Acceptable.
- g. Reviewed Evaluate Continuing Calibration Report.
- h. Reviewed Quantitation Report.
- i. Reviewed Manual Integration Report.

### **11. Form 8a – Internal Standard Area and RT Summary**

- i. No values found outside of QC limits.
- ii. Data is Acceptable.

12. Have all the data been generated using established and agreed upon analytical protocols?

- a. Yes, all the data has been generated using established and agreed upon analytical protocols.

13. Does an evaluation of the raw data confirm the results provided in the data summary sheets and quality control verification forms?

- a. Yes, the raw data confirms the results provided in the data summary sheets and quality control verification forms.
- b. Reviewed Method Blank Raw Data.
- c. Reviewed Raw Data.
- d. Reviewed Manual Integration Reports.
- e. Reviewed Quantitation Reports.

**Pace Project (SDG) No.: L2500377**  
**Client Project ID: 41.0163310.10**  
**Project Name: 4778 Broadway**  
**Collection Date – January 2, 2025**

14. Have the correct data qualifiers been used and are they consistent with the most current DEC ASP?
  - a. Yes, the correct data qualifiers have been used.
  
15. Have any quality control (QC) exceedances been specifically noted in the DUSR?
  - a. The Quality Control data has been checked; any exceedances have been noted.



## SVOCs EPA 8270E – WATER SAMPLES

### 1. Form I – Results Summary

- a. Water samples – MW-6, MW-5, MW-2, 2025-01-02 Field Duplicate, MW-3, MW-4, MW-1, TRIP BLANK, WG2017114-5BLANK, WG2016529-1BLANK
  - i. Qualifiers used:
    1. U – Not detected at the method detection limit (MDL) for the sample.
    2. J – Estimated Value.
    3. E – Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
  - ii. MW-6, MW-2, 2025-01-02 Field Duplicate, MW-1 had a 10X dilution.
  - iii. Data is Acceptable.
  - iv. Quantitation Report (QT Reviewed) for each compound.
  - v. Reviewed Manual Integration Report.
2. Do all the QC data; blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls and sample data fall within the protocol required limits and specifications?
  - a. Yes, all the QC Data falls within the protocol required limits and specifications.

### 3. Form 2 – Surrogate Recovery Summary - Semivolatiles

- i. No Qualifiers used.
- ii. No values found outside of QC limits.
- iii. Data is Acceptable.

### 4. Form 3 – Laboratory Control Sample Summary

- a. LCS Sample ID: WG2016529-2, LCSD Sample ID: WG2016529-3
  - i. Values found outside of recovery limits.
  - ii. Qualifiers Used:
    1. Q – The quality control sample exceeds the associated acceptance criteria.
  - iii. Data is Acceptable.

### 5. Form 4 – Method Blank Summary

- i. Data is Acceptable.

### 6. Form 5 – Instrument Performance Check (Tune) Summary – Semivolatiles – Decafluorotriphenylphosphine (DFTPP)

- i. No exceptions noted.

## 7. Form 6 – Initial Calibration Summary

- i. Values found outside of %RSD.
- ii. Qualifiers found out of range.
- iii. Reviewed Response Factor Report.
- iv. Reviewed Quantitation Report (QT Reviewed).
- v. Reviewed Manual Integration Report.
- vi. Data is Acceptable.

## 8. Form 7 – Calibration Verification Summary

- i. Sample No: WG2016648-3
  1. Two (2) values found outside of QC limits.
  2. Data is Acceptable.
- ii. Sample No: WG2016648-4
  1. Three (3) values found outside of QC limits.
  2. Data is Acceptable.
- iii. Sample No: WG2016648-5
  1. Five (5) values found outside of QC limits.
  2. Data is Acceptable.
- iv. Sample No: WG2016797-3
  1. Five (5) values found outside of QC limits.
  2. Data is Acceptable.
- v. Sample No: WG2016797-4
  1. Four (4) values found outside of QC limits.
  2. Data is Acceptable.
- vi. Sample No: WG2016797-5
  1. No values found outside of QC limits.
  2. Data is Acceptable.
- vii. Sample No: WG2017158-3
  1. Three (3) values found outside of QC limits.
  2. Data is Acceptable.
- viii. Sample No: WG2017158-4
  1. No values found outside of QC limits.
  2. Data is Acceptable.
- ix. Sample No: WG2017158-5
  1. Two (2) values found outside of QC limits.
  2. Data is Acceptable.
- x. Reviewed Evaluate Continuing Calibration Report.
- xi. Reviewed Quantitation Report.
- xii. Reviewed Manual Integration Report.

## 9. Form 8a – Internal Standard Area and Retention Time Summary

- i. All samples met internal standard area and retention time criteria.
- ii. No values found outside of QC limits.
- iii. Acceptable.

10. Have all the data been generated using established and agreed upon analytical protocols?
  - a. Yes, all the data has been generated using established and agreed upon analytical protocols.
  
11. Does an evaluation of the raw data confirm the results provided in the data summary sheets and quality control verification forms?
  - a. Yes, the raw data confirms the results provided in the data summary sheets and quality control verification forms.
  - b. Reviewed SVOA Raw QC Data.
  - c. Reviewed Method Blank Raw Data.
  
12. Have the correct data qualifiers been used and are they consistent with the most current DEC ASP?
  - a. Yes, the correct data qualifiers have been used. Exceptions have been noted in the beginning of the report.
  
13. Have any quality control (QC) exceedances been specifically noted in the DUSR?
  - a. The Quality Control data has been checked; any exceedances have been noted.

## SVOCs EPA 8270D SIM

### 1. Form I - Results Summary

- a. Water samples – MW-6, MW-5, MW-2, 2025-01-02 Field Duplicate, MW-3, MW-4, MW-1, WG2016530-1BLANK
  - i. Qualifiers used:
    1. U – Not detected at the method detection limit (MDL) for the sample.
    2. J – Estimated Value.
    3. E – Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
  - ii. Data is Acceptable.
  - iii. Quantitation Report (QT Reviewed) for each compound.
  - iv. Reviewed Manual Integration Report.
2. Do all the QC data; blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls and sample data fall within the protocol required limits and specifications?
  - a. Yes, all the QC Data falls within the protocol required limits and specifications.

### 3. Form 2 - Surrogate Recovery Summary - Semivolatiles

- i. No Qualifiers used.
- ii. No values found outside of QC limits.
- iii. Data is Acceptable.

### 4. Form 3 - Laboratory Control Sample Summary

- a. LCS Sample ID: WG2016530-2, LCSD Sample ID: WG2016530-3
  - i. No values found outside of recovery limits.
  - ii. Qualifiers Used:
    1. None.
  - iii. Data is Acceptable.

### 5. Form 4 - Method Blank Summary

- i. Data is Acceptable.

### 6. Form 5 - Instrument Performance Check (Tune) Summary - Semivolatiles - Decafluorotriphenylphosphine (DFTPP)

- i. No exceptions noted.

### 7. Form 6 - Initial Calibration Summary

- i. Values found outside of %RSD.

- ii. Qualifiers found out of range.
- iii. Reviewed Response Factor Report.
- iv. Reviewed Quantitation Report (QT Reviewed).
- v. Reviewed Manual Integration Report.
- vi. Data is Acceptable.

8. Form 7 – Calibration Verification Summary

- i. Sample No: WG2016712-3
  - 1. No values found outside of QC limits.
  - 2. Data is Acceptable.
- ii. Reviewed Evaluate Continuing Calibration Report.
- iii. Reviewed Quantitation Report.
- iv. Reviewed Manual Integration Report.

9. **Form 8a – Internal Standard Area and Retention Time Summary**

- i. All samples met internal standard area and retention time criteria.
- ii. No values found outside of QC limits.
- iii. Acceptable.

10. Have all the data been generated using established and agreed upon analytical protocols?

- a. Yes, all the data has been generated using established and agreed upon analytical protocols.

11. Does an evaluation of the raw data confirm the results provided in the data summary sheets and quality control verification forms?

- a. Yes, the raw data confirms the results provided in the data summary sheets and quality control verification forms.
- b. Reviewed SVOA Raw QC Data.
- c. Reviewed Method Blank Raw Data.

12. Have the correct data qualifiers been used and are they consistent with the most current DEC ASP?

- a. Yes, the correct data qualifiers have been used. Exceptions have been noted in the beginning of the report.

13. Have any quality control (QC) exceedances been specifically noted in the DUSR?

- a. The Quality Control data has been checked; any exceedances have been noted.

## WET CHEMISTRY - SULFATE

### 1. Form I – WETCHEM

- a. Water samples – MW-6, MW-5, MW-2, 2025-01-02 Field Duplicate, MW-3, MW-4, MW-1, WG2016561-1BLANK, WG2016561-3 DUP, WG2016562-1BLANK, 2025.01.02 FIELD DUPLICATEDUP
  - i. Qualifiers used:
    1. U – Not detected at the method detection limit (MDL) for the sample.
    2. J – Estimated Value.
  - ii. Data is Acceptable.

### 2. Form 5a – Matrix Spike

- a. Matrix Spike: WG2016561-4
  - i. Value not found outside of QC limit.
  - ii. Data is Acceptable.
- b. Matrix Spike: 2025-01-02 Field Duplicate
  - i. Value not found outside of QC limit.
  - ii. Data is Acceptable.

### 3. Form 6 – Lab Duplicates

- a. Dup Sample ID: WG2016561-3
  - i. Sample concentration is non-detect (ND).
  - ii. Data is Acceptable.
- b. Dup Sample ID: WG2016562-3
  - i. Sample concentration is within RPD limit.
  - ii. Data is Acceptable.

### 4. Form 7 – Laboratory Control Sample

- a. Lab Sample ID: WG2016561-2
  - i. Value is within Recovery Limits.
  - ii. Data is Acceptable.
- b. Lab Sample ID: WG2016562-2
  - i. Value is within Recovery Limits.
  - ii. Data is Acceptable.

# DATA USABILITY SUMMARY REPORT

Pace Analytical

**Pace Project (SDG) No.: L2504896**

**Client Project ID: 41.0163310.10**

**Project Name: 4778 Broadway**

Water Samples

Collection Date – January 28, 2025

## **PREPARED FOR:**

GZA GeoEnvironmental, Inc. – NYC

104 West 29<sup>th</sup> Street, 10<sup>th</sup> Floor

New York, NY 10001

Attention: Victoria Whelan

## **PREPARED BY:**

Christine A. Camardella, P.G., PMP

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516-946-1121

February 24, 2025

Pace Project (SDG) No.: L2504896  
 Client Project ID: 41.0163310.10  
 Project Name: 4778 Broadway  
 Collection Date - January 28, 2025

**Data Usability Summary Report Introduction & Notes**

**Client Project ID: 41.0163310.10**  
**Sample Collection Date: January 28, 2025**  
**Pace Project (SDG) No. L2504896**

**Sample Identification:**

CLIENT SAMPLE ID	LAB ID	MATRIX	VOCs 8260D	SVOCs 8270E	SULFATE	TPH
MW-01	L2504896-01	WATER	X	X	X	X
MW-02	L2504896-02	WATER	X	X	X	X
MW-03	L2504896-03	WATER	X	X	X	X
MW-04	L2504896-04	WATER	X	X	X	X
MW-05	L2504896-05	WATER	X	X	X	X
MW-06	L2504896-06	WATER	X	X	X	X
MW-DUP	L2504896-07	WATER	X	X	X	X
FIELD BLANK	L2504896-08	WATER	X			
TRIP BLANK	L2504896-09	WATER	X			

**Definitions:**

GW – Water  
 NA – Not Analyzed  
 PFAS – Polyfluoroalkyl Substances  
 VOCs – Volatile Organic Compounds  
 SV – Water Vapor  
 SVOCs – Semi-Volatile Organic Compounds  
 Herbs – Herbicides  
 PCBs – Polychlorinated Biphenyls  
 Pest - Pesticides  
 LCS – Lab Control Sample  
 LCSD – Lab Control Sample Duplicate

**Notes:**

- Case Narrative – please refer to laboratory report, page 13.
- Data Package Glossary - please refer to laboratory report, page 14.



**Pace Project (SDG) No.: L2504896**  
**Client Project ID: 41.0163310.10**  
**Project Name: 4778 Broadway**  
**Collection Date – January 28, 2025**

- Data Qualifier Definitions - please refer to laboratory report, page 16.

All qualifiers utilized within the laboratory report have associated definitions as can be found on page 16.

**The data package was evaluated as per:**

- New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation (DER) 10/Technical Guidance for Site Investigation and Remediation – May 3, 2010, Appendix 2B – Guidance for the Development of DUSRs.
- United States Environmental Protection Agency (USEPA) Laboratory Contract Program.

The Data Usability Summary follows for each sample.

### VOCs EPA 8260 - WATER SAMPLES

1. Is the data package complete as defined under the requirements for the most current DEC Analytical Services Protocol (ASP) Category B or USEPA CLP data deliverables?
  - a. Yes, the data package is complete as per DEC ASP Category B.

2. Have all the holding times been met?
  - a. Yes, all holding times have been met - Reviewed Holding Time Summary.

### 3. Form 1 - Volatile Organics by GC/MS

- a. Water samples - MW-01, MW-02, MW-03, MW-04, MW-05, MW-06, MW-DUP, FIELD BLANK, TRIP BLANK, WG2025648-5BLANK, WG2026556-5BLANK, WG2026639-5BLANK, WG2027004-5BLANK, WG2027105-5BLANK
  - b. Qualifiers used:
    - i. U - Not detected at the method detection limit (MDL) for the sample.
    - ii. J - Estimated Value.
    - iii. E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
  - c. Data is Acceptable.
  - d. Quantitation Report (QT Reviewed) for each compound.
  - e. Reviewed Manual Integration Report.
4. Do all the QC data; blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls and sample data fall within the protocol required limits and specifications?
    - a. Yes, all the QC Data falls within the protocol required limits and specifications.

### 5. Form 2 - Surrogate Recovery Summary

- i. Qualifier used:
  - a. None
- ii. No values found outside of QC limits.
- iii. No exceptions noted - Acceptable.

### 6. Form 3 - Laboratory Control Sample

- a. LCS Sample ID: WG2025648-3, LCSD Sample ID: WG2025648-4
  - i. Qualifier Used:
    1. None.
  - ii. No values found outside of Recovery Limits.
  - iii. Data is Acceptable.
- b. LCS Sample ID: WG2026556-3, LCSD Sample ID: WG2026556-4
  - i. Qualifier Used:

1. Q – The quality control sample exceeds the associated acceptance criteria.
- ii. Values found outside of Recovery Limits.
- iii. Data is Acceptable.
- c. LCS Sample ID: WG2026639-3, LCSD Sample ID: WG2026639-4
  - i. Qualifier Used:
    1. Q – The quality control sample exceeds the associated acceptance criteria.
    - ii. Values found outside of Recovery Limits.
    - iii. Data is Acceptable.
  - d. LCS Sample ID: WG2017966-3, LCSD Sample ID: WG2017966-4
    - i. Qualifier Used:
      1. Q – None.
      - ii. No values found outside of Recovery Limits.
      - iii. Data is Acceptable.
    - e. LCS Sample ID: WG2027004-3, LCSD Sample ID: WG2027004-4
      - i. Qualifier Used:
        1. Q – The quality control sample exceeds the associated acceptance criteria.
        - ii. Values found outside of Recovery Limits.
        - iii. Data is Acceptable.
      - f. LCS Sample ID: WG2027105-3, LCSD Sample ID: WG2027105-4
        - i. Qualifier Used:
          1. Q – None.
          - ii. No values found outside of Recovery Limits.
          - iii. Data is Acceptable.

**7. Form 4 – Method Blank Summary**

- i. Data is Acceptable.

**8. Form 5 – Instrument Performance Check (Tune) Summary – Volatiles – Bromofluorobenzene (BFB)**

- i. Data is Acceptable.

**9. Form 6 – Initial Calibration Summary**

- i. Qualifiers found out of range.
- ii. Values found outside of %RSD.
- iii. Data is Acceptable.
- iv. Reviewed Response Factor Report.
- v. Reviewed Quantitation Report (QT Reviewed).
- vi. Reviewed Manual Integration Report.
- vii. Reviewed Evaluate Continuing Calibration Report.

#### **10. Form 7 - Calibration Verification Summary**

- a. Sample No.: WG2025648-2
  - i. Four (4) values found outside of QC limits.
  - ii. Data is Acceptable.
- b. Sample No.: WG2026556-2
  - i. Thirteen (13) values were found outside of QC limits.
  - ii. Data is Acceptable.
- c. Sample No.: WG2026639-2
  - i. Two (2) values found outside of QC limits.
  - ii. Data is Acceptable.
- d. Sample No.: WG2027105-2
  - i. Eleven (11) values found outside of QC limits.
  - ii. Data is Acceptable.
- e. Sample No.: WG2027004-2
  - i. Twelve (12) values found outside of QC limits.
  - ii. Data is Acceptable.
- f. Reviewed Evaluate Continuing Calibration Report.
- g. Reviewed Quantitation Report.
- h. Reviewed Manual Integration Report.

#### **11. Form 8a - Internal Standard Area and RT Summary**

- i. No values found outside of QC limits.
- ii. Data is Acceptable.

12. Have all the data been generated using established and agreed upon analytical protocols?

- a. Yes, all the data has been generated using established and agreed upon analytical protocols.

13. Does an evaluation of the raw data confirm the results provided in the data summary sheets and quality control verification forms?

- a. Yes, the raw data confirms the results provided in the data summary sheets and quality control verification forms.
- b. Reviewed Method Blank Raw Data.
- c. Reviewed Raw Data.
- d. Reviewed Manual Integration Reports.
- e. Reviewed Quantitation Reports.

14. Have the correct data qualifiers been used and are they consistent with the most current DEC ASP?

- a. Yes, the correct data qualifiers have been used.

15. Have any quality control (QC) exceedances been specifically noted in the DUSR?

- a. The Quality Control data has been checked; any exceedances have been noted

## **SVOCs EPA 8270E - WATER SAMPLES**

### **1. Form I - Results Summary**

- a. Water samples - MW-01, MW-02, MW-03, MW-04, MW-05, MW-06, MW-DUP, FIELD BLANK, TRIP BLANK, WG2025344-1BLANK
  - i. Qualifiers used:
    1. U - Not detected at the method detection limit (MDL) for the sample.
    2. J - Estimated Value.
    3. E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
  - ii. MW-01, MW-05, MW-06 had 5X dilution
  - iii. MW-06 had a 25X dilution.
  - iv. Data is Acceptable.
  - v. Quantitation Report (QT Reviewed) for each compound.
  - vi. Reviewed Manual Integration Report.
2. Do all the QC data; blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls and sample data fall within the protocol required limits and specifications?
  - a. Yes, all the QC Data falls within the protocol required limits and specifications.

### **3. Form 2 - Surrogate Recovery Summary - Semivolatiles**

- i. No Qualifiers used.
- ii. No values found outside of QC limits.
- iii. Data is Acceptable.

### **4. Form 3 - Laboratory Control Sample Summary**

- a. LCS Sample ID: WG2025344-2, LCSD Sample ID: WG2025344-3
  - i. Values found outside of recovery limits.
  - ii. Qualifiers Used:
    1. Q - The quality control sample exceeds the associated acceptance criteria.
  - iii. Data is Acceptable.

### **5. Form 4 - Method Blank Summary**

- i. Data is Acceptable.

### **6. Form 5 - Instrument Performance Check (Tune) Summary - Semivolatiles - Decafluorotriphenylphosphine (DFTPP)**

- i. No exceptions noted.

### **7. Form 6 - Initial Calibration Summary**

- i. Values found outside of %RSD.
- ii. Qualifiers found out of range.
- iii. Reviewed Response Factor Report.
- iv. Reviewed Quantitation Report (QT Reviewed).
- v. Reviewed Manual Integration Report.
- vi. Data is Acceptable.

#### **8. Form 7 – Calibration Verification Summary**

- i. Sample No: WG2025552-3
  1. Seven (7) values found outside of QC limits.
  2. Data is Acceptable.
- ii. Sample No: WG2025552-4
  1. Seven (7) values found outside of QC limits.
  2. Data is Acceptable.
- iii. Sample No: WG2025552-5
  1. No values found outside of QC limits.
  2. Data is Acceptable.
- iv. Sample No: WG2026343-3
  1. Seven (7) values found outside of QC limits.
  2. Data is Acceptable.
- v. Sample No: WG2026343-4
  1. No values found outside of QC limits.
  2. Data is Acceptable.
- vi. Sample No: WG2026343-5
  1. One (1) value found outside of QC limits.
  2. Data is Acceptable.
- vii. Sample No: WG2026444-3
  1. Three (3) values found outside of QC limits.
  2. Data is Acceptable.
- viii. Sample No: WG2026444-4
  1. No values found outside of QC limits.
  2. Data is Acceptable.
- ix. Sample No: WG2026444-5
  1. No values found outside of QC limits.
  2. Data is Acceptable.
- x. Reviewed Evaluate Continuing Calibration Report.
- xi. Reviewed Quantitation Report.
- xii. Reviewed Manual Integration Report.
- xiii. Reviewed three (3) sets of data and corresponding reports.

#### **9. Form 8a – Internal Standard Area and Retention Time Summary**

- i. All samples met internal standard area and retention time criteria.
- ii. No values found outside of QC limits.
- iii. Acceptable.

10. Have all the data been generated using established and agreed upon analytical protocols?
  - a. Yes, all the data has been generated using established and agreed upon analytical protocols.
  
11. Does an evaluation of the raw data confirm the results provided in the data summary sheets and quality control verification forms?
  - a. Yes, the raw data confirms the results provided in the data summary sheets and quality control verification forms.
  - b. Reviewed SVOA Raw QC Data.
  - c. Reviewed Method Blank Raw Data.
  
12. Have the correct data qualifiers been used and are they consistent with the most current DEC ASP?
  - a. Yes, the correct data qualifiers have been used. Exceptions have been noted in the beginning of the report.
  
13. Have any quality control (QC) exceedances been specifically noted in the DUSR?
  - a. The Quality Control data has been checked; any exceedances have been noted.

## SVOCs EPA 8270D SIM

### 1. Form I - Results Summary

- a. Water samples – MW-01, MW-02, MW-03, MW-04, MW-05, MW-06, MW-DUP, WG2025345-1BLANK
  - i. Qualifiers used:
    1. U – Not detected at the method detection limit (MDL) for the sample.
    2. J – Estimated Value.
  - ii.
  - iii. Data is Acceptable.
  - iv. Quantitation Report (QT Reviewed) for each compound.
  - v. Reviewed Manual Integration Report.
2. Do all the QC data; blanks, instrument tunings, calibration standards, calibration verifications, surrogate recoveries, spike recoveries, replicate analyses, laboratory controls and sample data fall within the protocol required limits and specifications?
  - a. Yes, all the QC Data falls within the protocol required limits and specifications.

### 3. Form 2 - Surrogate Recovery Summary - Semivolatiles

- i. No Qualifiers used.
- ii. No values found outside of QC limits.
- iii. Data is Acceptable.

### 4. Form 3 - Laboratory Control Sample Summary

- a. LCS Sample ID: WG2025345-2, LCSD Sample ID: WG2025345-3
  - i. No values found outside of recovery limits.
  - ii. Qualifiers Used:
    1. None.
  - iii. Data is Acceptable.

### 5. Form 4 - Method Blank Summary

- i. Data is Acceptable.

### 6. Form 5 - Instrument Performance Check (Tune) Summary - Semivolatiles - Decafluorotriphenylphosphine (DFTPP)

- i. No exceptions noted.

### 7. Form 6 - Initial Calibration Summary

- i. Values found outside of %RSD.
- ii. Qualifiers found out of range.
- iii. Reviewed Response Factor Report.
- iv. Reviewed Quantitation Report (QT Reviewed).



- v. Reviewed Manual Integration Report.
- vi. Data is Acceptable.

8. Form 7 – Calibration Verification Summary

- a. Sample No: WG2025635-3
  - 1. One (1) value found outside of QC limits.
  - 2. Data is Acceptable.
- ii. Reviewed Evaluate Continuing Calibration Report.
- iii. Reviewed Quantitation Report.
- iv. Reviewed Manual Integration Report.
- b. Sample No: WG2026437-3
  - 1. One (1) value found outside of QC limits.
  - 2. Data is Acceptable.
- ii. Reviewed Evaluate Continuing Calibration Report.
- iii. Reviewed Quantitation Report.
- iv. Reviewed Manual Integration Report.

9. Form 8a – Internal Standard Area and Retention Time Summary

- i. All samples met internal standard area and retention time criteria.
- ii. No values found outside of QC limits.
- iii. Acceptable.

10. Have all the data been generated using established and agreed upon analytical protocols?

- a. Yes, all the data has been generated using established and agreed upon analytical protocols.

11. Does an evaluation of the raw data confirm the results provided in the data summary sheets and quality control verification forms?

- a. Yes, the raw data confirms the results provided in the data summary sheets and quality control verification forms.
- b. Reviewed SVOA Raw QC Data.
- c. Reviewed Method Blank Raw Data.

12. Have the correct data qualifiers been used and are they consistent with the most current DEC ASP?

- a. Yes, the correct data qualifiers have been used. Exceptions have been noted in the beginning of the report.

13. Have any quality control (QC) exceedances been specifically noted in the DUSR?

- a. The Quality Control data has been checked; any exceedances have been noted.

Pace Project (SDG) No.: L2504896  
Client Project ID: 41.0163310.10  
Project Name: 4778 Broadway  
Collection Date - January 28, 2025

## WET CHEMISTRY - SULFATE

### 1. Form I - WETCHEM

- a. Water samples - MW-01, MW-02, MW-03, MW-04, MW-05, MW-06, MW-DUP, WG2025746-1BLANK, WG2025297-4 DUP
  - i. Qualifiers used:
    1. U - Not detected at the method detection limit (MDL) for the sample.
  - ii. Data is Acceptable.
  - iii. Reviewed Sample Raw Data.
  - iv. Reviewed Peak Integration Report.

### 2. Form 5a - Matrix Spike

- a. Matrix Spike: WG2025746-3
  - i. Value not found outside of QC limit.
  - ii. Data is Acceptable.

### 3. Form 6 - Lab Duplicates

- a. Dup Sample ID: WG2025746-4
  - i. Sample concentration is non-detect (ND).
  - ii. Data is Acceptable.

### 4. Form 7 - Laboratory Control Sample

- a. Lab Sample ID: WG2025746-2
  - i. Value is within Recovery Limits.
  - ii. Data is Acceptable.

**Oil & Grease/TPH Analysis by Method 1664**

**1. Form I - WETCHEM**

- a. Water samples - MW-01, MW-02, MW-03, MW-04, MW-05, MW-06, MW-DUP, WG2025388\_TPH, WG2025338-3 DUP
  - i. Qualifiers used:
    - 1. U - Not detected at the method detection limit (MDL) for the sample.
  - ii. Data is Acceptable.
  - iii. Reviewed Sample Raw Data.

**2. Form 5a - Matrix Spike**

- a. Matrix Spike: WG2025338-4
  - i. Value not found outside of QC limit.
  - ii. Data is Acceptable.

**3. Form 6 - Lab Duplicates**

- a. Dup Sample ID: WG2025338-3
  - i. Sample concentration is non-detect (ND).
  - ii. Data is Acceptable.

**4. Form 7 - Laboratory Control Sample**

- a. Lab Sample ID: WG2025388-2
  - i. Value is within Recovery Limits.
  - ii. Data is Acceptable.

# **Appendix K**

## **Certified Clean Backfill Documentation**



# Stone Industries, Inc.

Fax: 973-790-5835

PO Box 8310 400-402 Central Ave. Haledon, NJ (973)595-6250

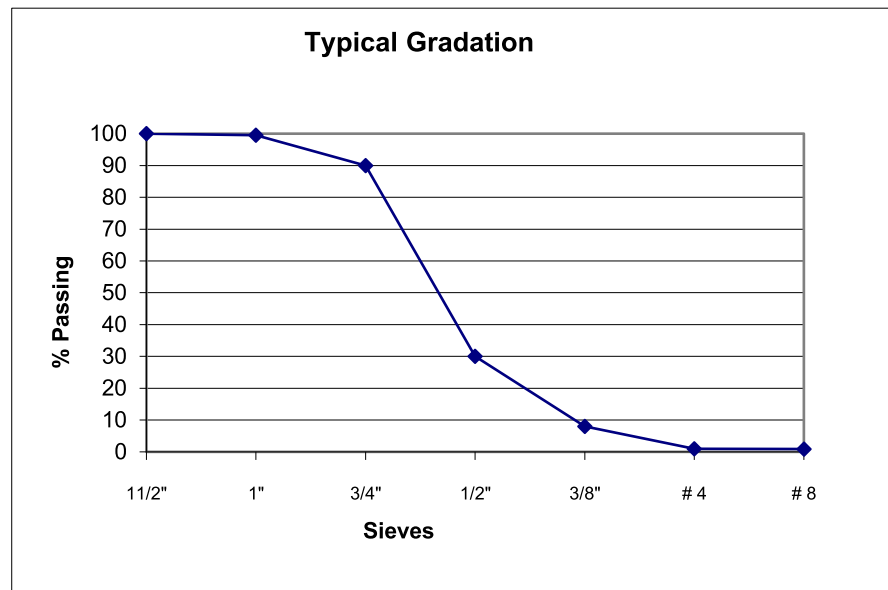
Stone Industries Central Materials Test Lab • PO Box 8310, Haledon NJ 07538

## Typical Gradation

Material:	# 57's (3/4")
Property	Result Ohms Cm.
Resisitivity AASHTO T288	4826

Date:	2021
-------	------

1 1/2"	100
1"	99.5
3/4"	90
1/2"	30
3/8"	8
# 4	1
# 8	0.9



Unit Weight	
Loose	92 lbs /ft3
DRW	102 lbs /ft3

This is a typical gradation of the material listed above. It is meant to be used as a reference point. This Product conforms to 2019 NJDOT Standard Specifications; Section 900 § 901. This is to certify the material supplied by Stone Industries, Inc. to the above referenced project is/was extracted at our virgin basalt trap rock deposit, located in the Borough of Haledon, Passaic County, on Blk 58, Lot 7; Blk 58.01, Lot 1; Block 59, Lot 1; Blk 29.01, Lot 1.07.; Blk 1901, lot26; Blk 2000, Lot 25,56,57,58, commonly known as 400/402 Central Avenue, Haledon, NJ. To the best of our knowledge this material is free from contaminants prior to shipment. The NJ Mine Registration # 004801.

<b>REVIEWED</b>	
GTA Engineering Services of N.Y., P.C.	
By:	J. Skirkie
Date:	03/03/2021
<input type="checkbox"/>	COMMENTS AS NOTED
<input checked="" type="checkbox"/>	NO COMMENTS

# Stone Industries, Inc.

Fax: 973-790-5835

PO Box 8310 400-402 Central Ave. Haledon, NJ (973)595-6250

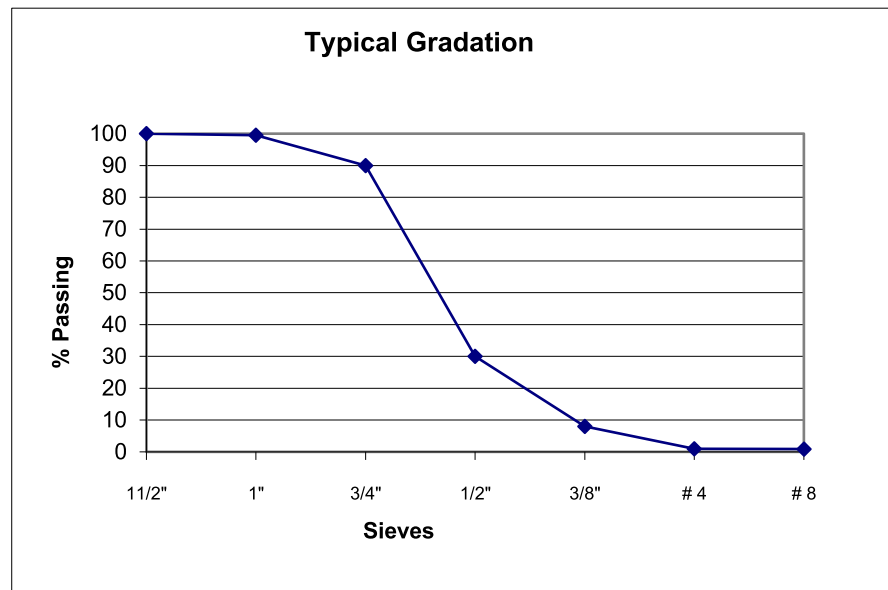
Stone Industries Central Materials Test Lab • PO Box 8310, Haledon NJ 07538

## Typical Gradation

Material:	# 57's (3/4")
Property	Result Ohms Cm.
Resisitivity AASHTO T288	4826

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# 4	1
# 8	0.9



<b>Unit Weight</b>	
Loose	92 lbs /ft3
DRW	102 lbs /ft3

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<b>REVIEWED</b>	
GTA Engineering Services of N.Y., P.C.	
By:	J. Skirkie
Date:	03/03/2021
<input type="checkbox"/>	COMMENTS AS NOTED
<input checked="" type="checkbox"/>	NO COMMENTS



Philip D. Murphy  
Governor

Robert Asaro-Angelo  
Commissioner

Sheila Y. Oliver  
Lieutenant Governor

State of New Jersey  
DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT  
LABOR STANDARDS AND SAFETY ENFORCEMENT  
DIVISION OF PUBLIC SAFETY & OCCUPATIONAL SAFETY & HEALTH  
Office of Safety Compliance  
P.O. Box 386  
Trenton, NJ 08625-0386  
(609) 292-2096 • Fax: (609) 777-4589

**Certificate No:** 004863

**Expiration Date:** 03/31/2023

# MINE REGISTRATION CERTIFICATE

**ISSUED TO:** Braen Royalties

**BLK NO(S):** SEE BELOW

**LOCATION:** Braen Royalties  
217 Limecrest Rd  
Lafayette, NJ

**LOT NO(S):** SEE BELOW

**COUNTY:** Sussex

**FEE:** \$3,000.00

Issued pursuant to the provisions of N.J.S.A 34:6-98.1 et. seq. Failure to comply with the provisions of the Act, and the Rules promulgated thereunder, shall be good cause for the revocation of this Certificate.

Commissioner

## THIS CERTIFICATE MUST BE POSTED AT ALL TIMES

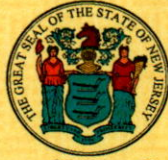
BLOCK NO(S)

LOT NO(S)

217 Limecrest Rd

11001, 1.02, 108.01

1, 171, 172, 173, 174, 1, 2, 4, 5, 1



Philip D. Murphy  
Governor

Robert Asaro-Angelo  
Commissioner

Sheila Y. Oliver  
Lieutenant Governor

State of New Jersey  
DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT  
LABOR STANDARDS AND SAFETY ENFORCEMENT  
DIVISION OF PUBLIC SAFETY & OCCUPATIONAL SAFETY & HEALTH  
Office of Safety Compliance  
P.O. Box 386  
Trenton, NJ 08625-0386  
(609) 292-2096 • Fax: (609) 777-4589

**Certificate No:** 004856

**Expiration Date:** 03/31/2023

# MINE REGISTRATION CERTIFICATE

**ISSUED TO:** Liberty Stone & Aggregates-Clinton Quarry

**BLK NO(S):** SEE BELOW

**LOCATION:** Liberty Stone & Aggregates-Clinton Quarry  
5 Rte #173  
Union Twsp, NJ

**LOT NO(S):** SEE BELOW

**COUNTY:** Hunterdon

**FEE:** \$1,000.00

Issued pursuant to the provisions of N.J.S.A 34:6-98.1 et. seq. Failure to comply with the provisions of the Act, and the Rules promulgated thereunder, shall be good cause for the revocation of this Certificate.

Commissioner

## THIS CERTIFICATE MUST BE POSTED AT ALL TIMES

BLOCK NO(S)

LOT NO(S)

5 Rte #173

22

30







Philip D. Murphy  
Governor

Robert Asaro-Angelo  
Commissioner

State of New Jersey

DEPARTMENT OF LABOR AND WORKFORCE DEVELOPMENT  
LABOR STANDARDS AND SAFETY ENFORCEMENT  
DIVISION OF PUBLIC SAFETY & OCCUPATIONAL SAFETY & HEALTH  
Office of Safety Compliance  
P.O. Box 386  
Trenton, NJ 08625-0386  
(609) 292-2096 • Fax: (609) 777-4589

Sheila Y. Oliver  
Lieutenant Governor

**Certificate No:** 004864

**Expiration Date:** 03/31/2023

# MINE REGISTRATION CERTIFICATE

**ISSUED TO:** Stone Industries

**BLK NO(S):** SEE BELOW

**LOCATION:** Stone Industries  
400-402 Central Ave  
Haledon, NJ

**LOT NO(S):** SEE BELOW

**COUNTY:** Passaic

**FEE:** \$3,000.00

Issued pursuant to the provisions of N.J.S.A 34:6-98.1 et. seq. Failure to comply with the provisions of the Act, and the Rules promulgated thereunder, shall be good cause for the revocation of this Certificate.

Commissioner

## THIS CERTIFICATE MUST BE POSTED AT ALL TIMES

BLOCK NO(S)

LOT NO(S)

400-402 Central Ave

58, 58.01, 59, 29.01, 1901, 2000

7, 1, 1, 1.071, 25, 26, 56, 57, 58



Dispatch: 973-599-6130 Fax: 973-720-6456  
www.braenstone.com

Haledon Quarry & Asphalt Plants  
400-402 Central Avenue  
Haledon, NJ 07508

Ringwood Quarry  
589 Westport Road  
Ringwood, NJ 07456

Franklin Quarry  
289 Corn Hill Road  
Franklin, NJ 07416

Sparta Quarry  
217 Limestone Road  
Lafayette, NJ 07848

**Plant:**  
BraenStone - Sparta, NJ

**Ticket #**  
470374

**Date:** 01/17/23  
**Time:** 14:30  
**Carrier:** FOB TRUCK

**Truck:** AS416T  
JENCAR64

**Customer:** 003223  
ALL SUFFOLK MATERIALS INC.

**FOB**  
**Job:** 911197  
ALL SUFFOLK MATERIALS 2022 PR

**P.O.#:**

ALL SUFFOLK MATERIALS 2022 PRICING

**Product:** S314L  
3/4 STONE - LIMESTONE

**Phase:** 0  
DEFAULT

**JMF:**  
(Daily) Loads: 1 Amount: 25.36 Tn 23.01 Mg

**Gross:** 39.33 TN 78660 lb 35.68 Mg  
**Tare:** 13.97 TN 27940 lb 12.67 Mg  
**Net:** 25.36 TN 50720 lb 23.01 Mg

Received By:

Signing above confirms I have read rules on back

Weighmaster: DANIELLE CRUICE



4 7 0 3 7 4



Dispatch: 973-595-6340 Fax: 973-720-6456  
www.braenstone.com

Haledon Quarry & Asphalt Plants  
400-402 Central Avenue  
Haledon, NJ 07508

Ringwood Quarry  
589 Westbrook Road  
Ringwood, NJ 07456

Franklin Quarry  
250 Cork Hill Road  
Franklin, NJ 07416

Sparta Quarry  
217 Limecrest Road  
Lafayette, NJ 07848

Plant:  
BraenStone - Sparta, NJ

Ticket #  
470376

Date: 01/17/23  
Time: 14:35  
Carrier: FOB TRUCK

Truck: AS450Y  
JENCAR69

Customer: 003223  
ALL SUFFOLK MATERIALS INC.

**FOB**  
Job: 911197  
ALL SUFFOLK MATERIALS 2022 PR

P.O.#:

ALL SUFFOLK MATERIALS 2022 PRICING

4778 Broadway

Product: S314L  
3/4 STONE - LIMESTONE

Phase: 0  
DEFAULT

JMF:  
(Daily) Loads: 2 Amount: 50.73 Tn 46.02 Mg

Gross: 39.25 TN 78500 lb 35.61 Mg  
Tare: 13.88 TN 27760 lb 12.59 Mg  
Net: 25.37 TN 50740 lb 23.02 Mg

F.P

Received By:

Signing above confirms I have read rules on back  
Weighmaster: DANIELLE CRUICE



4 7 0 3 7 6



Dispatch: 973-595-6100 Fax: 973-720-6456  
www.braenstone.com

Haledon Quarry & Asphalt Plants  
400-402 Central Avenue  
Haledon, NJ 07508

Ringwood Quarry  
589 Westbrook Road  
Ringwood, NJ 07456

Franklin Quarry  
280 Cork Hill Road  
Franklin, NJ 07416

Sparta Quarry  
217 Limecrest Road  
Lafayette, NJ 07848

Plant:  
BraenStone - Sparta, NJ

Ticket #  
470383

Date: 01/17/23  
Time: 14:51  
Carrier: FOB TRUCK

Truck: AW847H  
JENCAR67

Customer: 003223  
ALL SUFFOLK MATERIALS INC.

**FOB**  
Job: 911197  
ALL SUFFOLK MATERIALS 2022 PR

P.O.#:

ALL SUFFOLK MATERIALS 2022 PRICING

Product: S314L  
3/4 STONE - LIMESTONE

Phase: 0  
DEFAULT

JMF:  
(Daily) Loads: 3 Amount: 76.08 Tn 69.02 Mg

Gross: 39.71 TN 79420 lb 36.02 Mg  
Tare: 14.36 TN 28720 lb 13.03 Mg  
Net: 25.35 TN 50700 lb 23.00 Mg

Received By:

Signing above confirms I have read rules on back

Weighmaster: DANIELLE CRUICE





Dispatch: 973-595-6130 Fax: 973-720-6456  
www.braenstone.com

Haledon Quarry & Asphalt Plants  
400-402 Central Avenue  
Haledon, NJ 07508

Ringwood Quarry  
589 Westbrook Road  
Ringwood, NJ 07456

Franklin Quarry  
280 Cork Hill Road  
Franklin, NJ 07416

Sparta Quarry  
217 Limecrest Road  
Lafayette, NJ 07848

Plant:  
BraenStone - Sparta, NJ

Ticket #  
470402

Date: 01/17/23  
Time: 15:27  
Carrier: FOB TRUCK

Truck: AW432C  
JENCAR77

Customer: 003223  
ALL SUFFOLK MATERIALS INC.

**FOB**  
Job: 911197  
ALL SUFFOLK MATERIALS 2022 PR

P.O.#:

ALL SUFFOLK MATERIALS 2022 PRICING

Product: S314L  
3/4 STONE - LIMESTONE

Phase: 0  
DEFAULT

JMF:  
(Daily) Loads: 4 Amount: 100.99 Tn 91.62 Mg

Gross: 39.05 TN 78100 lb 35.43 Mg  
Tare: 14.14 TN 28280 lb 12.83 Mg  
Net: 24.91 TN 49820 lb 22.60 Mg

LOAD - Sparta

Dump - 4778 Broadway

Jencar77

Jfk



Dispatch: 973-895-6130 Fax: 973-720-6456  
www.braenstone.com

Haledon Quarry & Asphalt Plants  
400 402 Central Avenue  
Haledon, NJ 07508

Ringwood Quarry  
589 Westbrook Road  
Ringwood, NJ 07456

Franklin Quarry  
150 Cork Hill Road  
Franklin, NJ 07416

Sparta Quarry  
217 Limestone Road  
Lafayette, NJ 07848

Plant:  
BraenStone - Sparta, NJ

Ticket #  
470413

Date: 01/17/23  
Time: 15:53  
Carrier: FOB TRUCK

Truck: AX780C  
JENCAR62

Customer: 003223  
ALL SUFFOLK MATERIALS INC.

**FOB**  
Job: 911197  
ALL SUFFOLK MATERIALS 2022 PR

P.O.#:

ALL SUFFOLK MATERIALS 2022 PRICING

Product: S314L  
3/4 STONE - LIMESTONE

Phase: 0  
DEFAULT

JMF:  
(Daily) Loads: 5 Amount: 126.40 Tn 114.67 Mg

Gross: 39.42 TN 78840 lb 35.76 Mg  
Tare: 14.01 TN 28020 lb 12.71 Mg  
Net: 25.41 TN 50820 lb 23.05 Mg

to 4778 Broadway NY

Received By:

Signing above confirms I have read rules on back  
Weighmaster: DANIELLE CRUICE



4 7 0 4 1 3



Dispatch: 973-595-6130 Fax: 973-720-6456  
www.braenstone.com

Haledon Quarry & Asphalt Plants  
400 402 Central Avenue  
Haledon, NJ 07508

Ringwood Quarry  
589 Westbrook Road  
Ringwood, NJ 07456

Franklin Quarry  
280 Cork Hill Road  
Franklin, NJ 07416

Sparta Quarry  
217 Limecrest Road  
Lafayette, NJ 07848

Plant:  
BraenStone - Sparta, NJ

Ticket #  
470414

Date: 01/17/23  
Time: 15:54  
Carrier: FOB TRUCK

Truck: AX913D  
JENCAR60

Customer: 003223  
ALL SUFFOLK MATERIALS INC.

**FOB**  
Job: 911197  
ALL SUFFOLK MATERIALS 2022 PR

P.O.#:

ALL SUFFOLK MATERIALS 2022 PRICING

Product: S314L  
3/4 STONE - LIMESTONE

Phase: 0  
DEFAULT

JMF:  
(Daily) Loads: 6 Amount: 151.99 Tn 137.89 Mg

Gross: 39.84 TN 79680 lb 36.14 Mg  
Tare: 14.25 TN 28500 lb 12.93 Mg  
Net: 25.59 TN 51180 lb 23.22 Mg

4778

Received By:

Signing above confirms I have read rules on back  
Weighmaster: DANIELLE CRUICE



4 7 0 4 1 4



Dispatch 973-595-6130 Fax: 973-720-6456  
www.braenstone.com

Haledon Quarry & Asphalt Plants  
400-402 Central Avenue  
Haledon, NJ 07508

Ringwood Quarry  
589 Westbrook Road  
Ringwood, NJ 07456

Franklin Quarry  
280 Cork Hill Road  
Franklin, NJ 07416

Sparta Quarry  
217 Limestone Road  
Lafayette, NJ 07848

Plant:  
BraenStone - Sparta, NJ

Ticket #  
470823

Date: 01/23/23  
Time: 14:25  
Carrier: FOB TRUCK

Truck: AX724C  
JENCAR68

*SPARTA*

Customer: 003223  
ALL SUFFOLK MATERIALS INC.

Job: 911197  
ALL SUFFOLK MATERIALS 2022 PR

P.O.#: ALL SUFFOLK MATERIALS 2022 PRICING

Product: S314L  
3/4 STONE - LIMESTONE

Phase: 0  
DEFAULT

*4778  
BROADW*

JMF:  
(Daily) Loads: 1 Amount: 25.23 Tn 22.89 Mg

Gross: 39.30 TN 78600 lb 35.65 Mg  
Tare: 14.07 TN 28140 lb 12.76 Mg  
Net: 25.23 TN 50460 lb 22.89 Mg

*JEN 68  
JUL 0.*

Received By: 

Signing above confirms I have read rules on back

Weighmaster: ALI TUMMINO



4 7 0 8 2 3





Dispatch: 973-895-6130 Fax: 973-720-6456  
www.braenstone.com

Haledon Quarry & Asphalt Plants  
400 402 Central Avenue  
Haledon, NJ 07508

Ringwood Quarry  
589 Westbrook Road  
Ringwood, NJ 07456

Franklin Quarry  
250 Cork Hill Road  
Franklin, NJ 07416

Sparta Quarry  
217 Limecrest Road  
Lafayette, NJ 07848

**Plant:**  
BraenStone - Sparta, NJ

**Ticket #**  
470824

**Date:** 01/23/23  
**Time:** 14:26  
**Carrier:** FOB TRUCK

**Truck:** AX914D  
JENCAR73

**Customer:** 003223  
ALL SUFFOLK MATERIALS INC.

**FOB**  
**Job:** 911197  
ALL SUFFOLK MATERIALS 2022 PR

**P.O.#:** ALL SUFFOLK MATERIALS 2022 PRICING

**Product:** S314L  
3/4 STONE - LIMESTONE

**Phase:** 0  
DEFAULT

**JMF:**  
(Daily) Loads: 2 Amount: 50.04 Tn 45.40 Mg

**Gross:** 38.93 TN 77860 lb 35.32 Mg  
**Tare:** 14.12 TN 28240 lb 12.81 Mg  
**Net:** 24.81 TN 49620 lb 22.51 Mg

*From: Sparta  
4778 Broadway  
Manhattan*

Received By:

Signing above confirms I have read rules on back

Weighmaster: ALI TUMMINO



4 7 0 8 2 4



Dispatch: 973-595-6330 Fax: 973-720-6456  
www.braenstone.com

Haledon Quarry & Asphalt Plants  
400 402 Central Avenue  
Haledon, NJ 07508

Ringwood Quarry  
589 Westbrook Road  
Ringwood, NJ 07456

Franklin Quarry  
260 Cork Hill Road  
Franklin, NJ 07416

Sparta Quarry  
217 Limestone Road  
Lafayette, NJ 07848

**Plant:**  
BraenStone - Sparta, NJ

**Ticket #**  
470831

**Date:** 01/23/23  
**Time:** 14:33  
**Carrier:** FOB TRUCK

**Truck:** AU853R  
JENCAR55

**Customer:** 003223  
ALL SUFFOLK MATERIALS INC.

**FOB**  
**Job:** 911197  
ALL SUFFOLK MATERIALS 2022 PR

**P.O.#:** ALL SUFFOLK MATERIALS 2022 PRICING

**Product:** S314L  
3/4 STONE - LIMESTONE

**Phase:** 0  
DEFAULT

**JMF:**  
(Daily) Loads: 3 Amount: 75.20 Tn 68.22 Mg

**Gross:** 39.08 TN 78160 lb 35.45 Mg  
**Tare:** 13.92 TN 27840 lb 12.63 Mg  
**Net:** 25.16 TN 50320 lb 22.83 Mg

Received By:

Signing above confirms I have read rules on back

Weighmaster: ALI TUMMINO



4 7 0 8 3 1



Dispatch: 973-595-5130 Fax: 973-720-6456  
www.braenstone.com

Haledon Quarry & Asphalt Plants  
400-402 Central Avenue  
Haledon, NJ 07508

Ringwood Quarry  
589 Westbrook Road  
Ringwood, NJ 07456

Franklin Quarry  
280 Cork Hill Road  
Franklin, NJ 07416

Sparta Quarry  
217 Limecrest Road  
Lafayette, NJ 07848

Plant:  
BraenStone - Sparta, NJ

Ticket #  
470841

Date: 01/23/23  
Time: 14:56  
Carrier: FOB TRUCK

Truck: AW847H  
JENCAR67

Customer: 003223  
ALL SUFFOLK MATERIALS INC.

**FOB**  
Job: 911197  
ALL SUFFOLK MATERIALS 2022 PR

P.O.#:

ALL SUFFOLK MATERIALS 2022 PRICING

4778 Broadway  
NY

Product: S314L  
3/4 STONE - LIMESTONE

Phase: 0  
DEFAULT

JMF:  
(Daily) Loads: 4 Amount: 100.82 Tn 91.46 Mg

Gross: 39.98 TN 79960 lb 36.27 Mg  
Tare: 14.36 TN 28720 lb 13.03 Mg  
Net: 25.62 TN 51240 lb 23.24 Mg

Received By:

Signing above confirms I have read rules on back

Weighmaster: ALI TUMMINO



4 7 0 8 4 1



Dispatch: 973-595-6130 Fax: 973-720-6456  
www.braenstone.com

Haledon Quarry & Asphalt Plants  
400-402 Central Avenue  
Haledon, NJ 07508

Ringwood Quarry  
569 Westbrook Road  
Ringwood, NJ 07456

Franklin Quarry  
289 Coak Hill Road  
Franklin, NJ 07416

Sparta Quarry  
217 Limecrest Road  
Lafayette, NJ 07848

Plant:  
BraenStone - Sparta, NJ

Ticket #  
470855

Date: 01/23/23  
Time: 15:28  
Carrier: FOB TRUCK

Truck: AX723C  
JENCAR66

Customer: 003223  
ALL SUFFOLK MATERIALS INC.

**FOB**  
Job: 911197  
ALL SUFFOLK MATERIALS 2022 PR

P.O.#: ALL SUFFOLK MATERIALS 2022 PRICING

Product: S314L  
3/4 STONE - LIMESTONE

Phase: 0  
DEFAULT

JMF:  
(Daily) Loads: 5 Amount: 126.47 Tn 114.73 Mg

Gross: 39.99 TN 79980 lb 36.28 Mg  
Tare: 14.34 TN 28680 lb 13.01 Mg  
Net: 25.65 TN 51300 lb 23.27 Mg

Received By:

Signing above confirms I have read rules on back

Weighmaster: ALI TUMMINO



4 7 0 8 5 5

## **Appendix L**

### **Vapor Barrier and Waterproofing Information**



**HCS Civil & Environmental Engineering, LLC**  
Professional Engineering Consultants  
Licensed MA, VT, CT, NY

January 27, 2023

GDI Construction, LLC  
15 Verbena Avenue, Suite 200  
Floral Park, NY 11001

Attn: Mr. Austin Johnson  
Project Manager

Subject: M4778 Broadway LLC  
NYSDEC BCP Number: C231131  
4778 Broadway, New York, New York  
Vapor Protection System

HCS File: 20-0799

Dear Mr. Austin:

We are writing to provide information regarding our review of the shop drawings submitted on December 7, 2022, as attached. This letter supersedes the November 14, 2022, submittal cover letter issued by W.R. Meadows. Note that the attached cover letter indicates a warranty of ten (10) years and specifies installation review by a WR Meadows representative prior to pouring the slab. Provided the WR Meadows installation review report is provided to me for review prior to pouring the slab, the attached submittals are acceptable as noted herein.

Our review represents acceptance in substantial conformance the approved RAWP based on information provided by your environmental consultant AEI Consultants, Inc. We are providing this review in accordance with NYSDEC requirements as the designated remediation engineer for the project.

Should there be any questions or concerns, please contact the undersigned or David Bausmith.

Sincerely,  
HCS CIVIL & ENVIRONMENTAL ENGINEERING, LLC



Philip G. Clark, P.E., LSP  
President

Cc: D. Bausmith, AEI Consultants, Inc.

# Submittal Package



800-342-5976  
[www.wrmeadows.com](http://www.wrmeadows.com)

Centrifugal Concrete  
7 West 36<sup>th</sup> Street  
7<sup>th</sup> Floor  
New York, NY 10018

December 7, 2022

C/o Eileen Reynolds

Project: 4778 Broadway Manhattan NYC

Dear Ms. Reynolds,

I have reviewed the application procedures for the above-mentioned project.

Note: Water Table is approximately 14'8"

You plan to install 12" clean stone over the soil with a SSDS system at 4"

Then install our EVOH Perminator on top of the crushed stone base.

PERMINATOR EVOH is a seven-layer co-extruded barrier manufactured from state-of-the-art polyethylene and EVOH resins. Designed to provide superior resistance to gas and moisture transmission, PERMINATOR EVOH is a highly resilient under slab gas/vapor barrier (20 Mil) designed to restrict naturally occurring gases, such as radon, methane, gasoline, solvents, oils, and hydrocarbons, from migrating through the ground and into the concrete slab.

Then installing our Pre Con System over the application of the EVOH Perminator.

PRECON is a composite sheet membrane comprised of a non-woven fabric, elastomeric membrane, and W. R. MEADOWS' exclusive, patented PLASMATIC CORE (U.S. Patent No. 7,179,761). The PLASMATIC CORE is a seven-layer matrix designed for toughness and provides the lowest water vapor transmission (WVT) rating on the market. Once concrete is poured against PRECON and the concrete cures, a mechanical bond forms that secures the concrete to the membrane.

Since the Pre Con System will not be coming in contact with the existing soil conditions, WRM of PA is willing to issue a 10 year material warranty for this project. As long as the material is installed correctly by the waterproofing contractor and the application is reviewed by a WR Meadows representative prior to pouring the mud slab. Visits can be arranged by calling Joseph Talecki WRM of PA at (267) 893-8049.



# W. R. MEADOWS OF PA

---

2150 Monroe St. • York, PA 17404  
www.wrmeadows.com • wrmpa@wrmeadows.com



TELEPHONE: 717-792-2627  
FAX: 717-792-0151

If you have any questions or concerns, do not hesitate to contact this writer at your earliest convenience.

Thank you for considering WR Meadows of PA for your project.

Sincerely,

A handwritten signature in black ink that reads "Joseph Talecki". The signature is written in a cursive style with a large initial "J".

Joseph Talecki  
Senior Technical Sales Representative  
WRM of PA

# W. R. MEADOWS OF PA

2150 Monroe St. • York, PA 17404  
www.wrmeadows.com • wrmpa@wrmeadows.com



TELEPHONE: 717-792-2627  
FAX: 717-792-0151

To whom it may concern:

Centrifugal Concrete is an acceptable applicator of the Mel Rol Products.

Included products are:

Mel Rol, Mel Prime WB, Detail Strip, Pre-Con, Perminator EVOH & HP, Hydralastic 836 & SL, Detail Fabric, BEM, Cem-Kote Flex CR, Cem-Kote Flex St, Reinforcing Fabric HD, Reinforcing Fabric NW, Mel-Rol LM(all season), Mel-Drain & Mel-Drain Total-Drain, Water-Stop EC.

Please let me know if you need anything else,

Thanks,

Joseph Talecki

NYC Metro Sales

# WARRANTY

# PRECON™

Sample

Blindside/Underslab Membrane

NAME OF BUILDING: \_\_\_\_\_

LOCATION OF BUILDING: \_\_\_\_\_

NAME OF OWNER: \_\_\_\_\_

WATERPROOFING CONTRACTOR: \_\_\_\_\_

DATE OF INSTALLATION COMPLETION: \_\_\_\_\_

W. R. MEADOWS, INC. hereby warrants that for a period of ( 10 ) year(s) from the date of completion of installation of PRECON at the subject building, PRECON will be of good quality and will conform with our published specifications in force at the time of installation.

If at any time during such ( 10 ) year period the PRECON does not perform as warranted above, W. R. MEADOWS, INC. will supply replacement PRECON to the owner in exchange for and to the extent that the PRECON is found by W. R. MEADOWS, INC. not to comply with this warranty.

This warranty does not apply to any PRECON sheet unless installed and maintained in conformance with the printed instruction of W. R. MEADOWS, INC. from time to time in effect. Further, this warranty does not cover damage caused by abuse or abnormal use of the PRECON, acts of God, inadequate or faulty design of the subject building, and disclaims all liability where any failure results from structural cracks or defects or repairs, installations, designs, materials or products made by other persons. In addition, this warranty does not cover any costs or expenses associated with the removal, excavation or replacement of concrete or other substrates in connection with the testing, repair, removal or replacement of PRECON.

**The foregoing warranty is exclusive and is in lieu of any and all other guarantees or warranties, express or implied, including without limitation the implied warranties of merchantability and fitness for a particular purpose. The remedies of the buyer for any breach of the warranty shall be limited to those herein provided to the exclusion of any and all other remedies, including without limitation incidental or consequential damages. W. R. MEADOWS, INC. shall not be liable in any case for any damage to the building or the contents thereof. Any lawsuit based on this warranty must be filed within one year (or within the shortest time period permitted to be established by agreement, if this period is longer than one year) from the date during the (10 ) year period described above on which the buyer discovers or should have discovered a breach of this warranty. No agreement varying or extending the foregoing warranty remedies will be binding upon W. R. MEADOWS, INC. unless it is in writing, and is signed by a duly authorized officer of W. R. MEADOWS, INC.**

W. R. MEADOWS, INC.

BY: Sample

W. R. MEADOWS, INC.

P. O. BOX 338 • HAMPSHIRE, IL 60140 • 847/683-4500

DATE: \_\_\_\_\_

# WARRANTY

## SAMPLE

# PERMINATOR® EVOH

## Underslab Gas Vapor Barrier

NAME OF BUILDING: \_\_\_\_\_

LOCATION OF BUILDING: \_\_\_\_\_

NAME OF OWNER: \_\_\_\_\_

WATERPROOFING CONTRACTOR: \_\_\_\_\_

DATE OF SUBSTANTIAL COMPLETION: \_\_\_\_\_

W. R. MEADOWS, INC. hereby warrants that for a period of ( 10 ) year(s) from the date of substantial completion of PERMINATOR EVOH Underslab Gas Vapor Barrier at the subject building, PERMINATOR EVOH Underslab Gas Vapor Barrier will be of good quality and will conform with our published specifications in force at the time of installation.

If at any time during such ( 10 ) year period the PERMINATOR EVOH Underslab Gas Vapor Barrier does not perform as warranted above, W. R. MEADOWS, INC. will supply replacement PERMINATOR EVOH Underslab Gas Vapor Barrier to the owner in exchange for and to the extent that the PERMINATOR EVOH Underslab Gas Vapor Barrier is found by W. R. MEADOWS, INC. not to comply with this warranty.

This warranty does not apply to any PERMINATOR EVOH Underslab Gas Vapor Barrier sheet unless installed and maintained in conformance with the printed instruction of W. R. MEADOWS, INC. from time to time in effect. Further, this warranty does not cover damage caused by abuse or abnormal use of the PERMINATOR EVOH Underslab Gas Vapor Barrier, acts of God, inadequate or faulty design of the subject building, and disclaims all liability where any failure results from structural cracks or defects or repairs, installations, designs, materials or products made by other persons. In addition, this warranty does not cover any costs or expenses associated with the removal, excavation or replacement of concrete or other substrates in connection with the testing, repair, removal or replacement of PERMINATOR EVOH Underslab Gas Vapor Barrier.

**The foregoing warranty is exclusive and is in lieu of any and all other guarantees or warranties, express or implied, including without limitation the implied warranties of merchantability and fitness for a particular purpose. The remedies of the buyer for any breach of the warranty shall be limited to those herein provided to the exclusion of any and all other remedies, including without limitation incidental or consequential damages. W. R. MEADOWS, INC. shall not be liable in any case for any damage to the building or the contents thereof. Any lawsuit based on this warranty must be filed within one year (or within the shortest time period permitted to be established by agreement, if this period is longer than one year) from the date during the ( 10 ) year period described above on which the buyer discovers or should have discovered a breach of this warranty. No agreement varying or extending the foregoing warranty remedies will be binding upon W. R. MEADOWS, INC. unless it is in writing, and is signed by a duly authorized officer of W. R. MEADOWS, INC.**

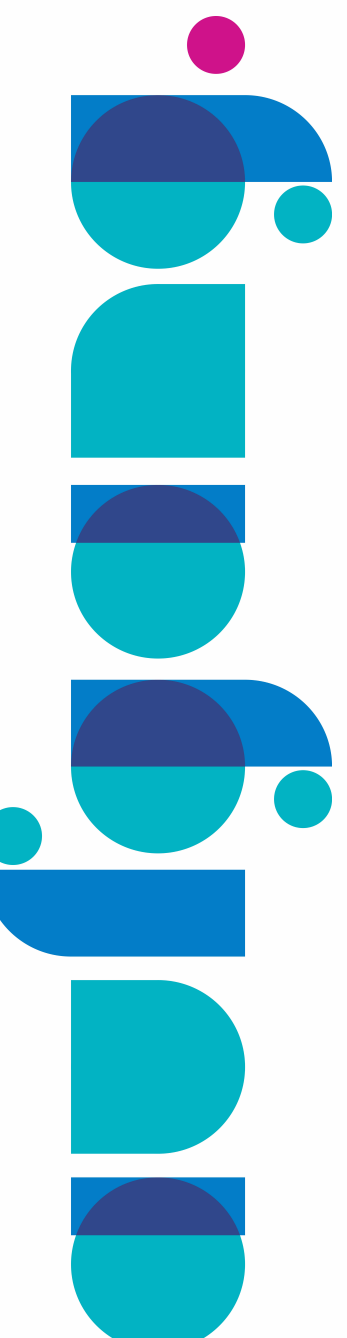
W. R. MEADOWS, INC.

BY: **SAMPLE** \_\_\_\_\_

DATE: \_\_\_\_\_

W. R. MEADOWS, INC.

P. O. BOX 338 • HAMPSHIRE, IL 60140 • 847/683-4500



Steps 1-6 on Waterproofing Procedure

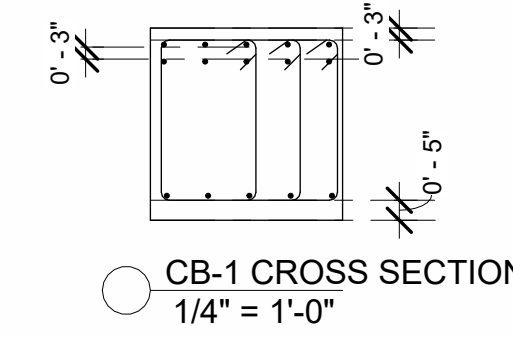
Waterproofing Procedure

1. Lay Geo-tech fabric on soil
2. Lay 4" of clean stone
3. Place SSDS system (pipe)
4. Lay 8" of crushed stone
5. Lay EVO-H Perminator
6. Lay Pre-Con
7. Pre-Con will come up 12" on the FDN wall

FOUNDATION NOTES:

1. 36" MAT REINFORCED WITH #10@12" TOP AND BOTTOM E.W., UNLESS OTHERWISE NOTED.
2. ADDITIONAL TOP BARS ARE SHOWN THUS ON PLAN.
3. ADDITIONAL BOTTOM BARS ARE SHOWN THUS ON PLAN.
4. TOP CLEAR COVER TO BE 0.75".
5. BOTTOM CLEAR COVER TO BE 3". UNLESS OTHERWISE NOTED ON PLAN AND DETAILS.
6. SEE ARCH. AND MECH. DRAWINGS FOR SIZE AND LOCATION OF WATER DETENTION TANK.
7. REINFORCEMENT SHOWN IN PLAN, CROSSING ELEVATOR PIT, MAT DROP, WALL FDN DOES NOT INCLUDE VERTICAL REBAR LENGTH.
8. FOR TOP OF NEW SLAB ELEVATION SEE PLAN.
9. BOTTOM OF NEW FOOTING SHOWN THUS [...] ON THE PLAN.
10. ALL SLAB OPENINGS ARE TO BE COORDINATED WITH ARCH. AND MECH. DWG'S. SEE ARCH. DWG'S FOR LOCATION AND DIMENSIONS.
11. FOR DIMENSIONS NOT SHOWN ON THIS PLAN SEE ARCH. DWG'S.
12. SLAB ON GRADE PITCH TO DRAINS AS SHOWN ON ARCH. DWG'S. FOR DRAIN LOCATIONS REFER TO ARCH. AND MECH. DWG'S.
13. ALL REINFORCEMENT AT EXPOSED CONCRETE SLABS SHALL BE EPOXY COATED.
14. FOR COLUMN COORDINATES, SEE ARCH DWGS.
15. SEE ARCH. AND MECH DWGS. FOR LOCATION AND SIZE OF PIPE PENETRATIONS AT MAT FOUNDATION.

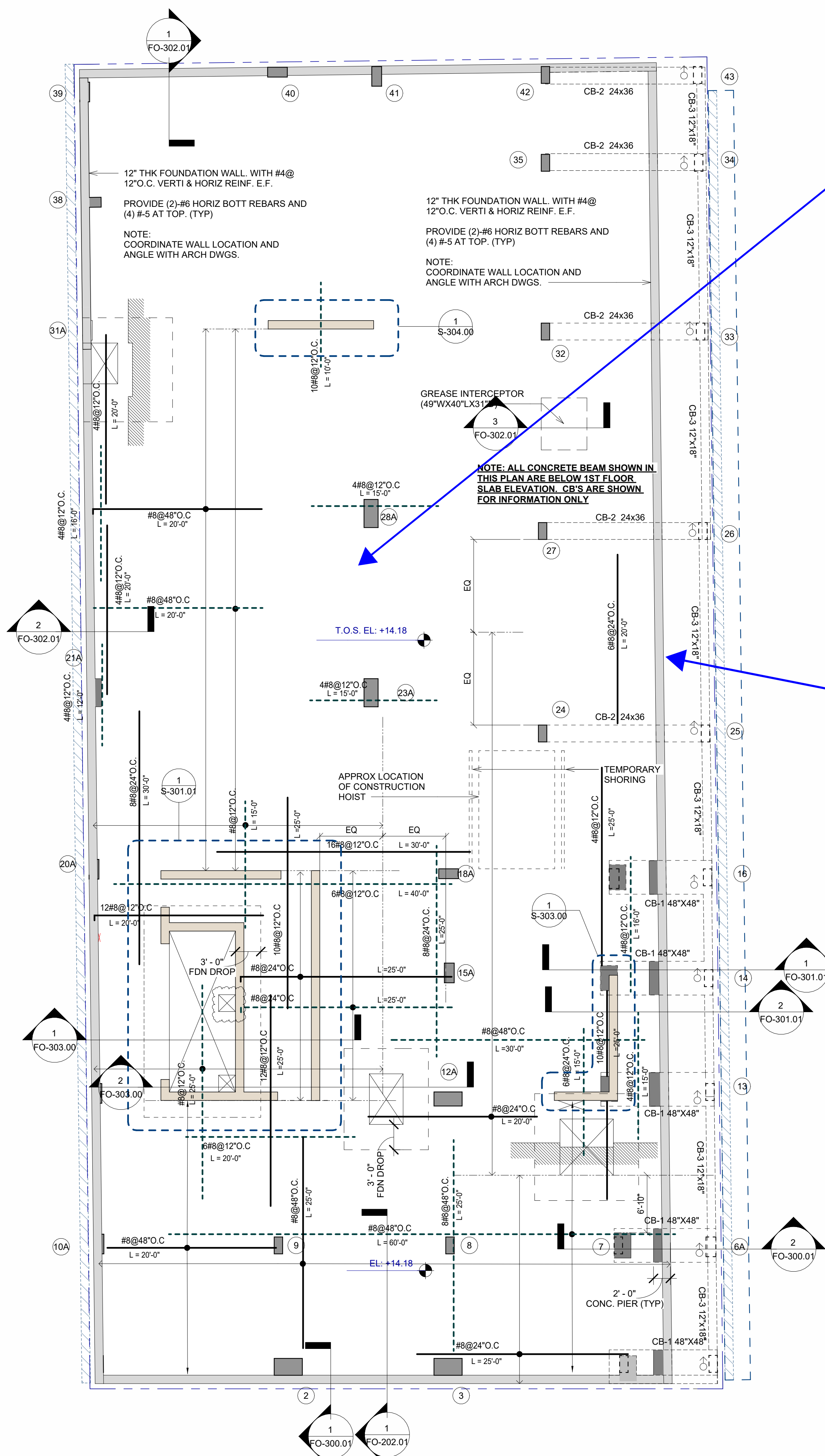
BEAM SCHEDULE						
MARK	SIZE		REINFORCEMENT		STIRRUPS	REMARKS
	WIDTH	DEPTH	TOP	BOT		
CB-1	48"	48"	10 - #10	6 - #10	3 - #5 @ 9" O.C.	TOP REIN. IN 2 LAYERS
CB-2	24"	36"	6 - #10	3 - #10	2 - #5 @ 9" O.C.	TOP REIN. IN 2 LAYERS
CB-3	12"	18"	2 - #6	2 - #6	#4 @ 12" O.C.	



LEGEND:

- INDICATES CONCRETE COLUMN
- INDICATES COLUMN ABOVE 1ST FLOOR LEVEL
- INDICATES CONCRETE PIER
- INDICATES 12" THK SHEAR WALL. SEE SHEAR WALL REINF DETAILS ON S-300 SERIES
- INDICATES PROPERTY LINE
- INDICATES STRESS LINE
- INDICATES BUILDING LINE ABOVE SLAB
- INDICATES CONCRETE BEAM AT 1ST FLOOR LEVEL

7. Pre-Con will come up 12" on the FDN wall



80% CONSTRUCTION DOCUMENTS

Rev #	Date	Description
	12-21-2022	Structural Fabrication
	11-18-2022	Foundation - For fabrication
	11-09-2022	Foundation - Pricing
	07-21-2022	Progress Set
1	02-04-2022	DOB PAA
	01-27-2021	DOB FILING

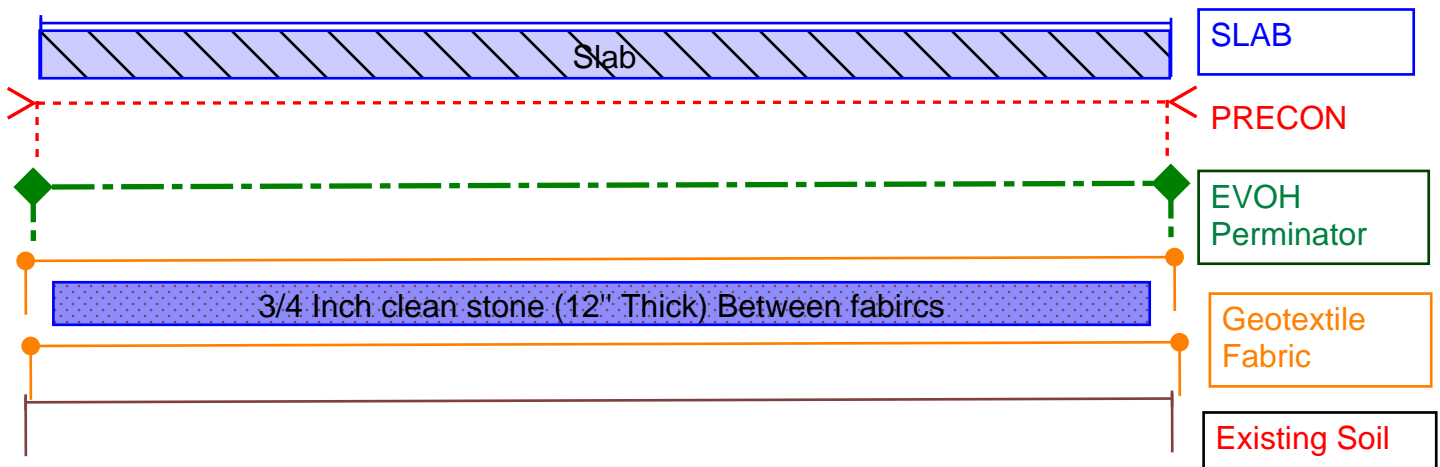
SHEET TITLE:  
FOUNDATION/CELLAR  
REINFORCEMENT  
PLAN

THIS DRAWING IS AN INSTRUMENT OF SERVICE AND SHALL REMAIN THE PROPERTY OF AUFANG ARCHITECTS, LLC. WHETHER THE PROJECT FOR WHICH IT IS MADE IS EXECUTED OR NOT. THIS DRAWING SHALL NOT BE USED BY THE OWNER OR OTHERS ON OTHER PROJECTS. FOR ADDITIONS TO THIS PROJECT OR FOR COMPLETION OF THIS PROJECT BY OTHERS EXCEPT BY AGREEMENT IN WRITING WITH AUFANG ARCHITECTS, LLC. SUBSEQUENT DISTRIBUTION TO MEET OFFICIAL REGULATORY REQUIREMENTS OR FOR OTHER PURPOSES IN CONNECTION WITH THE PROJECT IS NOT TO BE CONTROLLED AS PUBLIC INFORMATION. THE RIGHTS OF AUFANG ARCHITECTS, LLC. REPRODUCTION OR PUBLIC DISSEMINATION OF THIS DRAWING IN WHOLE OR IN PART IS PROHIBITED. TITLE TO THIS DRAWING BELONGS TO AUFANG ARCHITECTS, LLC. WITHOUT PREJUDICE.



ISSUE DATE:	PROJECT NO:
11/17/21	2020.1292
DRAWN BY:	CHECKED BY:
Author	Checker
SCALE:	SHEET NO:
As indicated	4 OF
DRAWING NO:	

FO-100.01



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PERMINATOR EVOH

Seam Heat Welding Technical Bulletin

PERMINATOR EVOH

Project Profile

MEL-ROL LM

Product Data Sheet

MEL-ROL LM

Safety Data Sheet

MEL-ROL LM

Project Profile

MEL-ROL LM

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MEL-ROL

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## LEED v4 Letter

MEL-ROL

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## Soil Nail Installation Instructions

PRECON

## Cold Weather Application Technical Bulletin

PRECON

## End Lap Taping Method Tech Bulletin

PRECON

## LEED v4 Letter



MasterFormat:

03 33 00

07 26 23

07 26 16

MAY 2018  
(Supersedes July 2017)**PERMINATOR® EVOH****Underslab Gas Vapor Barrier****DESCRIPTION**

PERMINATOR EVOH is a seven-layer co-extruded barrier manufactured from state-of-the-art polyethylene and EVOH resins. Designed to provide superior resistance to gas and moisture transmission, PERMINATOR EVOH is a highly resilient underslab gas/vapor barrier designed to restrict naturally occurring gases, such as radon, methane, gasoline, solvents, oils, and hydrocarbons, from migrating through the ground and into the concrete slab.

**USES**

When properly installed, PERMINATOR EVOH resists gas and moisture migration into the building envelope to provide protection from toxic/harmful chemicals. It can be installed as part of a passive or active control system extending across the entire building, including floors, walls, and crawl spaces. PERMINATOR EVOH protects flooring and other moisture-sensitive furnishings in the building's interior from moisture and water vapor migration, greatly reducing condensation, mold, and degradation.

**FEATURES/BENEFITS**

- Resistant to gasoline, oils, solvents, hydrocarbons, radon, and methane.
- Available in 150' (45.7 m) long rolls.
- Helps reduce the penetration of moisture and water vapor through the slab into the structure.
- Helps reduce fungus, mildew, and mold.
- Tough enough to withstand normal construction jobsite conditions and traffic ... will not crack, puncture, snag, split, or tear easily.
- Seven-layer construction with EVOH gas barrier core.

**PACKAGING**

10' (3 m) x 150' (45.7 m) Rolls

**SPECIFICATIONS**

- Meets or exceeds all requirements of ASTM E 1745-11 Class A, B & C.

**APPLICATION**

**Surface Preparation** ... Level, tamp, or roll earth or granular material beneath the slab base as specified by supplied architectural drawings. Follow ASTM E-1643-10 (standard practice and procedure for installation of vapor retarder used in contact with earth or fill under concrete slabs). Reference American Concrete Institute (ACI) 302.1R-15 Section 6.1.4 – Base Material for sub-grade preparation prior to placement of PERMINATOR.

**Horizontal Application** ... Unroll 150' (45.7 m)

PERMINATOR EVOH over the area where the slab is to be poured. Cut to size if necessary. PERMINATOR should completely cover the pour area. All joints/seams, both side and end, should be overlapped 12" (304.8 mm) and taped using 4" (101.6 mm) wide PERMINATOR EVOH TAPE. (Note: The PERMINATOR EVOH TAPE area of adhesion should be free from dust, dirt, and moisture to allow maximum adhesion of the pressure-sensitive tape.) To ensure placement of laps, PERMINATOR BUTYL TAPE should be used underneath the overlap area to hold membrane in place as PERMINATOR EVOH TAPE is applied.

The most efficient installation method includes placing PERMINATOR EVOH on top of the footing and against the vertical wall. This will sandwich PERMINATOR EVOH between the footing, vertical wall, and poured concrete floor. This will help protect the concrete slab from external moisture sources once the slab has been placed.

Before placing concrete slab, make sure all penetrations, block outs, and damaged areas are repaired/addressed. For detailed information on detailing penetrations, such as pipe clusters, please refer to INSTALLATION GUIDELINES: PERMINATOR EVOH PENETRATIONS available at [www.wrmeadows.com](http://www.wrmeadows.com).

Numerous municipal building codes do not allow the placement of vapor barriers over the footing, due to breaking of the bond between the wall and footing. Although this is not an optimal application method, W. R. MEADOWS approves this alternate method when required by building code.

**CONTINUED ON THE REVERSE SIDE...****W. R. MEADOWS, INC.**

P.O. Box 338 • HAMPSHIRE, IL 60140-0338  
Phone: 847/214-2100 • Fax: 847/683-4544  
1-800-342-5976  
[www.wrmeadows.com](http://www.wrmeadows.com) • [info@wrmeadows.com](mailto:info@wrmeadows.com)

HAMPSHIRE, IL / CARTERSVILLE, GA / YORK, PA  
FORT WORTH, TX / BENICIA, CA / POMONA, CA  
GOODYEAR, AZ / MILTON, ON / SHERWOOD PARK, AB

## TECHNICAL DATA

Properties	Test Method	Result
Appearance		White/Green
Thickness, Nominal		20 Mil (0.51 mm)
Weight		102 lb./MSF (498 g/m <sup>2</sup> )
Classification	ASTM E 1745	Class A, B, and C
Tensile Strength	ASTM E 154, Section 9, (D-882)	58 lbf (10.2 Kn/m)
Impact Resistance	ASTM D 1709	2600 g
Permeance (New Material)	ASTM E 154, Section 7 ASTM E 96, Procedure B	0.0098 Perms grains/(ft <sup>2</sup> ·hr·in·Hg) [0.0064 Perms g/(24hr·m <sup>2</sup> ·mm Hg)]
Permeance (After Conditioning) (Same Measurement as Above Performance)	ASTM E 154 Section 8, E96 Section 11, E96 Section 12, E96 Section 13, E96	0.0079 (0.0052) 0.0079 (0.0052) 0.0097 (0.0064) 0.0113 (0.0074)
WVTR	ASTM E 96 Procedure B	0.0040 grains/hr·ft <sup>2</sup> (0.0028 gm/hr·m <sup>2</sup> )
Benzene Permeance	Aqueous Phase Film Permeance	1.57E-10 m/s
Toluene Permeance	Aqueous Phase Film Permeance	2.18E-10 m/s
Ethylbenzene Permeance	Aqueous Phase Film Permeance	1.71E-10 m/s
M & P Xylenes Permeance	Aqueous Phase Film Permeance	1.62E-10 m/s
O Xylene Permeance	Aqueous Phase Film Permeance	1.53E-10 m/s
Perchloroethylene (PCE)	Aqueous Phase Film Permeance	1.5 x 10 <sup>-9</sup> m/s
Trichloroethylene (TCE)	Aqueous Phase Film Permeance	2.4 x 10 <sup>-9</sup> m/s
Radon Diffusion Coefficient	K124/02/95	< 1.1 x 10 <sup>-13</sup> m <sup>2</sup> /s
Methane Permeance	ASTM D 1434	3.68E-12 m/s Gas Transmission Rate (GTR): 0.32 mL/m <sup>2</sup> ·day·atm
Maximum Static Use Temperature		180° F (82° C)
Minimum Static Use Temperature		-70° F (-57° C)

## LEED INFORMATION

May help contribute to LEED credits:

- EAp2: Minimum Energy Performance
- EA2: Optimize Energy Performance
- MRc9: Construction and Demolition Waste Management

For CAD details, most current data sheet, further LEED information, and SDS, visit [www.wrmeadows.com](http://www.wrmeadows.com).



### LIMITED WARRANTY

W. R. MEADOWS, INC. warrants at the time and place we make shipment, our material will be of good quality and will conform with our published specifications in force on the date of acceptance of the order. Read complete warranty. Copy furnished upon request.

### Disclaimer

The information contained herein is included for illustrative purposes only, and to the best of our knowledge, is accurate and reliable. W. R. MEADOWS, INC. cannot however under any circumstances make any guarantee of results or assume any obligation or liability in connection with the use of this information. As W. R. MEADOWS, INC. has no control over the use to which others may put its product, it is recommended that the products be tested to determine if suitable for specific application and/or our information is valid in a particular circumstance. Responsibility remains with the architect or engineer, contractor and owner for the design, application and proper installation of each product. Specifier and user shall determine the suitability of products for specific application and assume all responsibilities in connection therewith.



# SAFETY DATA SHEET

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Product:** PERMINATOR® EVOH **Part Number:** 5244100  
**Manufacturer:** W. R. MEADOWS, INC. **Address:** 300 Industrial Drive  
 Hampshire, Illinois 60140  
**Telephone:** (847) 214-2100 **In case of emergency, dial (800) 424-9300 (CHEMTREC)**  
**Revision Date:** 10/10/2019  
**Product Use:** Underslab Gas Vapor Barrier

## SECTION 2: HAZARDS IDENTIFICATION/EXPOSURE LIMITS

**HMIS**  
**| Health |** |0| Product is classified as non-hazardous per OSHA 1910.1200. Perminator is defined  
**| Flammability |** |0| by OSHA as an "article." A manufactured item that is formed to a specific shape  
**| Reactivity |** |0| or design during manufacture that does not release or result in exposure to a  
**| Personal Protection |** | | hazardous chemical under normal use conditions.

## SECTION 3: HAZARDS COMPONENTS

<u>Chemical Name:</u>	<u>CAS Number</u>	<u>% by Weight</u>	<u>SARA 313</u>	<u>Vapor Pressure (mm Hg@20°C)</u>	<u>LEL (@24°C)</u>
None					

*N/A: Not Applicable*

Under the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1966 (SARA) and 40 CFR Part 372, chemicals listed on the 313 List (40 CFR Part 373.65) are identified under the heading "SARA" 313."

## SECTION 4: EMERGENCY AND FIRST AID PROCEDURES

**EYE CONTACT:** Not expected to be an exposure route.  
**SKIN CONTACT:** Not Expected to be an exposure route.  
**INHALATION:** Not expected to be an exposure route.  
**INGESTION:** Not expected to be an exposure source.  
**MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND CHRONIC:** See Section Eleven for Symptoms/Effects.

## SECTION 5: FIRE AND EXPLOSIVES HAZARDS

**FLASHPOINT:** Not applicable; product is a solid.  
**EXTINGUISHING MEDIA:** Water fog, foam, dry chemical.  
**CHEMICAL/COMBUSTION HAZARDS:** Carbon monoxide, carbon dioxide, and incomplete combustion products.  
**PRECAUTIONS/PERSONAL PROTECTIVE EQUIPMENT:** Avoid smoke inhalation. Use appropriate respiratory protection.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**SPILL OR LEAK PROCEDURES:** Not applicable. Product is a solid.

## SECTION 7: HANDLING AND STORAGE

**SAFE HANDLING PROCEDURES:** None.  
**SAFE STORAGE:** Prevent job-site damage.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Chemical Name:</u>	<u>OSHA</u>				<u>ACGIH</u>			
	<u>PEL</u>	<u>PEL/CEILING</u>	<u>PEL/STEL</u>	<u>SKIN</u>	<u>TLV</u>	<u>TLV/CEILING</u>	<u>TLV/STEL</u>	<u>SKIN</u>
1. Blown Polyethylene	N/E	N/E	N/E	No	N/E	N/E	N/E	N/E

*N/E = Not Established*

**ENGINEERING CONTROLS:** None required under normal use conditions.  
**PERSONAL PROTECTIVE EQUIPMENT:** None required under normal use conditions.

# SAFETY DATA SHEET

Date of Preparation: 10/10/19

Page 2 of 2

5244100

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: N/A	VAPOR DENSITY: N/A	% VOLATILE BY VOLUME: N/A
EVAPORATION RATE: N/A	pH LEVEL: N/A	% VOLATILE BY WEIGHT: N/A
WEIGHT PER GALLON: N/A	PRODUCT APPEARANCE: White/Gold Film	VOC CONTENT: N/A
ODOR: None	ODOR THRESHOLD: N/D	MELTING/FREEZING POINT: N/D
FLASH POINT: See Section 5	FLAMMABILITY: See Section 5	UEL/LEL: N/D
VAPOR PRESSURE: N/D	RELATIVE DENSITY: N/D	SOLUBILITY: N/D
PARTITION COEFFICIENT: N/D	AUTOIGNITION TEMPERATURE: N/D	DECOMPOSITION TEMPERATURE: N/D
VISCOSITY: N/D	N/A : Not Applicable      N/D: Not Determined	

## SECTION 10: STABILITY/REACTIVITY

STABILITY: Stable.      HAZARDOUS POLYMERIZATION: Will not occur.  
CONDITIONS AND MATERIALS TO AVOID: None recognized.  
HAZARDOUS DECOMPOSITION PRODUCTS: None recognized.

## SECTION 11: TOXICOLOGICAL INFORMATION

EYE CONTACT: Not anticipated to be an exposure route.  
SKIN CONTACT: Direct contact may cause slight skin irritation.  
INHALATION: Not anticipated to be an exposure route.  
INGESTION: Not anticipated to be an exposure route.  
SIGNS AND SYMPTOMS: None recognized.  
AGGRAVATED MEDICAL CONDITIONS: None recognized.  
OTHER HEALTH EFFECTS: None recognized

## SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY: N/E	DEGRADABILITY: N/E	BIOACCUMULATIVE POTENTIAL: N/E
SOIL MOBILITY: N/E	OTHER ADVERSE EFFECTS: None Recognized	

## SECTION 13: WASTE DISPOSAL INFORMATION

WASTE DISPOSAL INFORMATION: Product is classified as a non-hazardous waste.

## SECTION 14: TRANSPORTATION INFORMATION

HAZARDOUS/NON-HAZARDOUS MATERIAL: Not regulated by DOT.  
UN NUMBER: None      HAZARD CLASS: N/A      PACKING GROUP: N/A  
UN PROPER SHIPPING NAME: N/A  
ENVIRONMENTAL HAZARDS: None recognized.  
BULK TRANSPORTATION INFORMATION: None.  
SPECIAL PRECAUTIONS: None.

## SECTION 15: REGULATORY INFORMATION

OTHER REGULATORY CONSIDERATIONS: None recognized.

## SECTION 16: OTHER INFORMATION

PREPARATION DATE: 10/10/2019  
PREPARED BY: Dave Carey

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*The information contained herein is based on the data available to us and is believed to be correct. However, we make no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injury from the use of this product described herein.*

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# GUIDE SPECIFICATION FOR PERMINATOR® EVOH UNDERSLAB GAS AND VAPOR BARRIER

SECTION 07 26 16

Below Grade Vapor Retarders

Revision Date: July 3, 2019

Specifier Notes: This guide specification is written according to the Construction Specifications Institute (CSI) MasterFormat. The section must be carefully reviewed and edited by the architect or engineer to meet the requirements of the project. Coordinate this section with other specification sections and the drawings.

Specifier Notes: PERMINATOR EVOH is a seven-layer co-extruded barrier manufactured from state-of-the-art polyethylene and EVOH resins. Designed to provide superior resistance to gas and moisture transmission, as well as water vapor, PERMINATOR EVOH is a highly resilient underslab gas/vapor barrier designed to restrict naturally occurring gases, such as radon, methane, gasoline, solvents, oils, and hydrocarbons, from migrating through the ground and into the concrete slab.

When properly installed, PERMINATOR EVOH resists gas and moisture migration into the building envelope to provide protection from toxic/harmful chemicals. It can be installed as part of a passive or active control system extending across the entire building, including floors, walls, and crawl spaces. PERMINATOR EVOH protects flooring and other moisture-sensitive furnishings in the building's interior from moisture and water vapor migration, greatly reducing condensation, mold, and degradation.

## PART 1 GENERAL

### 1.01 SECTION INCLUDES

- A. Surface preparation.
- B. Application of an underslab soil gas barrier.

### 1.02 RELATED SECTIONS

Specifier Notes: Edit the list of related sections as required for the project. List other sections dealing with work directly related to this section.

- A. Section 03 30 00 - Concrete.
- B. Section 07 10 00 – Dampproofing and Waterproofing.
- C. Section 09 64 00 - Wood Flooring.
- D. Section 09 65 00 - Resilient Flooring.

### 1.03 REFERENCES

- A. ASTM D1434: Standard Test Method for Determining Gas Permeability Characteristics of Plastic Film and Sheeting.
- B. ASTM D1709: Standard Test Methods for Impact Resistance of Plastic Film by the Free-Falling Dart Method.
- C. ASTM E96: Standard Test Methods for Water Vapor Transmission of Materials.

- D. ASTM E154: Standard Test Methods for Water Vapor Retarders Used in Contact with Earth Under Concrete Slabs.
- E. ASTM E1643: Standard Practice for Installation of Water Vapor Retarders Used in Contact with Earth or Granular Fill Under Concrete Slabs.
- F. ASTM E1745: Standard Specification for Plastic Water Vapor Retarders Used in Contact with Soil or Granular Fill Under Concrete Slabs.
- G. ASTM F1249: Standard Test Method for Water Vapor Transmission Rate Through Plastic Film and Sheeting Using a Modulated Infrared Sensor.
- H. K124/02/95: Determination of Radon Transmittance.

#### 1.04 SUBMITTALS

- A. Comply with Section 01 33 00 - Submittal Procedures.
- B. Submit manufacturer's product data and application instructions.

#### 1.05 QUALITY ASSURANCE

- A. Use an experienced installer and adequate number of skilled personnel who are thoroughly trained and experienced in the application of the soil gas barrier.
- B. Obtain gas barrier materials from a single manufacturer regularly engaged in manufacturing the product.
- C. Provide products which comply with all state and local regulations controlling use of volatile organic compounds (VOCs).

#### 1.06 PRECONSTRUCTION MEETING

- A. Pre-Construction Meeting: Convene one week prior to installation of underslab soil gas barrier. Attendees to be as follows: - Architect, Engineer, General Contractor, Gas Barrier Installer, and Gas Barrier Manufacturer to discuss the installation in detail.

#### 1.07 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Store materials in a clean, dry area in accordance with manufacturer's instructions.
- C. Protect materials during handling and application to prevent damage or contamination.
- D. Ensure membrane is stamped with manufacturer's name, product name, and membrane thickness at intervals of no more than 85" (220 cm).

#### 1.08 ENVIRONMENTAL REQUIREMENTS

- A. Product not intended for uses subject to abuse or permanent exposure to the elements.
- B. Do not apply on frozen ground.

### PART 2 PRODUCTS

#### 2.01 MANUFACTURER



- A. W. R. MEADOWS®, INC., PO Box 338, Hampshire, Illinois 60140-0338. (800) 342-5976. (847) 683-4500. Fax (847) 683-4544. Web Site www.wrmeadows.com.

## 2.02 MATERIALS

- A. Soil Gas Barrier
1. Performance-Based Specification: Gas barrier membrane shall be a seven layer co-extruded barrier manufactured from polyethylene and ethylene vinyl alcohol (EVOH) resins, meeting the shall meet the following minimum performance requirements:
    - a. Maximum Water Vapor Permeance (ASTM E154 Sections 7, 8, 11, 12, 13, by ASTM E96, Method B or ASTM F1249)
      - i. As received: 0.0098 perms.
      - ii. After Wetting and Drying: 0.0079 perms.
      - iii. Resistance to Plastic Flow and Temperature: 0.0079 perms.
      - iv. Effect Low Temperature and Flexibility: 0.0097 perms.
      - v. Resistance to Deterioration from Organisms and Substances in Contacting Soil: 0.0113 perms.
    - b. Puncture Resistance, ASTM D1709: 2,600 grams.
    - c. Tensile Strength, ASTM E154, Section 9: 58 Lb. Force/Inch.
    - d. Radon Diffusion Coefficient, k124/02/95:  $<1.1 \times 10^{-13}$  m<sup>2</sup>/s.
    - e. Methane Permeance, ASTM D1434:  $3.68 \times 10^{-12}$  GTR.
    - f. Aqueous Phase Film Permeance
      - i. Benzene Permeance:  $1.57 \times 10^{-10}$  m/s.
      - ii. Toluene Permeance:  $2.18 \times 10^{-10}$  m/s.
      - iii. Ethylbenzene Permeance:  $1.71 \times 10^{-10}$  m/s.
      - iv. M & P Xylenes Permeance:  $1.62 \times 10^{-10}$  m/s.
      - v. O Xylene Permeance:  $1.53 \times 10^{-10}$  m/s.
  2. Proprietary-Based Specification:
    - a. PERMINATOR EVOH by W. R. MEADOWS.

## 2.03 ACCESSORIES

Specifier Notes: When PERMINATOR EVOH is to be used strictly as a water vapor barrier, only the PERMINATOR EVOH Tape is required to be used. In situations where the PERMINATOR EVOH is to be used as a soil gas barrier, PERMINATOR EVOH BUTYL TAPE is installed within a 12" (304.8 mm) overlap and then the seam is then taped with PERMINATOR EVOH Tape. Select accessories based on project requirements.

- A. Seam Tape
1. High Density Polyethylene Tape with pressure sensitive adhesive. Minimum width 4" (100 mm).
    - a. PERMINATOR EVOH TAPE by W. R. MEADOWS.
- B. Double Sided Seam Tape
1. Double sided butyl tape for overlap sealing in gas barrier installations. Minimum width 2" (50 mm).
    - a. PERMINATOR EVOH BUTYL TAPE by W. R. MEADOWS.
- C. Pipe Collars
1. Construct pipe collars from gas barrier material and pressure sensitive tape per manufacturer's instructions.

## PART 3 EXECUTION

### 3.01 SURFACE PREPARATION

Specifier Notes: A base for a gas-reduction system may require a 4" - 6" (101.6 – 152.4 mm) gas permeable layer of clean coarse aggregate as specified by architectural or structural consultant after installation of the recommended gas collection system. In this situation, a cushion layer consisting of a non-woven geotextile

fabric placed directly under PERMINATOR EVOH will help protect the barrier from damage due to possible sharp coarse aggregate. Surface preparation needs to be reviewed based on the specific project requirements.

- A. Prepare surfaces in accordance with project requirements.

Specifier Notes: It may also be advisable to reference American Concrete Institute (ACI) 302.1R-15: Chapter 6, Section 6.1.4 – Base Material, for sub-grade preparation prior to placement of PERMINATOR EVOH. As this is a guide, reference to this document shall not be made in contract documents and any items in this document that the Architect/Engineer wants to be part of the contract documents, the items need to be reinstated in mandatory language for incorporation by the Architect/Engineer.

- B. Level, tamp, or roll earth or granular material beneath the slab base.

### 3.02 EXAMINATION

- A. Examine surfaces to receive membrane. Notify architect if surfaces are not acceptable. Do not begin surface preparation or application until unacceptable conditions have been corrected.

### 3.03 INSTALLATION

Specifier Notes: If PERMINATOR EVOH is being used as strictly a vapor barrier, then delete Section B below. If the requirement is for PERMINATOR EVOH to be used as a soil gas barrier for contaminated site installation, then delete Section A. It is also advisable to review the PERMINATOR EVOH Installation Guidelines for additional installation information that may be specific for the project requirements.

#### A. Vapor Barrier

1. Install the vapor barrier membrane in accordance with manufacturer's instructions and ASTM E1643.
2. Unroll vapor retarder with the longest dimension parallel with the direction of the pour.
3. Lap vapor barrier over footings and seal to foundation walls with 4" (100 mm) seam tape.
4. Overlap joints 6" (152 mm) and seal with 4" (100 mm) seam tape and roll press into place.
5. Seal all penetrations (including pipes) with manufacturer's written installation procedures.
6. No penetration of the vapor retarder is allowed except for reinforcing steel and permanent utilities.
7. Repair damaged areas by cutting patches of vapor barrier, overlapping damaged area 6" (150 mm) and taping all four sides with tape.

#### B. Soil Gas Barrier

1. Install the gas barrier membrane in accordance with manufacturer's instructions and ASTM E1643.
2. Unroll gas barrier membrane with the longest dimension parallel with the direction of the pour.

3. Lap gas barrier over the footing and seal to foundation walls with 2" (50 mm) double sided butyl tape and roll press into place with rubber roller.
4. Apply gas barrier seam tape to the terminated edge of the gas barrier membrane and onto the concrete foundation.
5. Roll press into place.
  
4. Joint Overlap
  - a. Apply double sided butyl tape 6" (150 mm) from the termination of the gas barrier membrane and press into place.
  - b. Overlap the next layer of gas barrier membrane 12" (300 mm) and roll press into place.
  - c. Apply gas barrier seam tape centered over the joint and roll press into place.
  
5. Repair of Damaged Areas
  - a. Cut out damaged area of gas barrier membrane allowing for an overlap of 12" (300 mm) in all directions.
  - b. Apply double sided butyl tape 6" (150 mm) from the cut edges of the gas barrier membrane in all directions and press into place.
  - c. Place the new piece of gas barrier membrane overlapping the existing areas a minimum of 12" (300 mm) and roll press into place.
  - d. Apply 4" (100 mm) gas barrier seam tape centered over the joint in all directions and roll press into place.

END OF SECTION

# INSTALLATION GUIDELINES PERMINATOR® EVOH

PERMINATOR EVOH is a seven-layer co-extruded barrier manufactured from state-of-the-art polyethylene and EVOH resins. Designed to provide superior resistance to gas and moisture transmission, PERMINATOR EVOH is a highly resilient underslab gas/vapor barrier designed to restrict naturally occurring gases, such as radon, methane, gasoline, solvents, oils, and hydrocarbons, from migrating through the ground and into the concrete slab. PERMINATOR EVOH is furnished in rolls which are 10' (3 m) wide and 150' (45.7 m) long.

This document has been created as an addendum to the PERMINATOR EVOH technical data sheet to provide the recommended procedure to use when installing PERMINATOR EVOH in applications featuring penetrations.

## PLACEMENT

Level and tamp or roll granular base as specified. A base for a gas-reduction system may require a 4" - 6" (101.6 - 152.4 mm) gas permeable layer of clean coarse aggregate as specified by architectural or structural drawings after installation of the recommended gas collection system. In this situation, a cushion layer consisting of a non-woven geotextile fabric placed directly under PERMINATOR EVOH will help protect the barrier from damage due to possible sharp coarse aggregate.

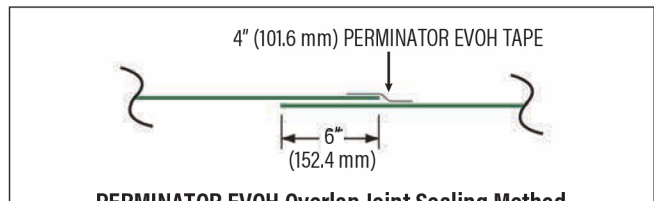
Unroll PERMINATOR EVOH running the longest dimension parallel with the direction of the pour and pull open all folds to full width.

Extend PERMINATOR EVOH across the top of the footing and turn up against the vertical wall. This will sandwich PERMINATOR EVOH between the footing, wall, and poured concrete floor. Terminate

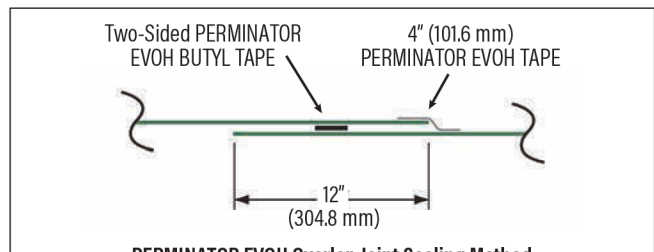
PERMINATOR EVOH at full slab thickness and seal to wall with PERMINATOR EVOH BUTYL TAPE. Prime concrete surfaces, when necessary, and assure they are dry and clean prior to applying two-sided PERMINATOR EVOH BUTYL TAPE. Apply even and firm pressure with a rubber roller. Overlap joints a minimum of 6" (101.6 mm) and seal overlap with 4" (101.6 mm) PERMINATOR EVOH TAPE. When used as a gas barrier, overlap joints a minimum of 12" (304.8 mm) and seal in between overlap with two-sided PERMINATOR EVOH BUTYL TAPE. Then seal with 4" (101.6 mm) PERMINATOR EVOH TAPE centered on the overlap seam.



PERMINATOR EVOH Overlapping Roll-out Method



PERMINATOR EVOH Overlap Joint Sealing Method  
Vapor Retarder Applications



PERMINATOR EVOH Overlap Joint Sealing Method  
Gas Barrier Applications



# INSTALLATION GUIDELINES PERMINATOR® EVOH

## SINGLE PENETRATION PIPE BOOT INSTALLATION

Seal around all plumbing, conduit, support columns, or other penetrations that protrude through the PERMINATOR EVOH membrane. Fabricate pipe boots from PERMINATOR EVOH excess material. Cut a square large enough to overlap 12" (304.8 mm) in all directions. Mark where to cut opening on the center of the square and cut four to eight slices about 3/8" (9.5 mm) less than the diameter of the pipe. Force the square over the pipe leaving the tightly stretched cut area around the bottom of the pipe with approximately a 1/2" (12.7 mm) of the boot material running vertically up the pipe. No more than a 1/2" (12.7 mm) of stretched boot material is recommended. Once boot is positioned, seal the perimeter to the membrane by applying two-sided PERMINATOR EVOH BUTYL TAPE in between the two layers. Secure boot down firmly over the membrane taking care not to have any large folds or creases. Use PERMINATOR EVOH TAPE to secure the boot to the pipe. Tape completely around pipe, overlapping the PERMINATOR EVOH square, to create a tight seal against the pipe. Complete the process by taping over the boot perimeter edge with PERMINATOR EVOH TAPE to create a monolithic membrane between the surface of the slab and gas/moisture sources below and at the slab perimeter.

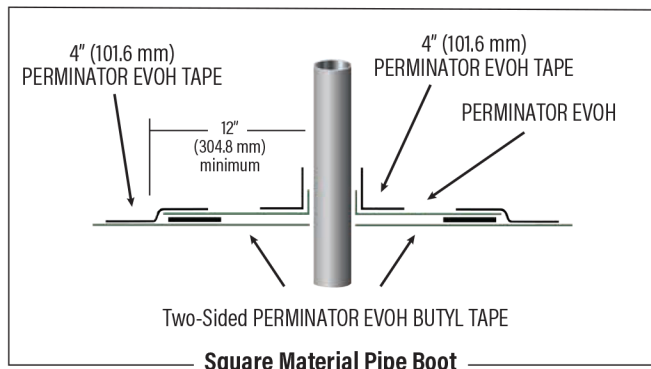
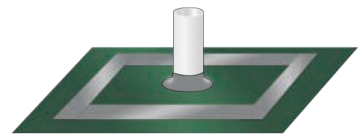
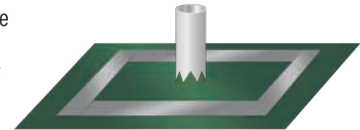
1. Cut a square of PERMINATOR EVOH barrier to extend at least 12" (304.8 mm) from the pipe in all directions.

2. Cut four to eight slices about 3/8" (9.5 mm) less than the diameter of the pipe.

3. Force over pipe and tape the underside boot perimeter to existing barrier with two-sided PERMINATOR EVOH BUTYL TAPE.

4. Tape over the boot perimeter edge with PERMINATOR EVOH TAPE.

5. Use PERMINATOR EVOH TAPE and overlap 1" (25.4 mm) at the seam.



## MULTIPLE PENETRATION PIPE BOOT INSTALLATION - OPTION 1

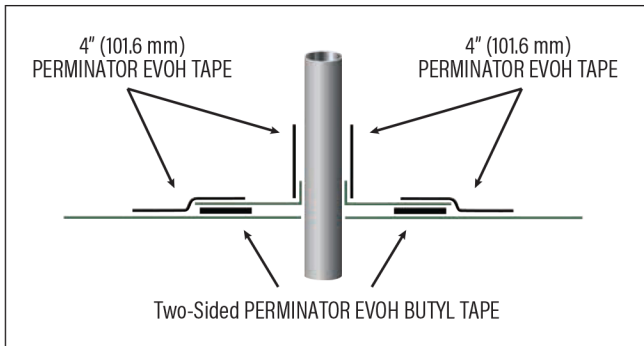
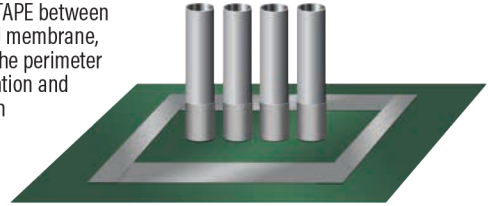
Cut a patch large enough to overlap 12" (304.8 mm) in all directions of penetrations. Mark where to cut openings and cut four to eight slices about 3/8" (9.5 mm) less than the diameter of the penetration for each. Force patch material over penetration to achieve a tight fit and form a lip. Once patch is positioned, seal the perimeter to the membrane by



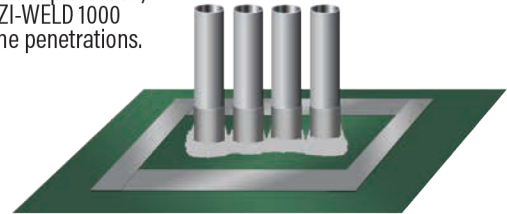
# INSTALLATION GUIDELINES PERMINATOR® EVOH

applying two-sided PERMINATOR EVOH BUTYL TAPE in between the two layers. After applying two-sided PERMINATOR EVOH BUTYL TAPE between the patch and membrane, tape around the perimeter of the penetrations and the patch with 4" (101.6 mm) PERMINATOR EVOH TAPE. For additional protection apply, REZI-WELD™ 1000 from W. R. MEADOWS around the penetrations.

After applying PERMINATOR EVOH BUTYL TAPE between the patch and membrane, tape around the perimeter of the penetration and the patch with 4" (101.6 mm) PERMINATOR EVOH TAPE.

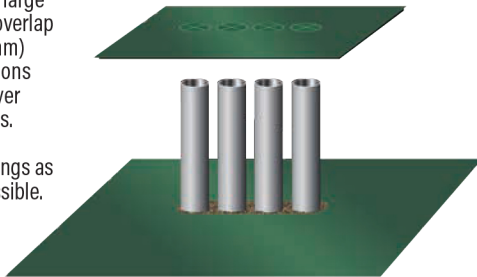


For additional protection, apply REZI-WELD 1000 around the penetrations.

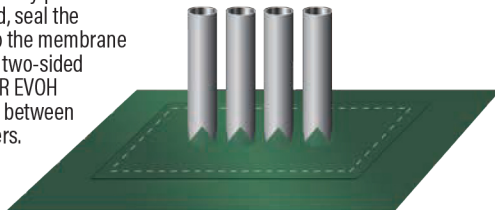


Cut a patch large enough to overlap 12" (305.8 mm) in all directions and slide over penetrations.

Make openings as tight as possible.



Once the overlay patch is positioned, seal the perimeter to the membrane by applying two-sided PERMINATOR EVOH BUTYL TAPE between the two layers.



## MULTIPLE PENETRATION PIPE BOOT INSTALLATION - OPTION 2

Install PERMINATOR EVOH as closely as possible to pipe penetrations to minimize the amount of REZI-WELD 1000 necessary to seal around all penetrations. Once PERMINATOR EVOH is in place, remove soil or other particles with a dry cloth or a fine broom to allow for improved adhesion to the REZI-WELD 1000 material. Create a dam around the penetration area approximately 2" (50.8 mm) away from the pipe or other vertical penetrations by removing the release liner from the back of a 1" (25.4 mm) weather stripping foam and adhere to PERMINATOR EVOH. Form a complete circle to contain the REZI-WELD 1000 material. Once mixed, pour REZI-WELD 1000 around the pipe penetrations. If needed, a brush or a flat wooden stick can be used to direct REZI-WELD 1000 completely around penetrations creating a complete seal.

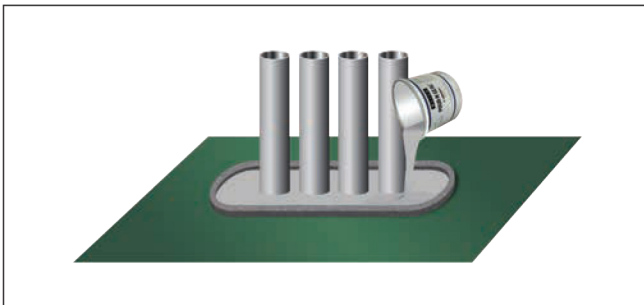
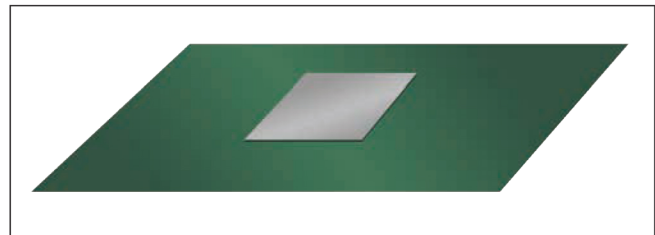
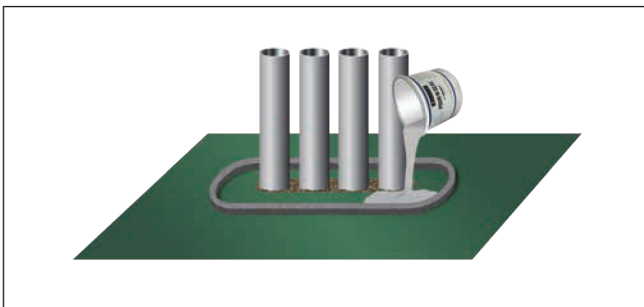
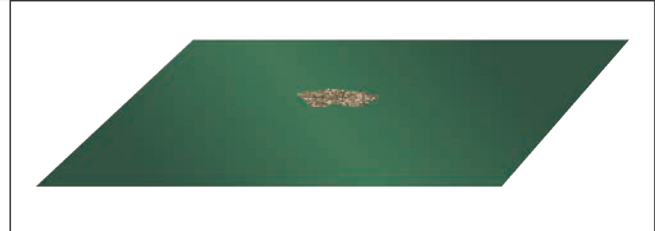
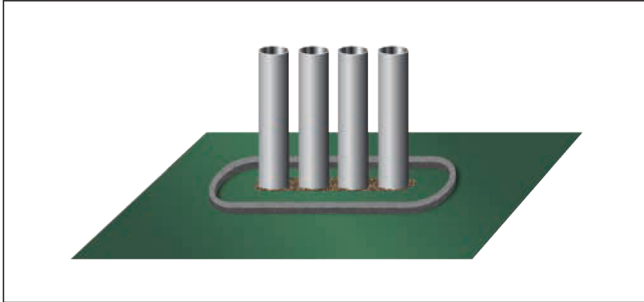


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# INSTALLATION GUIDELINES PERMINATOR® EVOH



## PERMINATOR EVOH REPAIR INSTRUCTIONS

### PIPE PENETRATIONS

When installing PERMINATOR EVOH around pipe penetrations, vertical columns, electrical ducts, and other obstructions, cut the material to the nearest outside edge. This cut can be sealed with PERMINATOR EVOH TAPE by simply centering it over the cut. Once the tape is placed correctly, apply pressure to assure a complete seal. All holes or penetrations through the membrane will need to be patched with PERMINATOR EVOH TAPE.

## PERMINATOR EVOH REPAIR INSTRUCTIONS

### LARGE PATCHES

Proper installation requires all holes and openings are repaired prior to placing concrete. When patching small holes, simply use PERMINATOR EVOH TAPE.

## PERMINATOR EVOH PROTECTION

When installing reinforcing steel and utilities, in addition to the placement of concrete, take precaution to protect PERMINATOR EVOH. Carelessness during installation can damage the most puncture-resistant membrane. Sheets of plywood cushioned with geotextile fabric temporarily



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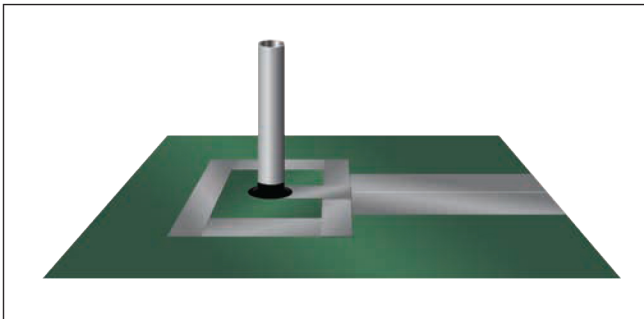
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## INSTALLATION GUIDELINES PERMINATOR® EVOH

placed on PERMINATOR EVOH provide for additional protection in high traffic areas including concrete buggies. Use only brick-type or chair-type reinforcing bar supports to protect PERMINATOR EVOH from puncture. Avoid driving stakes through PERMINATOR EVOH. If this cannot be avoided, each individual hole must be repaired. To avoid penetrating PERMINATOR EVOH when installing screed supports, utilize non-penetrating support. If a cushion or blotter layer is required in the design between PERMINATOR EVOH and the slab, additional care should be given if sharp crushed rock is used. Washed rock will provide less chance of damage during placement. Care must be taken to protect blotter layer from precipitation before concrete is placed.



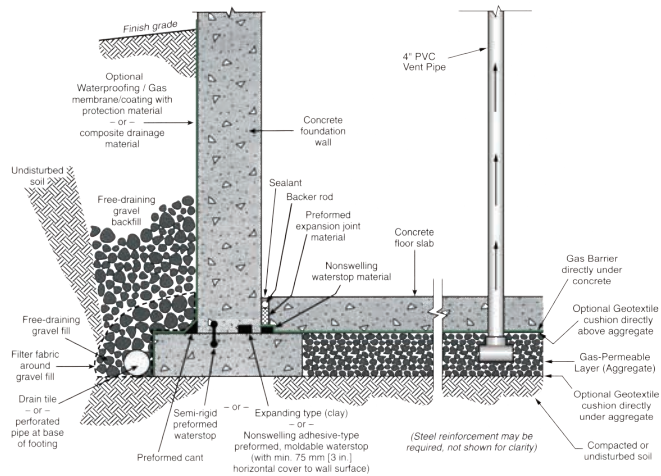
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# INSTALLATION GUIDELINES PERMINATOR® EVOH PENETRATIONS

PERMINATOR EVOH is a seven-layer co-extruded barrier manufactured from state-of-the-art polyethylene and EVOH resins. Designed to provide superior resistance to gas and moisture transmission, PERMINATOR EVOH is a highly resilient underslab gas/vapor barrier designed to restrict naturally occurring gases, such as radon, methane, gasoline, solvents, oils, and hydrocarbons, from migrating through the ground and into the concrete slab. PERMINATOR EVOH is furnished in rolls which are 10' (3 m) wide and 150' (45.7 m) long.

This document has been created as an addendum to the PERMINATOR EVOH technical data sheet to provide the recommended procedure to use when installing PERMINATOR EVOH in applications featuring penetrations.



Elements of a moisture/gas-resistant floor system. General illustrations only.  
(Note: the example show multiple options for waterstop placement.)

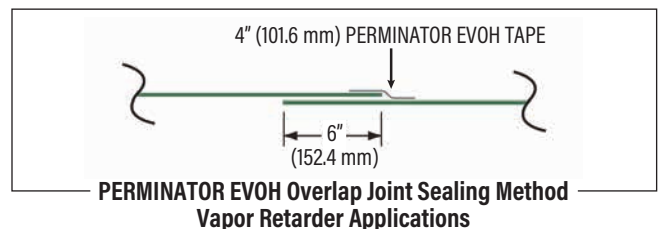
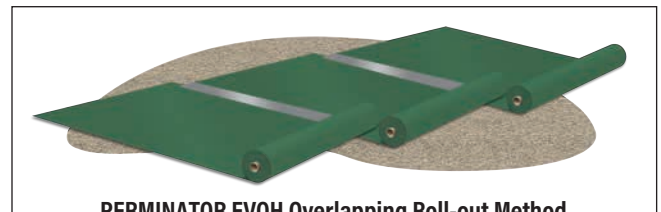
## PLACEMENT

Level and tamp or roll granular base as specified. A base for a gas-reduction system may require a 4" - 6" (101.6 - 152.4 mm) gas permeable layer of clean coarse aggregate as specified by architectural

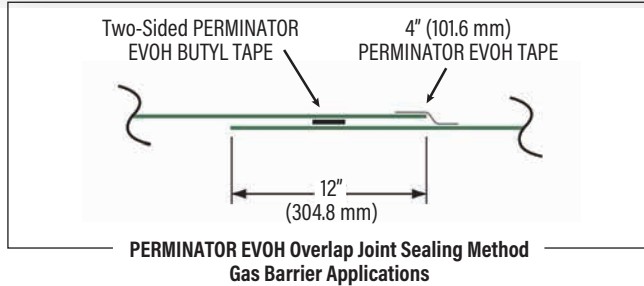
or structural drawings after installation of the recommended gas collection system. In this situation, a cushion layer consisting of a non-woven geotextile fabric placed directly under PERMINATOR EVOH will help protect the barrier from damage due to possible sharp coarse aggregate.

Unroll PERMINATOR EVOH running the longest dimension parallel with the direction of the pour and pull open all folds to full width.

Lap PERMINATOR EVOH over the footings and seal with PERMINATOR EVOH BUTYL TAPE at the footing-wall connection. Prime concrete surfaces, when necessary, and assure they are dry and clean prior to applying two-sided PERMINATOR EVOH BUTYL TAPE. Apply even and firm pressure with a rubber roller. Overlap joints a minimum of 6" (101.6 mm) and seal overlap with 4" (101.6 mm) PERMINATOR EVOH TAPE. When used as a gas barrier, overlap joints a minimum of 12" (304.8 mm) and seal in between overlap with two-sided PERMINATOR EVOH BUTYL TAPE. Then seal with 4" (101.6 mm) PERMINATOR EVOH TAPE centered on the overlap seam.



# INSTALLATION GUIDELINES PERMINATOR® EVOH PENETRATIONS



## SINGLE PENETRATION PIPE BOOT INSTALLATION

Seal around all plumbing, conduit, support columns, or other penetrations that protrude through the PERMINATOR EVOH membrane. Fabricate pipe boots from PERMINATOR EVOH excess material. Cut a square large enough to overlap 12" (304.8 mm) in all directions. Mark where to cut opening on the center of the square and cut four to eight slices about 3/8" (9.5 mm) less than the diameter of the pipe. Force the square over the pipe leaving the tightly stretched cut area around the bottom of the pipe with approximately a 1/2" (12.7 mm) of the boot material running vertically up the pipe. No more than a 1/2" (12.7 mm) of stretched boot material is recommended. Once boot is positioned, seal the perimeter to the membrane by applying two-sided PERMINATOR EVOH BUTYL TAPE in between the two layers. Secure boot down firmly over the membrane taking care not to have any large folds or creases. Use PERMINATOR EVOH TAPE to secure the boot to the pipe. Tape completely around pipe, overlapping the PERMINATOR EVOH square, to create a tight seal against the pipe. Complete the process by taping over the boot perimeter edge with PERMINATOR EVOH TAPE to create a monolithic membrane between the surface of the slab and gas/moisture sources below and at the slab perimeter.

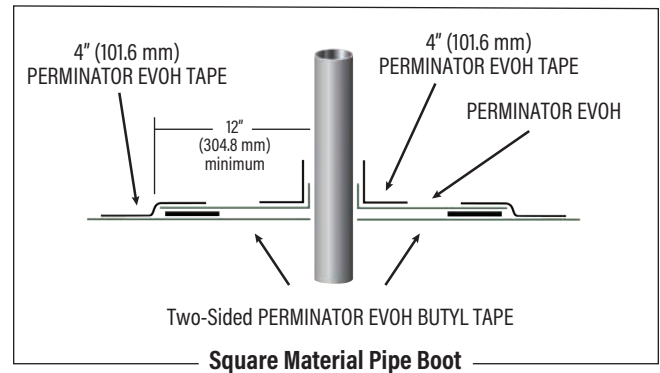
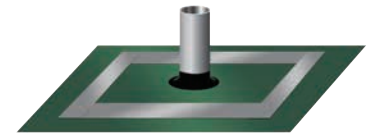
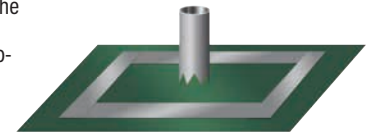
1. Cut a square of PERMINATOR EVOH barrier to extend at least 12" (304.8 mm) from the pipe in all directions.

2. Cut four to eight slices about 3/8" (9.5 mm) less than the diameter of the pipe.

3. Force over pipe and tape the underside boot perimeter to existing barrier with two-sided PERMINATOR EVOH BUTYL TAPE.

4. Tape over the boot perimeter edge with PERMINATOR EVOH TAPE.

5. Use PERMINATOR EVOH TAPE and overlap 1" (25.4 mm) at the seam.



## MULTIPLE PENETRATION PIPE BOOT INSTALLATION - OPTION 1

Cut a patch large enough to overlap 12" (304.8 mm) in all directions of penetrations. Mark where to cut openings and cut four to eight slices about 3/8" (9.5 mm) less than the diameter of the penetration for each. Force patch material over penetration to achieve a tight fit and form a lip. Once patch is positioned, seal the perimeter to the membrane by



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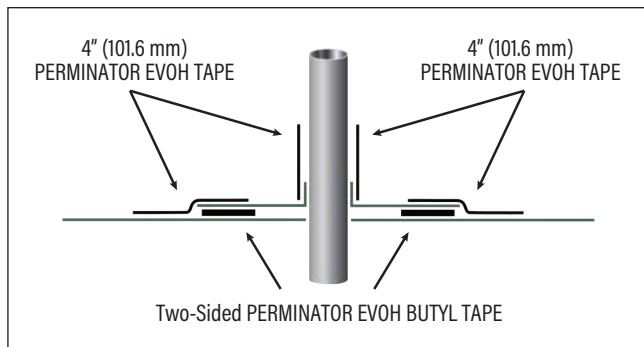
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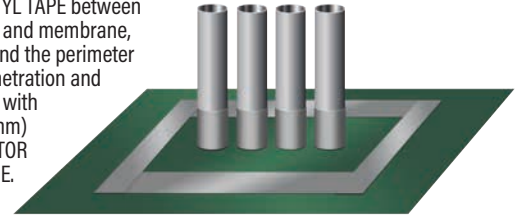
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# INSTALLATION GUIDELINES PERMINATOR® EVOH PENETRATIONS

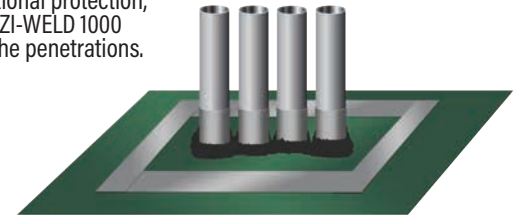
applying two-sided PERMINATOR EVOH BUTYL TAPE in between the two layers. After applying two-sided PERMINATOR EVOH BUTYL TAPE between the patch and membrane, tape around the perimeter of the penetrations and the patch with 4" (101.6 mm) PERMINATOR EVOH TAPE. For additional protection apply, REZI-WELD™ 1000 from W. R. MEADOWS around the penetrations.



After applying PERMINATOR EVOH BUTYL TAPE between the patch and membrane, tape around the perimeter of the penetration and the patch with 4" (101.6 mm) PERMINATOR EVOH TAPE.

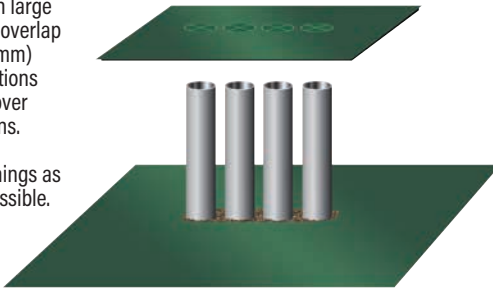


For additional protection, apply REZI-WELD 1000 around the penetrations.

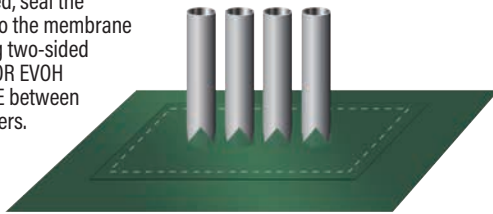


Cut a patch large enough to overlap 12" (305.8 mm) in all directions and slide over penetrations.

Make openings as tight as possible.



Once the overlay patch is positioned, seal the perimeter to the membrane by applying two-sided PERMINATOR EVOH BUTYL TAPE between the two layers.



## MULTIPLE PENETRATION PIPE BOOT INSTALLATION - OPTION 2

Install PERMINATOR EVOH as closely as possible to pipe penetrations to minimize the amount of REZI-WELD 1000 necessary to seal around all penetrations. Once PERMINATOR EVOH is in place, remove soil or other particles with a dry cloth or a fine broom to allow for improved adhesion to the REZI-WELD 1000 material. Create a dam around the penetration area approximately 2" (50.8 mm) away from the pipe or other vertical penetrations by removing the release liner from the back of a 1" (25.4 mm) weather stripping foam and adhere to PERMINATOR EVOH. Form a complete circle to contain the REZI-WELD 1000 material. Once mixed, pour REZI-WELD 1000 around the pipe penetrations. If needed, a brush or a flat wooden stick can be used to direct REZI-WELD 1000 completely around penetrations creating a complete seal.



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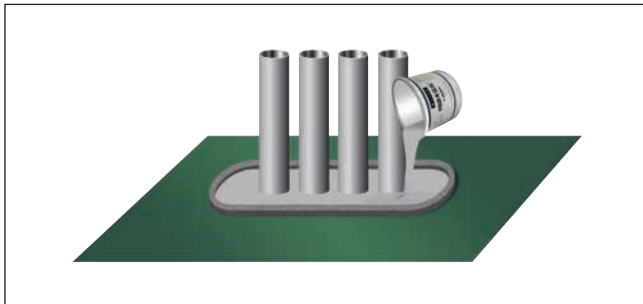
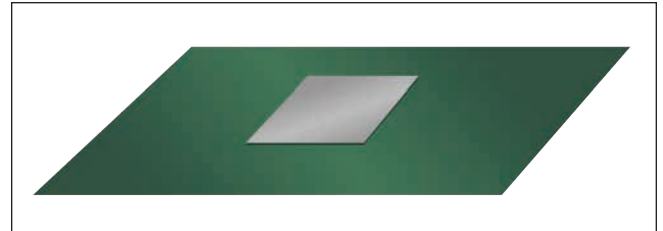
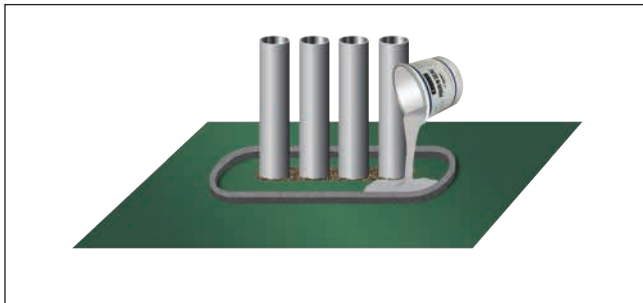
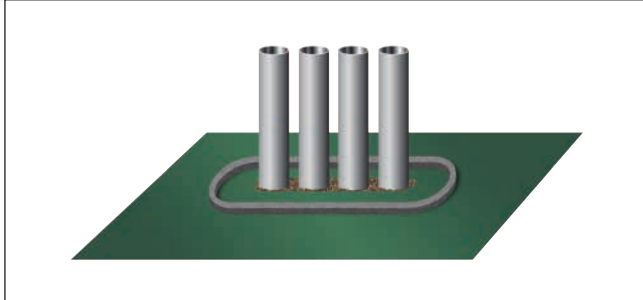
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# INSTALLATION GUIDELINES PERMINATOR® EVOH PENETRATIONS



## PERMINATOR EVOH REPAIR INSTRUCTIONS

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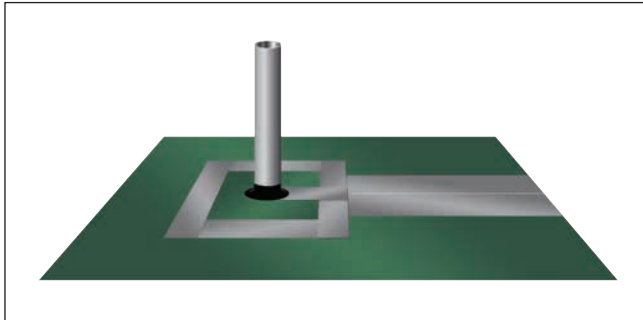
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## INSTALLATION GUIDELINES PERMINATOR® EVOH PENETRATIONS

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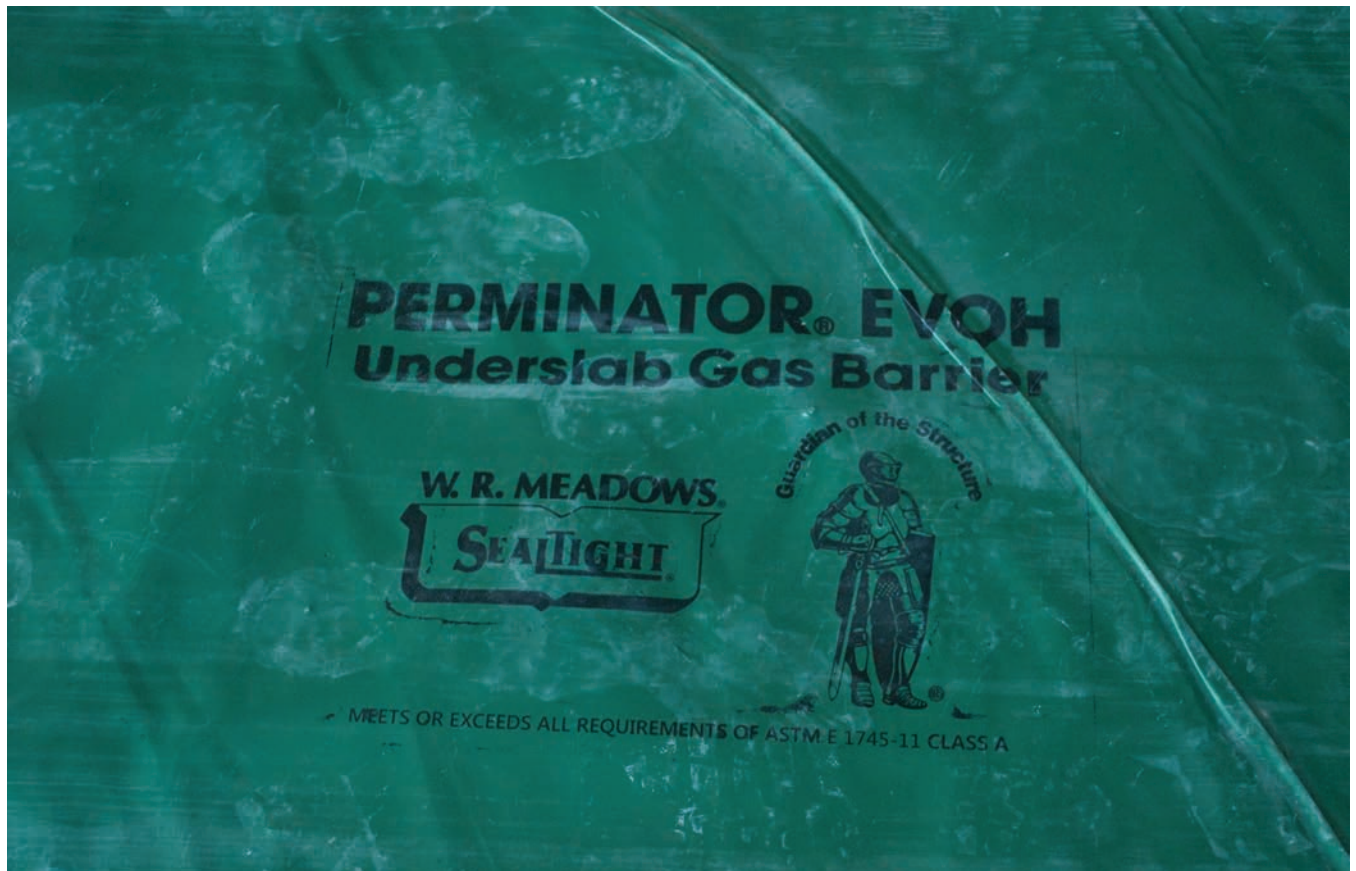


# TECHNICAL BULLETIN

## SEAM HEAT WELD FOR PERMINATOR® EVOH

Overlap edges 6" (152.4 mm) in preparation for thermal seaming. This overlap area must be cleaned of all dust, dirt, water and foreign debris no more than 30 minutes prior to the heat-seaming operation. Acceptable field-welding methods are thermal fusion and extrusion. The thermal energy for fusion welding can be provided by a single or dual hot wedge welder, hot air or a combination. Extrusion welding rod should be made from the same resin class as the bonding surface of the gas barrier being extruded to. Trial welds, at least 4' (1.2 m) long, shall be made on scraps of the same material being installed.

Three non-destructive test methods are available to verify field welds, including: center air channel pressure testing for double-track fusion seams, vacuum box testing for single-track fusion seams and extrusion seams or patches, and air lance testing for single-track fusion seams.



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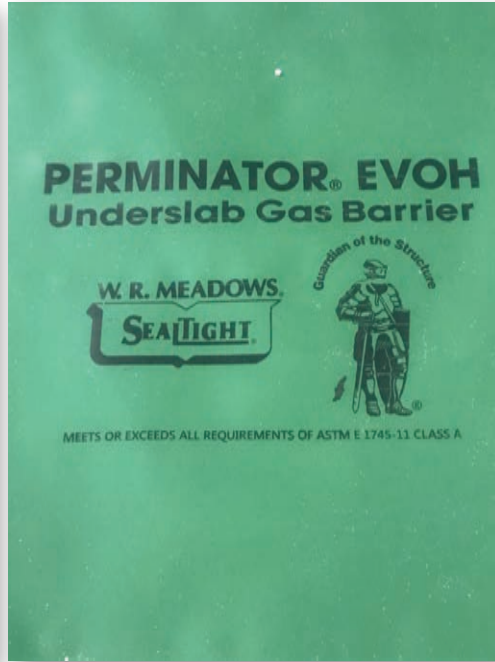
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FORT WORTH, TX / BENICIA, CA / POMONA, CA

GOODYEAR, AZ / MILTON, ON / SHERWOOD PARK, AB



Project: FCA Hoover  
Location: Warren, Michigan, USA  
Engineer: IBI Group  
General Contractor: Roncelli  
Subcontractor: Arisco Contracting Group, Inc.  
Salesperson: Jason Everhart

Products: PERMINATOR EVOH  
PERMINATOR EVOH TAPE  
PERMINATOR BUTYL TAPE  
SEALMASTIC™ TYPE II  
Scope: 500,000 square feet



MasterFormat: 07 14 16

OCTOBER 2017  
(Supersedes November 2013)**MEL-ROL® LM****Single-Component, Water-Based, Polymer-Modified, Cold-Applied,  
Waterproofing Membrane****DESCRIPTION**

MEL-ROL LM is a single-component, polymer-modified, cold-applied, water-based, liquid waterproofing membrane ideal for below-grade vertical seamless waterproofing applications. We have taken the same high quality rubber polymers found in W. R. MEADOWS' successful MEL-ROL "peel and stick" membrane and converted them into a heavy-bodied, high solids, quick drying liquid membrane.

With MEL-ROL LM, installation time is reduced, utilizing either a spray or roller application. A variety of different protection courses, insulation boards, or drainage boards can be embedded into the membrane

to create a superior waterproofing system. With the application of PERMINATOR® vapor barrier over the membrane, a composite system can be created that has the combined advantages of both "peel and stick" and liquid-applied membranes.

**USES**

MEL-ROL LM can be used on new and remedial waterproofing applications on concrete or masonry block substrates. Since the formula is water-based, MEL-ROL LM can also be used on both ICFs and "green concrete" applications.

**FEATURES/BENEFITS**

- Waterproof – very low vapor permeability (perm rating).
- Superior elongation – bridges minor cracks; will not become brittle with age.
- Fully bonded – water will not run beneath the membrane.
- High solids, single-component, fast drying formulation – easy to apply; low cost application equipment; eliminates two-component mixing problems.
- Cold-applied/water-based – will not adversely affect insulated forms (ICFs) or various protection board options. Allows for application to damp or "green concrete."

- VOC content is 0.0 g/L. Produces no harmful odors.
- Easy application – no heating necessary. Eliminates fire hazards associated with heating kettles. Apply with roller or airless sprayer.

**PACKAGING**

5 Gallon (18.93 Liter) Pails  
55 Gallon (208.20 Liter) Drums\*  
\*Special order only

**COVERAGE**

20 - 25 ft.<sup>2</sup>/gal. (0.49 – 0.61 m<sup>2</sup>/L) @ 60 mils. Coverage dependent on substrate type, weather, and application conditions.

**SPECIFICATIONS**

- Complies with all current federal, state, and local maximum allowable VOC requirements, including National EPA VOC Emission Standard for Architectural Coatings, CARB, LADCO, OTC Phase I and II, and SCAQMD.

**SHELF LIFE**

When stored indoors in original, unopened containers at temperatures between 40° - 90° F (4° - 32° C), optimum performance and best use is obtained within six months of date of manufacture.

**APPLICATION**

**Surface Preparation ...** All surfaces must be clean (free of all coatings and curing compounds), free of frost, relatively smooth, and structurally sound. Patch any bug holes, tie holes, large gaps, or cracks with MEADOW-PATCH® 5 or MEADOW-PATCH 20 from W. R. MEADOWS. All loose laitance on the substrates, such as dirt, dust, loose stones, and debris, should be either swept or blown clean. All inside corners should be addressed with a cove of BEM from W. R. MEADOWS prior to application of MEL-ROL LM.

**CONTINUED ON THE REVERSE SIDE...****W. R. MEADOWS, INC.**

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All shrinkage cracks less than 1/16" (1.6 mm) should be pretreated with a 60-mil coat of MEL-ROL LM 6" (152.4 mm) wide. All cracks greater than 1/16" (1.6 mm) should be taped with DETAIL STRIP from W. R. MEADOWS prior to application of the membrane. For specific project recommendations, please contact W. R. MEADOWS technical services.

**Mixing** ... MEL-ROL LM is designed to be used from the pail or drum with little or no mixing. However, if water appears on the surface, mix thoroughly with a low-speed mechanical mixer prior to application.

**Priming** ... To reduce blistering on concrete surfaces, a thin coat of MEL-ROL LM diluted with water may be required. (Approximate dilution ratio of MEL-ROL LM to water is between 4:1 and 5:1.)

Thoroughly mix primer with a mechanical mixer. Prime the entire concrete surface to be waterproofed by spraying or rolling on a single coat at a coverage rate of 100 - 150 ft.<sup>2</sup>/gal. (2.45 - 3.68 m<sup>2</sup>/L). Allow primer to dry (approximately one hour, depending on temperature and conditions).

## TECHNICAL DATA

Membrane		
Property	Typical Value	Test Method
Color	Black	
Solids	70%	
VOC Content	0 g/L	
Total Cure Time	16 - 24 hours	
Service Temperature	-20° - 140° F (-29° - 60° C)	
Application Temperature	40° F (4.4° C) minimum	
Shore "00" Hardness	Passes	ASTM C836
Stability	Exceeds	ASTM C836
Elongation	1500%	ASTM D412
Water Absorption	0.7%	ASTM D1970
WVT	0.03 Perms	ASTM E96, B
Composite (55 Mil Membrane/10 Mil PERMINATOR)		
Peel Adhesion	7 lb./in. (125 g/mm)	ASTM C794
Tensile Strength (Film)	5000 psi (36 MPa)	ASTM D412 (Die C)
Elongation	900%	ASTM D412 (Die C)
Water Vapor Permeability	0.02 Perms (0.013 g/m <sup>2</sup> /24 h)	ASTM E96, B
Water Absorption	0.1%	ASTM D1970
Resistance to Hydrostatic Head	48 psi (0.3 MPa)	ASTM D751
Puncture Resistance	22 lbf. (98 N)	ASTM D4833

**Detailing** ... After surface preparations are complete, detailing should be addressed. The desired thickness of membrane coverage is 120 mils for inside/outside corners and non-moving and hairline cracks, as well as around drains and penetrations. Request and view the W. R. MEADOWS WATERPROOFING CONTRACTORS' HANDBOOK for additional information.

**Footing Details** ... Use DETAIL STRIP from W. R. MEADOWS for impaction sheet coverage. First, fold strips lengthwise and then cut at the fold. Material is then ready to install as 4 ½" (114.3 mm) strips on either side of the rebar. Any excess can be turned down on the face of the footing. Next, fill the voids around rebars in the keyway with BEM. Pour the walls. Install DETAIL STRIP horizontally along the wall where it meets the footing, placing half the material up the wall and the other half onto the footing. Extend the material 4 ½" (114.3 mm) beyond outside corners. Slit extended portion of DETAIL STRIP lengthwise. Place the horizontal flap out onto the footing and bend the vertical flap around the wall. Repeat this procedure in the opposite direction. In high water table applications, install WATERSTOP EC from W. R. MEADOWS directly to the cold joint before application of DETAIL STRIP.

**Roller Application** ... MEL-ROL LM can be applied directly from the container using a ¾" (19.1 mm) nap roller. Apply in two coats, each 30 mils thick, allowing first coat to reach initial set prior to application of second coat.

**Spray Application** ... MEL-ROL LM may be sprayed on at a minimum coverage thickness of 60 mils wet (45 mils dry). To obtain 60 mils wet thickness, and to prevent slumping, apply MEL-ROL LM in two coats of 30 wet mils. Apply the second coat after the first coat has dried (approximately one to two hours).

**Spraying Equipment** ... MEL-ROL LM is most effectively applied by using the Graco HydraMax 350 or the Graco GH833 Big Rig. The Graco heavy-duty texture gun is recommended for use with the following tips: For best results, use the 0.051" (Graco GHD551) heavy-duty switch tip. For spraying of primer coat, a smaller orifice tip such as the 0.035" (Graco GHD635) can be used. Tips should be reversible types for easy clean out. For more complete spraying equipment information, please view INSTALLATION INSTRUCTIONS: SPRAYER EQUIPMENT GUIDELINES FOR W. R. MEADOWS FLUID-APPLIED MEMBRANES available at [www.wrmeadows.com](http://www.wrmeadows.com).

**Horizontal Application** ... For horizontal applications, use HYDRALASTIC 836 from W. R. MEADOWS.

**Thickness Control** ... Frequently inspect surface area with a wet mil gauge to ensure desired consistent thickness is achieved. Porous substrates or masonry block walls may require additional coats to obtain desired thickness.

**Cleanup** ... Material should not be left in the pump, lines, or gun when finished spraying. CAUTION: Solvents must not come in contact with MEL-ROL LM in the sprayer, as they will break the emulsion and plug up the entire sprayer system. After spraying, promptly flush water only (no soap) through the system until pump and hose are clear [approx. five gallons (18.9 L)]. Aromatic solvents, such as xylene or toluene [approx. two gallons (7.6 L)], should be used for final flushing after water is flushed through the pump and lines.

Mineral spirits, paint thinner, gasoline, etc., must not be used to flush system. NOTE: Water must be flushed through the machine to remove any solvents prior to spraying of MEL-ROL LM.

**Protection** ... Cover vertical applications with PROTECTION COURSE, MEL-DRAIN™, or PERMINATOR (10 mil) from W. R. MEADOWS. Surfaces must be covered within 45 days.

**Backfilling** ... Allow 24 hours for complete cure of membrane prior to backfilling.

## PRECAUTIONS

Do not freeze. Do not apply MEL-ROL LM if rainfall is forecast or imminent within 12 hours. For horizontal applications, HYDRALASTIC 836 is recommended. Do not apply MEL-ROL LM or primer when air, material, and surface temperatures are expected to fall below 40° F (4.4° C) within four hours of completed application. Sprayed urethane foams applied over MEL-ROL LM can melt the membrane and cause delamination and failure due to the exothermic reaction that takes place after spraying the foam. These foams should not be sprayed over MEL-ROL LM. The use of MEL-ROL LM does not negate the need for relief of hydrostatic heads. A complete drain tile system should be placed around the exterior of footing and under slabs, as required.

## LEED INFORMATION

May help contribute to LEED credits:

- EAp2: Minimum Energy Performance
- EAc2: Optimize Energy Performance
- MRc9: Construction and Demolition Waste Management
- EQc2: Low-Emitting Materials [For Healthcare and Schools (exterior-applied products) ONLY]

**For BIM assemblies, CAD details, most recent data sheet, further LEED information, and SDS, visit**

[www.wrmeadows.com](http://www.wrmeadows.com).



### **LIMITED WARRANTY**

W. R. MEADOWS, INC. warrants at the time and place we make shipment, our material will be of good quality and will conform with our published specifications in force on the date of acceptance of the order. Read complete warranty. Copy furnished upon request.

### **Disclaimer**

The information contained herein is included for illustrative purposes only, and to the best of our knowledge, is accurate and reliable. W. R. MEADOWS, INC. cannot however under any circumstances make any guarantee of results or assume any obligation or liability in connection with the use of this information. As W. R. MEADOWS, INC. has no control over the use to which others may put its product, it is recommended that the products be tested to determine if suitable for specific application and/or our information is valid in a particular circumstance. Responsibility remains with the architect or engineer, contractor and owner for the design, application and proper installation of each product. Specifier and user shall determine the suitability of products for specific application and assume all responsibilities in connection therewith.







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**Project:** Saint Paraskevi Greek Orthodox Monastery  
**Location:** Washington, Texas, USA  
**Engineer:** MLAW Forensics, Inc.  
**Contractor:** Shepperd Construction  
**Salesperson:** Nick Tam  
**Products:** MEADOW-PATCH® 20  
MEL-ROL® LM  
MEL-ROL  
MEL-PRIME™  
POINTING MASTIC  
MEL-DRAIN™ 5035-B  
PERMINATOR® 15 mil  
**Scope:** 3,400 square feet

The Saint Paraskevi Monastery was experiencing excessive leaks and puddles of water in the basement which prevented use of the interior space. After excavation of the below-grade walls and foundation, it was revealed that the makeup of the wall system was EFIS, with a waterproofing membrane applied directly to the insulated concrete forms. Unfortunately, due to the incompatibility of the waterproofing membrane, the insulation of the concrete forms began to deteriorate and create air/moisture leaks from the ambient conditions.

To repair the envelope system and provide a watertight seal, removal of the insulation from the concrete forms was needed. After the insulation was removed it was apparent that the rough and rigid substrate would not be an adequate surface for any waterproofing membrane, especially when you take into account that aggregate and plastics were exposed in most areas. It was determined that MEADOW-PATCH 20 repair mortar was to be used to repair the concrete substrate and provide a smooth surface for waterproofing application.

Once the walls were ready for waterproofing, MEL-ROL sheet applied waterproofing was used for the base of wall transition, as well as any sharp corners that presented themselves. This was followed by an initial 30mil coat of MEL-ROL LM, finishing off with a second 30mil coat of MEL-ROL LM.

After the waterproofing portion of work was completed, it was time to protect the membrane and provide a drainage layer utilizing MEL-DRAIN 5035-B. To anchor this system, a termination bar was used to mechanically fasten the drainage board at the top of the wall, using POINTING MASTIC to seal or gasket our anchor system. Spray-adhesive was used to adhere all side-laps of the drainage board as extra security in creating a monolithic protection layer.

# GUIDE SPECIFICATION FOR MEL-ROL® LM: LIQUID-APPLIED WATERPROOFING MEMBRANE

SECTION 07 14 16

COLD-FLUID APPLIED WATERPROOFING

Specifier Notes: This guide specification is written according to the Construction Specifications Institute (CSI) format. The section must be carefully reviewed and edited by the architect or engineer to meet the requirements of the project. Coordinate this section with other specification sections and the drawings.

Specifier Notes: MEL-ROL LM waterproofing system is a single-component, polymer-modified, cold-applied, liquid waterproofing membrane ideal for vertical waterproofing applications. This heavy bodied, liquid membrane is ideal for immediate application to newly stripped, below-grade concrete walls and for use with insulated concrete forms. It is also suitable for below-grade masonry block walls.

## PART 1 GENERAL

### 1.01 SECTION INCLUDES

- A. Surface preparation.
- B. Application of single-component, cold-applied, liquid waterproofing membrane.

### 1.02 RELATED SECTIONS

Specifier Notes: Edit the list of related sections as required for the project. List other sections dealing with work directly related to this section.

- A. Section 03 30 00 – Cast-in-Place Concrete.
- B. Section 04 20 00 – Unit Masonry.
- C. Section 07 13 26 – Self-Adhering Sheet Waterproofing.
- D. Section 07 21 00 – Thermal Insulation.
- E. Section 07 60 00 – Flashing and Sheet Metal.
- F. Section 07 92 00 – Joint Sealants.
- G. Section 33 46 13 - Foundation Drainage.

### 1.03 REFERENCES

- A. ASTM D146-97 - Standard Test Methods for Sampling and Testing Bitumen-Saturated Felts and Fabrics Used in Roofing and Waterproofing.
- B. ASTM D412-98a(2002)e1 - Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers -Tension.
- C. ASTM E96-00e1 (Method B) - Standard Test Methods for Water Vapor Transmission of Materials.
- D. ASTM D1228 - Methods of Testing Asphalt Insulating Siding Surfaced with Mineral Granules.

- E. ASTM C836 - Standard Specification for High Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane for Use with Separate Wearing Course.
- F. ASTM D1970-01 - Standard Specification for Self-Adhering Polymer Modified Bituminous Sheet Materials Used as Steep Roofing Underlayment for Ice Dam Protection.

#### 1.04 SUBMITTALS

- A. Comply with Section 01 33 00 - Submittal Procedures.
- B. Submit manufacturer's product data and application instructions.

#### 1.05 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Store materials in a clean, dry area in accordance with manufacturer's instructions.
- C. Store adhesives and primers at temperatures of 40° F (5° C) and above to facilitate handling.
- D. Do not store at temperatures above 90° F (32° C) for extended periods.
- E. Protect materials during handling and application to prevent damage or contamination.

#### 1.06 ENVIRONMENTAL REQUIREMENTS

- A. Product not intended for uses subject to abuse or permanent exposure to the elements.
- B. Do not apply membrane when air, material, or surface temperatures are expected to fall below 30° F (-1° C) within four hours of completed application.
- C. Do not apply membrane if rainfall is forecast or imminent within 12 hours.
- D. Do not apply to frozen concrete.
- E. Membrane can be applied to green concrete.

### PART 2 PRODUCTS

#### 2.01 MANUFACTURER

- A. W. R. MEADOWS®, INC., PO Box 338, Hampshire, Illinois 60140-0338. (800) 342-5976. (847) 683-4500. Fax (847) 683-4544. Web Site [www.wrmeadows.com](http://www.wrmeadows.com).

#### 2.02 MATERIALS

- A. Waterproofing Membrane: single-component, polymer-modified, cold-applied, liquid waterproofing membrane.
  - 1. Performance Based Spec: Waterproofing membrane shall have the following properties as determined by laboratory testing:
    - a. Color: Black
    - b. Solids: 70%
    - c. Total Cure Time: 16-24 hours
    - d. Shore "00" Hardness, ASTM C836: Passes
    - e. Adhesion to Concrete, ASTM C836: Exceeds
    - f. Low Temperature Flex and Crack Bridging, ASTM C836: Passes
    - g. Stability, ASTM C836: Exceeds
    - h. Elongation, ASTM D412: 1500%



- i. Water Absorption, ASTM D1970: 0.7%
- j. Water Vapor Transmission, ASTM E96 (Method B): 0.03 perms

2. Proprietary Based Spec:

- a. MEL-ROL LM Waterproofing System by W. R. MEADOWS.

2.03 ACCESSORIES

- A. Concrete Repair Materials: MEADOW-PATCH™ 5 and 20 Concrete Repair Mortars.
- B. Waterproofing Protection Course: PERMINATOR™ 10 mil.
- C. Rolled Matrix Drainage System: MEL-DRAIN™.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Examine surfaces to receive membrane. Notify architect if surfaces are not acceptable. Do not begin surface preparation or application until unacceptable conditions have been corrected.

3.02 SURFACE PREPARATION

- A. Protect adjacent surfaces not designated to receive waterproofing.
- B. Clean and prepare surfaces to receive waterproofing in accordance with manufacturer's instructions.
- C. Do not apply waterproofing to surfaces unacceptable to manufacturer.
- D. Concrete surfaces must be clean, relatively smooth, and free of standing water.
- E. Patch all holes and voids and smooth out any surface misalignments.
- F. Remove and patch all concrete form ties.
- G. Apply primer coat of membrane diluted 4:1 with water if necessary to reduce blistering on concrete surfaces at a coverage rate of 100-150 ft.<sup>2</sup>/U.S. gal (13.9 m<sup>2</sup>/3.78 L) by spraying or rolling.
- H. Allow primer coat to dry before proceeding to membrane application.

3.03 APPLICATION

- A. Apply waterproofing membrane system in accordance with manufacturer's instructions.
- B. Thoroughly mechanically mix membrane prior to application.
- C. Apply membrane by spray, roller, or brush at a minimum coverage rate of 20-25 ft.<sup>2</sup>/U.S. gal (1.9-2.3 m<sup>2</sup>/3.78L) providing a thickness of 60 wet mils.
- D. Frequently inspect surface area with a wet mil gauge to ensure consistent thickness.
- E. Work material into any fluted rib forming indentations.
- F. Cured thickness of membrane should be 45 mils dry.
- G. Avoid use of products that contain tars, solvents, pitches, polysulfide polymers, or PVC materials that may come into contact with waterproofing membrane system.

3.04 PROTECTION

- A. Protect membrane with application of waterproofing protection course, drainage board, or other approved material.
- B. Backfill immediately using care to avoid damaging waterproofing membrane system.

END OF SECTION



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# INSTALLATION GUIDELINES

## MEL-ROL<sup>®</sup> LM

This document has been created as an addendum to the MEL-ROL LM technical data sheet to provide the recommended procedure to use when installing MEL-ROL LM single-component, polymer-modified, cold-applied, water-based, liquid waterproofing membrane from W. R. MEADOWS.

### APPLICATION

#### SURFACE PREPARATION

All surfaces must be clean (free of all coatings and curing compounds), free of frost, relatively smooth, and structurally sound. Patch any bug holes, tie holes, large gaps, or cracks with MEADOW-PATCH<sup>®</sup> 5 or MEADOW-PATCH 20 from W. R. MEADOWS. All loose laitance on the substrates, such as dirt, dust, loose stones, and debris, should be either swept or blown clean. All inside corners should be addressed with a cove of BEM from W. R. MEADOWS prior to application of MEL-ROL LM.



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All shrinkage cracks less than 1/16" (1.6 mm) should be pretreated with a 60-mil coat of MEL-ROL LM 6" (152.4 mm) wide. All cracks greater than 1/16" (1.6 mm) should be taped with DETAIL STRIP from W. R. MEADOWS prior to application of the membrane. For specific project recommendations, please contact W. R. MEADOWS technical services.

#### MIXING

MEL-ROL LM is designed to be used from the pail or drum with little or no mixing. However, if water appears on the surface, mix thoroughly with a low speed mechanical mixer prior to application.

#### PRIMING

To reduce blistering on concrete surfaces, a thin coat of MEL-ROL LM diluted with water may be required. (Approximate dilution ratio of MEL-ROL LM to water is between 4:1 and 5:1.)

Thoroughly mix primer with a mechanical mixer. Prime the entire concrete surface to be waterproofed by spraying or rolling on a single coat at a coverage rate of 100 - 150 ft.<sup>2</sup>/gal. (2.45 - 3.68 m<sup>2</sup>/L). Allow primer to dry (approximately one hour, depending on temperature and conditions).

#### DETAILING

After surface preparations are complete, detailing should be addressed. The desired thickness of membrane coverage is 120 mils for inside/outside corners and non-moving and hairline cracks, as well as around drains and penetrations. Request and view the W. R. MEADOWS WATERPROOFING CONTRACTORS HANDBOOK for additional information.

#### FOOTING DETAILS

Use DETAIL STRIP from W. R. MEADOWS for impaction sheet coverage. First, fold strips lengthwise and then cut at the fold. Material is then ready to install as 4 1/2" (114.3 mm) strips on either side

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# INSTALLATION GUIDELINES

## MEL-ROL® LM

of the rebar. Any excess can be turned down on the face of the footing. Next, fill the voids around the rebars in the keyway with BEM. Pour the walls.

Install DETAIL STRIP horizontally along the wall where it meets the footing, placing half the material up the wall and the other half onto the footing. Extend the material 4 ½" (114.3 mm) beyond outside corners. Slit extended portion of DETAIL STRIP lengthwise. Place the horizontal flap out onto the footing and bend the vertical flap around the wall. Repeat this procedure in the opposite direction.

In applications subject to a high water table, WATERSTOP EC PLUS from W. R. MEADOWS (or approved alternative), must be incorporated in the wall design.



### ROLLER APPLICATION

MEL-ROL LM can be applied directly from the container using a ¾" (19.1 mm) nap roller. Apply in two coats, each 30 mils thick, allowing first coat to reach initial set prior to application of second coat.



### SPRAYER APPLICATION

MEL-ROL LM may be sprayed on at a minimum coverage thickness of 60 mils wet (45 mils dry). To obtain 60 mils wet thickness, and to prevent slumping, apply MEL-ROL LM in two coats of 30 wet mils. Apply the second coat after the first coat has dried (approximately one to two hours).



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# INSTALLATION GUIDELINES MEL-ROL® LM

## SPRAYING EQUIPMENT

MEL-ROL LM is most effectively applied by using the Graco HydraMax 350 or the Graco GH833 Big Rig.



The Graco heavy-duty texture gun is recommended for use with the following tips: For best results, use the 0.051" (Graco GHD551) heavy-duty switch tip. For spraying of primer coat, a smaller orifice tip such as the 0.035" (Graco GHD635) can be used. Tips should be reversible types for easy clean out. For more complete spraying equipment information, please view **INSTALLATION INSTRUCTIONS: SPRAYER EQUIPMENT GUIDELINES FOR W. R. MEADOWS FLUID-APPLIED MEMBRANES** available at [www.wrmeadows.com](http://www.wrmeadows.com).

## HORIZONTAL APPLICATION

For horizontal applications, use HYDRALASTIC 836 from W. R. MEADOWS.



## THICKNESS CONTROL

Frequently inspect surface area with a wet mil gauge to ensure desired consistent thickness is achieved. Porous substrates or masonry block walls may require additional coats to obtain desired thickness.



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### CLEANUP

Material should not be left in the pump, lines, or gun when finished spraying. CAUTION: Solvents must not come in contact with MEL-ROL LM in the sprayer, as they will break the emulsion and plug up the entire sprayer system. After spraying, promptly flush water only (no soap) through the system until pump and hose are clear [approx. five gallons (18.9 L)]. Aromatic solvents, such as xylene or toluene [approx. two gallons (7.6 L)], should be used for final flushing after water is flushed through the pump and lines.

Mineral spirits, paint thinner, gasoline, etc., must not be used to flush system. NOTE: Water must be flushed through the machine to remove any solvents prior to spraying of MEL-ROL LM.

### PROTECTION

Cover vertical applications with PROTECTION COURSE, MEL-DRAIN<sup>™</sup>, or PERMINATOR (10 mil) from W. R. MEADOWS. Surfaces must be covered within 45 days.



### BACKFILLING

Allow 24 hours for complete cure of membrane prior to backfilling.





## INSTALLATION GUIDELINES MEL-ROL® AND MEL-ROL LM FOR WATERPROOFING INSULATED CONCRETE FORMS (ICF)

At W. R. MEADOWS, we get many questions about the proper way to waterproof ICFs. The use of our MEL-ROL and MEL-ROL LM as the overall waterproofing membrane will work for this type of application.

The following products will be used in waterproofing ICFs:

MEL-PRIME™ W/B  
BEM  
MEL-ROL LIQUID MEMBRANE  
MEL-ROL  
MEL-ROL LM  
TERMINATION BAR

### RECOMMENDED TOOLS

Broom  
Caulking Gun  
Chalk Line  
Impact Hammer  
Paint Brushes and Roller

**Surface Preparation** ... Remove any oxidized foam (rasp) from the surface.

**Joint Treatment** ... All joints in the ICF need to be addressed. For applications of MEL-ROL, if joints in the ICF are wider than ¼" (6.35 mm), they should be filled with either MEL-ROL LIQUID MEMBRANE or BEM prior to priming and installation of the waterproofing membrane. Also pay close attention to where the wall meets the footing. This area should be treated with BEM or MEL-ROL LIQUID MEMBRANE. This treatment creates a cant where the wall meets the footing. In applications of MEL-ROL LM, all joints need to be filled with BEM.

**Application Method** .... Follow same application procedure as indicated on MEL-ROL and MEL-ROL LM technical data sheet. For more detailed application information, see MEL-ROL INSTALLATION GUIDELINES and MEL-ROL LM INSTALLATION GUIDELINES documents.

**Priming** ... When using MEL-ROL to waterproof the ICF, priming must be done. MEL-PRIME W/B should be used as the primer. The prime-coat should be in the range of 5-10 mils. After proper priming (not required for MEL-ROL LM) and joint detail, the ICF surface is ready for the application of MEL-ROL or MEL-ROL LM. Apply the product as outlined in the applications directions listed previously. When using MEL-ROL, TERMINATION BAR is required to seal the top edge.



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## INSTALLATION INSTRUCTIONS SPRAYER EQUIPMENT GUIDELINES FOR W. R. MEADOWS FLUID-APPLIED MEMBRANES

Extensive field testing has shown that the Graco GH 833 Big Rig or Hydra Max 350 (now obsolete) sprayers work best for spraying of the water-based AIR-SHIELD™ LM, AIR-SHIELD LMP, AIR-SHIELD LSR, AIR-SHIELD TMP, and MEL-ROL® LM products. (These sprayers also work well for the spraying of the solvent-based, ALL SEASON versions of these products.) We are not aware of any other types of sprayers being used successfully with our products. Initially, we had used the Gmax 7900 Roof Rig, but we have found that the pressures (4000 psi) attained by the Graco GH 833 Big Rig and Hydra Max 350 units yield more consistent, trouble-free results. The Graco GH 833 Big Rig and Hydra Max 350 units are capable of a 3.5 – 4.0 gal./min. output, compared to a 2.1 gal./min. for the Gmax 7900 Roof Rig. The water-based emulsion products are extremely shear sensitive and should NOT be applied through gear-type pumps or pressurized follower plate systems. These systems will cause the emulsions to break, which will then clog the equipment. The ALL SEASON versions of the products are not shear sensitive and will remain stable when applied by most standard spray equipment.

The Graco GH 833 Big Rig unit comes equipped with 100' of hose, a texture spray gun, and several tips. NOTE: The standpipe on the sprayer MUST be opened and checked for the presence of a filter element and plastic sleeve. For AIR-SHIELD LM and MEL-ROL LM, these MUST BOTH be removed prior to use, as they will cause clogging.

Both the Graco GH 833 Big Rig and Hydra Max 350 can be used for five-gal. pails or 55-gal. drums. Extensions on the pumps are able to create enough suction to allow material to be pulled from the top of a standing drum (or tote) of product. (An option available for the Graco GH 833 Big Rig allows the pump to be placed directly over a drum for improved pumping of thicker materials in cooler weather.)

### GRACO HYDRA MAX 350



### GRACO GH 833 BIG RIG



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## INSTALLATION INSTRUCTIONS SPRAYER EQUIPMENT GUIDELINES FOR W. R. MEADOWS FLUID-APPLIED MEMBRANES

### EQUIPMENT

**HOSE:** We have used up to 100' of hose with these products. (Longer lengths may work; possibly up to 150'.) The hose must be rated for use up to 4000 psi for these units. W. R. MEADOWS recommends using separate hoses specific to each material.

**SPRAY GUN:** The Graco heavy duty texture gun is required (part #241705). It does not contain a paint filter and works well for these products. Other Graco guns have not worked, as they contain a diverter pin in the spray nozzle that will constantly clog the gun.

**SPRAY TIPS:** We have used the 0.051" (Graco 551,651) tip successfully for spraying and this is our preferred tip size for MEL-ROL LM/AIR-SHIELD LM products. For spraying of AIR-SHIELD LMP, AIR-SHIELD TMP, and AIR-SHIELD LSR, the 0.051" tip will work, but using the 0.035" or 0.037" tip will yield a smoother finish on the wall. For spraying of a solvent-based ALL SEASON products, we recommend using the 0.035" (Graco 535, 635) tip. NOTE: Tips should be the "reversible" type for easy clean out.

### APPLICATION - PRIMER

**PRIMING:** Priming of poured concrete substrates may be required to minimize the potential for blistering of the membrane after it is applied and when exposed to direct sunlight. Once applied, the primer coat should be allowed to dry and be allowed to "warm up" while exposed to direct sunlight. Allowing the primer to be exposed to direct sunlight prior to the membrane application will allow the surface to "warm up" (due to the black color) and help "de-gas" the surface. This "de-gassing" releases the air/moisture vapors in the pores of the substrate, allowing them to expand and dissipate prior to the membrane application. If the primer is not exposed to direct sunlight for a sufficient time interval prior to membrane application, then blistering of the membrane may occur.



### PRIMER DILUTION / APPLICATION

**RATE:** Dilute the water-based LM products 4-5 parts product to one part water. Apply at 100-150 ft.<sup>2</sup>/gal. and allow to dry approximately one hour. The solvent-based ALL SEASON products do not need to be diluted and should also be applied at 100-150 ft.<sup>2</sup>/gal. AIR-SHIELD LMP, AIR-SHIELD LSR, and AIR-SHIELD TMP typically do not require a prime coat.

### APPLICATION - MEMBRANE

**SPRAY:** Several coats may be required to obtain the recommended thickness without excessive running or slumping of the wet membrane in hot weather. Allow the first coat to dry approximately one hour before application of the second coat.

**NOTE:** MEL-ROL LM and AIR-SHIELD LM can be sprayed easily when the material temperature is 40° F or above.

The material temperature of AIR-SHIELD LMP, AIR-SHIELD LSR, and AIR-SHIELD TMP should be 40° F or above to be successfully sprayed; AIR-SHIELD LM (ALL SEASON) and MEL-ROL LM (ALL SEASON) can be applied below 40° F.

Filter is recommended for use in applications of AIR-SHIELD LMP, AIR-SHIELD LSR, and AIR-SHIELD TMP. The filter is not needed for applications of AIR-SHIELD LM, AIR-SHIELD LM (ALL SEASON), MEL-ROL LM, and MEL-ROL LM (ALL SEASON).

**ROLLER:** Material can be roller applied if a 3/4" minimum nap roller is used. Several coats will typically be required to obtain the desired thickness. Allow the first coat to dry thoroughly before second coat is applied. Foam-type rollers or shorter naps should not be used, as they will simply slide on the substrate. Rinse and store all rollers used for water-based products in a container of water when not in use. This is necessary, as the material will cure very quickly on the rollers if allowed to "dry out." If this does occur, the rollers will need to be discarded or cleaned with solvent and allowed to dry thoroughly prior to reuse.

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# INSTALLATION INSTRUCTIONS

## SPRAYER EQUIPMENT GUIDELINES FOR W. R. MEADOWS FLUID-APPLIED MEMBRANES

### EQUIPMENT SUMMARY CHART

WRM PRODUCT	Water-Based (W/B) Or Solvent-Based (S/B)	Sprayer Type	Hose	Gun	Spray Tip***
AIR-SHIELD LM	W/B	Graco GH 833 or Hydra Max 350	Rated for 4000 psi	Graco Heavy Duty Texture	Graco GHD 551 (0.051")
MEL-ROL LM	W/B	Graco GH 833 or Hydra Max 350	Rated for 4000 psi	Graco Heavy Duty Texture	Graco GHD 551 (0.051")
AIR-SHIELD LMP	W/B	Graco GH 833 or Hydra Max 350	Rated for 4000 psi	Graco Heavy Duty Texture	Graco GHD 551 or 637 (0.051" or 0.037")
AIR-SHIELD LSR	W/B	Graco GH 833 or Hydra Max 350	Rated for 4000 psi	Graco Heavy Duty Texture	Graco GHD 551 or 637 (0.051" or 0.037")
AIR-SHIELD LM (ALL SEASON)	S/B	Graco GH 833 or Hydra Max 350**	Rated for 4000 psi	Graco Heavy Duty Texture	Graco GHD 635 (0.035")
AIR-SHIELD TMP	W/B	Graco GH 833 or Hydra Max 350	Rated for 4000 psi	Graco Heavy Duty Texture	Graco GHD 551 or 637 (0.051" or 0.037")
MEL-ROL LM (ALL SEASON)	S/B	Graco GH 833 or Hydra Max 350**	Rated for 4000 psi	Graco Heavy Duty Texture	Graco GHD 635 (0.035")

\*\*OTHER TYPES OF STANDARD SPRAYERS ALSO ACCEPTABLE. \*\*\*TIPS SHOULD BE "REVERSIBLE" FOR EASY CLEANOUT.

### APPLICATION/CLEANUP

WRM PRODUCT	Primer Coat Dilution Ratio (Product : H2O)	Primer Coat Application Rate	Minimum Product Temperature (When Sprayed)	Membrane Application Method	Sprayer Cleanup
AIR-SHIELD LM	4-5 : 1	100-150 ft. <sup>2</sup> /gal.	40° F	Sprayer or 3/4" (min.) Nap Roller**	Water Flush First
MEL-ROL LM	4-5 : 1	100-150 ft. <sup>2</sup> /gal.	40° F	Sprayer or 3/4" (min.) Nap Roller**	Water Flush First
AIR-SHIELD LMP	N/A	N/A	60° F	Sprayer or 3/4" (min.) Nap Roller**	Water Flush First
AIR-SHIELD LSR	N/A	N/A	60° F	Sprayer or 3/4" (min.) Nap Roller**	Water Flush First
AIR-SHIELD LM (ALL SEASON)	No Dilution Needed	100-150 ft. <sup>2</sup> /gal.	60° F	Sprayer or 3/4" (min.) Nap Roller**	Solvent Flush First
AIR-SHIELD TMP	N/A	N/A	60° F	Sprayer or 3/4" (min.) Nap Roller**	Water Flush First
MEL-ROL LM (ALL SEASON)	No Dilution Needed	100-150 ft. <sup>2</sup> /gal.	60° F	Sprayer or 3/4" (min.) Nap Roller**	Solvent Flush First

\*\*DO NOT USE FOAM OR SHORTER NAP ROLLERS.



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## INSTALLATION INSTRUCTIONS SPRAYER EQUIPMENT GUIDELINES FOR W. R. MEADOWS FLUID-APPLIED MEMBRANES

### EQUIPMENT CLEANUP

#### WATER-BASED PRODUCTS:

- Solvents must NOT come in contact with the liquid emulsion AIR-SHIELD LM and MEL-ROL LM products while in the sprayer, as they will immediately break the emulsion and plug up the entire sprayer system.
- Before starting to spray, the sprayer MUST be flushed with clean water.
- When spraying is complete, material must NOT be left in the pump, lines or gun as the MEL-ROL/AIR-SHIELD emulsions will quickly begin to break and cure in the equipment. When finished spraying, WATER ONLY should be PROMPTLY flushed through the system until pump and hose run clear. Do NOT add soap to the flush water, as it too will break the emulsion. “Simple Green” cleaner is the only cleaner found that can be used successfully.
- When spraying is complete, solvents, including xylene, toluene, mineral spirits, paint thinner, gasoline, etc., must NOT be used for the INITIAL flushing of the system. These solvents will break the emulsion and clog the system
- Aromatic solvents (xylene or toluene) are recommended for the FINAL flushing AFTER water has been flushed through the pump and lines. If solvent is pumped through the system after being flushed with water, all equipment MUST be flushed with water before spraying emulsion. All traces of solvent MUST be completely removed. Note: Aromatic solvent may be used to soak and clean the pump housing, gun, and tips. Solvents can be left in the sprayer for short durations (days) to aid in cleaning of the system. Solvents left in the sprayer for extended periods may begin to degrade the seals and hose. Again, all traces of solvent MUST be removed prior to using the equipment with the water-based emulsion products.

#### SOLVENT-BASED, ALL SEASON PRODUCTS:

- While the ALL SEASON products are stable in the sprayer, once spraying is complete, solvents should be flushed through the system until pump and hose run clear. Aromatic solvents (xylene or toluene) work best, but mineral spirits, paint thinner, etc., can also be used. Solvents can be left in the sprayer for short periods of time, but should NOT be allowed to remain in the sprayer for extended periods of time, as they may begin to degrade the seals and hose.
- When switching from a solvent-based to a water-based product: After flushing with solvent, water MUST be flushed through the ENTIRE system until all traces of solvent have been removed. When beginning to spray a water-based emulsion product, if ANY solvent remains in the sprayer, the pump, hose, gun, and spray tips WILL CLOG and will need to be cleaned out.



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MasterFormat: 07 14 16

AUGUST 2009  
(Supersedes November 2005)

## MEL-ROL® LM (ALL SEASON)

### Single-Component, Liquid-Applied, Polymer-Modified Waterproofing Membrane

#### DESCRIPTION

MEL-ROL LM (ALL SEASON) is a single-component, polymer-modified, cold-applied, liquid waterproofing membrane ideal for below-grade vertical seamless waterproofing applications. MEL-ROL LM (ALL SEASON) is formulated with the same high quality rubber polymers found in MEADOWS' successful MEL-ROL "peel and stick" membrane, converting them into a heavy-bodied, high solids, quick drying liquid membrane. The liquid-membrane technology allows faster installation times using either a spray or roller application.

#### USES

MEL-ROL LM (ALL SEASON) can be used on new and remedial waterproofing applications on both concrete and masonry block substrates.

#### FEATURES/BENEFITS

- Waterproof/Very low vapor permeability (perm rating).
- All weather application/Can be applied down to 10° F (-12° C).
- Superior elongation/Bridges minor cracks and will not become brittle with age.
- Excellent adhesion and bond/Water will not run beneath the membrane.
- Single component/Eliminates two-component mixing problems.
- Easy to apply/Apply with roller or airless sprayer.
- Low-cost application equipment. (See recommended spraying equipment section.)
- No heating/Eliminates fire hazards associated with heating kettles.
- Low VOC/Content is <400 g/L.

#### PACKAGING

5 Gallon (18.93 Liter) Pails  
55 Gallon (208.20 Liter) Drums\*  
\*Special order only

#### LEED INFORMATION

May help contribute to LEED credits:

- EA Credit 1: Optimize Energy Performance
- EQ Credit 3.1: Construction IAQ Management Plan: During Construction
- MR Credit 5.1: Regional Materials: 10% Extracted, Processed & Manufactured Regionally
- MR Credit 5.2: Regional Materials: 20% Extracted, Processed & Manufactured Regionally

#### APPLICATION

**Surface Preparation** ... All surfaces must be clean (free of all coatings and curing compounds), free of frost, relatively smooth, and structurally sound. Patch any bug holes, tie holes, large gaps, or cracks with MEADOW-PATCH® 5 or MEADOW-PATCH 20 from W. R. MEADOWS. All loose laitance, such as dirt, dust, loose stones, debris, etc., must be swept or blown clean from the substrate.

NOTE: Do not apply to "green" (fresh) concrete. Concrete must be cured a minimum of 14 days prior to application. Do not use with insulated concrete forms (ICFs). Polystyrene insulation boards may be used only after membrane has thoroughly cured a minimum of 72 hours, and there is no danger of residual solvent degrading the boards.

All shrinkage cracks less than 1/16" (0.16 cm) should be pretreated with a 60 mil (1.52 mm) wet coat of MEL-ROL LM (ALL SEASON) at 6" (15.24 cm) wide. All cracks greater than 1/16" (0.16 cm) should be pretreated with DETAIL STRIP from W. R. MEADOWS prior to application of the membrane.

#### PRIMING

To reduce blistering on concrete surfaces, a thin coat of MEL-ROL LM (ALL SEASON) may be required. Using a roller or sprayer, prime the entire concrete surface to be waterproofed, with a single coat, at a coverage rate of 100-150 ft.<sup>2</sup>/gal. Allow the primer to dry, which is approximately 1 - 2 hours, depending on jobsite conditions (temperature, humidity, air flow, etc.). As the primer is allowed to warm by exposure to sunlight, the surface of the concrete will de-gas, helping to eliminate problems with blistering of the membrane.

**CONTINUED ON THE REVERSE SIDE...**

#### W. R. MEADOWS, INC.

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HAMPSHIRE, IL / CARTERSVILLE, GA / YORK, PA

FORT WORTH, TX / BENICIA, CA / POMONA, CA

## DETAILING

After surface preparations are finished, detailing should be completed. The recommended membrane thickness is 120 mils (3.04 mm) wet for inside and outside corners, non-moving cracks, and hairline cracks, as well as around drains and penetrations.

**Roller Application ... MEL-ROL LM (ALL SEASON)** can be applied directly from the container using a  $\frac{3}{4}$ " nap roller. Apply in multiple coats, each at a 40 mils (1.02 mm) wet thickness. Allow the previous coat to reach initial set prior to application of the next coat, which is approximately one (1) hour, depending on jobsite conditions (temperature, humidity, airflow, etc.).

**Sprayer Application ... NOTE: MEL-ROL LM (ALL SEASON) MUST BE A MINIMUM OF 60° F (15° C) WHEN SPRAYING.** Material will become very thick and difficult to spray at lower temperatures. MEL-ROL LM (ALL SEASON) must be stored in a heated trailer and/or passed through a heat exchanger for successful spraying.

**Equipment ... MEL-ROL LM (ALL SEASON)** is most effectively and efficiently applied by using either the Graco HydraMax 350 or the Graco GH833 Big Rig sprayer.

The Graco heavy-duty texture gun, with the 0.035" (Graco GHD535) heavy-duty switch tip, is recommended for the best results.

For detailed information on the recommended spray equipment, use, and cleanup, please refer to the W. R. MEADOWS sprayer equipment guide available on the building envelope page of [www.wrmeadows.com](http://www.wrmeadows.com) and the softbound catalog.

MEL-ROL LM (ALL SEASON) can be sprayed on vertical surfaces at a minimum coverage thickness of 80 mils (2.03 mm) wet [45 mils (1.14 mm) dry]. The recommended coating thickness can be achieved in a single coat; however, if product slumps due to temperature or substrate conditions, two coats [each at 40 mils (1.02 mm) wet] may be necessary. Apply the second coat after the first coat has dried, which is approximately one (1) hour, depending on jobsite conditions (temperature, humidity, airflow, etc.).

**Thickness Control ...** Frequently inspect surface with a wet mil gauge to ensure the recommended thickness is achieved, and that the thickness is consistent. Porous substrates or masonry block walls may require additional coats to obtain the recommended thickness.

## COVERAGE

Approximately 17-20 ft.<sup>2</sup>/gal. at 80 mils (2.03 mm) wet [45 mils (1.14 mm) dry]. Coverage depends on substrate type, weather, and application conditions.

## CLEANUP

Material should not be left in the pump, lines, or gun when finished spraying. Aromatic solvents such as xylene and toluene should be flushed through the sprayer until the pump and hose run clear.

**CAUTION: A final flush of the spraying equipment, with water, must be completed to remove any traces of solvent prior to spraying a water-based product. The presence of any residual solvent will cause the water-based product to solidify and clog the pump and hose.**

## PROTECTION

Allow membrane to cure a minimum of 48 hours prior to application of a protection course. Membrane should be covered within 30 days after application. Cover with PROTECTION COURSE, MEL-DRAIN™ or 10 mil PERMINATOR® from W. R. MEADOWS. A primer coat of POINTING MASTIC from W. R. MEADOWS can be used to secure the protection to the wall.

NOTE: Polystyrene insulation boards can be applied only if the membrane has thoroughly cured a minimum of 72 hours and all traces of residual solvent have evaporated. Failure to allow the 72-hour cure time, and complete solvent evaporation, may degrade the boards.

## BACKFILLING

Allow membrane to cure 48 hours prior to backfilling.

## SHELF LIFE (TYPICAL)

Twelve (12) months in original, unopened container. Store at 40-90° F (4-32° C).

## PRECAUTIONS

For exterior use only. Use with adequate ventilation. Do not apply MEL-ROL LM (ALL SEASON) if rainfall is forecast or imminent within two hours of application. Do not apply to ICFs. Sprayed urethane foams should not be applied over MEL-ROL LM (ALL SEASON). These foams can melt the membrane and cause delamination and failure due to the exothermic reaction that takes place after application. A complete drain tile system should be placed around the exterior of footing and under slabs, as required. The use of MEL-ROL LM (ALL SEASON) does not negate the need for relief of hydrostatic heads.

## HEALTH AND SAFETY

FOR EXTERIOR USE ONLY. AVOID IGNITION SOURCES. AVOID PROLONGED BREATHING OF VAPORS. Use proper personal protective equipment, including chemical resistant gloves and eye and respiratory protection. Keep out of reach of children. Do not swallow. Should adverse effects occur, remove subject from area immediately. Refer to Material Safety Data Sheet for complete health and safety information. Flash point is 103° F (39° C).

For CAD details, most recent data sheet, further LEED information, and MSDS, visit [www.wrmeadows.com](http://www.wrmeadows.com).

## PHYSICAL PROPERTIES MEMBRANE

Color:	Black	
Solids, wt. %:	65	
Total Cure Time, hours:	48	
Application Temperature, °F, (°C) minimum:	10 (-12)	
Coverage, ft. <sup>2</sup> /gal.	17-20	
Shore "00" Hardness:	Pass	ASTM C 836
Adhesion to Concrete:	Exceeds Requirements	ASTM C 836
Low Temp Flex & Crack Bridging:	Pass	ASTM C 836
Stability:	Exceeds Requirements	ASTM C 836
Tensile Strength, psi:	30	ASTM D 412
Elongation, %:	1000	ASTM D 412
Water Absorption @ 72 hours, %:	<0.5	ASTM D 1970
WVT, perms:	0.06	ASTM E 96, B



**LIMITED WARRANTY**

W. R. MEADOWS, INC. warrants at the time and place we make shipment, our material will be of good quality and will conform with our published specifications in force on the date of acceptance of the order. Read complete warranty. Copy furnished upon request.

**Disclaimer**

The information contained herein is included for illustrative purposes only, and to the best of our knowledge, is accurate and reliable. W. R. MEADOWS, INC. cannot however under any circumstances make any guarantee of results or assume any obligation or liability in connection with the use of this information. As W. R. MEADOWS, INC. has no control over the use to which others may put its product, it is recommended that the products be tested to determine if suitable for specific application and/or our information is valid in a particular circumstance. Responsibility remains with the architect or engineer, contractor and owner for the design, application and proper installation of each product. Specifier and user shall determine the suitability of products for specific application and assume all responsibilities in connection therewith.



# SAFETY DATA SHEET

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Product:** MEL-ROL<sup>®</sup> LM (ALL SEASON) **Part Number:** 6516000  
**Manufacturer:** W. R. MEADOWS, INC. **Address:** 300 Industrial Drive  
 Hampshire, Illinois 60140  
**Telephone:** (847) 214-2100 **In case of emergency, dial (800) 424-9300 (CHEMTREC)**  
**Revision Date:** 4/20/2020  
**Product Use:** Liquid Applied Water-Proofing Membrane

## SECTION 2: HAZARDS IDENTIFICATION/EXPOSURE LIMITS

HMIS	HAZARD STATEMENTS
	<b>WARNING!</b>
Health	1   Flammable Liquid and vapor.
Flammability	2   Causes skin, eye, respiratory irritation.
Reactivity	0   Suspected of causing genetic defects.
Personal Protection	Causes damage to liver, kidneys, lungs, and blood. Harmful if inhaled. May be fatal if ingested and enters airway.
	<b>PRECAUTIONARY STATEMENTS</b>
	Use only in well-ventilated areas. Avoid breathing vapors and direct contact. Store in well-ventilated location. Wear appropriate personal protective equipment. Keep away from ignition sources. Control vapors in confined spaces utilizing mechanical ventilation.



## SECTION 3: HAZARDS COMPONENTS

Chemical Name:	CAS Number	% by Weight	SARA 313	Vapor Pressure (mm Hg@20°C)	LEL (@25°C)
1. Xylene	1330-20-7	1-5	Yes	6.6	1.1
2. Light Aromatic Naphtha	64742-95-6	20-25	No	<10 @ 25°C	0.9
3. Petroleum Asphalt	8052-42-4	30-35	No	N/A	N/A
4. Petroleum Oil	64742-52-5	5-10	No	N/A	N/A
5. 1,2,4-Trimethylbenzene	95-63-6	5-10	Yes	N/A	0.9

N/A = Not Applicable

Under the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1966 (SARA) and 40 CFR Part 372, chemicals listed on the 313 List (40 CFR Part 373.65) are identified under the heading "SARA 313."

## SECTION 4: EMERGENCY AND FIRST AID PROCEDURES

**EYE CONTACT:** Move victim from exposure source and into fresh air. Flush eyes with water for Fifteen (15) minutes. If symptoms persist, seek medical attention.  
**SKIN CONTACT:** Wash affected areas with mild soap and water. Product may be difficult to remove. Do not use petroleum solvents.  
**INHALATION:** If respiratory symptoms develop, move victim from exposure source and into fresh air. If symptoms persist, seek medical attention.  
**INGESTION:** Not anticipated to be an exposure route. If ingested, do not induce vomiting. Dilute by giving victim water or milk. Seek immediate medical attention.  
**MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND CHRONIC:** See Section Eleven for Symptoms/Effects.

## SECTION 5: FIRE AND EXPLOSIVES HAZARDS

**FLASHPOINT:** 150 °F (Method 1010 A-M)  
**EXTINGUISHING MEDIA:** Water fog, foam, dry chemical, or carbon dioxide.  
**CHEMICAL/COMBUSTION HAZARDS:** Oxides/compounds of nitrogen/sulfur, carbon dioxide, carbon monoxide, and incomplete combustion products.  
**PRECAUTIONS/PERSONAL PROTECTIVE EQUIPMENT:** Avoid direct contact. Use of eye protection and chemical-resistant gloves is recommended. Respiratory protection may be required if excessive vapor concentrations are present.



# SAFETY DATA SHEET

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6516000

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**SPILL OR LEAK PROCEDURES:** Evacuate the hazard area of unprotected personnel. Remove/extinguish ignition sources. Dike and contain. Wear appropriate personal protective equipment. Place spilled material in sealed/marked containers for disposal.

## SECTION 7: HANDLING AND STORAGE

**SAFE HANDLING PROCEDURES:** Avoid direct contact. For exterior use only. Avoid ignition sources.

**SAFE STORAGE:** Keep containers closed when not in use. Store away from ignition sources.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Chemical Name:	OSHA					ACGIH			
	PEL	PEL/CEILING	PEL/STEL	SKIN	TWA	TLV/CEILING	TLV/STEL	SKIN	
1. Xylene	100 ppm	N/E	N/E	N/E	100 ppm	N/E	150 ppm	N/E	
2. Light Aromatic Naphtha	N/E	N/E	N/E	N/E	N/E	N/E	N/E	N/E	
3. Petroleum Asphalt	5 mg/m <sup>3*</sup>	N/E	N/E	N/E	5 mg/m <sup>3*</sup>	N/E	N/E	N/E	
4. Petroleum Oil	5 mg/m <sup>3*</sup>	N/E	N/E	N/E	5 mg/m <sup>3*</sup>	N/E	10 mg/m <sup>3*</sup>	N/E	
5. 1,2,4-Trimethylbenzene	25 ppm	N/E	N/E	No	25 ppm	N/E	N/E	No	

\* : Asphalt Fumes      \* : Petroleum Oil mist in air      N/E: Not Established

**ENGINEERING CONTROLS:** Use with adequate ventilation. Use explosion-proof equipment.

**PERSONAL PROTECTIVE EQUIPMENT:** Safety glasses, chemical-resistant gloves.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>BOILING POINT:</b> 284°F	<b>VAPOR DENSITY:</b> >1 (air=1)	<b>% VOLATILE BY VOLUME:</b> N/E
<b>EVAPORATION RATE:</b> <1 (ether=1)	<b>pH LEVEL:</b> N/A	<b>% VOLATILE BY WEIGHT:</b> 36 (approximate)
<b>WEIGHT PER GALLON:</b> 8.62	<b>PRODUCT APPEARANCE:</b> Black, Heavy Liquid	<b>VOC CONTENT:</b> 371 g/L
<b>ODOR:</b> Mild Organic	<b>ODOR THRESHOLD:</b> N/D	<b>MELTING/FREEZING POINT:</b> N/D
<b>FLASH POINT:</b> See Section 5	<b>FLAMMABILITY:</b> N/D	<b>UEL/LEL:</b> N/D
<b>VAPOR PRESSURE:</b> N/D	<b>RELATIVE DENSITY:</b> N/D	<b>SOLUBILITY:</b> N/D
<b>PARTITION COEFFICIENT:</b> N/D	<b>AUTOIGNITION TEMPERATURE:</b> N/D	<b>DECOMPOSITION TEMPERATURE:</b> N/D
<b>VISCOSITY:</b> N/D	<i>N/D: Not Determined</i>	

## SECTION 10: STABILITY/REACTIVITY

**STABILITY:** Stable.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**CONDITIONS AND MATERIALS TO AVOID:** Oxidizing agents, strong acids, strong alkalies.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon dioxide, carbon monoxide, oxides/compounds of nitrogen/sulfur, and incomplete combustion products.

## SECTION 11: TOXICOLOGICAL INFORMATION

**EYE CONTACT:** Direct contact may result in moderate irritation. Product vapors/mists may also cause irritation.

**SKIN CONTACT:** Direct contact may cause mild skin irritation. Prolonged/repeated contact may result in skin irritation/dermatitis.

**INHALATION:** Exposure to excessive vapor concentrations may result in transient central nervous system depression (headache, fatigue, drowsiness, loss of coordination). Intentional misuse by deliberately concentrating/inhaling vapors may be harmful or fatal. Repeated/prolonged occupational exposures to solvents may cause permanent brain and nervous system damage.

**INGESTION:** Not anticipated to be an exposure route. Ingestion will cause irritation of the digestive tract.

**SIGNS AND SYMPTOMS:** Symptoms of eye irritation include tearing, reddening, and swelling. Symptoms of skin irritation include redness and swelling. Gastrointestinal irritation symptoms include nausea, vomiting, and abdominal discomfort. Symptoms of respiratory irritation include runny nose, sore throat, coughing, chest discomfort, shortness of breath, and reduced lung function. Symptoms of transient central nervous system depression include: headache, fatigue, drowsiness, dizziness, and loss of coordination.

**AGGRAVATED MEDICAL CONDITIONS:** Pre-existing skin, eye, and respiratory disorders may be aggravated by exposure to this product.

**OTHER HEALTH EFFECTS:** Xylene may cause damage to the following organs: blood, kidneys, lungs, liver, mucous membranes, heart, upper respiratory tract, auditory system, central nervous system, and eyes. Some asphalts may possess weak carcinogenic activity. Repeated direct skin contact should be avoided. Occasional contact with asphalt is not expected to have serious health effects as long as good personal hygiene measures are followed.

## SECTION 12: ECOLOGICAL INFORMATION

**ECOTOXICITY:** N/E

**DEGRADABILITY:** N/E

**BIOACCUMULATIVE POTENTIAL:** N/E

**SOIL MOBILITY:** N/E

**OTHER ADVERSE EFFECTS:** N/E

## SAFETY DATA SHEET

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### SECTION 13: WASTE DISPOSAL INFORMATION

**WASTE DISPOSAL INFORMATION:** Product will be classified as a hazardous waste (D001). Suitable for fuel blending.

### SECTION 14: TRANSPORTATION INFORMATION

**HAZARDOUS/NON-HAZARDOUS MATERIAL:** Not regulated by domestic ground shipment.

**UN NUMBER:** None

**HAZARD CLASS:** None

**PACKING GROUP:** None

**UN PROPER SHIPPING NAME:** None.

**ENVIRONMENTAL HAZARDS:** None recognized.

**BULK TRANSPORTATION INFORMATION:** Not applicable. Product not supplied in bulk configuration.

**SPECIAL PRECAUTIONS:** None.

### SECTION 15: REGULATORY INFORMATION

**OTHER REGULATORY CONSIDERATIONS:** None recognized.

### SECTION 16: OTHER INFORMATION

**PREPARATION DATE:** 4/20/2020

**PREPARED BY:** Dave Carey

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*The information contained herein is based on the data available to us and is believed to be correct. However, we make no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injury from the use of this product described herein.*

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# GUIDE SPECIFICATION FOR MEL-ROL® LM (ALL SEASON): LIQUID APPLIED WATERPROOFING MEMBRANE

SECTION 07140

FLUID APPLIED WATERPROOFING MEMBRANE SYSTEM

Specifier Notes: This guide specification is written according to the Construction Specifications Institute (CSI) format. The section must be carefully reviewed and edited by the architect or engineer to meet the requirements of the project. Coordinate this section with other specification sections and the drawings.

Specifier Notes: W. R. MEADOWS® MEL-ROL® LM (ALL SEASON) waterproofing system is a single-component, polymer-modified, cold-applied, liquid waterproofing membrane ideal for vertical waterproofing applications. MEL-ROL LM (ALL SEASON) can be used on new and remedial waterproofing applications on concrete or masonry block substrates. Application can be performed in colder weather when water-based products cannot be used.

## PART 1 GENERAL

### 1.01 SECTION INCLUDES

- A. Surface preparation.
- B. Application of single-component, cold-applied, liquid waterproofing membrane.

### 1.02 RELATED SECTIONS

Specifier Notes: Edit the list of related sections as required for the project. List other sections dealing with work directly related to this section.

- A. Section 03 30 00 – Cast-in-Place Concrete.
- B. Section 04 20 00 – Unit Masonry.
- C. Section 07 13 26 – Self-Adhering Sheet Waterproofing.
- D. Section 07 21 00 – Thermal Insulation.
- E. Section 07 60 00 – Flashing and Sheet Metal.
- F. Section 07 92 00 – Joint Sealants.
- G. Section 33 46 13 - Foundation Drainage.

### 1.03 REFERENCES

- A. ASTM D146-97 - Standard Test Methods for Sampling and Testing Bitumen-Saturated Felts and Fabrics Used in Roofing and Waterproofing.
- B. ASTM D412-98a(2002)e1 - Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers-Tension.
- C. ASTM E96-00e1 (Method B) - Standard Test Methods for Water Vapor Transmission of Materials.

- D. ASTM D1228 - Methods of Testing Asphalt Insulating Siding Surfaced with Mineral Granules.
- E. ASTM C836 - Standard Specification for High Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane for Use with Separate Wearing Course.
- F. ASTM D1970-01 - Standard Specification for Self-Adhering Polymer Modified Bituminous Sheet Materials Used as Steep Roofing Underlayment for Ice Dam Protection.

#### 1.04 SUBMITTALS

- A. Comply with Section 01330 - Submittal Procedures.
- B. Submit manufacturer's product data and application instructions.

#### 1.05 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Store materials in a clean, dry area in accordance with manufacturer's instructions.
- C. Store the material at room temperature or heat material to a minimum of 50°F (10 °C) prior to application.
- D. Ensure concrete has been cured for a minimum of 14 days prior to application.
- E. Do not store at temperatures above 90° F (32° C) for extended periods.
- F. Protect materials during handling and application to prevent damage or contamination.

#### 1.06 ENVIRONMENTAL REQUIREMENTS

- A. Product not intended for uses subject to abuse or permanent exposure to the elements.
- B. Do not apply membrane when air, material, or surface temperatures are expected to fall below 10° F (-12° C) within four hours of completed application.
- C. Do not apply membrane if rainfall is forecast or imminent within two hours.
- D. Do not apply to frozen concrete.
- E. For spray applications, ensure material has been stored at room temperature or heated to a minimum of 50° F (10° C) prior to application.

### PART 2 PRODUCTS

#### 2.01 MANUFACTURER

- A. W. R. MEADOWS, INC., PO Box 338, Hampshire, Illinois 60140-0338. (800) 342-5976. (847) 683-4500. Fax (847) 683-4544. Web Site [www.wrmeadows.com](http://www.wrmeadows.com).

#### 2.02 MATERIALS

- A. Waterproofing Membrane: A single-component, polymer-modified, cold-applied, liquid waterproofing membrane.
  - 1. Performance Based Spec: Waterproofing membrane shall have the following properties as determined by laboratory testing:
    - a. Color: Black
    - b. Solids: 65 %

- c. Total Cure Time: 48 hours
- d. Shore "00" Hardness, ASTM C836: Passes
- e. Adhesion to Concrete, ASTM C836: Exceeds
- f. Low Temperature Flex and Crack Bridging, ASTM C836: Passes
- g. Stability, ASTM C836: Exceeds
- h. Tensile Strength, ASTM D412: 30 psi
- i. Elongation, ASTM D412: 1000%
- j. Water Absorption, ASTM D1970: <0.5%
- k. Water Vapor Transmission, ASTM E96 (Method B): 0.06 perms

2. Proprietary Based Spec:

- a. MEL-ROL LM (ALL SEASON) Waterproofing System by W. R. MEADOWS.

2.03 ACCESSORIES

- A. Concrete Repair Materials: MEADOW-PATCH™ 5 AND 20 CONCRETE REPAIR MORTARS.
- B. Waterproofing Protection Course: PERMINATOR® 10 mil or PC-1 PROTECTION COURSE.
- C. Rolled Matrix Drainage System: MEL-DRAIN™.
- D. Reinforced Self-Adhesive Joint Tape: DETAIL STRIP

PART 3 EXECUTION

3.01 EXAMINATION

- A. Examine surfaces to receive membrane. Notify architect if surfaces are not acceptable. Do not begin surface preparation or application until unacceptable conditions have been corrected.

3.02 SURFACE PREPARATION

- A. Protect adjacent surfaces not designated to receive waterproofing.
- B. Clean and prepare surfaces to receive waterproofing in accordance with manufacturer's instructions.
- C. Do not apply waterproofing to surfaces unacceptable to manufacturer.
- D. Concrete surfaces must be clean, relatively smooth, and free of standing water.
- E. Patch all holes and voids and smooth out any surface misalignments.
- F. Remove and patch all concrete form ties.
- G. Pre-treat all shrinkage cracks less than 1/16" with a 60-mil coat of material 6" (1.5 mm) wide.
- H. Pre-treat all cracks greater than 1/16" with reinforced self-adhesive tape, as approved by manufacturer, prior to application of the membrane.
- I. Apply primer coat of membrane diluted 4:1 with water if necessary to reduce blistering on concrete surfaces at a coverage rate of 100-150 ft.<sup>2</sup>/U.S. gal (13.9 m<sup>2</sup>/3.78 L) by spraying or rolling.
- J. Allow primer coat to dry before proceeding to membrane application.

### 3.03 APPLICATION

- A. Apply waterproofing membrane system in accordance with manufacturer's instructions.
- B. Thoroughly mechanically mix membrane prior to application.
- C. Apply membrane by spray or roller at a minimum coverage rate of 20-25 ft.<sup>2</sup>/U.S. gal (1.9-2.3 m<sup>2</sup>/3.78 L) providing a thickness of 80 wet mils.
- D. Frequently inspect surface area with a wet mil gauge to ensure consistent thickness.
- E. Ensure membrane coverage is 120 mils for inside/outside corners and non-moving and hairline cracks, as well as around drains and penetrations.
- F. Work material into any fluted rib forming indentations.
- G. Cured thickness of membrane should be 45 mils dry.
- H. Avoid use of products which contain tars, solvents, pitches, polysulfide polymers, or PVC materials that may come into contact with waterproofing membrane system.

### 3.04 PROTECTION

- A. Protect membrane with application of waterproofing protection course, drainage board, or other approved material after a minimum of 48 hours.
- B. Backfill immediately using care to avoid damaging waterproofing membrane system.

END OF SECTION



Master Format: 07 13 26

**FEBRUARY 2022**  
 (Supersedes October 2013)

## MEL-ROL®

### Rolled, Self-Adhering Waterproofing Membrane

#### DESCRIPTION

MEL-ROL waterproofing system is a flexible, versatile, dependable, bituminous, roll-type waterproofing membrane. It is a 60 mil-membrane composed of a nominally 56 mil thick layer of polymeric waterproofing membrane on a heavy duty, four-mil thick, cross-laminated polyethylene carrier film. The two components are laminated together under strict quality-controlled production procedures.

A handy overlap guideline is printed 2 ½" (63.5 mm) in from the material edge on each side to assure proper overlap coverage and to assist in maintaining a straight application. Special exposed polymeric membrane strips are provided on both sides for positive membrane-to-membrane adhesion in the overlap area. The membrane strips are protected by a pull-off release strip. All components of the MEL-ROL waterproofing system work together to provide a cost-effective, positive waterproofing system that's quick and easy to apply.

W. R. MEADOWS accessory products included in the MEL-ROL waterproofing system are: BEM, MEL-ROL LIQUID MEMBRANE, MEL-PRIME™ adhesive (solvent-based and water-based), POINTING MASTIC, DETAIL STRIP, CATALYTIC BONDING ASPHALT, TERMINATION BAR, PROTECTION COURSE and MEL-DRAIN™ drainage board.

#### USES

MEL-ROL waterproofing system provides a cost-effective answer to properly waterproof foundations, vertical walls, and below-grade floors in residential and commercial construction. It is equally effective for use as between-the-slab waterproofing on plaza decks, parking decks, and structural slabs. Use it as a waterproofing membrane to isolate mechanical and electronic rooms, laboratories, kitchens, and bathrooms. MEL-ROL offers positive protection when "wrapped around" major rapid transit, vehicular, utility, and pedestrian tunnel projects. MEL-ROL can also be used on insulated concrete

forms (ICF). MEL-ROL can be applied to concrete, masonry surfaces, wood, insulated wall systems, and metal.

Installation of PROTECTION COURSE from W. R. MEADOWS is recommended before backfilling. MEL-ROL can also be used with drainage boards when specified.

#### FEATURES/BENEFITS

- Provides cost-effective, flexible, versatile, dependable, positive waterproofing protection against damaging moisture migration and the infiltration of free water.
- Offers a quick and easy-to-apply system for maximum productivity.
- Special membrane-to-membrane adhesion provides additional overlap security.
- Meets or exceeds the test requirements of all currently applicable specifications.
- Components work together for positive waterproofing protection.
- Handles with ease on the jobsite.
- Available in a low temperature version for use when air and surface temperatures are between 20° F (-7° C) and 60° F (16° C). An extra-low temp version is also available, ideal for application in extra-low temperatures down to 0° F (-18° C).

#### PACKAGING

38.5" (977.9 mm) wide x 62.5' (19.1 m) long, one roll per carton.

#### COVERAGE

Provides 200 ft.<sup>2</sup> (18.6 m<sup>2</sup>) per roll. Gross coverage is 200 ft.<sup>2</sup> (18.6 m<sup>2</sup>). [Net coverage is 187.5 ft.<sup>2</sup> (17.4 m<sup>2</sup>) with overlap of 2 ½" (63.5 mm).]

#### SPECIFICATIONS

- A.R.E.M.A.® Specifications Chapter 29, Waterproofing
- LARR Report 26022

#### APPLICATION

**Surface Preparation ...** Concrete should be cured at least 72 hours, be clean, dry, smooth, and free of voids. Repair spalled areas; fill all voids and remove all sharp protrusions.

**CONTINUED ON THE REVERSE SIDE...**

#### W. R. MEADOWS, INC.

P.O. Box 338 • HAMPSHIRE, IL 60140-0338  
 Phone: 847/214-2100 • Fax: 847/683-4544  
 1-800-342-5976  
 www.wrmeadows.com • info@wrmeadows.com

HAMPSHIRE, IL / CARTERSVILLE, GA / YORK, PA  
 FORT WORTH, TX / BENICIA, CA / POMONA, CA  
 GOODYEAR, AZ / MILTON, ON / SHERWOOD PARK, AB

**MEL-ROL COMBINES POSITIVE WATERPROOFING PROTECTION WITH EASE OF HANDLING**

**EXCLUSIVE FEATURES**

A handy overlap guideline is printed 2 ½” (63.5 mm) in from the material edge on each side, assuring proper overlap coverage and assisting in maintaining a straight application. The polymeric waterproofing membrane is protected by a special, easy-to-remove release paper. The exposed membrane strips on the material edges are protected by a pull-off release strip. Exposed polymeric membrane strips are provided on both sides of MEL-ROL for positive membrane-to-membrane adhesion in the overlap area ... Note the detail, as shown in inset photo.

TECHNICAL DATA		
PROPERTY	TYPICAL VALUE	TEST METHOD
COLOR ... Carrier Film Polymeric Membrane	White Black	
THICKNESS ... Carrier Film Polymeric Membrane	4 mils 56 mils	
TENSILE STRENGTH ... Carrier Film Membrane	5900 psi min. (40.71 MPa) 460 psi (3230 KPa)	ASTM D 412 (Die C)
ELONGATION	971.3%	ASTM D 412
LOW TEMP CRACK BRIDGING 100 Cycle -25° F (-32° C)	Pass	ASTM C 836
PEEL ADHESION	11.8 lb./in. (2068 N/m)	ASTM D 903
LAP ADHESION	8.62 lbf/in. (1508.5 N/m)	ASTM D 1876
WATER VAPOR PERMEABILITY ASTM E-96, B	0.036 Perms	
WATER ABSORPTION	0.1%, 72 hrs. max.	ASTM D570
HYDROSTATIC RESISTANCE	Equiv. to 230.9' (70.38 m) of water	ASTM D 5385
PUNCTURE RESISTANCE	50 lbf (222 N)	ASTM E154
EXPOSURE TO FUNGI	Pass, 16 weeks	Soil Test
FLEXIBILITY @ -20° F (-29° C)	Pass	ASTM D 1970

**MEL-ROL IS QUICK AND EASY TO APPLY**

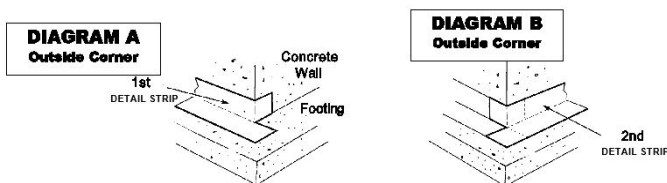
**Temperature** ... Apply in dry, fair weather when the air and surface temperatures are above 40° F (4° C). Do not apply to frozen concrete.

MEL-ROL LOW TEMP can be used when air and surface temperatures are between 20° F (-7° C) and 60° F (16° C).

**Surface Conditioning** ... Apply MEL-PRIME adhesive to surfaces that will be covered within one working day. If left exposed overnight, additional adhesive must be applied. Follow all instructions and precautions on containers. All substrates must be clean, dry, and free of all surface irregularities.

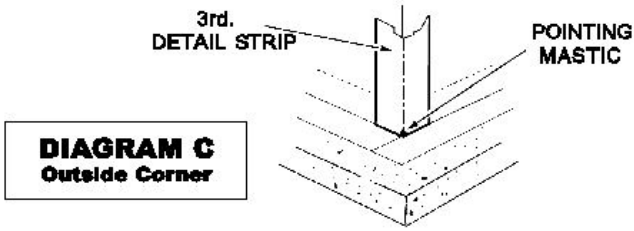
**Footing Details** ... Use DETAIL STRIP for impaction sheet coverage. First, fold strips lengthwise and then cut at the fold. Material is then ready to install as 4 ½” (114.3 mm) strips on either side of the rebar. Any excess can be turned down on the face of the footing. Next, fill the voids around rebars in the keyway with CATALYTIC BONDING ASPHALT. Pour the walls. Install DETAIL STRIP horizontally along the wall where it meets the footing, placing half the material up the wall and the other half onto the footing. Extend the material 4 ½” (114.3 mm) beyond outside corners. Slit extended portion of DETAIL STRIP lengthwise. Place the horizontal flap out onto the footing and bend the vertical flap around the wall. (See Diagram A.) Repeat this procedure in the opposite direction as shown in Diagram B.

**Horizontal Application** ... REMOVE release paper from MEL-ROL from the top edge of the roll and firmly press exposed area to the wall. Remove the release paper from the rolls in a downward direction, pressing MEL-ROL into place on the wall. Remove release paper on edge, then position the MEL-ROL membrane. Pull balance of release paper off, running the roll from low to high points, so all laps will shed water. Stagger end laps and overlap all seams at least 2 ½” (63.5 mm). Apply a double-thickness of the MEL-ROL membrane over construction, control, all expansion joints and over cracks greater than 1/16” (1.59 mm) wide.





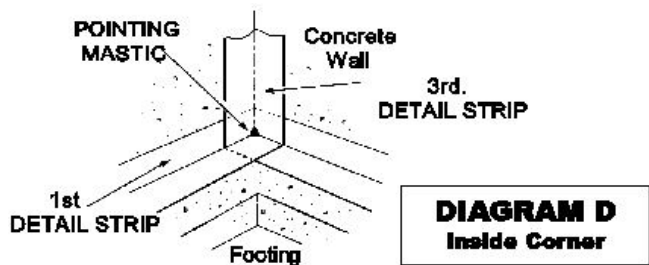
**Vertical Wall Application ...** Masonry walls may require the application of a cementitious parge-coat. Allow the parge-coat to dry before priming and applying MEL-ROL. When applied, the parge-coat will produce a smooth, uniform, and well-bonded surface. Remove release paper, then apply vertically in lengths approximately 8' (2.44 m) long over the top of the horizontal DETAIL STRIP at the footing. Overlap seams at least 2 1/2" (63.5 mm). Tightly butt edges of membrane and apply POINTING MASTIC in corner applications. (See Diagram C.)



To the top terminations, apply POINTING MASTIC at least 1/8" (3.18 mm) thick and 1" (25.4 mm) wide. As an option, TERMINATION BAR may be used to mechanically fasten the membrane.

**Hand-Rub and Roll Press ...** Once positioned, immediately hand-rub the MEL-ROL membrane firmly to the surface, removing any bubbles or wrinkles, then pressure roll the complete surface to assure positive adhesion.

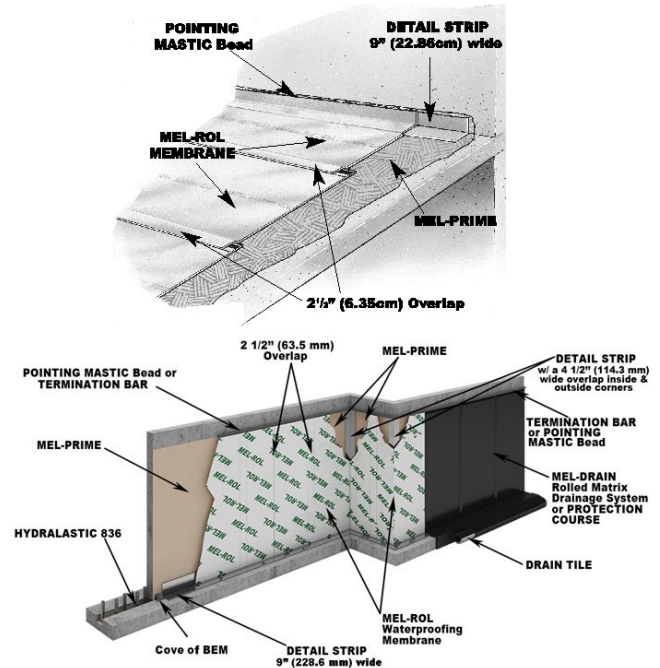
**Inside Corners ...** Before MEL-ROL is applied, place a vertical DETAIL STRIP on inside corners extending the material 4 1/2" (114.3 mm) beyond each side of the corner. (See Diagram D.) Terminate at the footing and finish the corner with POINTING MASTIC.



**Outside Corners ...** Bend DETAIL STRIP vertically over the outside corner and extend 4 1/2" (114.3 mm) beyond each side of the corner. Terminate the material at the footing. Finish the corner with POINTING MASTIC. (See Diagram C.)

If MEL-ROL is proposed to be used in place of DETAIL STRIP, contact W. R. MEADOWS Technical Services to determine the suitability of the installation.

**Drains and Protrusions ...** All protrusions should be sealed with two layers of membrane applied at least 6" (152.4 mm) in all directions. Seal all terminations with POINTING MASTIC. Around drains, apply two layers of MEL-ROL and put a bead of POINTING MASTIC between the membrane and clamping rings and at all terminations, drains, and protrusions. See ASTM D 5898.



**Inspect and Repair ...** A thorough inspection should be made before covering and all necessary repairs made immediately. Tears and inadequate overlaps should be covered with MEL-ROL ... slit fish mouths and patch. Seal edges of all patches with POINTING MASTIC. Where applicable, horizontal applications can be flood-tested for 24 hours. All leaks should be marked and repaired when membrane dries.

**Protect the Membrane ...** on all vertical and horizontal installations with the immediate application of PROTECTION COURSE if no drainage system is used, or MEL-DRAIN. To secure PROTECTION COURSE, use POINTING MASTIC as an adhesive, and/or physically attach at the top edge using TERMINATION BAR. Backfilling should be done immediately, using care and caution to avoid damaging the waterproofing application.

**PRECAUTIONS**

Avoid the use of products that contain tars, solvents, pitches, polysulfide polymers, or flexible PVC and vinyl materials that may come into contact with MEL-ROL. As part of a complete waterproofing solution, W. R. MEADOWS recommends proper site drainage, but due to certain site conditions this sometimes cannot be done effectively. Proper design and suitability of the use of MEL-ROL should be at the discretion of the design consultant.

## ACCESSORIES

**MEL-PRIME W/B** ... This water-based adhesive prepares surfaces for MEL-ROL application. Applies easily with manual sprayer or roller; VOC-compliant. MEL-PRIME W/B is for use at temperatures of 40° F (4° C) and up.

COVERAGE: 150 - 200 ft.<sup>2</sup>/gal. (3.7 - 4.9 m<sup>2</sup>/L)

PACKAGING: 1 Gallon (3.79 Liter) Units (4 units per carton), 5 Gallon (18.93 Liter) Pails

**MEL-PRIME** ... This solvent-based adhesive is for use at temperatures of 25° F (-4° C) and above. Apply by roller.

COVERAGE: 250-350 ft.<sup>2</sup>/gal. (6.14 to 8.59 m<sup>2</sup>/L)

PACKAGING: 5 Gallon (18.93 Liter) Pails

**MEL-PRIME N.E.** ... MEL-PRIME N.E. solvent-based VOC adhesive is a ready-to-use adhesive specifically formulated to meet the maximum VOC content limits of 200 g/L for quick dry primers as required by VOC regulations in the northeastern U.S.

COVERAGE: 150 - 250 ft.<sup>2</sup>/gal.

PACKAGING: 1 Gallon Can, 5 Gallon Pail

**MEL-ROL LIQUID MEMBRANE** ... A two-component material used as a flashing to form fillets at corners and at protrusions. May be used as a substitute for POINTING MASTIC. Product can also be used in between walls and footings in lieu of DETAIL STRIP.

COVERAGE: As a fillet, approximately 135 lineal feet per gallon (10.87 m per liter) PACKAGING: 1 Gallon (3.79 Liter) Units, 4 Units per carton.

**BEM** ... BEM can be used as a fillet to round out 90° angles, such as the wall-footing connection, and can be used as a substitute for MEL-ROL LIQUID MEMBRANE.

COVERAGE: As a fillet, approximately 135 lineal ft./gal. (10.9 m/L). PACKAGING: 28 Oz. (828 mL) Cartridges (12 per Carton)

**POINTING MASTIC** ... Used as an adhesive and for sealing top edge terminations on DETAIL STRIP and membrane, and to adhere PROTECTION COURSE.

COVERAGE: 1/8" x 1" x 200'/gal. (3.18 mm x 25.4 mm x 16.10 ml). PACKAGING: 5 Gallon (18.93 Liter) Pails, 29 Oz. (857.65

**CATALYTIC BONDING ASPHALT** ... Easy-to-apply, one-component material for sealing around rebar.

COVERAGE: 5 gal./1000 ft.<sup>2</sup>/gal. (4.9 m<sup>2</sup>/L) PACKAGING: 5 Gallon (18.93 Liter) Pails.

**DETAIL STRIP** ... Convenient, easy-to-use DETAIL STRIP provides an economical and effective method for sealing vertical and horizontal butt joints, i.e. inside or outside corners and where walls and footings meet.

PACKAGING: 9" x 50' (.23 x 15.24 m) roll, 4 rolls per carton.

**PROTECTION COURSE** ... Use for vertical and horizontal applications. Adhere with POINTING MASTIC or use mechanical fasteners.

PACKAGING: 4' x 8' (1.22 x 2.44 m) panels.

**MEL-DRAIN** ... is a dimple-raised molded polystyrene fabric designed to provide high flow capacity to reduce hydrostatic pressure buildup around waterproofing and vaporproofing membranes. Choice of drain types are available for vertical, horizontal, and site applications. Use MEL-PRIME to condition surface prior to application of MEL-DRAIN.

**TERMINATION BAR** ... is a high strength, pre-formed, multi-purpose, plastic strip designed to support vertical membrane systems and PROTECTION COURSE at their termination point.

PACKAGING: 10' (Holes every 6" o/c, 2" from either end), 25 pieces per carton.

## MAINTAIN ENERGY EFFICIENCY

Wet insulating materials lose much of their "R" factor performance characteristics, reducing the energy efficiency of the structure. W. R. MEADOWS thermal and moisture protection products play a key role in *maintaining* the structure's energy efficiency and aiding in the integrity of other structural systems, such as insulation.

For CAD details, most recent data sheet, further LEED information, and SDS, visit [www.wrmeadows.com](http://www.wrmeadows.com).



### LIMITED WARRANTY

W. R. MEADOWS, INC. warrants at the time and place we make shipment, our material will be of good quality and will conform with our published specifications in force on the date of acceptance of the order. Read complete warranty. Copy furnished upon request.

### Disclaimer

The information contained herein is included for illustrative purposes only, and to the best of our knowledge, is accurate and reliable. W. R. MEADOWS, INC. cannot however under any circumstances make any guarantee of results or assume any obligation or liability in connection with the use of this information. As W. R. MEADOWS, INC. has no control

over the use to which others may put its product, it is recommended that the products be tested to determine if suitable for specific application and/or our information is valid in a particular circumstance. Responsibility remains with the architect or engineer, contractor and owner for the design, application and proper installation of each product. Specifier and user shall determine the suitability of products for specific application and assume all responsibilities in connection therewith.



# SAFETY DATA SHEET

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

**Product:** MEL-ROL® **Part Number:** 5110060  
**Manufacturer:** W. R. MEADOWS, INC. **Address:** 300 Industrial Drive  
 Hampshire, Illinois 60140  
**Telephone:** (847) 214-2100 **In case of emergency, dial (800) 424-9300 (CHEMTREC)**  
**Revision Date:** 8/15/2019  
**Product Use:** Waterproofing Membrane

## SECTION 2: HAZARDS IDENTIFICATION/EXPOSURE LIMITS

### HMIS

<b>  Health  </b>	0	Product is classified as non-hazardous per OSHA 1910.1200. Mel-Rol is defined by OSHA as an "article." A manufactured item that is formed to a specific shape or design during manufacture that does not release or result in exposure to a hazardous chemical under normal use conditions.
<b>  Flammability  </b>	1	
<b>  Reactivity  </b>	0	
<b>  Personal Protection  </b>		

## SECTION 3: HAZARDS COMPONENTS

<u>Chemical Name:</u>	<u>CAS Number</u>	<u>% by Weight</u>	<u>SARA 313</u>	<u>Vapor Pressure (mm Hg@20°C)</u>	<u>LEL (@24°C)</u>
1. Petroleum Asphalt	8052-42-4	55-60	No	N/A	N/A

*N/A = Not Applicable*

Under the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1966 (SARA) and 40 CFR Part 372, chemicals listed on the 313 List (40 CFR Part 373.65) are identified under the heading "SARA 313."

## SECTION 4: EMERGENCY AND FIRST AID PROCEDURES

**EYE CONTACT:** Not expected to be an exposure route.  
**SKIN CONTACT:** Wash affected areas with soap and water if available.  
**INHALATION:** Not expected to be an exposure route.  
**INGESTION:** Not expected to be an exposure source.  
**MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND CHRONIC:** See Section Eleven for Symptoms/Effects.

## SECTION 5: FIRE AND EXPLOSIVES HAZARDS

**FLASHPOINT:** Not applicable; product is a solid.  
**EXTINGUISHING MEDIA:** Water fog, foam, dry chemical.  
**CHEMICAL/COMBUSTION HAZARDS:** Oxides and compounds of nitrogen/sulfur.  
**PRECAUTIONS/PERSONAL PROTECTIVE EQUIPMENT:** Avoid smoke inhalation. Use appropriate respiratory protection.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

**SPILL OR LEAK PROCEDURES:** Not applicable. Product is a solid.

## SECTION 7: HANDLING AND STORAGE

**SAFE HANDLING PROCEDURES:** Avoid direct contact.  
**SAFE STORAGE:** Prevent job-site damage.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Chemical Name:</u>	OSHA				ACGIH			
	<u>PEL</u>	<u>PEL/CEILING</u>	<u>PEL/STEL</u>	<u>SKIN</u>	<u>TLV</u>	<u>TLV/CEILING</u>	<u>TLV/STEL</u>	<u>SKIN</u>
1. Petroleum Asphalt	5 mg/m <sup>3</sup> *	N/E	N/E	No	0.5 mg/m <sup>3</sup> *	N/E	N/E	N/E

**ENGINEERING CONTROLS:** None required under normal use conditions.  
**PERSONAL PROTECTIVE EQUIPMENT:** Safety glasses, chemical-resistant gloves. *N/E = Not Established* \*: Asphalt Fumes

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>BOILING POINT:</b> N/A	<b>VAPOR DENSITY:</b> N/A	<b>% VOLATILE BY VOLUME:</b> N/A
<b>EVAPORATION RATE:</b> N/A	<b>pH LEVEL:</b> N/A	<b>% VOLATILE BY WEIGHT:</b> N/A
<b>WEIGHT PER GALLON:</b> N/A	<b>PRODUCT APPEARANCE:</b> Black Solid	<b>VOC CONTENT:</b> N/A
<b>ODOR:</b> Mild Asphaltic	<b>ODOR THRESHOLD:</b> N/D	<b>MELTING/FREEZING POINT:</b> N/D
<b>FLASH POINT:</b> See Section 5	<b>FLAMMABILITY:</b> N/D	<b>UEL/LEL:</b> N/D
<b>VAPOR PRESSURE:</b> N/D	<b>RELATIVE DENSITY:</b> N/D	<b>SOLUBILITY:</b> N/D
<b>PARTITION COEFFICIENT:</b> N/D	<b>AUTOIGNITION TEMPERATURE:</b> N/D	<b>DECOMPOSITION TEMPERATURE:</b> N/D
<b>VISCOSITY:</b> N/D		<i>N/D: Not Determined</i>

# SAFETY DATA SHEET

Date of Preparation: 8/15/19	Page 2 of 2	5112060
<b>SECTION 10: STABILITY/REACTIVITY</b>		
STABILITY: Stable. HAZARDOUS POLYMERIZATION: Will not occur.		
CONDITIONS AND MATERIALS TO AVOID: None recognized.		
HAZARDOUS DECOMPOSITION PRODUCTS: None recognized.		
<b>SECTION 11: TOXICOLOGICAL INFORMATION</b>		
EYE CONTACT: Direct contact may cause mild irritation.		
SKIN CONTACT: Direct contact may cause slight skin irritation.		
INHALATION: Not anticipated to be an exposure route.		
INGESTION: Not anticipated to be an exposure route.		
SIGNS AND SYMPTOMS: Symptoms of eye irritation include tearing, reddening, and swelling. Symptoms of skin irritation include redness and swelling. Gastrointestinal irritation symptoms include nausea, vomiting, and abdominal discomfort.		
AGGRAVATED MEDICAL CONDITIONS: None recognized.		
OTHER HEALTH EFFECTS: None recognized.		
<b>SECTION 12: ECOLOGICAL INFORMATION</b>		
ECOTOXICITY: N/E	DEGRADABILITY: N/E	BIOACCUMULATIVE POTENTIAL: N/E
SOIL MOBILITY: N/E	OTHER ADVERSE EFFECTS: None Recognized	
<b>SECTION 13: WASTE DISPOSAL INFORMATION</b>		
WASTE DISPOSAL INFORMATION: Product is classified as a non-hazardous waste.		
<b>SECTION 14: TRANSPORTATION INFORMATION</b>		
HAZARDOUS/NON-HAZARDOUS MATERIAL: Not regulated by DOT.		
UN NUMBER: None	HAZARD CLASS: N/A	PACKING GROUP: N/A
UN PROPER SHIPPING NAME: N/A		
ENVIRONMENTAL HAZARDS: None recognized.		
BULK TRANSPORTATION INFORMATION: None.		
SPECIAL PRECAUTIONS: None.		
<b>SECTION 15: REGULATORY INFORMATION</b>		
OTHER REGULATORY CONSIDERATIONS: None recognized.		
<b>SECTION 16: OTHER INFORMATION</b>		
PREPARATION DATE:	8/15/2019	
PREPARED BY:	Dave Carey	

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*The information contained herein is based on the data available to us and is believed to be correct. However, we make no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injury from the use of this product described herein.*

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# GUIDE SPECIFICATION FOR MEL-ROL: ROLLED, SELF ADHERING WATERPROOFING MEMBRANE

SECTION 07 13 26

## SELF-ADHERING SHEET WATERPROOFING

Specifier Notes: This guide specification is written according to the Construction Specifications Institute (CSI) MasterFormat 2010. The section must be carefully reviewed and edited by the Architect or Engineer to meet the requirements of the project. Coordinate this section with other specification sections and the drawings.

Specifier Notes: W.R. Meadows SEALTIGHT® MEL-ROL® waterproofing system is a flexible, versatile, dependable, roll-type waterproofing membrane. It is composed of a nominally 56 mil thick layer of polymeric waterproofing membrane on a heavy duty, 4 mil thick, cross-laminated polyethylene carrier film. The two components are laminated together under strict quality-controlled production procedures. A handy overlap guideline is printed 2 ½" (63.5 mm) in from the material edge on each side to assure proper overlap coverage and to assist in maintaining a straight application. Special exposed polymeric membrane strips are provided on both sides for positive membrane-to-membrane adhesion in the overlap area. The membrane strips are protected by a pull-off release strip.

MEL-ROL waterproofing system provides a cost-effective answer to properly waterproof foundations, vertical walls and below-grade floors in residential and commercial construction. It is equally effective for use as between-the-slab waterproofing on plaza decks, parking decks and structural slabs. Use it as a waterproofing membrane to isolate mechanical and electronic rooms, laboratories, kitchens and bathrooms. MEL-ROL offers positive protection when "wrapped around" major rapid transit, vehicular, utility and pedestrian tunnel projects. MEL-ROL can also be used on insulated concrete forms (ICF).

### PART 1 GENERAL

#### 1.01 SECTION INCLUDES

- A. Surface preparation.
- B. Application of rolled, self-adhering waterproofing membrane system.

#### 1.02 RELATED SECTIONS

Specifier Notes: Edit the list of related sections as required for the project. List other sections dealing with work directly related to this section.

- A. Section 03 30 00 - Cast-in-Place Concrete.
- B. Section 07 21 00 – Thermal Insulation.
- C. Section 07 60 00 – Flashing and Sheet Metal.
- D. Section 07 92 00 – Joint Sealants.
- E. Section 33 46 00 - Subdrainage.

#### 1.03 REFERENCES

- A. American Railway Engineering & Maintenance of Way Association (AREMA) Specification Chapter 29 - Waterproofing.

- B. ASTM D146 - Standard Test Methods for Sampling and Testing Bitumen-Saturated Felts and Fabrics Used in Roofing and Waterproofing.
- C. ASTM D412 - Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers-Tension.
- D. ASTM D570 - Standard Test Method for Water Absorption of Plastics.
- E. ASTM D903 - Standard Test Method for Peel or Stripping Strength of Adhesive Bonds.
- F. ASTM D1876 – Standard Test Method for Peel Resistance of Adhesives. (T-Peel Test).
- G. ASTM D1970 - Standard Specification for Self-Adhering Polymer Modified Bituminous Sheet Materials Used as Steep Roofing Underlayment for Ice Dam Protection.
- H. ASTM E96 (Method B) - Standard Test Methods for Water Vapor Transmission of Materials.
- I. ASTM E154 - Standard Test Methods for Water Vapor Retarders Used in Contact with Earth Under Concrete Slabs, on Walls, or as Ground Cover.

#### 1.04 SUBMITTALS

- A. Comply with Section 01 33 00 - Submittal Procedures.
- B. Submit manufacturer's product data and application instructions.

#### 1.05 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Store materials in a clean dry area in accordance with manufacturer's instructions.
- C. Store adhesives and primers at temperatures of 40°F (5°C) and above to facilitate handling.
- D. Store membrane cartons on pallets.
- E. Do not store at temperatures above 90°F (32°C) for extended periods.
- F. Keep away from sparks and flames.
- G. Completely cover when stored outside. Protect from rain.
- H. Protect materials during handling and application to prevent damage or contamination.
- I. Avoid use of products which contain tars, solvents, pitches, polysulfide polymers, or PVC materials that may come into contact with waterproofing membrane system.

#### 1.06 ENVIRONMENTAL REQUIREMENTS

- A. Product not intended for uses subject to abuse or permanent exposure to the elements.
- B. Protect rolls from direct sunlight until ready for use
- C. Do not apply membrane when air or surface temperatures are below 40°F (4°C).
- D. Do not apply to frozen concrete.

## PART 2 PRODUCTS

### 2.01 MANUFACTURER

- A. W.R. MEADOWS, Inc., PO Box 338, Hampshire, Illinois 60140-0338. (800) 342-5976. (847) 683-4500. Fax (847) 683-4544. Web Site www.wrmeadows.com.

### 2.02 MATERIALS

- A. Rolled, Self-Adhering Waterproofing Membrane: Polymeric waterproofing membrane protected by release paper on cross-laminated polyethylene carrier film with exposed polymeric membrane strips on both sides protected by pull-off release strips.
1. Performance Based Specification: Waterproofing membrane shall have the following characteristics:
    - a. Compliance: AREMA Specification Chapter 29 - Waterproofing.
    - b. Thickness:
      - 1) Carrier Film: 4 mils.
      - 2) Polymeric Membrane: 56 mils.
    - c. Tensile Strength, ASTM D412, Die C:
      - 1) Carrier Film: 5,900 psi (40.71 MPa) minimum.
      - 2) Polymeric Membrane: 460 psi (3.23 MPa) minimum.
    - d. Elongation, ASTM D412, Die C: Polymeric Membrane: 971 % minimum.
    - e. Peel Adhesion, ASTM D903: 11.8 lbf/in. (2068 N/m).
    - f. Lap Adhesion, ASTM D1876: 8.62 lbf/in. (1508 N/m)
    - g. Water Vapor Permeability, ASTM E96, Method B: 0.036 perms.
    - h. Water Absorption, ASTM D570: 0.1 percent, 72 hours maximum.
    - i. Resistance to Hydrostatic Head: Equivalent to 230.9 feet (70.3 m) of water.
    - j. Puncture Resistance, ASTM E154: 48.2 lbf (214.6 N).
    - k. Exposure to Fungi, Soil Test: Pass, 16 weeks.
    - l. Color:
      - 1) Carrier Film: White.
      - 2) Polymeric Membrane: Black.
  2. Proprietary Based Specification: MEL-ROL Waterproofing System by W.R. MEADOWS.

Specifier Notes: Select one of the following MEL-ROL products based on air and surface temperatures during time of application.

- a. MEL-ROL: For use at temperatures of 40°F (4°C) and above.
- b. MEL-ROL LT (Low Temperature): For use at temperatures of 20°F (-7°C) to 60°F (16°C).
- c. MEL-ROL XLT (Extra Low Temperature): For use at temperatures of 0°F (-18°C) to 60°F (16°C).

### 2.03 ACCESSORIES

- A. Surface Conditioner:
  1. Temperatures Above 40°F (4°C): Mel-Prime Water Base Primer.
  2. Temperatures Above 0°F (-18°C): Mel-Prime VOC Compliant Solvent Base Primer or Standard Solvent Base Primer.
- B. Flashing and Fillets: MEL-ROL LIQUID MEMBRANE.
- C. Pointing Mastic: POINTING MASTIC.
- D. Termination Bar: TERMINATION BAR.
- E. Corner Tape: DETAIL STRIP.
- F. Waterproofing Protection Course: PROTECTION COURSE
- G. Rolled Matrix Drainage System: MEL-DRAIN Rolled Matrix Drainage System.

## PART 3 EXECUTION

### 3.01 EXAMINATION

- A. Examine surfaces to receive self-adhering membrane. Notify Architect if surfaces are not acceptable. Do not begin surface preparation or application until unacceptable conditions have been corrected.

### 3.02 SURFACE PREPARATION

- A. Protect adjacent surfaces not designated to receive waterproofing.
- B. Clean and prepare surfaces to receive waterproofing in accordance with manufacturer's instructions.
- C. Do not apply waterproofing to surfaces unacceptable to manufacturer.
- D. Concrete surfaces must be clean, smooth and free of standing water.
- E. Patch all holes and voids and smooth out any surface misalignments.
- F. Apply surface conditioner to surfaces that will be covered within one working day according to manufacturer's recommended coverage rates.
- G. Install corner tape on all inside and outside corners, including the footing.
- H. Apply a 9" (229 mm) strip of self-adhering membrane over construction, control and expansion joints and over cracks greater than 1/16" (1.59 mm) wide.
- I. Seal all terminations with pointing mastic.

### 3.03 APPLICATION

Specifier Notes: Select A (Horizontal Application), or B (Vertical Application) based on project requirements
---

- A. Horizontal Application
  1. Apply waterproofing membrane system in accordance with manufacturer's instructions.
  2. Ensure accessory materials are compatible with membrane and approved by membrane manufacturer.
  3. Remove release paper on edge, then position the membrane.
  4. Pull balance of release paper off, running the roll from low to high points, so all laps will shed water.
  5. Immediately hand-rub the membrane firmly to the surface, removing any bubbles or wrinkles, then pressure roll the complete surface to assure positive adhesion.
  6. Stagger end laps and overlap all seams at least 2 1/2" (63.5 mm).
  7. Seal all terminations with pointing mastic.
  8. Inspect membrane before covering and repair as necessary. Cover tears and inadequate overlaps with membrane. Seal edges of patches with pointing mastic.
  9. Perform flood testing of horizontal applications, as required. Mark leaks and repair when membrane dries.
- B. Vertical Application
  1. Apply waterproofing membrane system in accordance with manufacturer's instructions.



2. Ensure accessory materials are compatible with membrane and approved by membrane manufacturer.
3. Remove release paper on edge and position the membrane.
4. Pull balance of release paper off, running the roll vertically over the top of the corner tape at the footing.
5. Immediately hand-rub the membrane firmly to the surface, removing any bubbles or wrinkles, then pressure roll the complete surface to assure positive adhesion.
6. Overlap all seams and stagger end laps at least 2 ½" (63.5 mm).
7. Seal all terminations with pointing mastic.
8. Inspect membrane before covering and repair as necessary. Cover tears and inadequate overlaps with membrane. Seal edges of patches with pointing mastic.

#### 3.04 PROTECTION

- A. Protect membrane on vertical and horizontal applications with immediate application of waterproofing protection course, rolled matrix drainage board.
- B. Backfill immediately using care to avoid damaging waterproofing membrane system.

END OF SECTION



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# INSTALLATION GUIDELINES MEL-ROL®

This document has been created as an addendum to the MEL-ROL technical data sheet to provide the recommended procedure to use when installing MEL-ROL self-adhesive waterproofing membrane from W. R. MEADOWS. The guide will cover recommended tools to use, surface preparation prior to membrane installation, and the membrane installation on both vertical and horizontal surfaces.

## TOOLS RECOMMENDED

- Utility knife
- Chalk line
- Stiff bristle broom
- 6' (1.8 m) broom handle or equivalent
- 1.5" (38.1 mm) or 2" (50.8 mm) margin trowel
- Medium nap (3/8" - 1/2") lambswool paint roller
- Tape measurer
- Gloves (solvent-resistant)
- Screwdriver
- Small diamond point trowel
- 35 lb. or heavier linoleum roller
- Hammer
- Rags
- Cleanup solvent similar to xylene or toluene or SEALTIGHT CLEANER or SEALTIGHT SOLVENT from W. R. MEADOWS

The above tools are enough to perform a proper installation; however, more tools may be used.

## W. R. MEADOWS MATERIALS NEEDED

- MEL-ROL self-adhesive waterproofing membrane
- MEL-PRIME, MEL-PRIME N.E., or MEL-PRIME W/B adhesive
- DETAIL STRIP
- POINTING MASTIC
- BEM
- PC protection board and/or MEL-DRAIN drainage board
- MEADOW-CRETE GPS
- MEADOW-PATCH 20



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## SURFACE PREPARATION

Concrete should be cured at least 72 hours, be clean, dry, smooth, and free of voids. Repair spalled areas; fill all voids and remove all sharp protrusions. Apply in dry, fair weather when the air and surface temperature are above 40° F (4° C). Do not apply to frozen concrete. MEL-ROL LOW TEMP can be used when air and surface temperatures are between 20° F (-7° C) and 60° F (16° C),

Apply MEL-PRIME adhesive to surfaces that will be covered within one working day. If left exposed overnight, additional adhesive must be applied. Follow all instructions and precautions on containers.

MEL-ROL can be applied to concrete, masonry surfaces, wood, insulated wall systems, and metal. All substrates must be clean, dry, and free of all surface irregularities.

Masonry walls may require the application of a cementitious parge-coat. Allow the parge-coat to dry before priming and applying MEL-ROL. When applied, the parge-coat will produce a smooth, uniform, and well-bonded surface. Apply MEL-PRIME to all areas to receive MEL-ROL.

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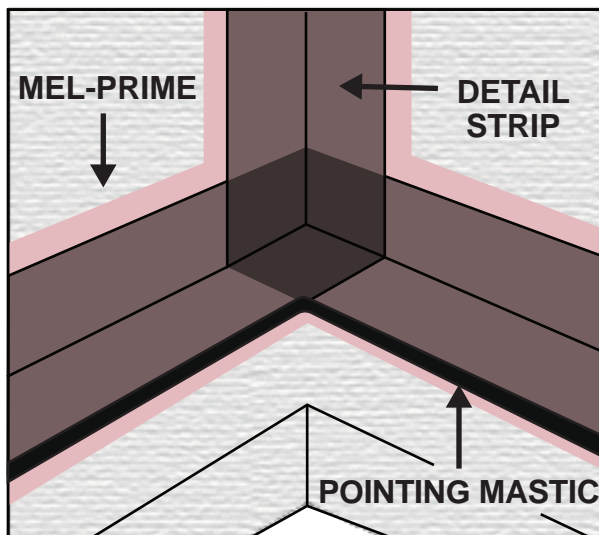
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# INSTALLATION GUIDELINES MEL-ROL®

## DETAILING

### INSIDE CORNERS

Before MEL-ROL is applied, place a vertical **DETAIL STRIP** on inside corners extending the material 4 ½" (114.3 mm) beyond each side of the corner. Terminate at the footing and finish the corner with **POINTING MASTIC**.



### OUTSIDE CORNERS

Bend **DETAIL STRIP** vertically over the outside corner and extend 4 ½" (114.3 mm) beyond each side of the corner. Terminate the material at the footing. Finish the corner with **POINTING MASTIC**.

### DRAINS AND PROTRUSIONS

All protrusions should be sealed by forming a collar of MEL-ROL or **DETAIL STRIP** applied at least 3" (76.2 mm) in all directions. Seal all terminations with **POINTING MASTIC**. Around drains, apply in the same method and put a bead of **POINTING MASTIC** between the membrane and clamping rings at all terminations, drains, and protrusions.



### FOOTING DETAILS

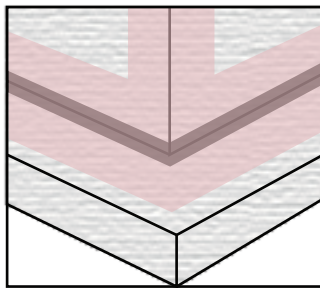
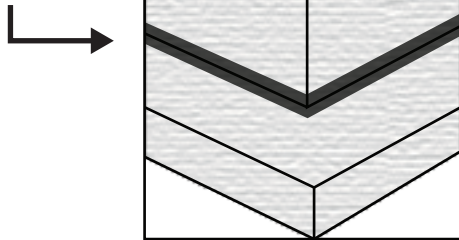
Fill 90° interior angles with a cove of BEM. Apply MEL-PRIME in all the inside and outside corners prior to installing **DETAIL STRIP**. Install **DETAIL STRIP** 4 ½" (114.3 mm) up the wall and 4 ½" (114.3 mm) on the footing. Extend the material 4 ½" (114.3 mm) beyond outside corners. Slit extended portion of **DETAIL STRIP** lengthwise. Place the horizontal flap out onto the footing and bend the vertical flap around the wall. Repeat this procedure in the opposite direction. Apply a bead of **POINTING MASTIC** on the exposed edge of installed **DETAIL STRIP** at footing. Please note: use **POINTING MASTIC** in place of BEM when using MEL-ROL XLT.



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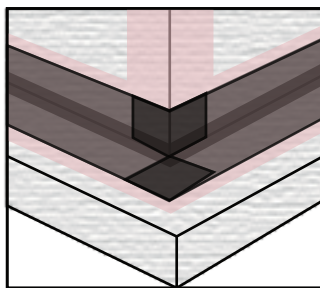
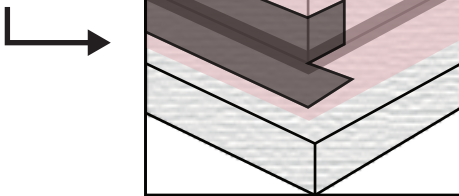
# INSTALLATION GUIDELINES MEL-ROL®

**1. Cove of BEM**



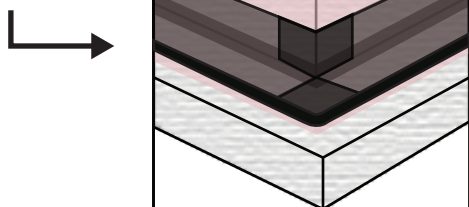
**2. MEL-PRIME**

**3. 1st  
DETAIL STRIP**



**4. 2nd  
DETAIL STRIP**

**5. POINTING  
MASTIC**



**VERTICAL WALL APPLICATION**

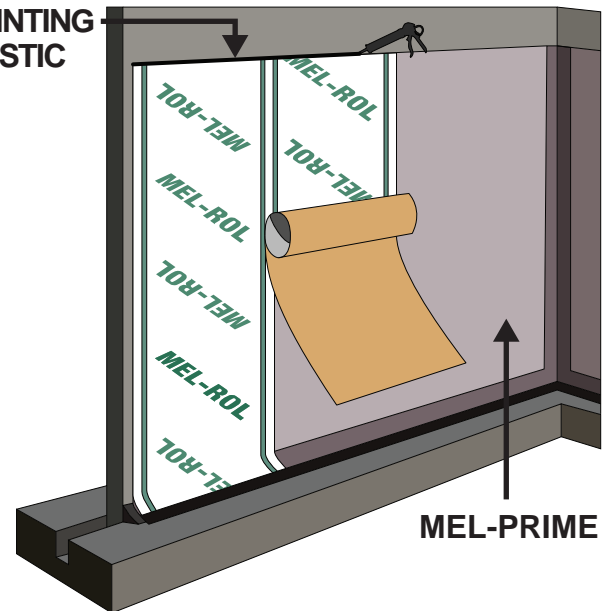
Remove the release paper, then apply vertically in lengths approximately 8' (2.44 m) long over the top of the horizontal DETAIL STRIP at the footing. Overlap the seams at least 2 1/2" (63.5 mm). Tightly butt edges of membrane and apply POINTING MASTIC in corner applications.

To aid in a proper overlap, position the membrane so that it covers the "W. R. MEADOWS" wording running along the edge.

Apply POINTING MASTIC to the top terminations at least 1/8" (3.18 mm) thick and 1" (25.4 mm) wide. As an option, TERMINATION BAR may be used to fasten and membrane mechanically.

Once positioned, immediately hand-rub the MEL-ROL membrane firmly to the surface removing any bubbles or wrinkles, then pressure roll the complete surface to assure positive adhesion. Apply POINTING MASTIC to the leading edge of the membrane at the end of each working day.

**POINTING  
MASTIC**



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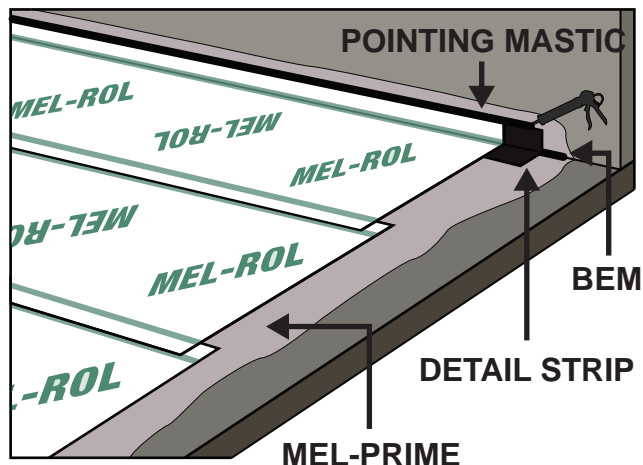
# INSTALLATION GUIDELINES MEL-ROL®

## HORIZONTAL APPLICATION

Remove the release paper on the edge, then position the MEL-ROL membrane. Pull the balance of the release paper off, running the roll from low to high points so that all the laps will shed water. Stagger end laps and overlap all seams at least 2 ½" (63.5 mm). All terminations of MEL-ROL must be detailed with a bead of POINTING MASTIC. Apply a double-thickness of the MEL-ROL membrane over construction, control, and all expansion joints and cracks greater than 1/16" (1.59 mm) wide.

Once positioned, immediately hand-rub the MEL-ROL membrane firmly to the surface removing any bubbles or wrinkles. Pressure roll the complete surface to assure positive adhesion.

A thorough inspection should be made before covering and all necessary repairs made immediately. Tears and inadequate overlaps should be covered with MEL-ROL. Slit fish mouths and patch. If flooding test is required, allow a minimum of 24 hours following the membrane installation. Flood testing should be performed accordingly to ASTM D5957.



## INSPECT AND REPAIR

A thorough inspection should be made before covering and all necessary repairs made immediately. Tears and inadequate overlaps should be covered with MEL-ROL. Slit fish mouths and patch. Seal edges of all patches with POINTING MASTIC. Where applicable, horizontal applications can be flood-tested for 24 hours. All leaks should be marked and repaired when membrane dries.

## PROTECT THE MEMBRANE

Immediately apply PROTECTION COURSE on all vertical and horizontal installations if no drainage system is used, or apply MEL-DRAIN. To secure PROTECTION COURSE, use POINTING MASTIC as an adhesive, and/or physically attach at the top edge using TERMINATION BAR.

When using MEL-DRAIN on a vertical wall application, align the first roll and mechanically fasten in place. Roll MEL-DRAIN down the wall, overlapping the footing. Continue MEL-DRAIN installation to cover installed MEL-ROL. Pull away the fabric layer of MEL-DRAIN to expose dimples. Install drainage tile and wrap excess fabric over the drainage tile. Install TERMINATION BAR and fasted at 12" on center to hold MEL-DRAIN in place and apply a bead of POINTING MASTIC on the top edge of the TERMINATION BAR.



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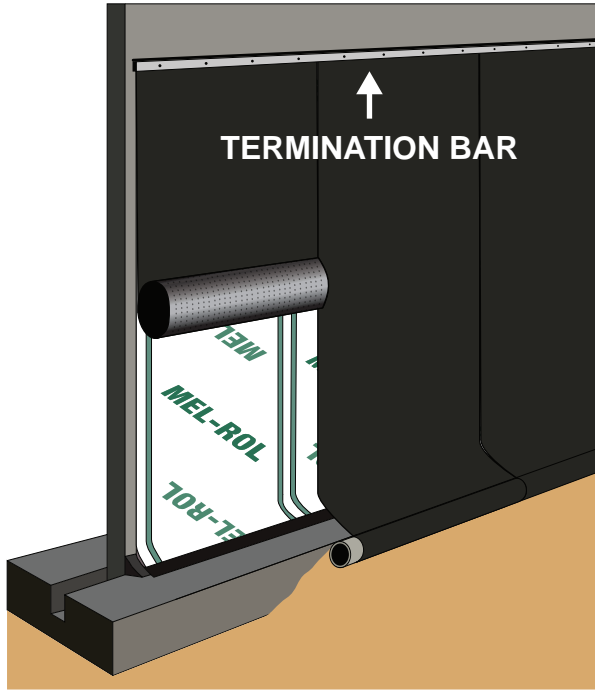
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# INSTALLATION GUIDELINES MEL-ROL®



Backfilling should be done immediately, using care and caution to avoid damaging the waterproofing application.

#### PRECAUTIONS

Avoid the use of products that contain tars, solvents, pitches, polysulfide polymers, or PVC materials that may come into contact with MEL-ROL. The use of MEL-ROL does not negate the need for relief of hydrostatic heads. A complete drain tile system should be placed around the exterior of footings and under slabs, as required.



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January 9, 2023

W. R. MEADOWS certifies the following information for MEL-ROL® Self-Adhering Waterproofing Membrane:

**LEED v4.0 - Building Product Disclosure and Optimization (MRc3 and MRc4):**

Manufacturing Location(s): Hampshire, IL 60140

Raw Material Extraction Point: Not Available

Recycled Content: 0%

**LEED v4.0 Low-Emitting Materials (EQc2):**

VOC Emissions: N/A - Classified as an exterior product. Not required per LEEDv4 EQc2.

VOC Content: N/A - Not a wet-applied product. Not required per LEEDv4 EQc2.

If field sampling and/or field or laboratory testing be required, W. R. MEADOWS cannot be held responsible for any cost incurred if this product is used prior to receipt of that approval.

Should you have any questions or require additional information, please feel free to contact Technical Services or your local W. R. MEADOWS Representative.

Sincerely,

A handwritten signature in black ink that reads "Kimberly Ann Lombardozi". The signature is written in a cursive, flowing style.

Kimberly Ann Lombardozi, LEED AP ID+C, WELL AP, fitwel Ambassador  
Sustainability Manager  
W. R. MEADOWS, INC.



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# A NEW HOME FOR BIOSCIENCE RESEARCH: W. R. MEADOWS on Campus at the University of Arizona





Pursuing the cutting edge in research and education has always been a focus at the University of Arizona—located in Tucson. And this intent was evident when the University first set out to build a new hub, on campus, to house bioscience research themes that included work on biosensors, bioimaging, bioinformatics, healthy aging, genomics technology, and precision medicine. The building itself is a joint collaboration between the University of Arizona Office for Research, Discovery, and Innovation and the University’s Department of Health Sciences. It was designed by ZGF Architects and BWS Architects, and the general contractor was DPR Construction.

The goal of the building was to house 50 faculty members and over 300 graduate students, post-docs, and technical support staff. Some of these individuals would be moving from other places on campus to pursue interdisciplinary research, and many would be new to the University—especially recruited because of the promise associated with this new space. The building was also set to be home to a clinical-certified genetics facility focused on testing tumor biopsies in order to set the best course of treatment for individual patients.

Ultimately, the demand for innovation was primary in this construction project. And the teams associated with the groundbreaking and realization of this building had to be able to rise to the challenge.

## A Trifecta of Beauty, Functionality, and Sustainability

With a price tag of \$107M and comprised of square footage equaling just over 140K, the new construction of this state-of-the-art facility began in 2015. It was significant in nature and involved many moving parts—and project teams. There was a need for collaboration, communication, and synergy alongside the requirement of hitting quality assurance targets. And it just so happened that W. R. MEADOWS happened to be listed in the construction specifications as a potential manufacturer who could get the job done.

*“An air barrier and numerous waterproofing products were needed for this project,” states Greg Neundorfer, the W. R. MEADOWS salesperson in charge of this project. “There were also multiple transitions between these products that needed to be addressed.”*

Whatever products used in this project had a tall order to meet; they had to work well with a variety of substrates.

## Creating the Foundation

Starting from the ground up, the first part of the project was centered on the foundation of the building.



“We were confronted with needing multiple forms of waterproofing,” explained Neundorfer. “The first was called blindside waterproofing, also known as pre-placed waterproofing. This is present when you are faced with having a hole in the ground that is the size of the building as opposed to being over-excavated. You are building the structure within the exact size of the building itself. So, you have to install a shoring system in order to keep the soil stable. Then, the waterproofing is placed and the concrete is cast against the waterproofing.”

It was Firestop Southwest, the waterproofing installer, who ultimately brought W. R. MEADOWS to the table with the University of Arizona. Ryan Olsen, originally the estimator and project manager for Firestop Southwest, and who ended up transitioning into a consulting role three months into the project with a third-party testing agency, explains.

“W. R. MEADOWS wasn’t originally in the specs, but we proposed using W. R. MEADOWS for the waterproofing membrane on both the below-grade and podium decks in lieu of what was specified. The specs, ultimately, had multiple products from varied manufacturers, but we thought it would be better to recommend all W. R. MEADOWS products. I went to U of A and presented to them, explaining what W. R. MEADOWS could do and why we should use them on this project. I told them all the benefits,” said Olsen.

The University of Arizona ended up agreeing with Olsen’s recommendation and awarded the bid.

*“I think that using all of the products together is a great benefit to the owner,” said Olsen. “If they ever have an issue, they only have one manufacturer to turn to for maintenance or warranties.”*

Another waterproofing product needed had to address positive-side below-grade waterproofing. This is when there is an over-excavated hole and the concrete is cast. The waterproofing is then applied from the back-fill side of the hole.

Finally, there was also a large breezeway/walkway area that was positioned over the top of the basement. This received two different types of products including a hot-applied material and a cold-applied material.

All in all, the blindside product was PRECON®, the positive-side below-grade was MEL-ROL™, the hot-applied



material was HRM 714, and the cold-applied material was HYDRALASTIC™ 836.

Tracy Smith and Henry Rocha, Vice President and Lead Installer, respectively, at Firestop Southwest, noted, “There are many factors that sets W. R. MEADOWS products apart from other competitors on the market—cost savings, ease of use, durability, and local warehousing. It’s a superior company. We have been in business for 18 years and using W. R. MEADOWS for 10 of those. We used so many different products with this project. And even though we have worked with other manufacturers, few compare to W. R. MEADOWS. [Their products] bond to anything you apply [them] to, and it is great with the Arizona heat.”





## A Challenge Arises

The below-grade vertical walls presented the first issue. “The substrates were a little tough,” stated Rocha. “The concrete wasn’t done correctly so it had to be repaired and replaced before we could put the waterproofing down. But Greg was on site the entire time and helped tremendously.”

“It was the manufacturer’s approval process for warranties that was utilized here,” said Smith. “Greg assessed the substrate for warranty, and everything was remedied.”

Brent Elliott, a Superintendent for DPR Construction, was responsible for handling the foundation structure, air barrier, waterproofing, and anything that had to do with the exterior envelope of the building, also reflected on the situation. “It was a big job,” he said. “We had to pour the foundation walls and then had to cast in place elevated slabs that also needed to be poured. So, we had to run the waterproofing up the walls, which then had to tie back into the frame walls. We also had to tie in an existing basement. We had Greg come out and work with us on the strategy here. There was so much going on. From the waterproofing standpoint, it was probably the most technical project I have ever been involved with.”

All in all, Firestop Southwest had a crew of six on site over the course of about a year. There were multiple stages with what the company was involved in and note that Neundorfer’s experience definitely assisted in the process.

*“We have a long history with [Greg]. He has been our local rep for a very long time. We love to work with him and have an excellent partnership with him,” said Rocha.*

Firestop Southwest also says that there was a considerable time savings experienced by their team, which led to an overhead and cost reduction. “Workers understand how to use the [products] and can handle them well. PRECON is especially easy to use and install. And for an installer, time savings is a huge benefit in this regard—it goes beyond material cost alone. If we can do single source and not have to have multiple manufacturers involved, that is a great perk, too,” said Rocha.

“I have worked with W. R. MEADOWS before,” continued DPR’s Elliott. “However, it was the first time I worked with Greg. He was always attentive. If it was an emergency or we had a question that needed an immediate answer, he would address it quickly. We didn’t have to put the brakes on and hold up the whole project to wait for him to get back to us.”

## The Exterior Façade

When it came to the air barrier installer on site, it was AK&J Sealants that was on the case. Brian Whited is a partner in the company and was the project manager for the University of Arizona's Bioscience Research Laboratory.

*"We have used W. R. MEADOWS air and vapor products—as well as their waterproofing products—on and off for several years now. The Air-Shield LMP is one of our go-to air and vapor products. So, when we were looking at the [U of A] project, that was the product that we referenced in order to price it," explained Whited. "I believe [W. R.] MEADOWS was actually our approved manufacturer in the spec when we put the pricing together."*

AK&J Sealants was responsible for installing the air barrier on the entire exterior façade of the building and had a crew of five workers at the site on average. The bulk of the façade was metal panel, but there was also some masonry and glass. The air barrier was set to be placed behind these exterior finishes.



"The normal LMP system is a 60-mils system," said Whited. "However, the specs for this project called for a 90-mils system. It was a bit 'beefier' than what AK&J usually handles. However, very few challenges were experienced, and frankly, the majority of issues that did occur were related to scheduling, the fast pace of the project, and the sheer number of people who were present at the site. [AK&J] had to be precise in our installation. There were masons and metalsmiths there who were also obviously wanting to keep to their own schedules and do their work. At the end of the day, any of the problems we experienced had nothing to do with W. R. MEADOWS. They delivered everything on time, and it was always high quality. We were happy with their product line and with the local support."

Whited went on to also say that working with Neundorfer was definitely a perk. The two regularly interacted and walked the jobsite together.

"The technical assistance he provides is why we feel like we have a good partner. We know we can reach out and ask questions and he is going to get back with us. That helps projects move forward," commends Whited.

## The Man on Both Sides of the Job

If there is one person on this project who had one of the most comprehensive views while on site, it was Ryan Olsen. As stated, Olsen originally entered the project while working for Firestop Southwest. He then transitioned into a role with Field Verified—a third-party consultant. Now, instead of being charged with the installation of the waterproofing, he was responsible for observing and ensuring that the products were installed correctly and properly.



“I was on both sides of the fence here,” said Olsen. “After I left Firestop and started with Field Verified, I ended up having to go over my recommendations and submittal of the W. R. MEADOWS products with my leadership. I discussed all of the reasons why these products were used. What’s more is that instead of only overseeing the below-grade waterproofing, I was actually looking at the entire envelope, including the air and vapor barrier. At the end of the day, everything except the roof was sealed with W. R. MEADOWS products.”

Further to consider, per Olsen, was the way all of the products tied together.

*“It was nice to see how the W. R. MEADOWS waterproofing products would tie in with the air barrier on the exterior walls—and many times in places that would normally prove difficult. The products were able to transition from one substrate to the next. We didn’t have to worry about compatibility because W. R. MEADOWS had that covered,” said Olsen.*

Ultimately, many times, when one is working on a jobsite, there may not be details on how to handle a unique situation in the installation process. If the manufacturer is not present, then it definitely can slow down the process as the contractors will need to get special approval before moving forward.

“If the manufacturer is on site and involved, then they can assist directly. This is what W. R. MEADOWS does,” praises Olsen. “Now that I am a consultant, I can appreciate the field support. They are one of the leading manufacturers when it comes to customer service. They will come on site when one or more of their products are being installed and will talk with the people handling the products. They operate cross-functionally with everyone involved, make sure things are going smoothly, and offer help and knowledge.”

## Inspecting the Work

Finally, Mike Seal, of the University of Arizona, was the Senior Building Inspector assigned to the Bioresearch Laboratory. He handled all of the inspection related to structural, architectural, waterproofing, interior, exterior, and roofing.

“I inspected everything that had to do with the building,” he confirmed.

He was present on site every day—sometimes for several hours or more. Seal has also worked with

W. R. MEADOWS products in other University of Arizona projects.

“Once we got over the first couple of hurdles related to logistics, it was smooth sailing,” Seal said. “We had good installers and a lot of access to product information.”

Seal regularly interacted with Neundorfer as well as Olsen and performed varied forms of testing on both the waterproofing and air barriers. During all phases of the inspections that were conducted, Seal never ran into a situation where W. R. MEADOWS had to fix something. While there were times that the installer had to go back and apply more sealant because of transitions—it was never a state that could be attributed to a product defect.

*“We love MEADOWS,” praised Seal. “They are fantastic. We have projects that go back with them 10 or 12 years, and we don’t experience problems or failures. They are one of the top companies we use.”*

The Bioscience Research Laboratory project was completed in late 2017. And indeed, the University of Arizona has been satisfied with the outcomes on this building. There have been no issues or reports of water intrusion on site.

Brent Elliott, of DPR Construction, confirms this point. “We are still working on campus—and are in and out of this building occasionally. There have been no issues.”



## A Study on Teamwork

“All around it was a successful project,” said Neundorfer. “Everyone worked well together, from the general contractor on down. I like the whole team effort on this job. I was just so impressed with how we all worked together to get it done.”

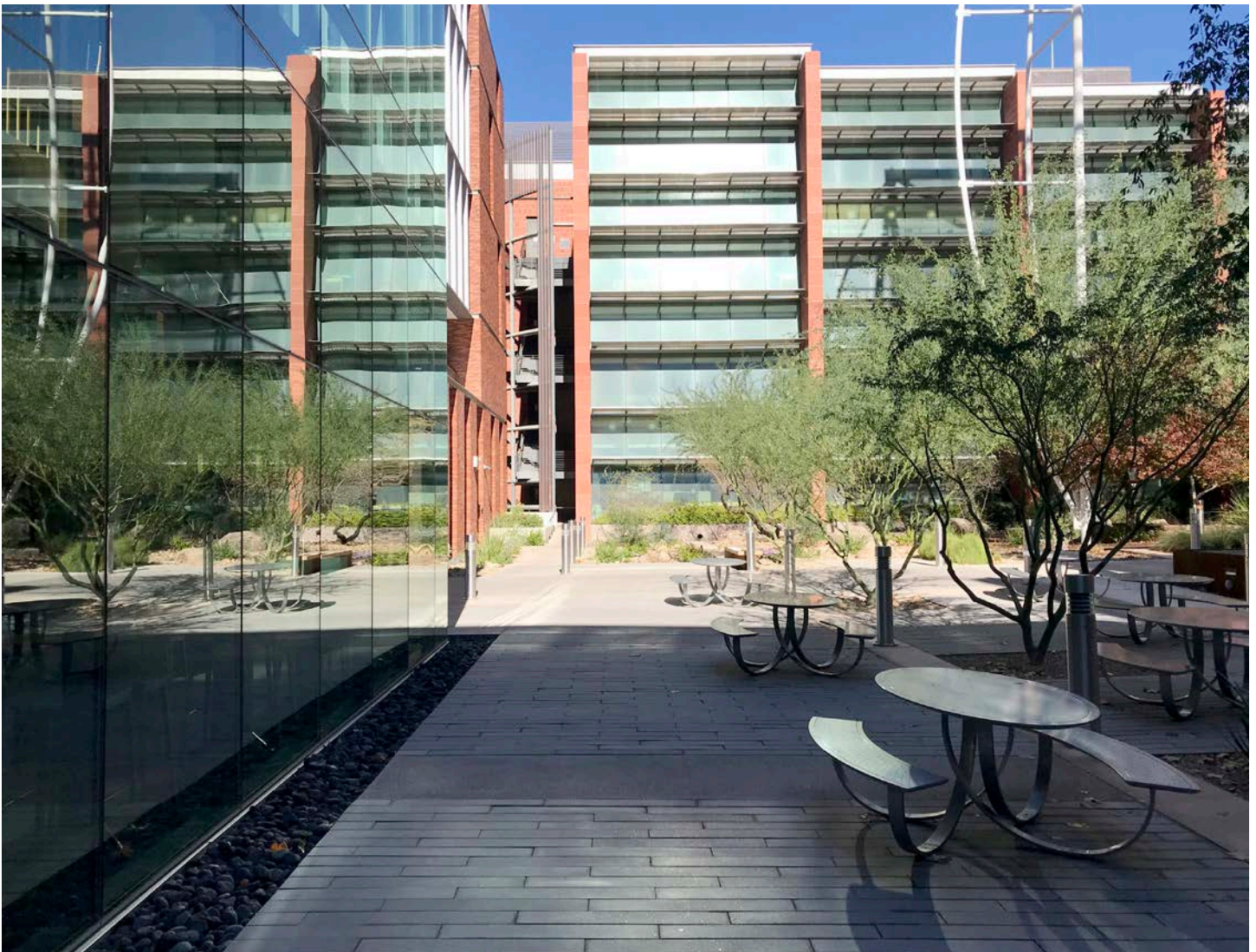
And the general contractor confirmed this point.

*“It was a very good dynamic with W. R. MEADOWS,” said Elliott, “as well as with Field Verified, Firestop Southwest, DPR, AK&J, and the University of Arizona. The entire experience was positive.”*

In turn, because of this cooperation, the Bioscience Research Laboratory at the University of Arizona was able to open in March of 2018 and is currently pursuing its mission of bringing creative people together to advance knowledge, find solutions to medical challenges, and improve health outcomes for Arizonans.

## PROJECT SPECS

<b>Architect:</b>	ZGF Architects, LLP
<b>Contractor:</b>	DPR Construction
<b>Subcontractor:</b>	Firestop Southwest
<b>Salesperson:</b>	Greg Neundorfer
<b>Products:</b>	BEM DETAIL FABRIC HRM 714 HYDRALASTIC 836 MEL-DRAIN PRECON
<b>Scope:</b>	140,000 square feet



## About W. R. MEADOWS

Since 1926, W. R. MEADOWS has been a leader in developing products that protect structures from moisture infiltration. From below-grade installations to rooftops and in-between, issue-specific products target and prevent potential, costly problems. Today, patented technologies enable more environmentally effective, efficient designs, and many of our products contribute LEED-certification "green" credits. With nine manufacturing facilities throughout the U.S. and Canada, the materials you need are within easy reach. For additional information, call 800.342.5976 or visit [www.wrmeadows.com](http://www.wrmeadows.com).



*A Family Company Since 1926*

QUALITY...SERVICE...INTEGRITY

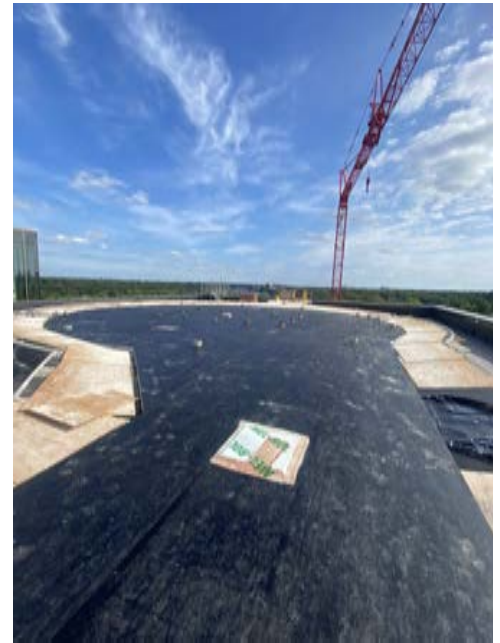


# W. R. MEADOWS, INC.

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FORT WORTH, TX / BENICIA, CA / POMONA, CA  
GOODYEAR, AZ / MILTON, ON / SHERWOOD PARK, AB



Project Name: Centra Care St. Cloud Hospital Helipad  
Location: St. Cloud, Minnesota, USA  
Architect: Meyer Borgman Johnson  
Contractor: McGough Construction  
Subcontractor: Henkemeyer Coatings  
Salesperson: Mike Krulas

Product: MEL-ROL,  
PROTECTION COURSE PC-2  
MEL-PRIME™,  
POINTING MASTIC  
BEM  
Scope: 11,000 square feet





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Project Name: Joya Child and Family Development  
Location: Spokane, WA, USA  
Architect: NAC  
Contractor: RJ Construction Services  
Salesperson: Bryon Allen

Product: MEL-ROL,  
MEL-DRAIN™ 5035  
BEM  
Scope: 41,000 square feet



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 GOODYEAR, AZ / MILTON, ON / SHERWOOD PARK, AB



Project Name: Ridgeline High School  
 Location: Spokane, Washington, USA  
 Architect: ALSC Architects  
 Contractor: RJ Construction  
 Salesperson: Bryon Allen

Product: MEL-ROL,  
 MEL-DRAIN™ 5035  
 BEM  
 Scope: 240,000 square feet



MasterFormat: 07 13 00

**JANUARY 2022**  
 (Supersedes March 2021)

## PRECON®

### Pre-Applied/Underslab Waterproofing Membrane

#### DESCRIPTION

PRECON is a composite sheet membrane comprised of a non-woven fabric, elastomeric membrane, and W. R. MEADOWS' exclusive, patented PLASMATIC CORE (U.S. Patent No. 7,179,761). The PLASMATIC CORE is a seven-layer matrix designed for toughness and provides the lowest water vapor transmission (WVT) rating on the market. Once concrete is poured against PRECON and the concrete cures, a mechanical bond forms that secures the concrete to the membrane.

#### USES

PRECON is used as a blindside membrane in vertical applications where access to the positive side is limited. The membrane can also be used for horizontal applications for underslab waterproofing and vaporproofing.

#### FEATURES/BENEFITS

- Provides a waterproof seal between the membrane and poured concrete wall.
- Helps prevent moisture migration into the structure.
- Reduces methane and radon gas intrusion.

#### PACKAGING

4' (1.2 m) wide x 50' (15.2 m) long rolls, one roll per carton.

#### STORAGE AND HANDLING

Store membrane cartons on pallets and cover if left outside. Keep materials away from sparks and flames.

#### SPECIFICATIONS

- LARR Report 26023

#### APPLICATION

**Surface Preparation** ... Inspect all surfaces for any conditions detrimental to the proper completion of the work. Surfaces should be structurally sound.

Remove debris or any other foreign material that could damage the membrane.

PRECON can be used with a caisson wall shoring system without the use of a drainage board, such as MEL-DRAIN™ from W. R. MEADOWS. W. R. MEADOWS recommends proper site drainage, but due to certain site conditions this sometimes cannot be done effectively. The decision to remove the drainage board should be at the discretion of the engineer. In situations where a drainage board is not applied, surface preparation is important. The substrate needs to be sound, solid, and smooth. Any gaps or voids >1" (25 mm) need to be grouted. When PRECON is used with MEL-DRAIN from W. R. MEADOWS, the system can bridge gaps <2" (50.8 mm). However, gaps >2" (50.8 mm) will need to be grouted.

**Application Method** ... PRECON may be applied at temperatures down to 40° F (5° C); however, in less-than-ideal environments or marginal conditions, consider the use of PRECON LOW TEMP below 60° F (16° C). PRECON LOW TEMP can be used in temperatures down to 25° F (-4° C). MEL-PRIME™ from W. R. MEADOWS should be used to enhance the bond at the selvedge edge when conditions warrant with both PRECON and PRECON LOW TEMP. Prior to application of the blindside membrane, attach MEL-DRAIN™ rolled matrix drainage system from W. R. MEADOWS to lagging or soil retention system.

In vertical applications of PRECON, mechanically attach with fasteners every 12" (304.8 mm) across the top, within ½" (13 mm) of the top edge of the membrane. Install the membrane with the fabric side facing toward the concrete pour.

Remove release paper on 6" (152.4 mm) overlap. Apply membrane and roll press into place with a tile type roller.

**End Laps** ... Overlap membrane 6" (152.4 mm). Prior to overlap, apply BEM, HYDRALASTIC 836, or MEL-ROL® LIQUID MEMBRANE (two-component) from W. R. MEADOWS in area to be lapped. Roll press membrane into BEM, HYDRALASTIC 836, or MEL-ROL LIQUID MEMBRANE. At terminations of membrane, apply BEM, HYDRALASTIC 836, or MEL-ROL LIQUID MEMBRANE 12" (304.8 mm) wide centered over the termination and while still wet, embed 12" (31 cm) wide DETAIL FABRIC into the HYDRALASTIC 836 or MEL-ROL LIQUID MEMBRANE and roll press into place. Ensure that DETAIL FABRIC is centered over the termination with 6" (152.4 mm) on each side of lap edge. Apply

**CONTINUED ON THE REVERSE SIDE...**

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additional HYDRALASTIC 836 on all terminations of DETAIL FABRIC.

Additionally, the use of DETAIL TAPE H and DETAIL TAPE V from W. R. MEADOWS can be used in both horizontal and vertical end laps. View PRECON END LAP TAPING METHOD TECHNICAL BULLETIN available at [www.wrmeadows.com](http://www.wrmeadows.com) for full information.

**Penetrations and Protrusions ...** Detail around all horizontal and vertical penetrations using BEM, HYDRALASTIC 836, or MEL-ROL LIQUID MEMBRANE (two-component) from W. R. MEADOWS. Apply BEM, HYDRALASTIC 836, or MEL-ROL LIQUID MEMBRANE by forming a fillet around the pipe or protrusion, overlapping the fabric side of PRECON and the protrusion a minimum of 2.5" (64 mm). If the gap between the protrusion and the membrane is greater than 1/2" (13 mm), apply DETAIL FABRIC over uncured BEM, HYDRALASTIC 836, or MEL-ROL LIQUID MEMBRANE. All penetration and protrusion surfaces must be clean, rust-free, and sound prior to application of BEM, HYDRALASTIC 836, or MEL-ROL LIQUID MEMBRANE.

\*MEL-ROL LIQUID MEMBRANE is a two-component material, not to be confused with MEL-ROL LM.

For horizontal applications involving a cluster of penetrations, consider the use of HYDRALASTIC 836. Prior to application of HYDRALASTIC 836, prepare the surfaces of the penetrations as above and provide a block out using 2' x 4' (.6 x 1.2 m) lumber or other in order to create a "pitch pan" area to receive HYDRALASTIC 836.

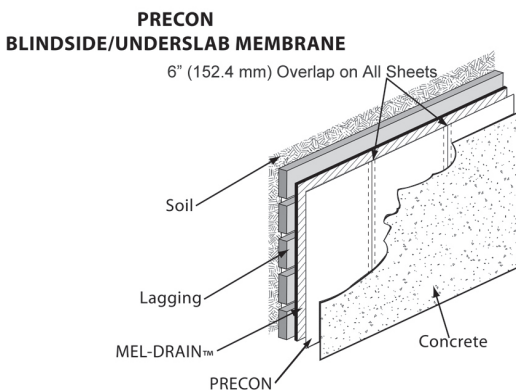
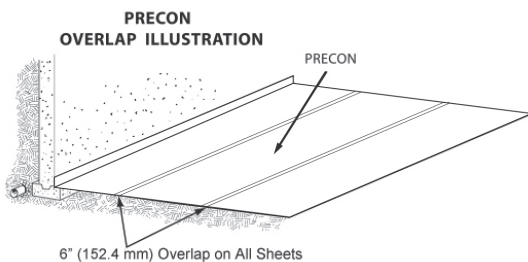
**Patching ...** Prior to pouring, inspect membrane for punctures or damage and repair as necessary with HYDRALASTIC 836 and/or DETAIL FABRIC. (BEM or MEL-ROL LIQUID MEMBRANE may be used in place of HYDRALASTIC 836.) In addition, ensure the membrane is free of standing water and has been cleaned of any deleterious materials that will affect the bond of the concrete to the membrane.

**Underslab Application ...** Refer to ACI 302.1R-04: Chapter 4 – Site Preparation and Placing Environment for sub-grade preparation prior to PRECON placement.

## PRECAUTIONS

Concrete should be poured within 60 days of membrane installation. For installations below 40° F (4° C), contact W. R. MEADOWS technical services. When using bar supports, use those with a flat bottom.

For CAD details, most recent data sheet, LEED information, and SDS, visit [www.wrmeadows.com](http://www.wrmeadows.com).



**TECHNICAL DATA**

<b>Property</b>	<b>Test Method</b>	<b>PRECON Results</b>
Thickness	ASTM D1000	73 mil (1.85 mm)
Low Temp Flexibility	ASTM D1970, 180° @ -20° F (-28.9° C)	Pass
Resistance to Hydrostatic Head	ASTM D5385-93	230' (70 m)
Elongation, Polymeric Membrane	ASTM D412-06	> 400%
Tensile Strength, Film	ASTM D882	9200 psi (63.4 MPa)
Crack Cycling	ASTM C836 @ -15° F (-26° C)	Pass
Puncture Resistance	ASTME 154	> 210 lb. (> 934 N)
Peel Adhesion to Concrete	ASTMD 903	10 lb./in (1754 N/m)
Moisture Vapor Transmission	ASTME 96B	0.0011 perms (0.0004 grains/ft. <sup>2</sup> /hr) (0.007 gram/m <sup>2</sup> /24 hr)
Resistance to Fungi in Soil	GSA-PBS 07115 – 16 Weeks	No Effect
Radon Transmittance (m/s)	k124/02/95	<3.0 x 10 <sup>-9</sup>
Radon Coefficient (m <sup>2</sup> /s)	k124/02/95	<5.6 x 10 <sup>-12</sup>



**LIMITED WARRANTY**

W. R. MEADOWS, INC. warrants at the time and place we make shipment, our material will be of good quality and will conform with our published specifications in force on the date of acceptance of the order. Read complete warranty. Copy furnished upon request.

**Disclaimer**

The information contained herein is included for illustrative purposes only, and to the best of our knowledge, is accurate and reliable. W. R. MEADOWS, INC. cannot however under any circumstances make any guarantee of results or assume any obligation or liability in connection with the use of this information. As W. R. MEADOWS, INC. has no control over the use to which others may put its product, it is recommended that the products be tested to determine if suitable for specific application and/or our information is valid in a particular circumstance. Responsibility remains with the architect or engineer, contractor and owner for the design, application and proper installation of each product. Specifier and user shall determine the suitability of products for specific application and assume all responsibilities in connection therewith.





# SAFETY DATA SHEET

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION								
<b>Product:</b>	<b>PRECON.</b>	<b>Part Number:</b>	<b>5118050</b>					
<b>Manufacturer:</b>	<b>W. R. MEADOWS, INC.</b>	<b>Address:</b>	300 Industrial Drive Hampshire, Illinois 60140					
<b>Telephone:</b>	(847) 214-2100	In case of emergency, dial (800) 424-9300 (CHEMTREC)						
<b>Revision Date:</b>	10/17/2019							
<b>Product Use:</b>	Waterproofing Membrane							
SECTION 2: HAZARDS IDENTIFICATION/EXPOSURE LIMITS								
HMIS								
<b>Health</b>	0	Product is classified as non-hazardous per OSHA 1910.1200. PRECON is defined by						
<b>Flammability</b>	1	OSHA as an "article." A manufactured item that is formed to a specific shape or						
<b>Reactivity</b>	0	design during manufacture that does not release or result in exposure to a hazardous						
<b>Personal Protection</b>		chemical under normal use conditions.						
SECTION 3: HAZARDS COMPONENTS								
<b>Chemical Name:</b>	<b>CAS Number</b>	<b>% by Weight</b>	<b>SARA 313</b>	<b>Vapor Pressure (mm Hg@20°C)</b>	<b>LEL (@24°C)</b>			
1. Petroleum Asphalt	8052-42-4	55-60	No	N/A	N/A			
<i>N/A = Not Applicable</i>								
Under the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1966 (SARA) and 40 CFR Part 372, chemicals listed on the 313 List (40 CFR Part 373.65) are identified under the heading "SARA 313."								
SECTION 4: EMERGENCY AND FIRST AID PROCEDURES								
<b>EYE CONTACT:</b> Not expected to be an exposure route.								
<b>SKIN CONTACT:</b> Wash affected areas with soap and water if available								
<b>INHALATION:</b> Not expected to be an exposure route.								
<b>INGESTION:</b> Not expected to be an exposure source.								
<b>MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND CHRONIC:</b> See Section Eleven for Symptoms/Effects.								
SECTION 5: FIRE AND EXPLOSIVES HAZARDS								
<b>FLASHPOINT:</b> Not applicable; product is a solid.								
<b>EXTINGUISHING MEDIA:</b> Water fog, foam, dry chemical.								
<b>CHEMICAL/COMBUSTION HAZARDS:</b> Oxides and compounds of nitrogen/sulfur.								
<b>PRECAUTIONS/PERSONAL PROTECTIVE EQUIPMENT:</b> Avoid smoke inhalation. Use appropriate respiratory protection.								
SECTION 6: ACCIDENTAL RELEASE MEASURES								
<b>SPILL OR LEAK PROCEDURES:</b> Not applicable. Product is a solid.								
SECTION 7: HANDLING AND STORAGE								
<b>SAFE HANDLING PROCEDURES:</b> Avoid direct contact.								
<b>SAFE STORAGE:</b> Prevent job-site damage.								
SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION								
	OSHA			ACGIH				
<b>Chemical Name:</b>	<b>PEL</b>	<b>PEL/CEILING</b>	<b>PEL/STEL</b>	<b>SKIN</b>	<b>TLV</b>	<b>TLV/CEILING</b>	<b>TLV/STEL</b>	<b>SKIN</b>
1. Petroleum Asphalt	5 mg/m <sup>3</sup> *	N/E	N/E	No	0.5 mg/m <sup>3</sup> *	N/E	N/E	N/E
<i>N/E = Not Established</i>						<i>* = Asphalt Fumes</i>		
<b>ENGINEERING CONTROLS:</b> None required under normal use conditions.								
<b>PERSONAL PROTECTIVE EQUIPMENT:</b> Safety glasses, chemical resistant gloves.								
SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES								
<b>BOILING POINT:</b> N/A	<b>VAPOR DENSITY:</b> N/A			<b>% VOLATILE BY VOLUME:</b> N/A				
<b>EVAPORATION RATE:</b> N/A	<b>pH LEVEL:</b> N/A			<b>% VOLATILE BY WEIGHT:</b> N/A				
<b>WEIGHT PER GALLON:</b> N/A	<b>PRODUCT APPEARANCE:</b> Black Solid			<b>VOC CONTENT:</b> N/A				
<b>ODOR:</b> None	<b>ODOR THRESHOLD:</b> N/D			<b>MELTING/FREEZING POINT:</b> N/D				
<b>FLASH POINT:</b> See Section 5	<b>FLAMMABILITY:</b> See Section 5			<b>UEL/LEL:</b> N/D				
<b>VAPOR PRESSURE:</b> N/D	<b>RELATIVE DENSITY:</b> N/D			<b>SOLUBILITY:</b> N/D				
<b>PARTITION COEFFICIENT:</b> N/D	<b>AUTOIGNITION TEMPERATURE:</b> N/D			<b>DECOMPOSITION TEMPERATURE:</b> N/D				
<b>VISCOSITY:</b> N/D	<i>N/D: Not Determined</i>							



# SAFETY DATA SHEET

Date of Preparation: 10/17/19

Page 2 of 2

5118050

## SECTION 10: STABILITY/REACTIVITY

**STABILITY:** Stable. **HAZARDOUS POLYMERIZATION:** Will not occur.  
**CONDITIONS AND MATERIALS TO AVOID:** None recognized.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** None recognized.

## SECTION 11: TOXICOLOGICAL INFORMATION

**EYE CONTACT:** Direct contact may cause mild irritation.  
**SKIN CONTACT:** Direct contact may cause slight skin irritation.  
**INHALATION:** Not anticipated to be an exposure route.  
**INGESTION:** Not anticipated to be an exposure route.  
**SIGNS AND SYMPTOMS:** Symptoms of eye irritation include tearing, reddening, and swelling. Symptoms of skin irritation include redness and swelling. Gastrointestinal irritation symptoms include nausea, vomiting, and abdominal discomfort.  
**AGGRAVATED MEDICAL CONDITIONS:** None recognized.  
**OTHER HEALTH EFFECTS:** None recognized.

## SECTION 12: ECOLOGICAL INFORMATION

**ECOTOXICITY:** N/E **DEGRADABILITY:** N/E **BIOACCUMULATIVE POTENTIAL:** N/E  
**SOIL MOBILITY:** N/E **OTHER ADVERSE EFFECTS:** None Recognized

## SECTION 13: WASTE DISPOSAL INFORMATION

**WASTE DISPOSAL INFORMATION:** Product is classified as a non-hazardous waste.

## SECTION 14: TRANSPORTATION INFORMATION

**HAZARDOUS/NON-HAZARDOUS MATERIAL:** Not regulated by DOT.  
**UN NUMBER:** None. **HAZARD CLASS:** N/A **PACKING GROUP:** N/A  
**UN PROPER SHIPPING NAME:** N/A  
**ENVIRONMENTAL HAZARDS:** None recognized.  
**BULK TRANSPORTATION INFORMATION:** None.  
**SPECIAL PRECAUTIONS:** None.

## SECTION 15: REGULATORY INFORMATION

**OTHER REGULATORY CONSIDERATIONS:** None recognized.

## SECTION 16: OTHER INFORMATION

**PREPARATION DATE:** 10/17/2019  
**PREPARED BY:** Dave Carey

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*The information contained herein is based on the data available to us and is believed to be correct. However, we make no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injury from the use of this product described herein.*

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# GUIDE SPECIFICATION FOR PRECON®: PRE-APPLIED/UNDERSLAB WATERPROOFING MEMBRANE

SECTION 07 13 00

SHEET WATERPROOFING

Revision Date: December 20, 2019

Specifier Notes: This guide specification is written according to Construction Specifications Institute (CSI) MasterFormat. The section must be carefully reviewed and edited by the architect or engineer to meet the requirements of the project. Coordinate this section with other specification sections and the drawings.

Specifier Notes: PRECON is a composite sheet membrane comprised of elastomeric membrane bonded to W. R. MEADOWS®' exclusive plasmatic matrix and a non-woven geotextile fabric. Once concrete is poured against PRECON and the concrete cures, a mechanical bond forms that tightly and permanently secures the concrete to the membrane.

PRECON is used as a waterproofing membrane where vertical positive-side waterproofing is required but access to the positive side is impossible due to the soil retention system. The membrane can also be used for horizontal applications for underslab waterproofing and vaporproofing.

## PART 1 GENERAL

### 1.01 SECTION INCLUDES

- A. Surface preparation.
- B. Installation of a blindside sheet membrane.

### 1.02 RELATED SECTIONS

Specifier Notes: Edit the list of related sections as required for the project. List other sections dealing with work directly related to this section.

- A. Section 03 30 00 – Cast-in-Place Concrete.
- B. Section 07 13 26 – Self-Adhering Sheet Waterproofing.
- C. Section 07 21 00 – Thermal Insulation.
- D. Section 07 60 00 – Flashing and Sheet Metal.
- E. Section 07 92 00 – Joint Sealants.
- F. Section 31 50 00 – Excavation Support and Protection.
- G. Section 33 46 00 – Subdrainage.

### 1.03 REFERENCES

- A. ACI 302.1R.17 – Guide for Concrete Floor and Slab Construction.
- B. ASTM C836 - Standard Specification for High Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane for Use with Separate Wearing Course.

- C. ASTM D412-06: Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers - Tension.
- D. ASTM D882: Standard Test Method for Tensile Properties of Thin Plastic Sheeting.
- E. ASTM D903: Standard Test Method for Peel or Stripping Strength of Adhesive Bonds.
- F. ASTM D1970-01 - Standard Specification for Self-Adhering Polymer Modified Bituminous Sheet Materials Used as Steep Roofing Underlayment for Ice Dam Protection.
- G. ASTM D5385-93: Standard Test Method for Hydrostatic Pressure Resistance of Waterproofing Membranes.
- H. ASTM E96 (Method B): Standard Test Methods for Water Vapor Transmission of Materials.
- I. ASTM E154: Standard Test Methods for Water Vapor Retarders Used in Contact with Earth Under Concrete Slabs, on Walls, or as Ground Cover.
- J. ASTM F2130: Standard Test Method for Measuring Repellency, Retention, and Penetration of Liquid Pesticide Formulation Through Protective Clothing Materials.
- K. GSA-PBS 07115: General Services Administration, Public Building Service - Guide Specification for Elastomeric Waterproofing.

#### 1.04 QUALITY ASSURANCE

- A. Contractor will provide the proper equipment, manpower, and supervision at the jobsite to install the membrane in compliance with the project plans and specifications.
- B. Installation must be carried out by an experienced contractor with an adequate number of skilled personnel, experienced in the application of the blindside membrane applications.
- C. Maintain a record of the batch numbers of all materials supplied for this project.

#### 1.05 PRE-CONSTRUCTION MEETING

- A. Convene [one] [\_\_\_\_], week [\_\_\_\_] prior to commencing work of this section, in accordance with Section 1.04 - Quality Assurance, meeting with manufacturer's technical representative, general contractor and site engineer to review the installation procedures.

#### 1.06 SUBMITTALS

- A. Comply with Section 01 33 00 - Submittal Procedures.
- B. Submit manufacturer's product data and application instructions.

#### 1.07 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Store materials in a clean, dry area in accordance with manufacturer's instructions.
- C. Store adhesive at temperatures of 40° F (4.4° C) and above to facilitate handling.
- D. Do not store at temperatures above 90° F (32° C) for extended periods.
- E. Protect materials during handling and application to prevent damage or contamination.

## 1.08 ENVIRONMENTAL REQUIREMENTS

- A. Product not intended for uses subject to abuse or permanent exposure to the elements.
- B. Apply membrane when conditions are dry and rain is not imminent.
- C. Ensure concrete is poured within 60 days of membrane application.

## PART 2 PRODUCTS

### 2.01 MANUFACTURER

- A. W. R. MEADOWS, INC., PO Box 338, Hampshire, Illinois 60140-0338. (800) 342-5976. (847) 683-4500. Fax (847) 683-4544. Website: www.wrmeadows.com.

### 2.02 MATERIALS

- A. Blindsight Waterproofing Membrane: 73 mil (1.85mm) thick, composite sheet membrane comprised of an elastomeric membrane bonded to a seven-ply plasmatic matrix and a non-woven geotextile fabric.
  - 1. Performance Based Spec: Blindsight waterproofing membrane shall have the following properties as determined by laboratory testing:
    - a. Membrane Thickness: 73 mil (1.85 mm)
    - b. Low Temperature Flexibility, ASTM D1970: Pass
    - c. Resistance to Hydrostatic Head, ASTM D5385-93: 230' (70 m)
    - d. Elongation, ASTM D412-06: >400%
    - e. Tensile Strength (film), ASTM D882: 9,200 psi (63.4 MPa)
    - f. Crack Cycling, ASTM C836: Pass
    - g. Puncture Resistance, ASTM E154: >210 lb. (>934 N)
    - h. Peel Adhesion to Concrete, ASTM D903: 10 lb./in (1,754 N/m)
    - i. Moisture Vapor Transmission, ASTM E96 (Method B): 0.0011 perms
    - j. Resistance to Penetration by Pesticides, ASTM F2130, Percentage of Penetration: 0.0%
    - k. Resistance to Fungi in Soil, GSA-PBS 07115 – 16 weeks: No Effect
  - 2. Proprietary Based Spec:
    - a. PRECON Blindsight/Underslab Waterproofing Membrane by W. R. MEADOWS.

Specifier Notes: For temperatures that are below 40° F (5° C), PRECON LOW TEMP must be used. This product can be applied at temperatures down to 25° F (-4° C) and this temperature must be maintained for a period of 24 hours prior and post application. If site conditions are marginal and conditions less than optimal, PRECON LOW TEMP can be considered below 60° F (16° C). W. R. MEADOWS has a low temperature application bulletin with specific installation instructions that needs to be followed.

### 2.03 ACCESSORIES

- A. Rolled Matrix Drainage System: MEL-DRAIN™ by W. R. MEADOWS.
- B. Liquid Membrane for Fastener Details:
  - 1. MEL-ROL® LIQUID MEMBRANE (two-component) by W. R. MEADOWS.
  - 2. BEM by W. R. MEADOWS.
- C. Liquid Membrane for Overlap Detail: HYDRALASTIC™ 836 by W. R. MEADOWS.

Specifier Notes: HYDRALASTIC 836, MEL-ROL LIQUID MEMBRANE (two-component) and BEM (BUILDING ENVELOPE MEMBRANE) can be interchanged. It must be noted that HYDRALASTIC 836 and BEM can only be applied in temperatures above 30° F (-1° C). MEL-ROL LIQUID MEMBRANE may be used on end laps, penetrations and terminations down to 25° F (-4° C).

D. Detail Fabric for Terminations: DETAIL FABRIC by W. R. MEADOWS.

E. Detail Tape Adhesive: MEL-PRIME™ by W. R. MEADOWS.

### PART 3 EXECUTION

#### 3.01 EXAMINATION

A. Examine surfaces to receive membrane. Notify architect if surfaces are not acceptable. Do not begin surface preparation or installation until unacceptable conditions have been corrected.

#### 3.02 SURFACE PREPARATION

A. Inspect all surfaces for any conditions detrimental to the proper completion of the work.

B. Ensures surfaces are structurally sound.

C. Remove debris or any other foreign material that could damage the membrane.

#### 3.03 INSTALLATION

##### A. Vertical Application

1. Install the membrane with the fabric side facing the interior side of the form to receive the concrete.
2. Mechanically fasten membrane across the top lagging at 12" (310 mm) on center, 1/2" (12 mm) from the top, with fasteners approved by the manufacturer.
3. Apply liquid membrane over the areas where the fasteners have been attached and carry over the top edge.
4. Remove release paper on 6" (152.4 mm) factory edge.
5. Mechanically fasten membrane vertically, 24" (620 mm) on center, into the exposed factory edge of the membrane if vertical fastening is required.
6. Install subsequent sheet of membrane and overlap onto the 6" (152.4 mm) factory edge and roll press into place.
7. For end-to-end overlap, overlap membrane 6" (152.4 mm).
8. Apply liquid detail membrane in this area to be lapped and roll press membrane into this liquid detail membrane.
9. Apply liquid detail membrane at terminations of membrane, 12" (310 mm) wide centered over the termination.
10. Embed detail fabric into this wet liquid detail membrane centered over the termination, 6" (152.4 mm) on each side of lap edge, and roll press into place.
11. Apply additional liquid detail membrane on all terminations of detail fabric.
12. Inspect membrane prior to pouring of concrete for any punctures or damage.
13. Repair damaged areas as directed by the manufacturer.

##### B. Horizontal Application

1. Prepare subgrade prior to membrane application according to ACI 302.1R.17.
2. Ensure the fabric side of the membrane is facing up.
3. Remove release paper on 6" (152.4 mm) selvedge edge and overlap edges of additional sheet. Roll press into place.
4. For end-to-end overlap, overlap membrane 6" (152.4 mm).

5. Apply liquid detail membrane in this area to be lapped and roll press membrane into this liquid detail membrane.
6. Apply liquid detail membrane at terminations of membrane, 12" (310 mm) wide centered over the termination.
7. Embed detail fabric into this wet liquid detail membrane centered over the termination, 6" (152.4 mm) on each side of lap edge, and roll press into place.
8. Apply additional liquid detail membrane on all terminations of detail fabric.
9. Inspect membrane prior to pouring of concrete for any punctures or damage.
10. Repair damaged areas as directed by the manufacturer.

#### 3.04 PROTECTION

- A. Ensure membrane is not damaged prior to concrete pour.
- B. Ensure concrete is poured within 60 days of membrane application.

END OF SECTION

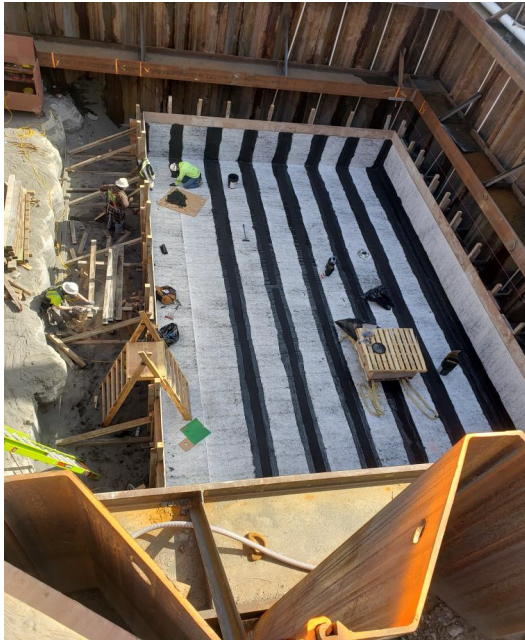


# W. R. MEADOWS, INC.

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FORT WORTH, TX / BENICIA, CA / POMONA, CA  
GOODYEAR, AZ / MILTON, ON / SHERWOOD PARK, AB



Project Name: South Park Pump Station  
Location: Seattle, Washington, USA  
Architect: Cardno  
Contractor: Pease & Sons Construction  
Subcontractor: Hunnicutt's  
Salesperson: Bryon Allen

Product: PRECON,  
MEL-ROL™,  
BEM  
HYDRALASTIC™ 836  
REINFORCING FABRIC HCR  
Scope: 35,000 square feet



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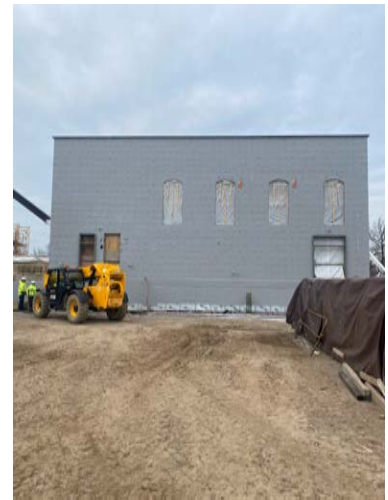
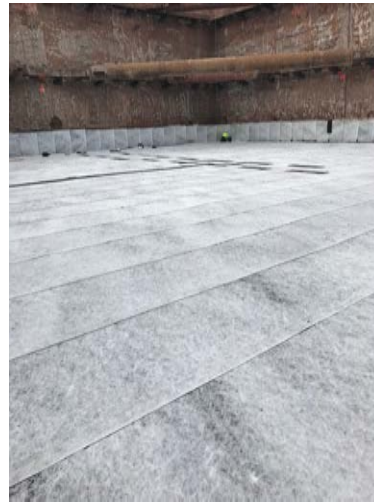
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GOODYEAR, AZ / MILTON, ON / SHERWOOD PARK, AB



Project Name: York Street Pump Station  
 Location: Springfield, Massachusetts, USA  
 Architect: Kleinfelder  
 Stantec  
 Contractor: Daniel O'Connell's Sons  
 Subcontractor: Armani Restoration, Inc.  
 Salesperson: Anthony Oropallo  
 Scope: 10,000 square feet

Product: AIR-SHIELD™ LMP  
 BEM  
 HYDRALASTIC™ 836  
 HYDRALASTIC 836 SL  
 MEL-DRAIN™ 5035-B  
 MEL-ROL®  
 PRECON®  
 PROTECTION COURSE  
 REINFORCING FABRIC HCR





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**SEALTIGHT®**

*A Family Company Since 1926*

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FORT WORTH, TX / BENICIA, CA / POMONA, CA

GOODYEAR, AZ / MILTON, ON / SHERWOOD PARK, AB



Project: HUB 4 Tucson Off-Campus Student Housing  
Location: Tucson, Arizona, USA  
Architect: Antunovich Associates  
Contractor: J.H. Fidorff & Son, Inc.  
Salesperson: Greg Neundorfer

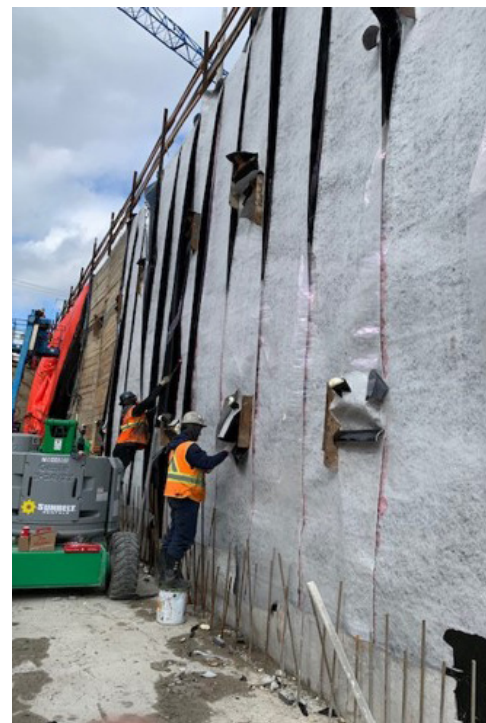
Products: PRECON®  
HYDRALASTIC™ 836  
MEL-DRAIN™ 5035  
BEM  
Scope: 18,000 square feet



# PRECON®

Pre-Applied/Underslab Waterproofing Membrane

**A cost-effective, fully bonded solution for blindside or pre-applied waterproofing applications**



Waterproofing is not a one-size-fits-all proposition. That's why **W. R. MEADOWS** offers an entire family of products to address different requirements – including **PRECON**, a cost-effective solution for difficult blindside or pre-applied applications.

**PRECON** is comprised of a non-woven fabric, elastomeric membrane and **W. R. MEADOWS'** exclusive, patented plasmatic core (U.S. Patent No. 7,179,761). The plasmatic core is a seven-layer matrix designed for toughness and provides the lowest water vapor transmission (WVT) rating on the market. Designed to provide a waterproof seal between the membrane and poured concrete, **PRECON** also:

- Reduces methane and radon gas intrusion.
- Forms a mechanical bond between the membrane and the concrete as it cures.
- Serves as a blindside membrane in vertical applications where access to the positive side is limited.
- May be used for horizontal applications for underslab waterproofing and vaporproofing



Guardian of the Structure



QUALITY | SERVICE | INTEGRITY



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# INSTALLATION GUIDELINES PRECON®

This document has been created as an addendum to our PRECON technical data sheet to provide information regarding the application of PRECON waterproofing/vaporproofing membrane when installed up against a soil retention system in a blindside application. Following are the typical installation instructions recommended by W. R. MEADOWS. It is important to review each application as there may be situations that may require this procedure to be modified based on the project requirements. If this situation arises, please contact W. R. MEADOWS technical service.

## PRODUCTS REQUIRED

- PRECON waterproofing/vaporproofing membrane: composite sheet membrane comprised of a non-woven fabric, elastomeric membrane, and W. R. MEADOWS' patented plasmatic core.
- HYDRALASTIC 836: cold-applied, solvent-free, single-component waterproofing compound used for detailing of PRECON at end laps, penetrations, and repairs.
- BEM: one-component, cold-applied, non-slump waterproofing material that can be used as an alternate to HYDRALASTIC 836.
- MEL-ROL LIQUID MEMBRANE (two-component): two component, 100% solids, cold-applied, non-slump waterproofing material that can be used as an alternate to HYDRALASTIC 836 and is recommended for low temperature installations of PRECON LOW TEMP.
- DETAIL FABRIC: polypropylene, staple fiber, needle-punched, non-woven geotextile fabric used for end laps and penetration details.
- WATERSTOP EC: regular version waterstop containing bentonite.
- WATERSTOP EC PLUS: combination of hydrophilic rubber and bentonite for use in applications below the water table.
- CLAY-TITE™ MASTIC: used for adhesion of the WATERSTOP EC or WATERSTOP EC PLUS.
- MEL-DRAIN™ drainage board: dimple-raised, molded polystyrene sheet bonded to high strength polypropylene fabric.
- MEL-DRAIN TOTAL-DRAIN™: Prefabricated strip drain consisting of molded polystyrene sheet bonded to high strength polypropylene fabric.
- TERMINATION BAR: high strength plastic strip designed to support PRECON and MEL-DRAIN at the top of wall termination point.
- FASTENERS: Flat-headed steel fasteners with washers are recommended. Must be appropriate for the substrate.

## LIMITATIONS

- Concrete should be poured within 60 days of membrane installation.
- PRECON may be applied at temperatures down to 40° F (5° C); however, in less than ideal environments or marginal conditions, consider the use of PRECON LOW TEMP below 60° F (16° C). PRECON LOW TEMP can be used in temperatures down to 25° F (-4° C). Please refer to the PRECON COLD WEATHER APPLICATION TECHNICAL BULLETIN for proper installation procedures.
- Prior to the concrete pour, any ponded water, dirt, or debris that has accumulated on PRECON needs to be removed as this could affect the bond of PRECON to the concrete.





# INSTALLATION GUIDELINES PRECON®

- In situations where there is water accumulation behind the membrane during installation, the presence of this water may inhibit proper bond formation at the edge and end laps due to the stress resulting from the constant hydrostatic pressure exerted by this water.
- Care needs to be taken in high temperature installation situations, as softening of the elastomeric membrane could occur causing sagging.

## STORAGE

- Store materials in a clean, dry area in accordance with manufacturer's instructions.
- Store membrane cartons on pallets and cover if left outside. Keep materials away from sparks and flames.
- Store adhesive at temperatures of 40° F (4.4° C) and above to facilitate handling.
- Do not store at temperatures above 90° F (32° C) for extended periods.

## SUBSTRATE PREPARATION

Blindside applications are very challenging which includes the substrate upon which the membrane is installed. There are several types of soil retention systems designed to retain the earth. All of these have their own challenges in installation and preparation prior to installation of the PRECON waterproofing system. Several common shoring wall construction techniques include h-piles and timber lagging, corrugated sheet piles, rock, auger cast caissons, and even cement stabilized soil.

For proper performance of the membrane, it is essential that the surface be addressed to ensure that the membrane is not damaged and will adhere fully to the concrete once poured in place. Overlooking this will allow for water intrusion into the structure.

Regardless of the type of soil retention system, all preparation work is similar and is required to provide a monolithic substrate surface upon which the waterproofing can be installed without damage during installation and concrete placement.

W. R. MEADOWS recommends the use of MEL-DRAIN drainage board for all installations of PRECON, but due to certain site conditions and project requirements, this sometimes cannot be done effectively. The decision to remove the drainage board should be at the discretion of the engineer. In situations where a drainage board is not applied, surface preparation is even more important.

Due to the wide variety of these substrates and their conditions, it is recommended to contact your local W. R. MEADOWS technical representative for any questions prior to installation of PRECON. Following are some standard guidelines for surface preparation:

### WOOD LAGGING WITH STEEL PILES:

1. Be sure all lagging board nails are pounded flush or removed.
2. Remove all sharp protrusions, mud, debris, ice, or any other materials that will affect the membrane's performance.
3. Fill or cover any irregularities and voids between lagging board exceeding 1" (25 mm) using spray foam, concrete grout, patching mortar, rigid insulation, or treated plywood to provide a sound substrate.

### CAISSONS:

1. If the augered caissons are smooth, PRECON can be installed directly onto the caissons. Any sharp protrusions need to be removed. For the depressed areas between each pile, this area must be filled with a concrete grout prior to PRECON installation.





# INSTALLATION GUIDELINES PRECON®

2. If the augered caissons are rough and irregular, a minimum  $\frac{3}{4}$ " (19.1 mm) pressure-treated plywood must be installed. The void behind the plywood at the depressed areas shall be filled with sand, aggregate, or grout to provide a solid substrate for PRECON installation. Plywood selection and installation shall be determined by the project engineer.

## SHEET PILING:

1. In areas where PRECON is to be in direct contact with the steel piling, all sharp protrusions need to be removed.
2. In areas where the PRECON is to span the sheet piling, a minimum  $\frac{3}{4}$ " (19.1 mm) pressure-treated plywood must be installed. The void behind the plywood at the depressed areas shall be filled with sand, aggregate, or grout to provide a solid substrate for PRECON installation. Plywood selection and installation shall be determined by the project engineer.

## SHOTCRETE:

1. Remove all sharp protrusions, mud, debris, ice, or any other materials that will affect the membrane's performance.
2. Fill or cover any voids or irregularities exceeding 1" (25 mm) using a concrete grout or patching mortar.

## SLURRY WALL:

1. Remove all sharp protrusions, mud, debris, ice, or any other materials that will affect the membrane's performance.
2. Fill or cover any voids or irregularities exceeding 1" (25 mm) using a concrete grout or patching mortar.

**NOTE:** For all substrates, if using MEL-DRAIN drainage board prior to PRECON installation, a void of 2" (50 mm) is acceptable.

## DETAILING

### PENETRATIONS:

1. All penetrations and protrusion surfaces are to be prepared ensuring that all surfaces are clean, rust-free and sound.
2. Ensure that small penetrations, such as nails and fasteners, fully cover the fastener with HYDRALASTIC 836.
3. Larger penetrations:
  - a. Apply HYDRALASTIC 836 onto the fabric face of pre-installed PRECON and the penetration a minimum of 2  $\frac{1}{2}$ " (64 mm) in all directions.
  - b. Form a fillet or cove around the base of the penetration to aid in the transition. Application thickness of this HYDRALASTIC 836 should be 60 mils.
  - c. Embed DETAIL FABRIC into the HYDRALASTIC 836 and press into place, ensuring that the DETAIL FABRIC has been fully wetted out with the HYDRALASTIC 836.

### TIEBACKS/SOIL NAILS:

1. Install the PRECON waterproofing membrane up to the tieback as close as possible.
2. Apply HYDRALASTIC 836 onto the fabric face of pre-installed PRECON a minimum of 2  $\frac{1}{2}$ " (64 mm) in all directions. Form a fillet or cove around the base to aid in the transition.
3. Fully coat the tieback with HYDRALASTIC 836. Application thickness of this HYDRALASTIC 836 should be 60 mils.
4. Embed DETAIL FABRIC into the HYDRALASTIC 836 and press into place, ensuring that the DETAIL FABRIC has been fully wetted out with the HYDRALASTIC 836. This should fully encase the tieback.





# INSTALLATION GUIDELINES PRECON®

## CONSTRUCTION JOINTS:

1. Install WATERSTOP EC a minimum of 2" (50 mm) from face of wall.
2. Prior to installation, apply CLAY-TITE MASTIC in all areas to receive WATERSTOP EC or WATERSTOP EC PLUS (below water table). This is used as an adhesive to hold the waterstop in place along with the fasteners.
3. Remove release paper to expose adhesive on WATERSTOP EC.
4. Fasten with nails and washers every 12" (300 mm) O.C.
5. For subsequent applications of WATERSTOP EC, butt ends of waterstop together to ensure continuity.

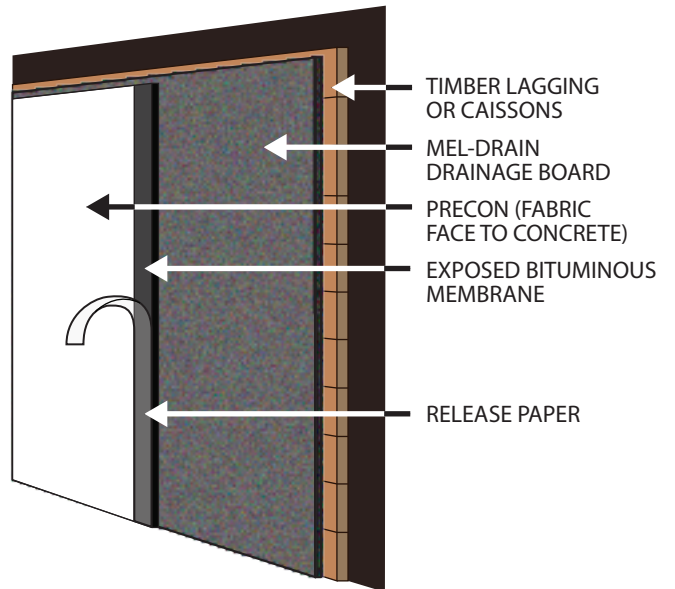
## MEMBRANE INSTALLATION

1. Mechanically fasten membrane across the top lagging at 12" (300 mm) on center, 1/2" (12 mm) from the top, with fasteners and termination bar approved by the manufacturer.
2. Ensure that the fabric side of the membrane is facing the interior side of the installation. This is the side that the concrete is to be poured against.
3. Apply HYDRALASTIC 836 over the areas where the fasteners have been attached.
4. If fasteners are required vertically, install at 24" (600 mm) O.C. in the factory edge of the membrane prior to overlap of subsequent sheet. These fasteners do not need any additional detailing.
5. Any fasteners to be installed in the field of the membrane need to be detailed with HYDRALASTIC 836, fully encasing the fastener.

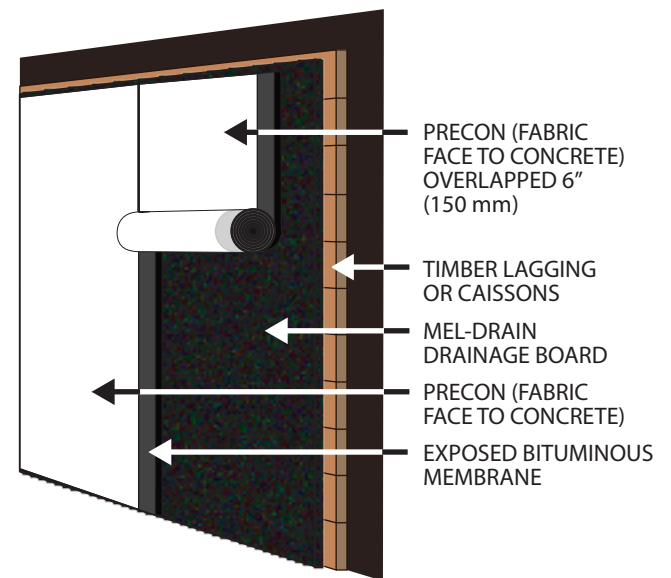
## END LAPS/FACTORY EDGE:

### FACTORY EDGE

1. Remove release paper on 6" (150 mm) factory edge exposing the bituminous membrane.



2. Overlap the edge of the subsequent sheet. Roll press into place to ensure good adhesion.

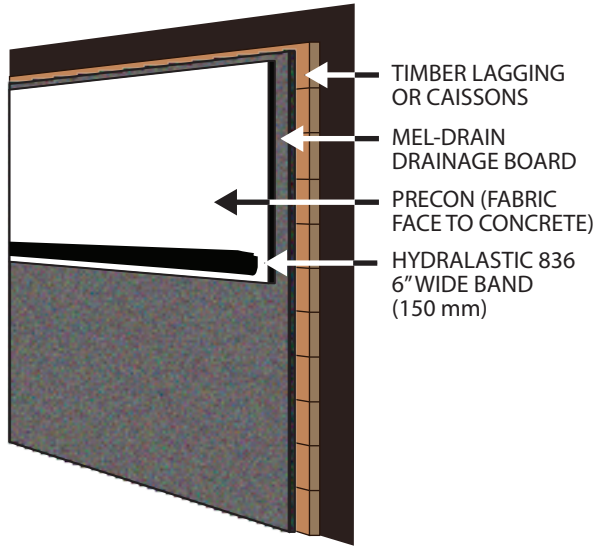




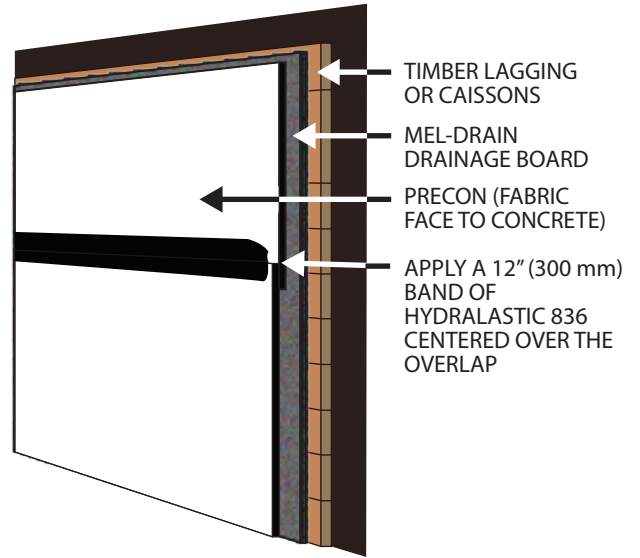
# INSTALLATION GUIDELINES PRECON®

## END LAP

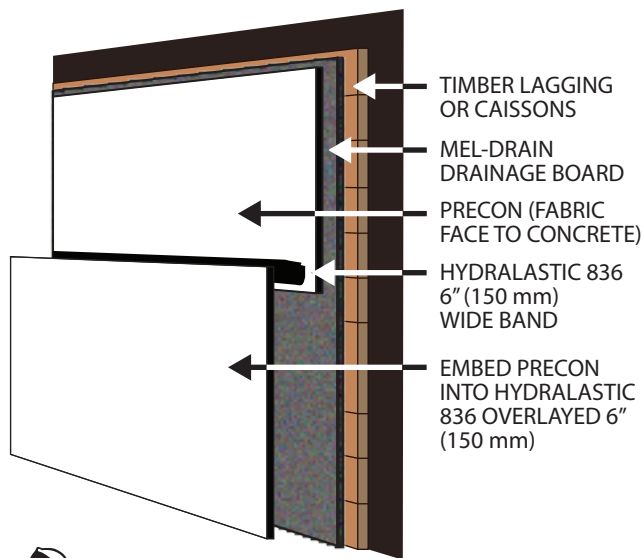
1. Apply HYDRALASTIC 836 in a 6" (150 mm) band onto the fabric face of the PRECON area to be overlapped at approximately 60 mils thickness.



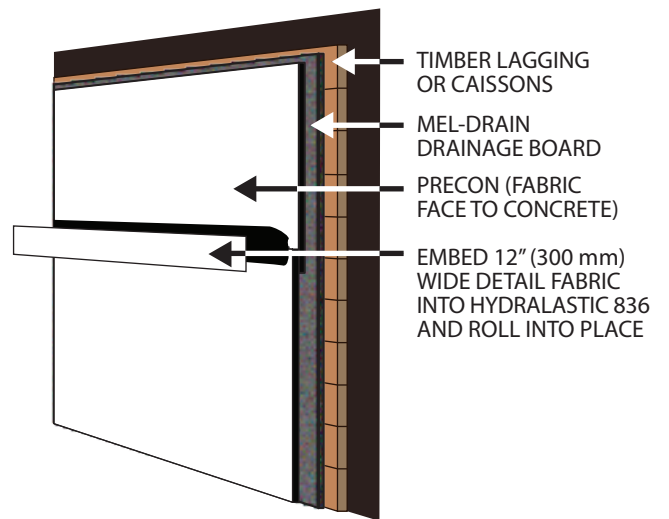
3. Apply HYDRALASTIC 836 in a 12" (300 mm) band centered over the lap edge and while still wet, embed 12" (300 mm) wide DETAIL FABRIC into the HYDRALASTIC 836.



2. Overlap this area with the subsequent sheet of PRECON and roll press into place.



4. Ensure that DETAIL FABRIC is centered over the termination with 6" (150 mm) on each side of lap edge. Press DETAIL FABRIC into place to ensure that the HYDRALASTIC 836 has fully wetted out the fabric.





# INSTALLATION GUIDELINES PRECON®

## REPAIRS

1. Small Punctures [1/2" (12.7 mm) or less]
  - a. Apply HYDRALASTIC 836 over the damaged area.
2. Punctures 1/2" to 1" (12.7 - 25.4 mm)
  - a. Apply HYDRALASTIC 836 over the damaged area extending onto PRECON.
  - b. Embed a piece of DETAIL FABRIC into the wet HYDRALASTIC 836.
3. Damaged areas greater than 1" (25.4 mm)
  - a. Remove the damaged portion of PRECON.
  - b. Apply HYDRALASTIC 836 in a 6" (150 mm) band onto the fabric face of the PRECON area to be lapped at approximately 60 mils thickness.
  - c. Install a piece of PRECON extending 6" (300 mm) from the damaged area in all directions and embed into the wet HYDRALASTIC 836. Mechanically fasten to hold into place.
  - d. Apply HYDRALASTIC 836 in a 12" (300 mm) band centered over the termination and while still wet, embed 12" (300 mm) wide DETAIL FABRIC into the HYDRALASTIC 836.
  - e. Ensure that DETAIL FABRIC is centered over the termination with 6" (150 mm) on each side of lap edge. Press DETAIL FABRIC into place to ensure that the HYDRALASTIC 836 has fully wetted out the fabric.

## INSPECTION AND PROTECTION

1. Inspect membrane prior to pouring of concrete for any punctures or damage and repair as above.
2. Protect PRECON from other trades prior to concrete placement.
3. Concrete is required to be poured within 60 days of PRECON installation.



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Phone: 847/214-2100 | Fax: 847/683-4544 | [www.wrmeadows.com](http://www.wrmeadows.com)





# INSTALLATION GUIDELINES

## PRECON® HORIZONTAL APPLICATION

This document has been created as an addendum to our PRECON technical data sheet to provide information regarding the application of PRECON waterproofing/vaporproofing membrane in a horizontal application. Following are the typical installation instructions recommended by W. R. MEADOWS. It is important to review each application as there may be situations that may require this procedure to be modified based on the project requirements. If this situation arises, please contact W. R. MEADOWS technical service.

### PRODUCTS REQUIRED

- PRECON waterproofing/vaporproofing membrane: composite sheet membrane comprised of a nonwoven fabric, elastomeric membrane, and W. R. MEADOWS' patented plasmatic core.
- HYDRALASTIC 836: cold-applied, solvent-free, single-component waterproofing compound used for detailing of PRECON at end laps, penetrations, and repairs.
- BEM: one-component, cold-applied, non-slump waterproofing material that can be used as an alternate to HYDRALASTIC 836.
- MEL-ROL LIQUID MEMBRANE (two-component): two component, 100% solids, cold-applied, non-slump waterproofing material that can be used as an alternate to HYDRALASTIC 836 and is recommended for low temperature installations of PRECON LOW TEMP.
- DETAIL FABRIC: polypropylene, staple fiber, needlepunched, non-woven geotextile fabric used for end laps and penetration details.



### LIMITATIONS

- Concrete should be poured within 60 days of membrane installation.
- PRECON may be applied at temperatures down to 40° F (5° C); however, in less than ideal environments or marginal conditions, consider the use of PRECON LOW TEMP below 60° F (16° C). PRECON LOW TEMP can be used in temperatures down to 25° F (-4° C). Please refer to the PRECON COLD WEATHER APPLICATION TECHNICAL BULLETIN for proper installation procedures.
- Prior to the concrete pour, any ponded water, dirt, or debris that has accumulated on PRECON needs to be removed as this could affect the bond of PRECON to the concrete.
- In situations where there is water accumulation behind the membrane during installation, the presence of this water may inhibit proper bond formation at the edge and end laps due to the stress resulting from the constant hydrostatic pressure exerted by this water.
- Care needs to be taken in high temperature installation situations, as softening of the elastomeric membrane could occur causing sagging.



**W. R. MEADOWS, INC.** | P.O. Box 338 | HAMPSHIRE, IL 60140-0338  
Phone: 847/214-2100 | Fax: 847/683-4544 | [www.wrmeadows.com](http://www.wrmeadows.com)



# INSTALLATION GUIDELINES

## PRECON® HORIZONTAL APPLICATION

### STORAGE

- Store materials in a clean, dry area in accordance with manufacturer's instructions.
- Store membrane cartons on pallets and cover if left outside. Keep materials away from sparks and flames.
- Store adhesive at temperatures of 40° F (4.4° C) and above to facilitate handling.
- Do not store at temperatures above 90° F (32° C) for extended periods.

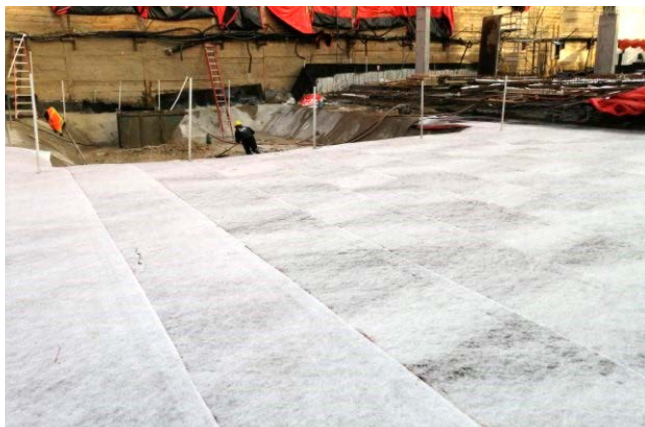
### APPLICATION

#### SURFACE PREPARATION

Inspect all surfaces for any conditions detrimental to the proper completion of the work. Surfaces should be structurally sound. Remove debris or any other foreign material that could damage the membrane.

#### APPLICATION METHOD

Install PRECON membrane with the fabric side facing towards the concrete floor. Place subsequent rolls of PRECON with a 6" (152.4 mm) overlap. Remove release paper and roll press into place with a tile roller.



When a horizontal application meets a vertical application, ensure this overlap is a minimum of 1' (.3 m) from the base of the wall. Follow the end lap detailing instructions to address the overlap in this area.



#### END LAPS

Overlap membrane 6" (152.4 mm). Prior to overlap, apply BEM, HYDRALASTIC 836, or MEL-ROL® LIQUID MEMBRANE\* (two-component) from W. R. MEADOWS in area to be lapped. Roll press membrane into BEM, HYDRALASTIC 836, or MEL-ROL LIQUID MEMBRANE.

Apply BEM, HYDRALASTIC 836, or MEL-ROL LIQUID MEMBRANE 12" (304.8 mm) wide centered over the termination and while still wet, embed 12" (31 cm) wide DETAIL FABRIC into the HYDRALASTIC 836 or MEL-ROL LIQUID MEMBRANE and roll press into place. Ensure that DETAIL FABRIC is centered over the termination with 6" (152.4 mm) on each side of lap edge. Apply additional HYDRALASTIC 836 on all terminations of DETAIL FABRIC.





# INSTALLATION GUIDELINES

## PRECON® HORIZONTAL APPLICATION



### PENETRATIONS AND PROTRUSIONS

Detail around all penetrations using BEM or MEL-ROL LIQUID MEMBRANE (two-component) from W. R. MEADOWS. Apply BEM or MEL-ROL LIQUID MEMBRANE by forming a fillet around the pipe or protrusion, overlapping the fabric side of PRECON and the protrusion a minimum of 2.5" (64 mm). If the gap between the protrusion and the membrane is greater than 1/2" (13 mm), apply PRECON FABRIC TAPE over uncured BEM or MEL-ROL LIQUID MEMBRANE. All penetration and protrusion surfaces must be clean, rust-free, and sound prior to application of BEM or MEL-ROL LIQUID MEMBRANE.

\*MEL-ROL LIQUID MEMBRANE is a two-component material, not to be confused with MEL-ROL LM.

For horizontal applications involving a cluster of penetrations, consider the use of HYDRALASTIC 836. Prior to application of HYDRALASTIC 836, prepare the surfaces of the penetrations as above and provide a block out using 2' x 4' (.6 x 1.2 m) lumber or other in order to create a "pitch pan" area to receive HYDRALASTIC 836.

### PATCHING REPAIRS

#### SMALL PUNCTURES 1/2" (12.7 MM) OR LESS

- Apply HYDRALASTIC 836 over the damaged area.

#### PUNCTURES 1/2" TO 1" (12.7 - 25.4 MM) OR LESS

- Apply HYDRALASTIC 836 over the damaged area extending onto PRECON.
- Embed a piece of DETAIL FABIR into the wet HYDRALASTIC 836.

#### DAMAGED AREAS GREATER THAN 1" (25.4 MM)

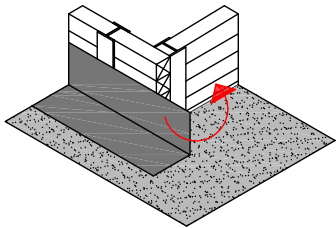
- Remove the damaged portion of PRECON.
- Apply HYDRALASTIC 836 in a 6" (150 mm) band onto the fabric face of the PRECON area to be lapped at approximately 60 mils thickness.
- Install a piece of PRECON extending 6" (300 mm) from the damaged area in all directions and embed into the wet HYDRALASTIC 836. Mechanically fasten to hold into place.
- Apply HYDRALASTIC 836 in a 12" (300 mm) band centered over the termination and while still wet, embed 12" (300 mm) wide DETAIL FABRIC into the HYDRALASTIC 836.
- Ensure that DETAIL FABRIC is centered over the termination with 6" (150 mm) on each side of lap edge. Press DETAIL FABRIC into place to ensure that the HYDRALASTIC 836 has fully wetted out the fabric.

### UNDERSLAB APPLICATION

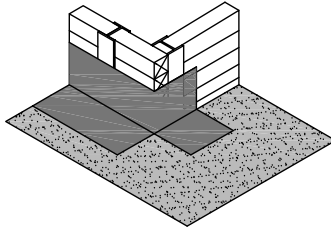
Refer to ACI 302.1R-04: Chapter 4 – Site Preparation and Placing Environment for sub-grade preparation prior to PRECON placement.



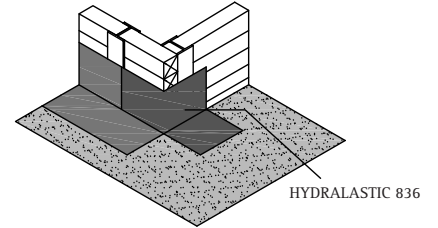
## OUTSIDE CORNER INSTALLATION INSTRUCTIONS



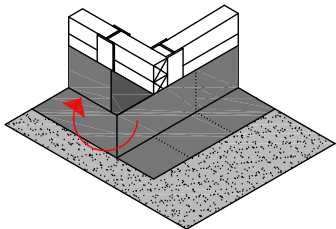
1. Install PRECON according to installation instructions onto soil stabilization system. Allow a minimum of 12" overlap to extend around outside corner.



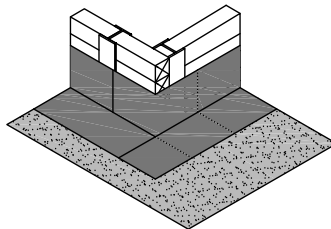
2. Cut PRECON on the horizontal to allow for ease of bending around corner and mechanically fasten according to installation instructions.



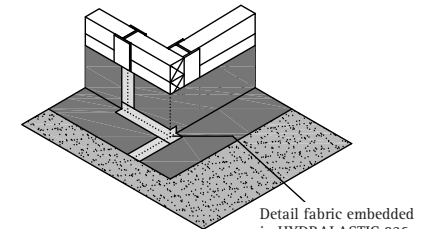
3. Apply HYDRALASTIC 836 to all overlap areas of PRECON that will be accepting the subsequent sheet of PRECON.



4. Install overlapping PRECON according to installation instructions onto soil stabilization system. Cut PRECON on the horizontal to allow for ease of bending around corner.



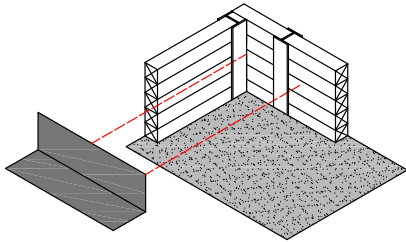
5. Embed overlaps into pre-applied HYDRALASTIC 836 and roll press into place.



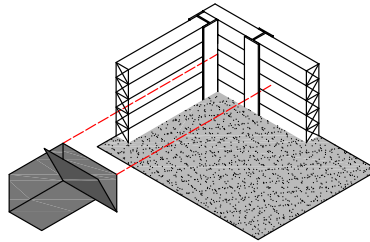
6. Apply HYDRALASTIC 836 at all overlapping joints in a 12" wide application and then fully embed detail fabric into this HYDRALASTIC 836. Terminate all edges with additional HYDRALASTIC 836.



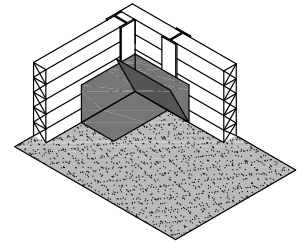
## INSIDE CORNER INSTALLATION INSTRUCTIONS



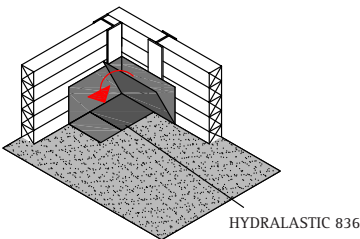
1. Install PRECON according to installation instructions onto soil stabilization system.



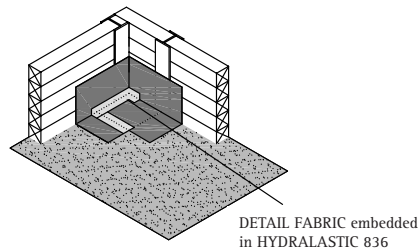
2. Cut PRECON on the horizontal to allow for ease of bending around corner.



3. Mechanically fasten according to installation instructions.



4. Apply HYDRALASTIC 836 to the area of PRECON that will be accepting the PRECON overlap, fold down overlap and embed in the HYDRALASTIC 836. Roll press into place.



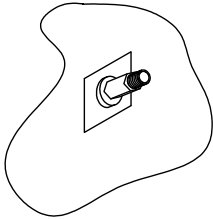
5. Apply HYDRALASTIC 836 at all overlapping joints in a 12" wide application and then fully embed DETAIL FABRIC into this HYDRALASTIC 836. Terminate all edges with additional HYDRALASTIC 836.



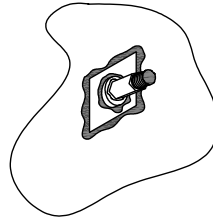


# INSTALLATION INSTRUCTIONS PRECON® SOIL NAIL

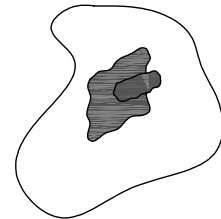
## INSTALLATION INSTRUCTIONS



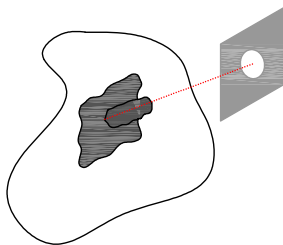
1. Ensure soil nail is clean and clear of any contaminants that could be detrimental to the bond of the HYDRALASTIC 836.



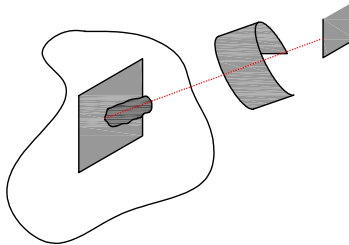
2. Apply BEM around all edges of the soil nail plate and all areas around the nut.



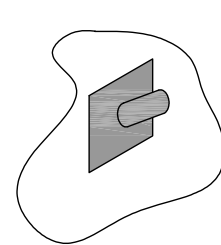
3. Apply HYDRALASTIC 836 over complete soil nail and plate, totally covering the area of the soil nail.



4. Cut a piece of DETAIL FABRIC to the dimensions of the soil nail plate and embed the fabric into the previously applied HYDRALASTIC 836.



5. Cut another two pieces of DETAIL FABRIC, one for the shaft of the soil nail, the other for the top, and embed this fabric into the previously applied HYDRALASTIC 836.



6. Ensure the soil nail is totally encapsulated in the HYDRALASTIC 836 and DETAIL FABRIC prior to application of PRECON blindside membrane.

\* Installation guidelines does not show installation of MEL-DRAIN™ or PRECON for ease of viewing each step. Refer to W. R. MEADOWS installation instructions or Technical Services for complete instructions.



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# TECHNICAL BULLETIN

## PRECON® COLD WEATHER APPLICATION

W. R. MEADOWS has developed a low-temperature version of PRECON for applications below 40° F (5° C). The minimum ambient and substrate temperature for PRECON LOW TEMP is 25° F (-4° C).

PRECON LOW TEMP and any accessory products must be stored in their original, unopened packaging at temperatures above 40° F (5° C). For optimal performance, store materials at temperatures at or near room temperatures until just prior to application.

Installation of PRECON LOW TEMP should not occur in the presence of rain, snow or ice, or if there is any ponded water as a result of melting. The presence of water on the membrane during its installation will prevent the proper adhesion of the joints. Certain environmental conditions may cause the formation of dew on the plasmatic core, which could impede the bond at the selvage edge. This may occur at temperatures above or below 40° F (5° C) and will necessitate the use of MEL-PRIME (solvent-based versions) on the selvage edge to insure a good bond at the seams.

Concrete placement should be completed within 60 days of the installation of the PRECON LOW TEMP and it is recommended it be done as soon as possible to prevent damage to the membrane. After installation, the membrane should be protected from damage.

During installation of PRECON LOW TEMP at lower temperatures and under certain environmental conditions, additional steps in the installation need to be followed to ensure that proper adhesion of the joints and overlaps is obtained.

1. MEL-PRIME (solvent-based versions) is required to be used at all factory edge joints. MEL-PRIME is to be applied at a width of 6" (152.4 mm) and allowed to dry prior to overlap of the adjoining sheet of PRECON. Following this, all areas of this overlap need to be pressure rolled for proper adhesion.
2. For optimum performance, HYDRALASTIC 836 or MEL-ROL LIQUID MEMBRANE (two-component) are to be used for all end lap details and terminations. The procedure is as follows:
  - a. Apply HYDRALASTIC 836 or MEL-ROL LIQUID MEMBRANE (two-component) in the area to be lapped at a width of 3" (7.6 cm) and roll press the overlapping PRECON while still wet.
  - b. Apply HYDRALASTIC 836 or MEL-ROL LIQUID MEMBRANE (two-component) at the termination of this overlapping sheet 12" (30 cm) wide centered over the termination.
  - c. While the HYDRALASTIC 836 or MEL-ROL LIQUID MEMBRANE (two-component) is still wet, embed 12" (30 cm) wide strip of PRECON and roll press into place. Then place DETAIL FABRIC from W. R. MEADOWS centered over the termination with 6" (152.44 mm) on each side of lap edge.
  - d. Apply additional HYDRALASTIC 836 or MEL-ROL LIQUID MEMBRANE (two-component) on all terminations of the DETAIL FABRIC.
3. Prior to placement of the concrete, ensure that the substrate is clean, dry and frost-free. The temperature of the membrane at time of concrete placement needs to be above 40° F (5° C).

Please note that HYDRALASTIC 836 can only be applied in temperatures above 30° F (-1° C). MEL-ROL LIQUID MEMBRANE (two-component) may be used on end laps, penetrations and terminations down to 25° F (-4° C).

It is important to review each application as there may be situations that would require either of these procedures to be modified based on the project requirements. If there are any concerns during the installation, contact technical support for assistance.



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# TECHNICAL BULLETIN

## DETAIL TAPE END LAP TAPING METHOD FOR PRECON® AND HYDRASTOP™ SA

### HORIZONTAL END-LAP DETAILING

On a properly prepared sub-grade, place a strip of 12" (304.8 mm) DETAIL TAPE H with the adhesive side of the tape facing upwards. Remove the release paper on the one side of the tape, exposing 6" (152.4 mm) of the rubberized asphalt and apply the PLASMATIC CORE® side of the PRECON into this and roll press into place. Following this, remove the remaining release paper on the tape and apply the subsequent roll of PRECON into this area, making sure that both rolls are butted together. Roll press this into place. Following that, apply a 12" (304.8 mm) band of the POINTING MASTIC onto this overlap at a thickness of approximately 60 mils, and embed the DETAIL FABRIC into this.

\*DETAIL TAPE H is a polymeric waterproofing membrane on a shrink-resistant, heavy-duty, polypropylene woven carrier sheet. It is nominally 65 mils thick and is 12" (304.8 mm) wide.

### VERTICAL END-LAP DETAILING

Application of this method requires the use of MEL-DRAIN™ that has been installed up against a soil retention system according to our installation instructions. Ensure the backside of the MEL-DRAIN has been cleaned and there is no residue that will inhibit the bond of the DETAIL TAPE V. Remove the release paper on one side of the tape and roll press this tape onto the MEL-DRAIN. On the side of the tape facing out, remove the release paper on the one side of the tape, exposing 6" (152.4 mm) of the rubberized asphalt and apply the PLASMATIC CORE side of the PRECON into this and roll press into place. Following this, remove the remaining release paper on the tape and apply the subsequent roll of PRECON into this area, making sure that both rolls are butted together. Roll press this into place. Following that, apply a 12" (304.8 m) band of the POINTING MASTIC onto this overlap at a thickness of approximately 60 mils, and embed the DETAIL FABRIC into this.

\*DETAIL TAPE V is a polymeric waterproofing membrane with a dual release paper. It is nominally 60 mils thick and is 12" (304.8 m) wide.

**Following is a step-by step procedure showing the sequence of a horizontal application using the Tape Method.**

On a properly prepared sub-grade, place a strip of 12" (304.8 mm) DETAIL TAPE H with the adhesive side of the tape facing upwards.



Remove the release paper on the one side of the tape and fold back to expose 6" (152.4 mm) of the rubberized asphalt and apply the PLASMATIC CORE side of the PRECON into this and roll press into place.

\*If desired, the full 12" (304.8 m) of release paper can be removed, but care must be taken to ensure that the exposed asphalt does not get dirty as that will affect adhesion of the subsequent roll.



W. R. MEADOWS, INC. | P.O. Box 338 | HAMPSHIRE, IL 60140-0338  
Phone: 847/214-2100 | Fax: 847/683-4544 | [www.wrmeadows.com](http://www.wrmeadows.com)

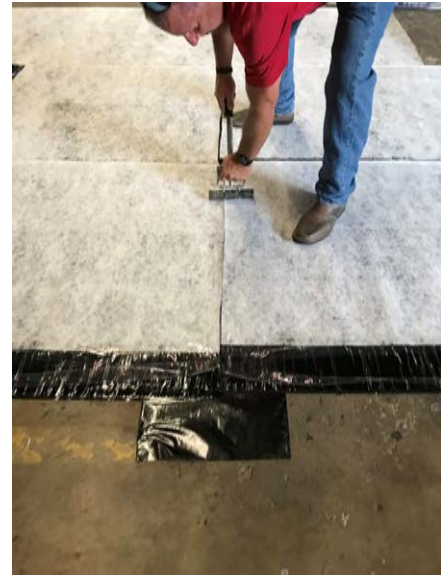




## TECHNICAL BULLETIN END LAP TAPING METHOD FOR PRECON AND HYDRASTOP SA

Following this, remove the remaining release paper on the tape and apply the subsequent roll of PRECON into this area, making sure that both rolls are butted together.

Roll press this into place.



Apply a 12" (304.8 m) band of the POINTING MASTIC onto this overlap at a thickness of approximately 60 mils.





# TECHNICAL BULLETIN END LAP TAPING METHOD FOR PRECON AND HYDRASTOP SA

Place the DETAIL FABRIC into the POINTING MASTIC making sure that it is fully embedded and roll press into place.





January 9, 2023

W. R. MEADOWS certifies the following information for PRECON® Pre-Applied / Underslab / Blindsight Waterproofing Membrane:

**LEED v4.0 - Building Product Disclosure and Optimization (MRc3 and MRc4):**

Manufacturing Location(s): Hampshire, IL 60140

Raw Material Extraction Point: Not Available

Recycled Content: 0%

**LEED v4.0 – Indoor Environmental Quality (EQc2):**

VOC Emissions: N/A - Classified as an exterior product. Not required per LEEDv4 EQc2.

VOC Content: N/A - Not a wet-applied product. Not required per LEEDv4 EQc2.

If field sampling and/or field or laboratory testing be required, W. R. MEADOWS cannot be held responsible for any cost incurred if this product is used prior to receipt of that approval.

Should you have any questions or require additional information, please feel free to contact Technical Services or your local W. R. MEADOWS Representative.

Sincerely,

A handwritten signature in black ink that reads "Kimberly Ann Lombardozzi". The signature is written in a cursive, flowing style.

Kimberly Ann Lombardozzi, LEED AP ID+C, WELL AP, fitwel Ambassador  
Sustainability Manager  
W. R. MEADOWS, INC.

## **Appendix M**

### **NYSDEC Correspondence**



# NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 2  
47-40 21st Street, Long Island City, NY 11101  
P: (718) 482-4995  
www.dec.ny.gov

October 21, 2019

Eli Weiss  
M4778 Broadway LLC  
15 Verbena Avenue #200  
Floral Park, NY 11001

Re: M4778 Broadway  
Brownfield Cleanup Program No. C231131  
Citizen Participation Plan

Dear Mr. Weiss,

The New York State Department of Environmental Conservation (NYSDEC) has reviewed the Citizen Participation Plan (CPP) for the above-referenced site dated October 2019, which was prepared by AEI Consultants on behalf M4778 Broadway LLC (the Volunteers).

The NYSDEC has determined that the CPP is adequate and is hereby approved. The CPP outlines citizen participation activities that will be undertaken to address significant public interests/ concerns about the project. Citizen participation activities will be carried out primarily by the Participant after approval from NYSDEC.

The CPP includes a Site Contact List (SCL), and a document repository which is to be maintained throughout the project. The SCL for this site may be modified by NYSDEC at any time. Any person interested in receiving information about this site can request to be added to the SCL. Fact Sheets will also be required at various stages of the project as defined in the approved CPP. Fact Sheets will be distributed to all persons on the SCL after approval by NYSDEC. In addition, all project-related documents will be made available in the document repositories listed in the CPP.

Please note that the Major Issues of Public Concerns section of the CPP may be revisited or updated any time during the project. Any proposed changes to the CPP must be approved by NYSDEC.

*Mr. E. Weiss  
M4778 Broadway (C231131)  
Page 2*

If you have any further questions, please call me at 718-482-6725 or email me at [steven.wu@dec.ny.gov](mailto:steven.wu@dec.ny.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Steven Wu".

Steven Wu  
Project Manager

ec: J. O'Connell, T. Panzone– NYSDEC  
J. Deming, S. McLaughlin– NYSDOH  
A. Cauterucci – AEI Consultants

# NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 2  
47-40 21st Street, Long Island City, NY 11101  
P: (718) 482-4995  
www.dec.ny.gov

November 14, 2019

Eli Weiss  
M4778 Broadway LLC  
15 Verbena Avenue #200  
Floral Park, NY 11001

Re: M4778 Broadway  
Brownfield Cleanup Program No. C231131  
Remedial Investigation Work Plan

Dear Mr. Weiss,

The New York State Department of Environmental Conservation (the Department), in consultation with the New York State Department of Health (NYSDOH), has reviewed the revised Remedial Investigation Work Plan (RIWP) for the above referenced BCP site dated November 2019, which was prepared by AEI Consultants on behalf of M4778 Broadway LLC (the Volunteer). The RIWP has been revised to adequately address comments provided by the Department and NYSDOH on previous drafts of the document and is hereby approved.

The Volunteer and its contractors are solely responsible for the safe execution of all invasive and other field work performed under the RIWP. The Volunteer and its contractors must obtain all local, state, and/or federal permits or approvals that may be required to perform work under the RIWP. Further, the Volunteer and its contractors are solely responsible for the identification of utilities that might be affected by work under the Plan and, the implementation of all required, appropriate, or necessary health and safety measures during performance of work under the RIWP.

In accordance with the requirements of the Brownfield Cleanup Agreement, please place a copy of the approved Plan in the document repositories and provide certification that the repositories have been populated with all relevant site-related documents. Any draft copies of the RIWP should be removed.

In accordance with the terms of the Brownfield Cleanup Agreement (BCA), please notify the Department at least 7 days in advance of commencing fieldwork related to the RIWP.

*Mr. E. Weiss  
M4778 Broadway (C231131)  
Page 2*

If you have any further questions, please call me at 718-482-6725 or email me at [steven.wu@dec.ny.gov](mailto:steven.wu@dec.ny.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Steven Wu". The signature is written in a cursive, flowing style.

Steven Wu  
Project Manager

ec: J. O'Connell– NYSDEC  
J. Deming, S. McLaughlin– NYSDOH  
A. Cauterucci – AEI Consultants



# NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Region 2  
47-40 21st Street, Long Island City, NY 11101  
P: (718) 482-4995  
www.dec.ny.gov

August 19, 2021

Eli Weiss  
M4778 Broadway LLC  
15 Verbena Avenue #200  
Floral Park, NY 11001

**Re: M4778 Broadway  
Site ID No. C231131  
Remedial Investigation Report, Remedial Action Work Plan & Decision  
Document**

Dear Mr. Weiss:

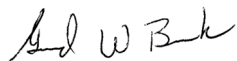
The New York State Department of Environmental Conservation (Department) and the New York State Department of Health (NYSDOH) have reviewed the Remedial Investigation Report (RIR) dated December 2020 and the Remedial Action Work Plan (RAWP) dated April 2021 for the M4778 Broadway site. The RIR was prepared by AEI Consultants and the RAWP was prepared by HCS Civil & Environmental Engineering on behalf of M4778 Broadway LLC (the Volunteer). The RIR and RAWP are hereby approved. Please ensure that a copy of the approved RIR and RAWP are placed in the document repositories. The draft documents should be removed.

The approved RIR must also be placed in the project document repositories within 5 business days. Any draft copies of the document should be removed. A certification that these documents have been placed in the project repositories, and that the repositories are complete with all project documents, must be submitted to the NYSDEC project manager.

Attached is a copy of the Department's Decision Document for the site. The remedy is to be implemented in accordance with this Decision Document. Please ensure that a copy of the Decision Document is placed in the document repositories.

Please contact the Department's Project Manager, Steven Wu, at [steven.wu@dec.ny.gov](mailto:steven.wu@dec.ny.gov) at your earliest convenience to discuss next steps. Please recall the Department requires seven days' notice prior to the start of field work.

Sincerely,



Gerard Burke  
Director  
Remedial Bureau B  
Division of Environmental Remediation

*Mr. Eli Weiss*  
*M4778 Broadway (C231131)*  
*Page 2*

ec w/attachments:

M. Ryan, J. O'Connell, S. Wu, J. Simpson – NYSDEC  
S. McLaughlin, S. Surani – NYSDOH  
A. Cauterucci – AEI Consultants  
P. Clark – HCS Civil & Environmental Engineering LLC  
G. Duke – Brown, Duke & Fogel P.C.  
Matt Gokey – NYSDTF ([matthew.gokey@tax.ny.gov](mailto:matthew.gokey@tax.ny.gov))

## NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation, Remedial Bureau B

625 Broadway, 12th Floor, Albany, NY 12233-7016

P: (518) 402-9767 | F: (518) 402-9773

[www.dec.ny.gov](http://www.dec.ny.gov)

October 31, 2022

Eli Weiss  
M4778 Broadway LLC  
15 Verbena Avenue, Suite 200  
Floral Park, NY 11001

Re: M4778 Broadway  
Brownfield Cleanup Program No. C231131  
In-Situ Groundwater Remediation Design Report

Dear Eli Weiss,

The New York State Department of Environmental Conservation (the NYSDEC) and the New York State Department of Health have completed its review of the In-Situ Groundwater Remediation Design Report (the Remedial Design) dated October 27, 2022, which was prepared by HCS Civil & Environmental Engineering, LLC on behalf of M4778 Broadway LLC (the Volunteer). The Remedial Design is in accordance with the approved Remedial Action Work Plan dated August 2021 and is hereby approved.

The approved Remedial Design and a copy of this letter must be placed by the Volunteer in all publicly accessible repositories for the project within 5 business days. A certification that the documents have been placed in the project repositories, and that the repositories are complete with all project documents, must be submitted to the NYSDEC project manager.

The Volunteer and its contractors are solely responsible for safe execution of all invasive and other work performed under the Remedial Design. In particular, the Volunteer and its contractors are responsible for protection of the structural integrity of buildings, utilities, and other structures both onsite and offsite that may be adversely affected by the proposed work. The Volunteer and its contractors must obtain all local, state or federal permits or approvals that may be required to perform work under the Remedial Design. Further, the Volunteer and its contractors are solely responsible for the identification of utilities that might be affected by work under the Remedial Design and implementation of all required, appropriate, or necessary health and safety measures during performance of work under the approved Remedial Design.

If you have any questions regarding this letter, please email me at [steven.wu@dec.ny.gov](mailto:steven.wu@dec.ny.gov).



Department of  
Environmental  
Conservation

E. Weiss  
M4778 Broadway (C231131)  
Page 2

Sincerely,

A handwritten signature in black ink, appearing to read "Steven Wu". The signature is fluid and cursive, with a prominent initial "S" and a long, sweeping underline.

Steven Wu  
Project Manager

cc: J. O'Connell, C. Maycock – NYSDEC  
S. McLaughlin, S. Surani – NYSDOH  
A. Cauterucci, D. Bausmith – AEI Consultants  
P. Clark – HCS Civil & Environmental Engineering

## **Appendix N**

### **Green Sustainable Remediation Evaluation**





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February 3, 2025  
41.0163310.00

M4778 Broadway LLC  
15 Verbana Avenue, Suite 200  
Floral Park, New York 11001

### **Green and Sustainable Remediation Evaluation**

4778 Broadway  
New York, NY 10034

Sites remediated under the oversight of the New York State Department of Environmental Conservation (NYSDEC) are required to incorporate the concepts of green remediation into all phases of the cleanup process in accordance with DER-31. Green remediation is defined as *“the practice of considering all environmental effects of remedy implementation and incorporating options to minimize the environmental footprint of cleanup actions.”* GZA GeoEnvironmental of New York (GZA) has completed the following evaluation of the remedial activities associated with the *Final Engineering Report* for the site located at 4778 Broadway New York, New York utilizing the SiteWise™ tool for green and sustainable remediation tracking and information provided by the site owner, M4778 Broadway LLC, and its subcontractors.

### **BACKGROUND**

The site is located at Block 2233, Lot 10 in Manhattan County New York and identified as 4778 Broadway New York, New York 10034. M4778 Broadway LLC entered into the Brownfield Cleanup Program with the NYSDEC to investigate and remediate the site for the development of a mixed use commercial and residential property. The site is approximately 0.28 acres and is situated in the Inwood section of Manhattan and surrounded by commercial properties, a school, a hospital, and public library. The site has undergone a previous remedial investigation, and the remedial action was designed to meet the Track 2 Restricted Residential Use Soil Cleanup Objectives.

The remedial actions under the *Final Engineering Report* included the excavation of impacted soils, removal of underground storage tanks (USTs), excavation dewatering and treatment, the installation of soil cover system and sub-slab depressurization system (SSDS), and groundwater in-situ chemical oxidation (ISCO) injections. Descriptions of the general activities performed under these actions as well as the parameters used for the SiteWise™ evaluation are presented in the following sections.

### **COMPONENT 1 – EXCAVATION AND UNDERGROUND STORAGE TANK REMOVAL**

The entirety of the site footprint was excavated to remove a total of 10,159.15 tons of non-hazardous soil. The excavation was completed to a depth of 15 feet with the exception of the southwest edge of the property was only excavated to six feet to provide excavation support in the form of benching. In conjunction with the excavation, a total of 17 USTs were located, removed, and closed. Each UST was cut open, cleaned, and scraped offsite. At the completion of excavation, confirmation samples for Volatile Organic Compounds (VOCs) and Semi-Volatile Organic



Compounds (SVOCs) were collected from every 900 square feet of the bottom of excavation and every 30 feet of side wall. The soil removed from the site constitute the removal of soil source material and remaining contamination is considered saturated soils to be address via ISCO injections. For the SiteWise™ evaluation of the work completed under the excavation and UST removal activities includes information tracked during the remedial action as well as assumptions for some metrics that were not actively tracked.

Material production impacts during these activities were not incurred as no measurable consumable materials were used during the excavation and UST removal. Gravel used as backfill material is tracked under the soil cover system component of this evaluation.

Transportation impacts during these activities were related to the regular transportation of site management and construction personnel and the equipment used at the site. Due to the overlapping nature of the remedial actions presented in each of the components all of the transportation for site management and construction personnel were tracked under the excavation and UST removal component for the 102 days of remedial construction. For the evaluation personnel were split between taking the car and local subway transit. Three personnel were included as traveling by individual car for an average of 25 miles for the duration of the work. Seven personnel were included as traveling an average of 3 miles via subway. Estimates for personnel transportation were based on the actual commute information for individuals regularly traveling to the site. Equipment transported to the site for use during the excavation and UST removal work included a Link Belt 300 Series excavator (80,000 lbs), a Kubota mini excavator (36,000 lbs), a Takeuchi tracked skid steer (20,220 lbs), a Comacchio drill rig (90,000 lbs), and a Sullair towable air compressor (4,840 lbs). Equipment transportation was from an unknown location and was assumed to be 50 miles as a conservative estimate.

Equipment use at the site was related to the excavation of soils, material transfer, excavation support, and rock breaking. The link belt excavator was responsible for the excavation of the bulk of the area and loadout of soil for offsite disposal, therefore coming into contact with all 10,159.15 tons removed, or roughly 7,257 cubic yards (CY). The mini excavator was used for excavating harder to reach areas and conservatively come into contact with approximately half of the total excavated soil, or 3,628 CY. The drill rig was used for the installation of excavation support seven and a half hours per day over a 30 day period. The total 290 hours was estimated as 90 boring locations with 2.5 hours per location. The air compressor was used daily for powering jackhammers and rock breakers and was estimated to be used for two hours per day for the entire 102 days. Due to the overlapping implementation of the separate components some of the equipment usage from other components is included in these equipment usage estimates and is indicated in the subsequent component sections.

Construction labor at the site was consistent throughout the 102 working days. Seven laborers were present each day for eight hour shifts totaling 5,712 working hours. During the excavation, water was regularly used for dust control and truck washing. An estimated 150 gallons of water was used per day during the 102 working days for a total of 15,300 gallons. At the completion of the excavation 40 confirmation samples were collected from the bottom and sidewalls of the excavation. Samples were analyzed for VOCs and SVOCs and the total laboratory costs were \$9,600.

Residuals handled during this component included the offsite disposal of excavated soil, impacted water from the USTs and the scrap metal from the USTs. Soil was split between two non-hazardous soil facilities, VIP Capital Development in East Bangor, Pennsylvania (77.4 miles away) and Clean Earth Carteret in



Carteret, New Jersey (33.8 miles away). A total of 198 trucks transporting 6,278.5 tons of soil went to VIP Capital Development and 116 trucks transporting 3,883.38 tons were transported to Clean Earth Carteret. All 10,159.15 tons of disposed soil was input into non-hazardous landfills. Impacted water from the USTs was removed via vacuum truck and transported to New York Oil Recovery in Brooklyn, NY (13.2 miles away). A total of 2,662 gallons of water was disposed of across five separate truck loads. Scrap metal from the USTs was split between Westside Transload in North Bergen, NJ (16.3 miles away) and Sal's Metal Corp in Bronx, NY (5.6 miles way). A total of 6.22 tons of scrap metal was transferred to Westside Transload via a single truckload and 4.34 tons of scrap metal was transferred to Sal's Metal Corp via a single truckload.

## **COMPONENT 2 – DEWATERING AND GROUNDWATER TREATMENT**

During the excavation of the site, a dewatering and treatment system was mobilized to remove water from areas of the excavation impacted by the groundwater table. The treatment system included a sedimentation tank, oil water separator, bag filters, and two granular activated carbon (GAC) units in series prior to discharging the city sewer. Initial design for the system included up to 10 dewatering points depending on the level of groundwater impact. However, during actual excavation the only area impacted by groundwater was the deeper elevator pit location and required two sumps.

The material production impacts of resources used for the dewatering and treatment system included the stone used for the sumps, the GAC, the filter bags, and the polyvinyl chloride (PVC) hosing and pipe used for water transfer. For the sumps, approximately one cubic foot of  $\frac{3}{4}$  inch stone was used for each sump. For the treatment system, two 2,000 lbs GAC units were used for a total of two tons of virgin GAC material. The water transfer for the system used a combination of 150 feet of two inch PVC lay-flat hose to transfer from the sumps and approximately 100 feet of 8-inch PVC pipe for connections between system components and the discharge line. Total PVC lay-flat hose used included approximately 35 lbs of PVC based on the hose weighing approximately 0.23 lbs per foot. The 8-inch PVC pipe was input into SiteWise™ using the well materials section. SiteWise™ does not have an established estimate for the material production impacts of filters for a treatment system. The filter bags used were Rosedale PE-5-P12RPE which include approximately 5.5 square feet of polyester felt filter material. Polyester is a synthetic fiber derived from petroleum and requires high amounts of energy to produce which categorizes it as a high-impact material. To evaluate its production impacts in SiteWise™, the High Impact Material density found in Table 1C of the tool was changed to 0.000367 grams per gallon of the material based on the density of polyester staple fiber. A total of 1.8045 lbs of polyester was used for this evaluation based on the weight of the filters used.

Transportation impacts during these activities were related to the transportation of the technicians setting up and breaking down the treatment system and the transportation of the treatment system equipment to and from the site. Regular operation and the system were completed by the construction crew onsite and their transportation impacts are covered under component 1. All personnel and equipment were transported to the site utilizing two flat bed trucks with four technicians. The total weight transferred by the trucks is 18,750 lbs and included two 1,500 lbs GAC units, one 400 lbs oil water separator, one 350 lbs bag filter duplex unit, and one 15,000 lbs settling tank. All materials and personnel came from Groundwater Treatment Technologies Wharton, New Jersey Facility (42 miles away).





Equipment use during the dewatering and groundwater treatment component are related to the use of link belt excavator and skid steer to setup and tear down the equipment, the dewatering and system pumps, and the technician labor. The link belt excavator is a 205 horsepower diesel engine and the skid steer is a 74 horsepower diesel engine. Both were operated for 4 hours during the setup and teardown of the system. Due to the constraints of SiteWise™, the excavator was evaluated as a 270 horsepower excavator and the skid steer was evaluated as an 80 horsepower loader. The pumps utilized for the sump and transfer pumps for the system were Koshin PBX-65011 submersible pumps with 0.5 horsepower motors. Four pumps were used between the two sumps and the treatment system and were operated 24 hours a day for 30 days until the slab was poured for the elevator sump. Technician labor specific to this component includes the two eight hour days for setup and teardown by four technicians. Day to day labor for the system is included in the onsite labor hours included for component one.

Residual handling associated with this component is related to the disposal of the GAC and wastewater. GAC was disposed of with the non-hazardous soil disposal. Transportation for GAC disposal is captured in component one under the soil disposal trucking. A total two tons of GAC was disposed of in non-hazardous landfill. A total of 5,600 gallons of treated groundwater from dewatering was discharge to the sewer which transported it to a wastewater treatment facility.

### **COMPONENT 3 – SOIL COVER SYSTEM AND SUB-SLAB DEPRESSURIZATION SYSTEM**

As sections of the excavation work was completed and graded, the installation of the soil cover system and SSDS began concurrently. The soil cover system was comprised of a geotextile fabric layer on existing soils, 12 inches of ¾ inch stone, an additional geotextile fabric layer, a dual layer vapor and moisture barrier system and 3 feet of structural concrete slab. The piping for the SSDS consisted of 1,000 feet of perforated four inch PVC run horizontally within the 12 inch stone layer of the soil cover system and 200 feet of 4-inch steel riser pipe discharging to the roof of the development. Operations of the SSDS system for the site will be covered under the *Site Management Plan*.

The material production impacts of resources used for the dewatering system include the soil cover system materials and piping for the SSDS system. SSDS pipe production was evaluated by utilizing 1,000 feet of four inch schedule 40 PVC pipe and 200 feet of four inch schedule 40 steel pipe under well materials. A total of 699.44 tons of ¾ inch stone was used for the soil cover system and was documented as gravel in the SiteWise™ tool. A total of 11,841 square feet of area was covered with three feet of concrete. A total of 17,430 square feet of area was covered with the dual layer vapor and moisture barrier which is 93 mil thick. A total 23,682 square feet of geotextile fabric was used for the two layers. However, SiteWise™ does not have a material similar to a geotextile fabric preloaded into the look up tables. To document the geotextile layers' production impacts, Material A in look up table 1c was input as the geotextile production emission factors and material density. The geotextile used to evaluate the impacts was Mirafi 800E geotextile which is comprised of polypropylene fibers and has a density of 266 lbs per 500 square yards. Emission factors were sourced from the Federal Life Cycle Assessment Common's National Renewable Energy Laboratory Unit and System Life Cycle Inventory 2024 database for polypropylene production. An estimated 1,400 lbs of geotextile fabric was input into the added SiteWise™ material for the evaluation.

Personnel transportation impacts associated with this component are covered under the transportation impacts of component one. Transportation impacts documented in this component include the import of



stone from Braen Stone in Haledon, New Jersey and concrete from Titan Concrete in Bronx, New York. A total of 30 trucks transported 699.44 tons of stone from Haledon, New Jersey to the site for a 21.3 mile route. A total of 137 trucks transported 1370 cubic yards of concrete from Bronx, New York to the site for an 8 mile trip. These impacts were documented under the residual disposal section of the SiteWise™ tool. Additionally, two concrete pumps were transported to the site for the foundation pouring. The pumps were transported to the site on a daily basis by the concrete trucks.

Equipment used onsite during the soil cover system and SSDS component is associated with the placement of stone and concrete during the soil cover installation. The skid steer was used to place stone generally around the site and the stone was graded by hand. Impacts from the skid steer usage were estimated as 1 hour of operation per day for 31 days of installation with an 80 horsepower loader. Two 50 to 75 horsepower concrete pumps were used to pour the concrete for the cover system over 2 days of work. The pumps were run for approximately 8 hours per day during pouring.

#### **COMPONENT 4 – IN-SITU CHEMICAL OXIDATION INJECTIONS**

In conjunction with the installation of the soil cover system, 11 permanent injection wells were installed at the site to 15 feet below the basement sub grade or to bedrock, whichever is shallower. After completion of the foundation, the first round of injections was completed over 8 days with Regenesi's PersulfOx® and water. The supplemental round of injections was completed over 7 days with the same chemicals and water.

Material production impacts from the resources used at the site are related to the production of the injection well materials, HDPE corrugated pipe for the injection, and the PersulfOx®. The injection wells were constructed utilizing up to 15 feet of four inch PVC screen and riser per well, 1,270 kilograms of sand for the filter pack, 408 kilograms of bentonite for the seal, 1,270 kilograms of cement for the remaining void space, and 249 kilograms of steel for the stickup well protection. Approximately 200 feet of flexible HDPE pipe was used for transferring the injection mixture to the injection wells which totals approximately 22 lbs of HDPE. PersulfOx® is comprised of a mixture of sodium persulfate and sodium silicate that is mixed in water to produce the injection mixture. Sodium persulfate and sodium silicate are not materials available in the SiteWise™ tool. Emission factors for the production of sodium persulfate and sodium silicate are also not available for more accurately estimating the emissions from the production of PersulfOx®. In order to account for the impact of the oxidation material production, the conversion factors for "other treatment chemicals and materials" from the United States Environmental Protection Agency's Spreadsheets for Environmental Footprint Analysis was added to the SiteWise Table 1c for bulk materials. The emission and energy consumption factors used are sourced from the average of seven common treatment chemicals as reported by Ecoinvent v2.1 from Ecoinvent Centre for Life-Cycle Inventories. The density of the PersulfOx® was added to Table 1c of SiteWise™ for accurate conversion of the estimated emission factors.

Transportation impacts for this component are related to the mobilization of the drill rig, drilling technicians, and injection mixing equipment and materials to and from the site. The drilling team consisted of 2 technicians with a Geoprobe 6612 drill rig (36,000 lbs). The drillers transported the drill rig to the site utilizing a pickup truck with a trailer and commuted to the site with the pickup truck daily. The drilling took place over three days and the injections took an additional eight days. Materials for the injection were brought to the site via the pickup truck and trailer. A total of 6 roundtrip equipment



transportation trips were input into SiteWise™ including the 2 trips for the 18 ton drill rig and the 4 trips for the 5.26 tons of injection materials from Brewster, New York. An additional 4 trips with just the pickup truck for the driller transportation, and 28 trips for the injection crew between the two rounds.

Equipment used at the site includes the drill rig for well installation and a pump for the injections. The drill rig installed 11 wells with approximately 3 hours spent at each well. The pump utilized was a Honda GX160 trash pump (4.8 horsepower) and was utilized for eight days at eight hours per day for the first round of injections and seven days at eight hours per day for the supplemental injections.. A total of 176 hours of technician labor was completed between the well drilling and first round of injections and 168 hours for the supplemental round of injections..

Residual handling from this component was limited to general trash from materials used for the injection that were thrown away with general trash pickup. To estimate impact a conservative estimate of 100 lbs of trash was used for disposal in a non-hazardous landfill during each round of injections. The transportation of trash was assumed to be from the site to the Department of Sanitation New York transfer facility at 135<sup>th</sup> street approximately 3.8 miles away via a trash truck. Additionally, 7,146 gallons of potable water were used as the mixture with PersulfOx® for first round of injections and 17,986 gallons of potable water was used during the supplemental injections.

## EVALUATION RESULTS SUMMARY

SiteWise™ breaks down the impacts of project into the following categories:

- Greenhouse gas emissions (metric tons)
- Total energy used (million british thermal units)
- Water consumption (gallons)
- Electricity Usage (megawatt hours)
- Onsite nitrous oxide emissions (metric tons)
- Onsite sulfur oxide emissions (metric tons)
- Onsite particulate matter less than 10 microns (PM10) emissions (metric tons)
- Total nitrous oxide emissions (metric tons)
- Total sulfur oxide emissions (metric tons)
- Total PM10 emissions (metric tons)
- Accident fatality risk
- Accident injury risk

The project impacts for these categories are provided for project wide evaluation as well as individual components of the project. The detailed summary of the evaluation, including the breakdown of overall project and individual component environmental footprints, is provided in **Attachment 1**. A climate screening checklist of the remedy is also provided as **Attachment 2**.

Overall, the project related impacts included a total of 603.97 metric tons of greenhouse gas emissions, 13,285.15 Million British thermal units of energy consumed, 56,044.72 gallons of water consumed, and 19.63 megawatt hours of electricity used. An estimated 12.1% percent of the electricity consumed onsite was from a renewable source, such as solar or wind



February 3, 2025  
File No. 41.0163310.10  
Green Sustainable Remediation Evaluation | FER  
4778 Broadway New York, NY

## **Attachment 1**

# SiteWise™ Environmental Footprint Analysis



February 3, 2025  
File No. 41.0163310.10  
Green Sustainable Remediation Evaluation | FER  
4778 Broadway New York, NY

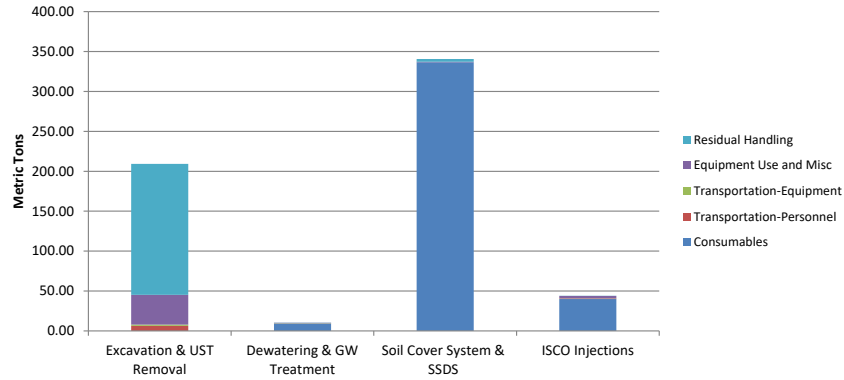
## Overall Project Impact Summary

**Sustainable Remediation - Environmental Footprint Summary**  
**4778 Broadway FER**

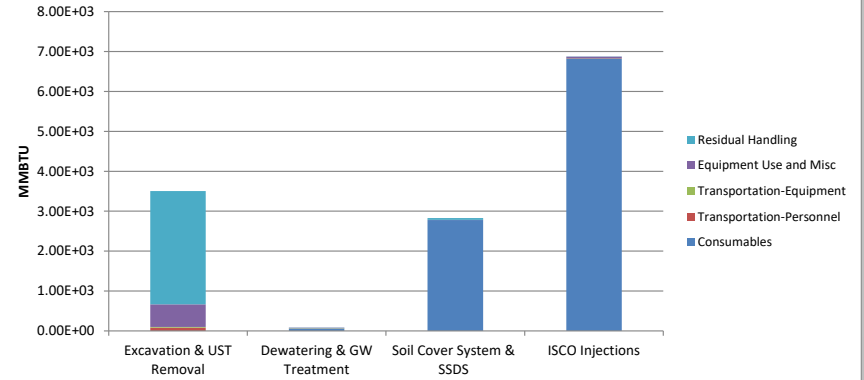
Phase	Activities	GHG Emissions	Total Energy Used	Water Consumption	Electricity Usage	Onsite NOx Emissions	Onsite SOx Emissions	Onsite PM10 Emissions	Total NOx Emissions	Total SOx Emissions	Total PM10 Emissions	Accident Risk Fatality	Accident Risk Injury
		metric ton	MMBTU	gallons	MWH	metric ton	metric ton	metric ton	metric ton	metric ton	metric ton	metric ton	
Excavation & UST Removal	Consumables	0.00	0.0E+00	NA	NA	NA	NA	NA	0.0E+00	0.0E+00	0.0E+00	NA	NA
	Transportation-Personnel	6.39	8.0E+01	NA	NA	NA	NA	NA	2.2E-03	8.0E-04	4.5E-04	1.2E-04	9.8E-03
	Transportation-Equipment	1.62	2.1E+01	NA	NA	NA	NA	NA	5.1E-04	9.0E-06	4.5E-05	3.9E-06	3.1E-04
	Equipment Use and Misc	37.30	5.7E+02	2.5E+04	1.9E+01	2.3E-01	3.1E-02	2.0E-02	2.7E-01	6.3E-02	2.9E-02	5.5E-04	1.4E-01
	Residual Handling	163.98	2.8E+03	NA	NA	0.0E+00	0.0E+00	0.0E+00	6.6E-01	3.5E-01	1.8E+00	1.5E-04	1.2E-02
	Sub-Total	209.28	3.50E+03	2.48E+04	1.86E+01	2.31E-01	3.07E-02	2.01E-02	9.38E-01	4.09E-01	1.87E+00	8.25E-04	1.60E-01
Dewatering & GW Treatment	Consumables	9.01	6.1E+01	NA	NA	NA	NA	NA	1.7E-03	2.7E-03	3.8E-04	NA	NA
	Transportation-Personnel	0.00	0.0E+00	NA	NA	NA	NA	NA	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
	Transportation-Equipment	0.49	6.4E+00	NA	NA	NA	NA	NA	1.5E-04	2.7E-06	1.4E-05	1.3E-06	1.1E-04
	Equipment Use and Misc	0.63	1.2E+01	6.1E+03	1.1E+00	1.7E-03	4.4E-04	1.7E-04	2.2E-03	1.0E-03	4.5E-04	3.9E-06	1.6E-03
	Residual Handling	0.02	4.3E-01	NA	NA	0.0E+00	0.0E+00	0.0E+00	1.3E-04	6.8E-05	3.6E-04	0.0E+00	0.0E+00
	Sub-Total	10.15	7.97E+01	6.15E+03	1.07E+00	1.67E-03	4.36E-04	1.72E-04	4.17E-03	3.75E-03	1.21E-03	5.19E-06	1.69E-03
Soil Cover System & SSDS	Consumables	336.63	2.8E+03	NA	NA	NA	NA	NA	7.0E-01	1.4E+00	2.8E-01	NA	NA
	Transportation-Personnel	0.00	0.0E+00	NA	NA	NA	NA	NA	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
	Transportation-Equipment	0.00	0.0E+00	NA	NA	NA	NA	NA	0.0E+00	0.0E+00	0.0E+00	0.0E+00	0.0E+00
	Equipment Use and Misc	0.61	8.1E+00	0.0E+00	0.0E+00	5.0E-03	1.0E-03	7.8E-04	5.4E-03	1.2E-03	8.4E-04	1.8E-06	4.4E-04
	Residual Handling	3.40	4.4E+01	NA	NA	0.0E+00	0.0E+00	0.0E+00	1.1E-03	1.9E-05	9.5E-05	1.4E-05	1.1E-03
	Sub-Total	340.65	2.83E+03	0.00E+00	0.00E+00	5.03E-03	1.01E-03	7.83E-04	7.04E-01	1.35E+00	2.80E-01	1.53E-05	1.53E-03
ISCO Injections	Consumables	39.99	6.8E+03	NA	NA	NA	NA	NA	7.8E-02	1.6E-01	1.6E-02	NA	NA
	Transportation-Personnel	0.57	7.2E+00	NA	NA	NA	NA	NA	2.4E-04	1.9E-05	3.4E-05	1.6E-05	1.3E-03
	Transportation-Equipment	0.24	3.3E+00	NA	NA	NA	NA	NA	7.7E-05	3.1E-06	6.2E-06	1.2E-06	9.4E-05
	Equipment Use and Misc	3.07	3.7E+01	2.5E+04	0.0E+00	2.7E-02	2.7E-03	3.7E-03	2.9E-02	3.7E-03	4.2E-03	4.6E-06	2.7E-03
	Residual Handling	0.01	1.7E-01	NA	NA	0.0E+00	0.0E+00	0.0E+00	9.9E-06	3.5E-06	1.8E-05	6.2E-08	5.0E-06
	Sub-Total	43.89	6.87E+03	2.51E+04	0.00E+00	2.70E-02	2.74E-03	3.73E-03	1.07E-01	1.63E-01	1.98E-02	2.18E-05	4.04E-03
<b>Total</b>		<b>6.0E+02</b>	<b>1.3E+04</b>	<b>5.6E+04</b>	<b>2.0E+01</b>	<b>2.7E-01</b>	<b>3.5E-02</b>	<b>2.5E-02</b>	<b>1.8E+00</b>	<b>1.9E+00</b>	<b>2.2E+00</b>	<b>8.7E-04</b>	<b>1.7E-01</b>

Remedial Alternative Phase	Non-Hazardous Waste Landfill Space	Hazardous Waste Landfill Space	Topsoil Consumption	Costing	Lost Hours - Injury	Percent electricity from renewable sources	Total Cost with Footprint Reduction
	tons	tons	cubic yards	\$		%	
Excavation & UST	1.0E+04	0.0E+00	0.0E+00	0	1.3E+00	24.2%	\$0
Dewatering & GW Treatment	2.0E+00	0.0E+00	0.0E+00	0	1.4E-02	24.2%	
Soil Cover System & SSDS	0.0E+00	0.0E+00	0.0E+00	0	1.2E-02	0.0%	
ISCO Injections	1.0E-01	0.0E+00	0.0E+00	0	3.2E-02	0.0%	
<b>Total</b>	<b>1.0E+04</b>	<b>0.0E+00</b>	<b>0.0E+00</b>	<b>\$0</b>	<b>1.3E+00</b>	<b>12.1%</b>	

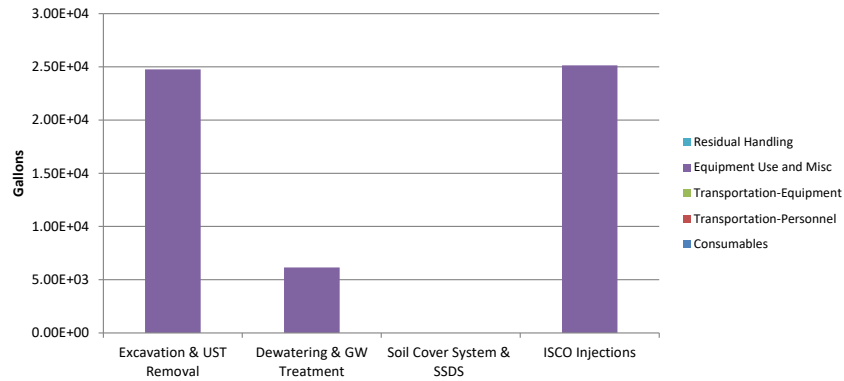
### GHG Emissions



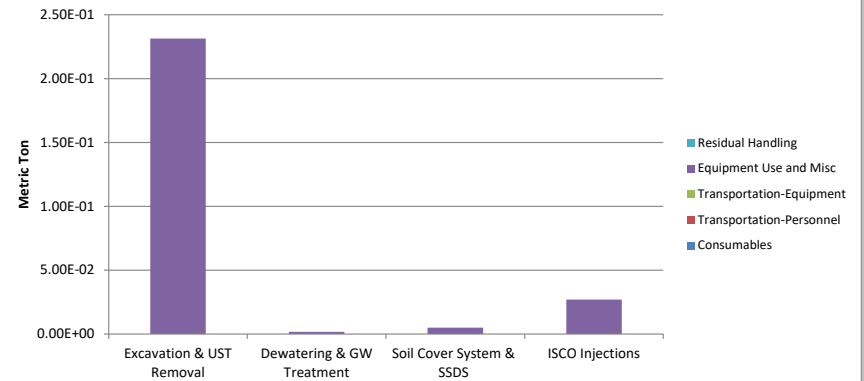
### Total Energy Used



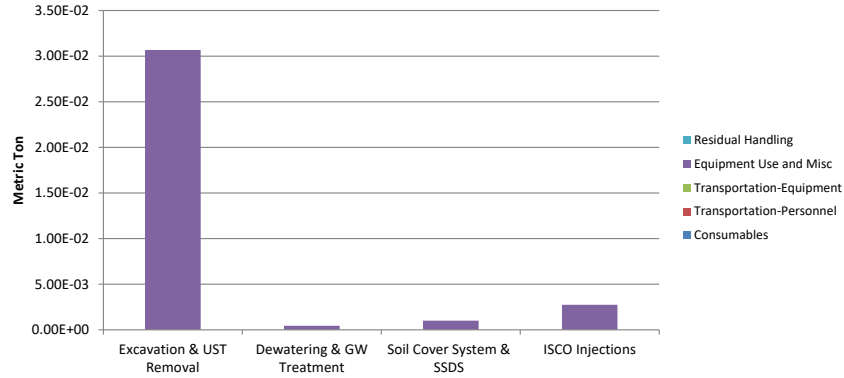
### Water Consumption



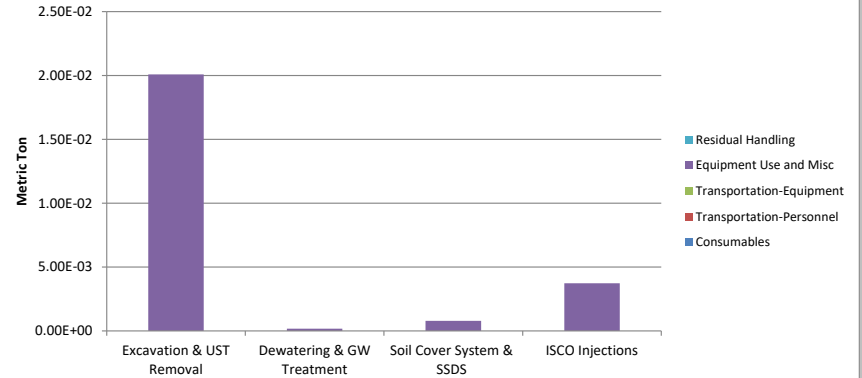
### Onsite NOx Emissions



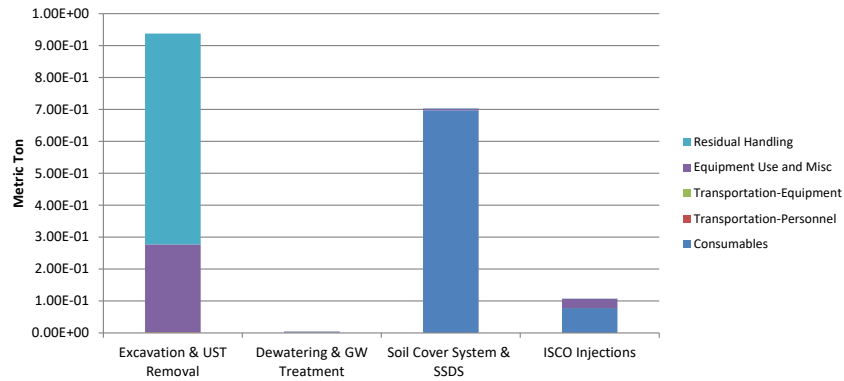
### Onsite SOx Emissions



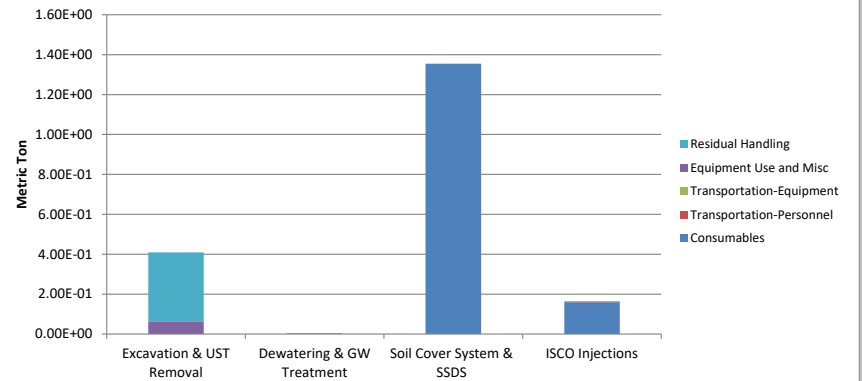
### Onsite PM<sub>10</sub> Emissions



### Total NOx Emissions

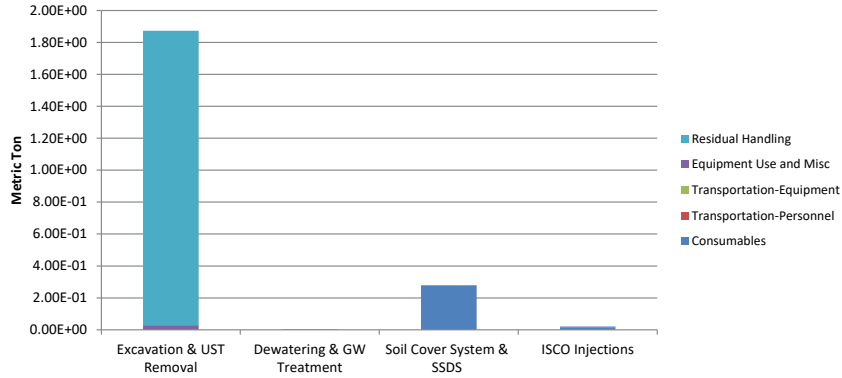


### Total SOx Emissions

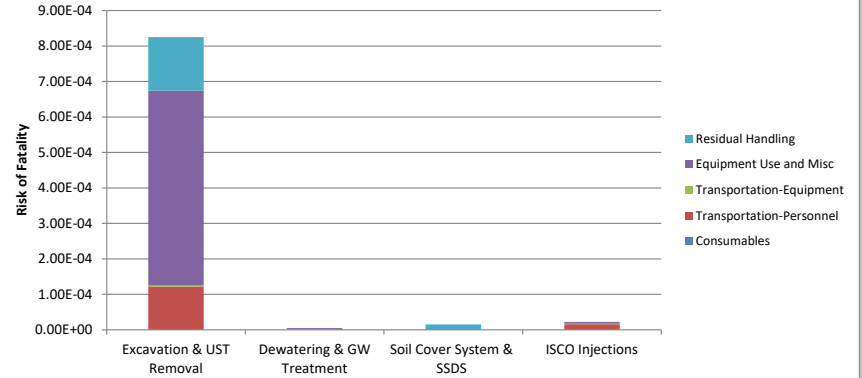




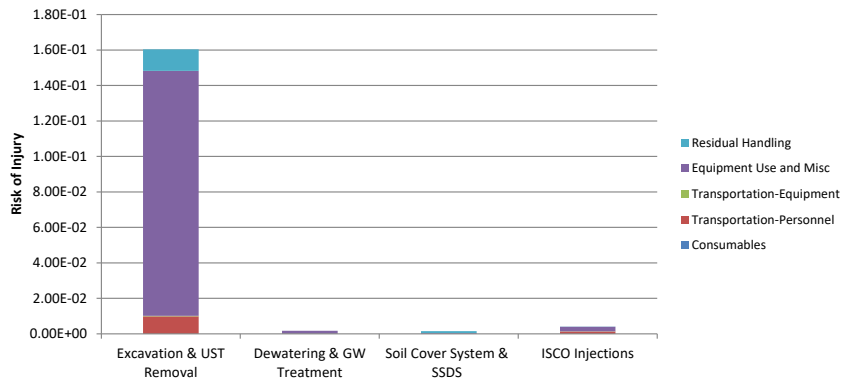
### Total PM<sub>10</sub> Emissions



### Accident Risk - Fatality



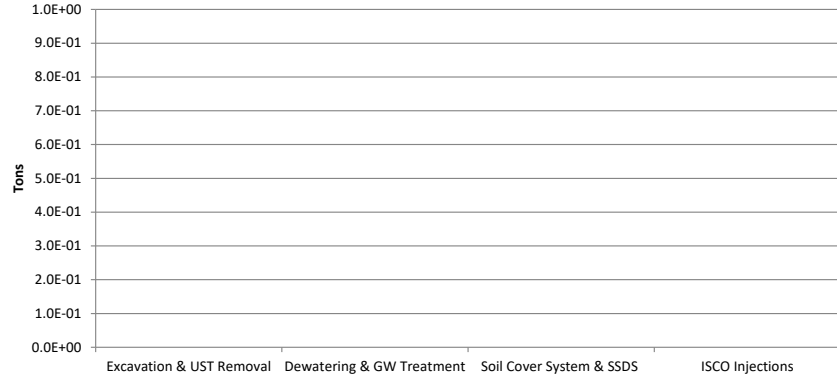
### Accident Risk - Injury



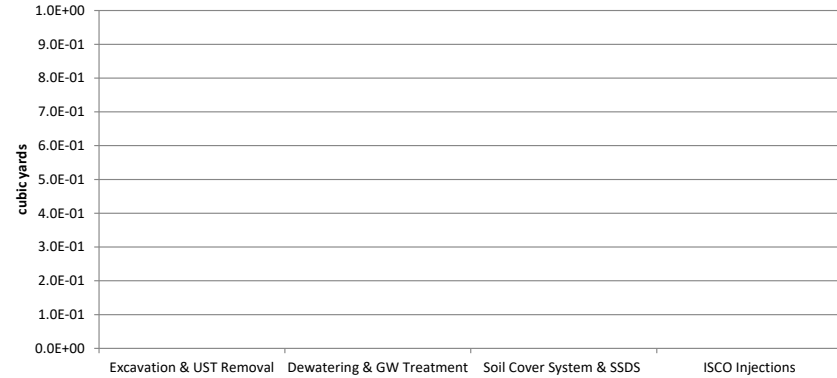
### Non-Hazardous Waste Landfill Space



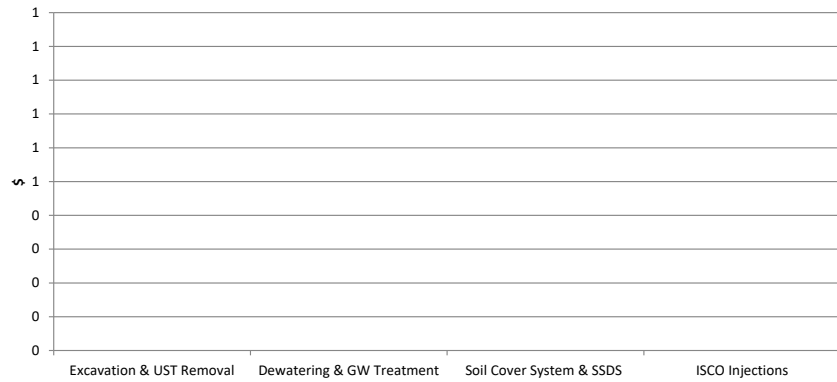
### Hazardous Waste Landfill Space



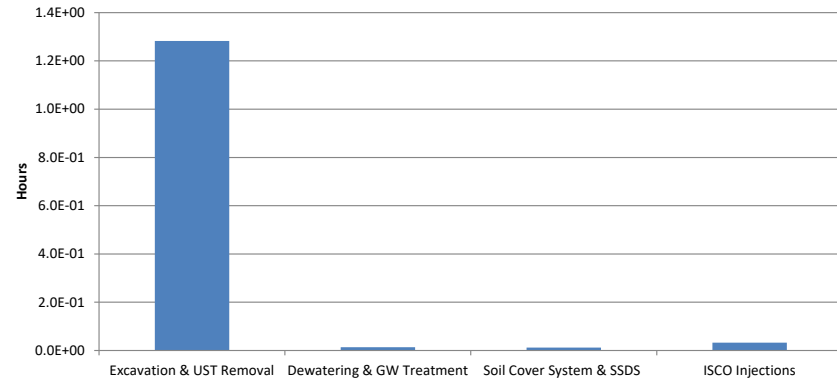
### Topsoil Consumption



### Costing



### Lost Hours - Injury





February 3, 2025  
File No. 41.0163310.10  
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# **Component 1**

## **Excavation and UST Closure Impact Summary**

**Sustainable Remediation Summary - Excavation & UST Removal**

Activities	GHG Emissions	Percent Total	Total Energy Used	Percent Total	Water Consumption	Percent Total	Electricity Usage	Percent Total	Onsite NOx Emissions	Percent Total	Onsite SOx Emissions	Percent Total	Onsite PM10 Emissions	Percent Total	Total NOx Emissions	Percent Total	Total SOx Emissions	Percent Total	Total PM10 Emissions	Percent Total	Accident Risk Fatality	Percent Total	Accident Risk Injury	Percent Total
	metric ton	%	MMBTU	%	gallons	%	MWH	%	metric ton	%	metric ton	%	metric ton	%	metric ton	%	metric ton	%	metric ton	%		%		%
Consumables	0.00	-	0.0E+00	-	NA	NA	NA	NA	NA	-	NA	-	NA	-	0.0E+00	-	0.0E+00	-	0.0E+00	-	NA	NA	NA	NA
Transportation-Personnel	6.39	3.1	8.0E+01	2.3	NA	NA	NA	NA	NA	-	NA	-	NA	-	2.2E-03	0.2	8.0E-04	0.2	4.5E-04	0.0	1.2E-04	14.7	9.8E-03	6.1
Transportation-Equipment	1.62	0.8	2.1E+01	0.6	NA	NA	NA	NA	NA	-	NA	-	NA	-	5.1E-04	0.1	9.0E-06	0.0	4.5E-05	0.0	3.9E-06	0.5	3.1E-04	0.2
Equipment Use and Misc	37.30	17.8	5.7E+02	16.1	2.5E+04	100.0	1.9E+01	100.0	2.3E-01	100.0	3.1E-02	100.0	2.0E-02	100.0	2.7E-01	29.3	6.3E-02	15.3	2.9E-02	1.5	5.5E-04	66.6	1.4E-01	86.1
Residual Handling	163.98	78.4	2.8E+03	81.0	NA	NA	NA	NA	0.0E+00	-	0.0E+00	-	0.0E+00	-	6.6E-01	70.4	3.5E-01	84.5	1.8E+00	98.4	1.5E-04	18.3	1.2E-02	7.6
<b>Total</b>	<b>209.28</b>	<b>100.0</b>	<b>3.50E+03</b>	<b>100.0</b>	<b>2.48E+04</b>	<b>100.0</b>	<b>1.86E+01</b>	<b>100.0</b>	<b>2.31E-01</b>	<b>100.0</b>	<b>3.07E-02</b>	<b>100.0</b>	<b>2.01E-02</b>	<b>100.0</b>	<b>9.38E-01</b>	<b>100.0</b>	<b>4.09E-01</b>	<b>100.0</b>	<b>1.87E+00</b>	<b>100.0</b>	<b>8.25E-04</b>	<b>100.0</b>	<b>1.60E-01</b>	<b>100.0</b>

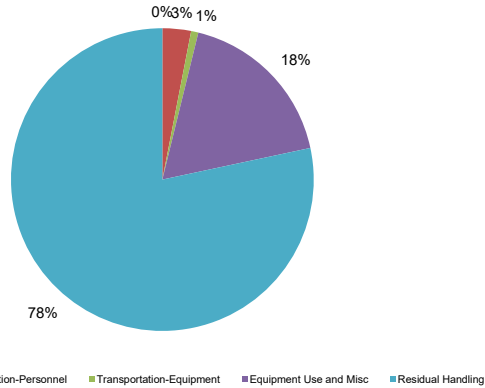
**Additional Sustainability Metrics**

Non-Hazardous Waste Landfill Space (tons)	10157.2
Hazardous Waste Landfill Space (tons)	0.0
Topsoil Consumption (yd <sup>3</sup> )	0.0
Cost of Phase (\$)	0.0
Lost Hours - Injury	1.3

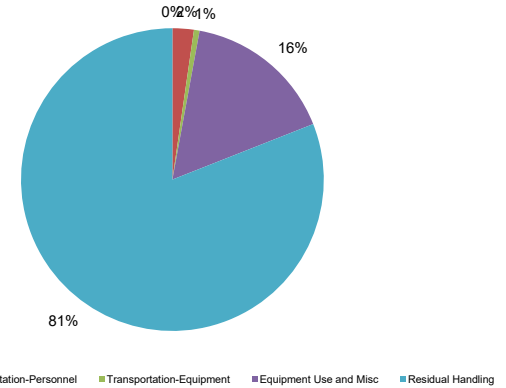
**Footprint Reduction**

Total electricity replacement (MWh)	0.00E+00
Total electricity replacement (mmBtu)	0.00E+00
Percent electricity from renewable sources (%)	24.2%
Landfill gas reduction (metric ton CO <sub>2</sub> e)	0.00E+00
GHG emissions (metric ton CO <sub>2</sub> e)	0.00E+00
NOx emissions (metric ton)	0.00E+00
SOx emissions (metric ton)	0.00E+00
PM10 emissions (metric ton)	0.00E+00

**GHG Emissions**

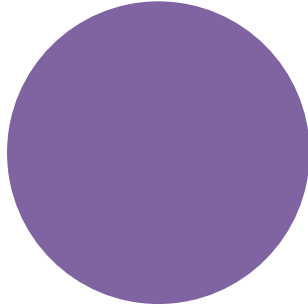


**Energy Consumption**



### Water Consumption

0%

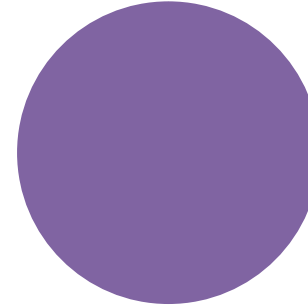


100%

■ Consumables ■ Transportation-Personnel ■ Transportation-Equipment ■ Equipment Use and Misc ■ Residual Handling

### Onsite NOx Emissions

0%

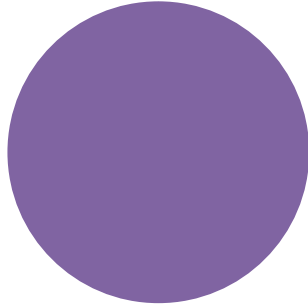


100%

■ Consumables ■ Transportation-Personnel ■ Transportation-Equipment ■ Equipment Use and Misc ■ Residual Handling

### Onsite SOx Emissions

0%

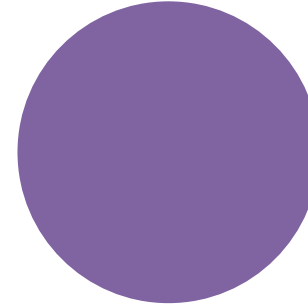


100%

■ Consumables ■ Transportation-Personnel ■ Transportation-Equipment ■ Equipment Use and Misc ■ Residual Handling

### Onsite PM10 Emissions

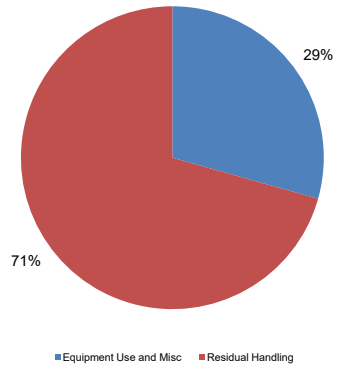
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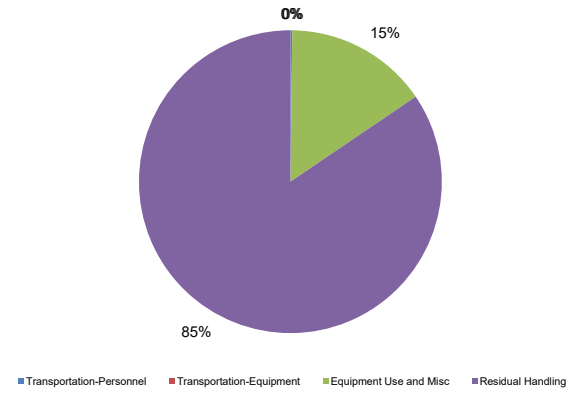
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■ Consumables ■ Transportation-Personnel ■ Transportation-Equipment ■ Equipment Use and Misc ■ Residual Handling

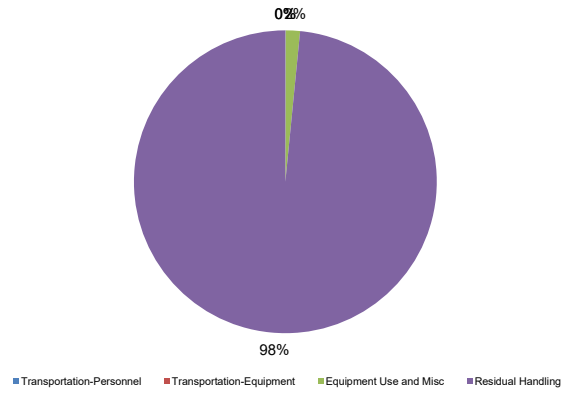
Offsite NOx Emissions



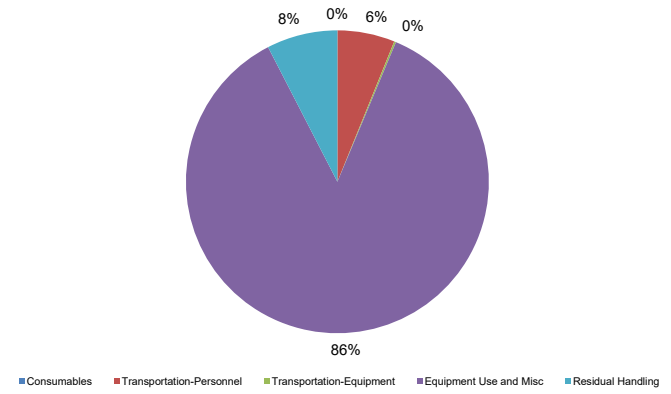
Offsite SOx Emissions



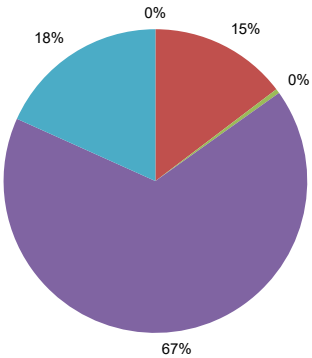
Offsite PM10 Emissions



Accident Risk - Injury



Accident Risk - Fatality



■ Consumables ■ Transportation-Personnel ■ Transportation-Equipment ■ Equipment Use and Misc ■ Residual Handling



February 3, 2025  
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## **Component 2**

# Dewatering and Groundwater Treatment Impact Summary



**Sustainable Remediation Summary - Dewatering & GW Treatment**

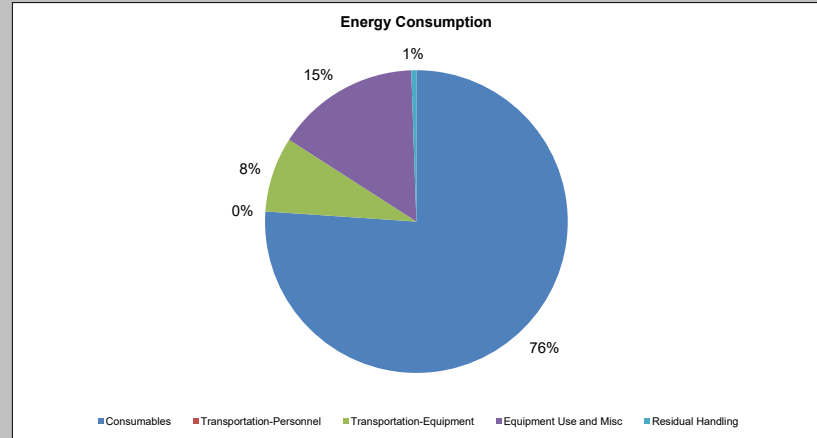
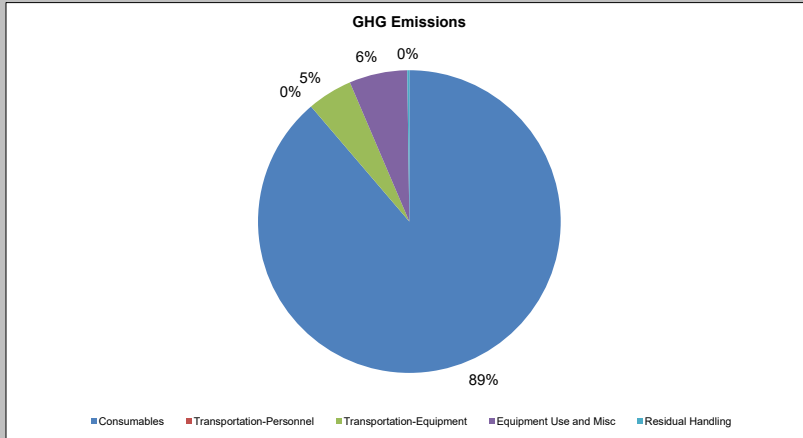
Activities	GHG Emissions	Percent Total	Total Energy Used	Percent Total	Water Consumption	Percent Total	Electricity Usage	Percent Total	Onsite NOx Emissions	Percent Total	Onsite SOx Emissions	Percent Total	Onsite PM10 Emissions	Percent Total	Total NOx Emissions	Percent Total	Total SOx Emissions	Percent Total	Total PM10 Emissions	Percent Total	Accident Risk Fatality	Percent Total	Accident Risk Injury	Percent Total
	metric ton	%	MMBTU	%	gallons	%	MWH	%	metric ton	%	metric ton	%	metric ton	%	metric ton	%	metric ton	%	metric ton	%		%		%
Consumables	9.01	88.7	6.1E+01	76.1	NA	NA	NA	NA	NA	-	NA	-	NA	-	1.7E-03	39.7	2.7E-03	71.0	3.8E-04	31.7	NA	NA	NA	NA
Transportation-Personnel	0.00	-	0.0E+00	-	NA	NA	NA	NA	NA	-	NA	-	NA	-	0.0E+00	-	0.0E+00	-	0.0E+00	-	0.0E+00	-	0.0E+00	-
Transportation-Equipment	0.49	4.8	6.4E+00	8.0	NA	NA	NA	NA	NA	-	NA	-	NA	-	1.5E-04	3.7	2.7E-06	0.1	1.4E-05	1.1	1.3E-06	25.3	1.1E-04	6.2
Equipment Use and Misc	0.63	6.2	1.2E+01	15.4	6.1E+03	100.0	1.1E+00	100.0	1.7E-03	100.0	4.4E-04	100.0	1.7E-04	100.0	2.2E-03	53.6	1.0E-03	27.2	4.5E-04	37.3	3.9E-06	74.7	1.6E-03	93.8
Residual Handling	0.02	0.2	4.3E-01	0.5	NA	NA	NA	NA	0.0E+00	-	0.0E+00	-	0.0E+00	-	1.3E-04	3.0	6.8E-05	1.8	3.6E-04	29.9	0.0E+00	-	0.0E+00	-
<b>Total</b>	<b>10.15</b>	<b>100.0</b>	<b>7.97E+01</b>	<b>100.0</b>	<b>6.15E+03</b>	<b>100.0</b>	<b>1.07E+00</b>	<b>100.0</b>	<b>1.67E-03</b>	<b>100.0</b>	<b>4.36E-04</b>	<b>100.0</b>	<b>1.72E-04</b>	<b>100.0</b>	<b>4.17E-03</b>	<b>100.0</b>	<b>3.75E-03</b>	<b>100.0</b>	<b>1.21E-03</b>	<b>100.0</b>	<b>5.19E-06</b>	<b>100.0</b>	<b>1.69E-03</b>	<b>100.0</b>

**Additional Sustainability Metrics**

Non-Hazardous Waste Landfill Space (tons)	2.0
Hazardous Waste Landfill Space (tons)	0.0
Topsoil Consumption (yd <sup>3</sup> )	0.0
Cost of Phase (\$)	0.0
Lost Hours - Injury	0.0

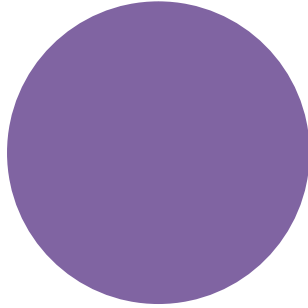
**Footprint Reduction**

Total electricity replacement (MWh)	0.00E+00
Total electricity replacement (mmBtu)	0.00E+00
Percent electricity from renewable sources (%)	24.2%
Landfill gas reduction (metric ton CO <sub>2</sub> e)	0.00E+00
GHG emissions (metric ton CO <sub>2</sub> e)	0.00E+00
NOx emissions (metric ton)	0.00E+00
SOx emissions (metric ton)	0.00E+00
PM10 emissions (metric ton)	0.00E+00



### Water Consumption

0%

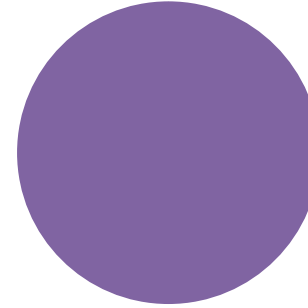


100%

■ Consumables ■ Transportation-Personnel ■ Transportation-Equipment ■ Equipment Use and Misc ■ Residual Handling

### Onsite NOx Emissions

0%

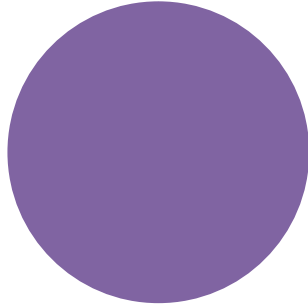


100%

■ Consumables ■ Transportation-Personnel ■ Transportation-Equipment ■ Equipment Use and Misc ■ Residual Handling

### Onsite SOx Emissions

0%

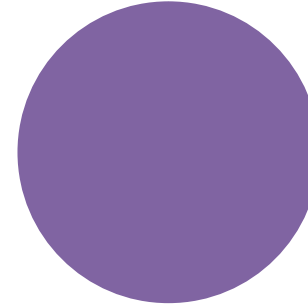


100%

■ Consumables ■ Transportation-Personnel ■ Transportation-Equipment ■ Equipment Use and Misc ■ Residual Handling

### Onsite PM10 Emissions

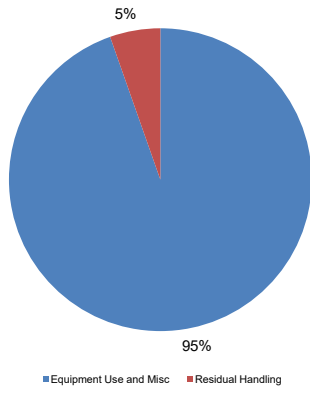
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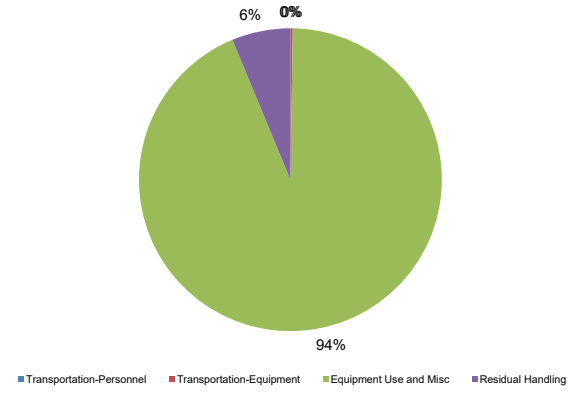
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■ Consumables ■ Transportation-Personnel ■ Transportation-Equipment ■ Equipment Use and Misc ■ Residual Handling

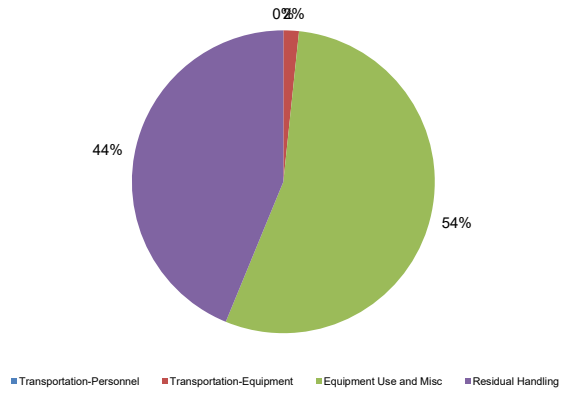
Offsite NOx Emissions



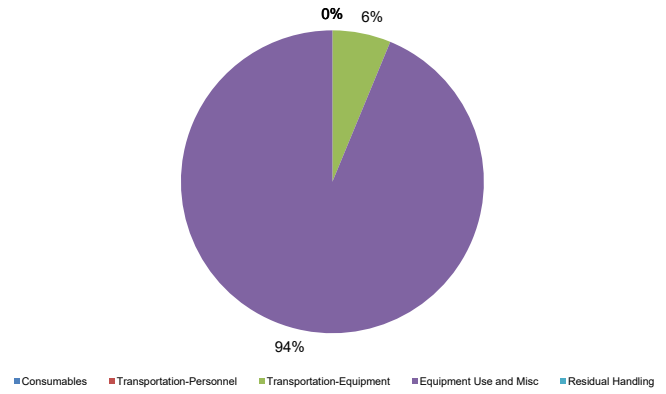
Offsite SOx Emissions



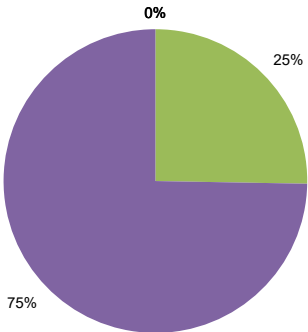
Offsite PM10 Emissions



Accident Risk - Injury



Accident Risk - Fatality



■ Consumables ■ Transportation-Personnel ■ Transportation-Equipment ■ Equipment Use and Misc ■ Residual Handling



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## **Component 3**

# Soil Cover System and Sub-Slab Depressurization System Impact Summary

**Sustainable Remediation Summary - Soil Cover System & SSDS**

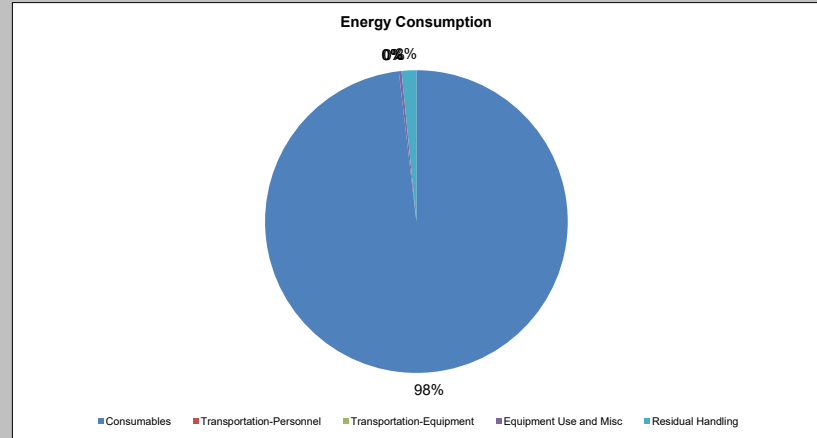
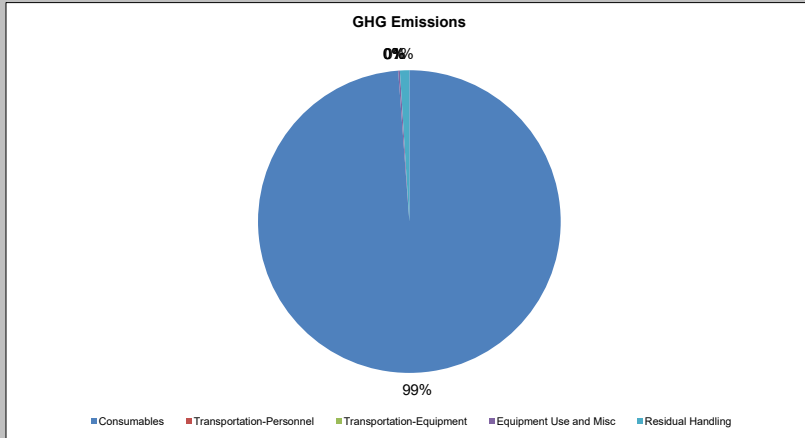
Activities	GHG Emissions	Percent Total	Total Energy Used	Percent Total	Water Consumption	Percent Total	Electricity Usage	Percent Total	Onsite NOx Emissions	Percent Total	Onsite SOx Emissions	Percent Total	Onsite PM10 Emissions	Percent Total	Total NOx Emissions	Percent Total	Total SOx Emissions	Percent Total	Total PM10 Emissions	Percent Total	Accident Risk Fatality	Percent Total	Accident Risk Injury	Percent Total
	metric ton	%	MMBTU	%	gallons	%	MWH	%	metric ton	%	metric ton	%	metric ton	%	metric ton	%	metric ton	%	metric ton	%		%		%
Consumables	336.63	98.8	2.8E+03	98.1	NA	NA	NA	NA	NA	-	NA	-	NA	-	7.0E-01	99.1	1.4E+00	99.9	2.8E-01	99.7	NA	NA	NA	NA
Transportation-Personnel	0.00	-	0.0E+00	-	NA	NA	NA	NA	NA	-	NA	-	NA	-	0.0E+00	-	0.0E+00	-	0.0E+00	-	0.0E+00	-	0.0E+00	-
Transportation-Equipment	0.00	-	0.0E+00	-	NA	NA	NA	NA	NA	-	NA	-	NA	-	0.0E+00	-	0.0E+00	-	0.0E+00	-	0.0E+00	-	0.0E+00	-
Equipment Use and Misc	0.61	0.2	8.1E+00	0.3	0.0E+00	0.0	0.0E+00	0.0	5.0E-03	100.0	1.0E-03	100.0	7.8E-04	100.0	5.4E-03	0.8	1.2E-03	0.1	8.4E-04	0.3	1.8E-06	11.5	4.4E-04	29.0
Residual Handling	3.40	1.0	4.4E+01	1.6	NA	NA	NA	NA	0.0E+00	-	0.0E+00	-	0.0E+00	-	1.1E-03	0.2	1.9E-05	0.0	9.5E-05	0.0	1.4E-05	88.5	1.1E-03	71.0
<b>Total</b>	<b>340.65</b>	<b>100.0</b>	<b>2.83E+03</b>	<b>100.0</b>	<b>0.00E+00</b>	<b>0.0</b>	<b>0.00E+00</b>	<b>0.0</b>	<b>5.03E-03</b>	<b>100.0</b>	<b>1.01E-03</b>	<b>100.0</b>	<b>7.83E-04</b>	<b>100.0</b>	<b>7.04E-01</b>	<b>100.0</b>	<b>1.35E+00</b>	<b>100.0</b>	<b>2.80E-01</b>	<b>100.0</b>	<b>1.53E-05</b>	<b>100.0</b>	<b>1.53E-03</b>	<b>100.0</b>

**Additional Sustainability Metrics**

Non-Hazardous Waste Landfill Space (tons)	0.0
Hazardous Waste Landfill Space (tons)	0.0
Topsoil Consumption (yd <sup>3</sup> )	0.0
Cost of Phase (\$)	0.0
Lost Hours - Injury	0.0

**Footprint Reduction**

Total electricity replacement (MWh)	0.00E+00
Total electricity replacement (mmBtu)	0.00E+00
Percent electricity from renewable sources (%)	0.0%
Landfill gas reduction (metric ton CO <sub>2</sub> e)	0.00E+00
GHG emissions (metric ton CO <sub>2</sub> e)	0.00E+00
NOx emissions (metric ton)	0.00E+00
SOx emissions (metric ton)	0.00E+00
PM10 emissions (metric ton)	0.00E+00



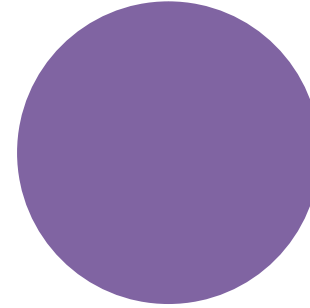
### Water Consumption

0%

■ Consumables ■ Transportation-Personnel ■ Transportation-Equipment ■ Equipment Use and Misc ■ Residual Handling

### Onsite NOx Emissions

0%

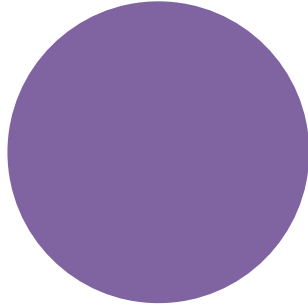


100%

■ Consumables ■ Transportation-Personnel ■ Transportation-Equipment ■ Equipment Use and Misc ■ Residual Handling

### Onsite SOx Emissions

0%

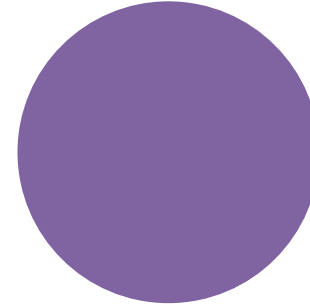


100%

■ Consumables ■ Transportation-Personnel ■ Transportation-Equipment ■ Equipment Use and Misc ■ Residual Handling

### Onsite PM10 Emissions

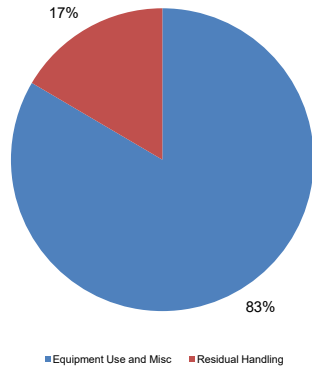
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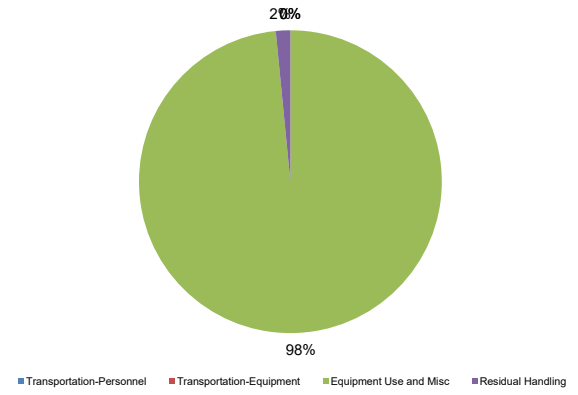
100%

■ Consumables ■ Transportation-Personnel ■ Transportation-Equipment ■ Equipment Use and Misc ■ Residual Handling

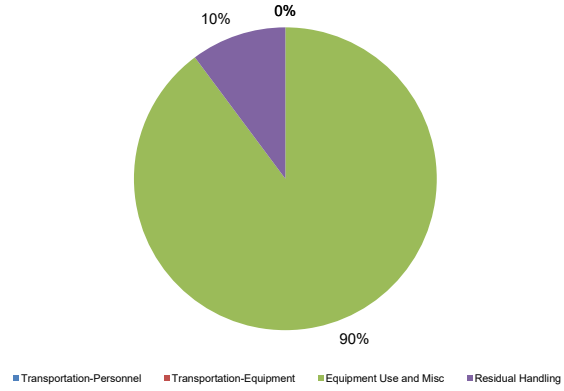
Offsite NOx Emissions



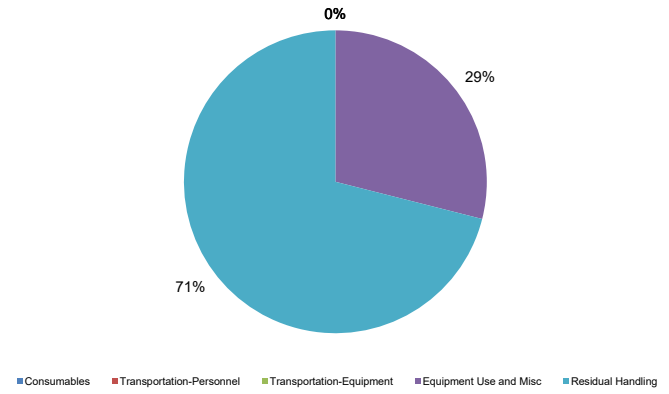
Offsite SOx Emissions



Offsite PM10 Emissions

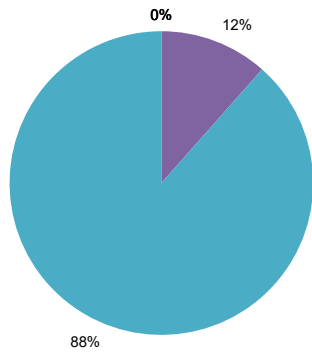


Accident Risk - Injury





Accident Risk - Fatality



■ Consumables ■ Transportation-Personnel ■ Transportation-Equipment ■ Equipment Use and Misc ■ Residual Handling



February 3, 2025  
File No. 41.0163310.10  
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4778 Broadway New York, NY

## **Component 4**

### ISCO Injections Impact Summary

**Sustainable Remediation Summary - ISCO Injections**

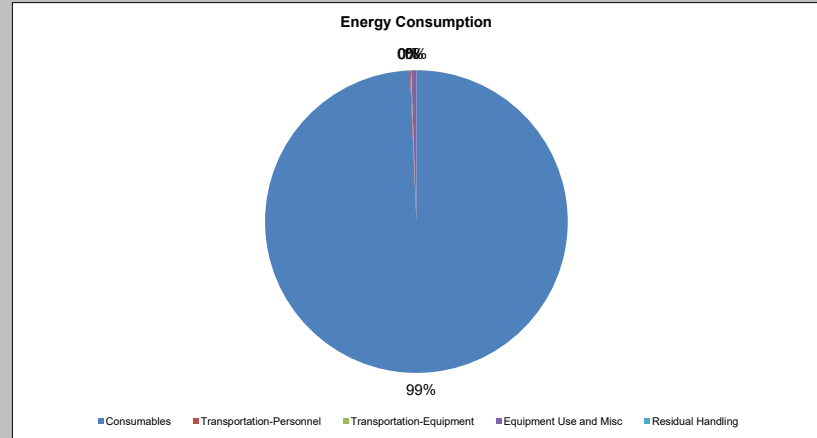
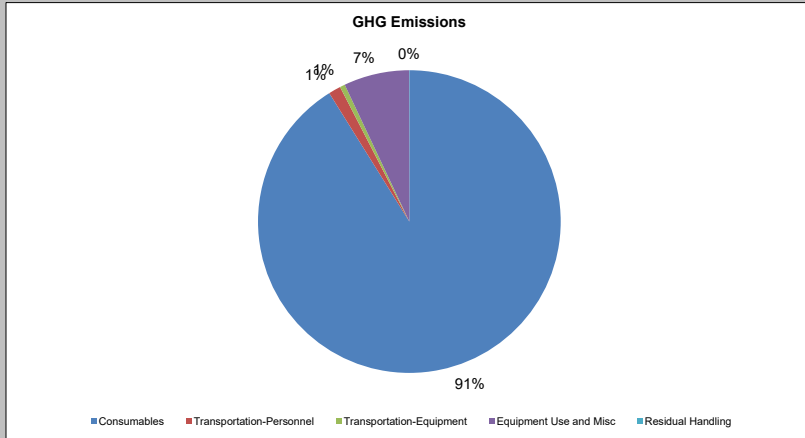
Activities	GHG Emissions	Percent Total	Total Energy Used	Percent Total	Water Consumption	Percent Total	Electricity Usage	Percent Total	Onsite NOx Emissions	Percent Total	Onsite SOx Emissions	Percent Total	Onsite PM10 Emissions	Percent Total	Total NOx Emissions	Percent Total	Total SOx Emissions	Percent Total	Total PM10 Emissions	Percent Total	Accident Risk Fatality	Percent Total	Accident Risk Injury	Percent Total
	metric ton	%	MMBTU	%	gallons	%	MWH	%	metric ton	%	metric ton	%	metric ton	%	metric ton	%	metric ton	%	metric ton	%		%		%
Consumables	39.99	91.1	6.8E+03	99.3	NA	NA	NA	NA	NA	-	NA	-	NA	-	7.8E-02	72.8	1.6E-01	97.7	1.6E-02	78.7	NA	NA	NA	NA
Transportation-Personnel	0.57	1.3	7.2E+00	0.1	NA	NA	NA	NA	NA	-	NA	-	NA	-	2.4E-04	0.2	1.9E-05	0.0	3.4E-05	0.2	1.6E-05	73.4	1.3E-03	31.9
Transportation-Equipment	0.24	0.5	3.3E+00	0.0	NA	NA	NA	NA	NA	-	NA	-	NA	-	7.7E-05	0.1	3.1E-06	0.0	6.2E-06	0.0	1.2E-06	5.4	9.4E-05	2.3
Equipment Use and Misc	3.07	7.0	3.7E+01	0.5	2.5E+04	100.0	0.0E+00	0.0	2.7E-02	100.0	2.7E-03	100.0	3.7E-03	100.0	2.9E-02	26.9	3.7E-03	2.3	4.2E-03	21.1	4.6E-06	20.9	2.7E-03	65.6
Residual Handling	0.01	0.0	1.7E-01	0.0	NA	NA	NA	NA	0.0E+00	-	0.0E+00	-	0.0E+00	-	9.9E-06	0.0	3.5E-06	0.0	1.8E-05	0.1	6.2E-08	0.3	5.0E-06	0.1
<b>Total</b>	<b>43.89</b>	<b>100.0</b>	<b>6.87E+03</b>	<b>100.0</b>	<b>2.51E+04</b>	<b>100.0</b>	<b>0.00E+00</b>	<b>0.0</b>	<b>2.70E-02</b>	<b>100.0</b>	<b>2.74E-03</b>	<b>100.0</b>	<b>3.73E-03</b>	<b>100.0</b>	<b>1.07E-01</b>	<b>100.0</b>	<b>1.63E-01</b>	<b>100.0</b>	<b>1.98E-02</b>	<b>100.0</b>	<b>2.18E-05</b>	<b>100.0</b>	<b>4.04E-03</b>	<b>100.0</b>

**Additional Sustainability Metrics**

Non-Hazardous Waste Landfill Space (tons)	0.1
Hazardous Waste Landfill Space (tons)	0.0
Topsoil Consumption (yd <sup>3</sup> )	0.0
Cost of Phase (\$)	0.0
Lost Hours - Injury	0.0

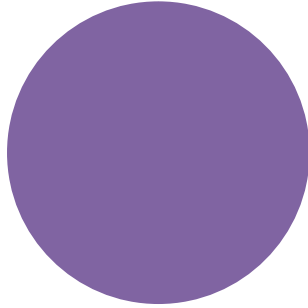
**Footprint Reduction**

Total electricity replacement (MWh)	0.00E+00
Total electricity replacement (mmBtu)	0.00E+00
Percent electricity from renewable sources (%)	0.0%
Landfill gas reduction (metric ton CO <sub>2</sub> e)	0.00E+00
GHG emissions (metric ton CO <sub>2</sub> e)	0.00E+00
NOx emissions (metric ton)	0.00E+00
SOx emissions (metric ton)	0.00E+00
PM10 emissions (metric ton)	0.00E+00



### Water Consumption

0%

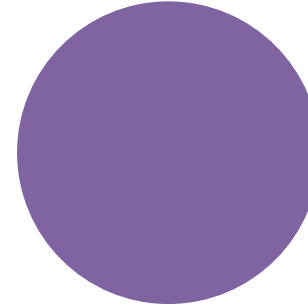


100%

■ Consumables ■ Transportation-Personnel ■ Transportation-Equipment ■ Equipment Use and Misc ■ Residual Handling

### Onsite NOx Emissions

0%

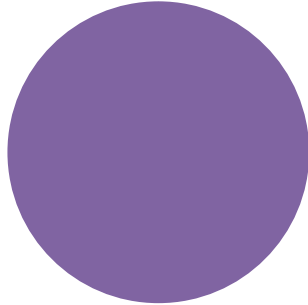


100%

■ Consumables ■ Transportation-Personnel ■ Transportation-Equipment ■ Equipment Use and Misc ■ Residual Handling

### Onsite SOx Emissions

0%

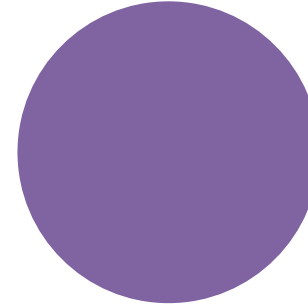


100%

■ Consumables ■ Transportation-Personnel ■ Transportation-Equipment ■ Equipment Use and Misc ■ Residual Handling

### Onsite PM10 Emissions

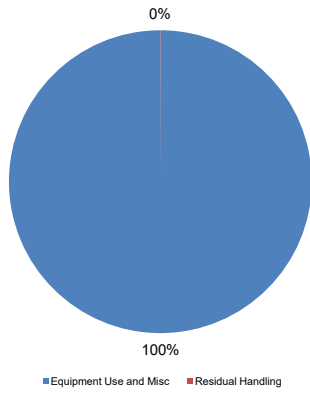
0%



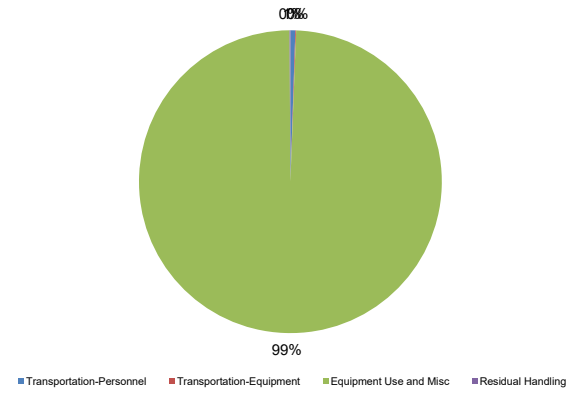
100%

■ Consumables ■ Transportation-Personnel ■ Transportation-Equipment ■ Equipment Use and Misc ■ Residual Handling

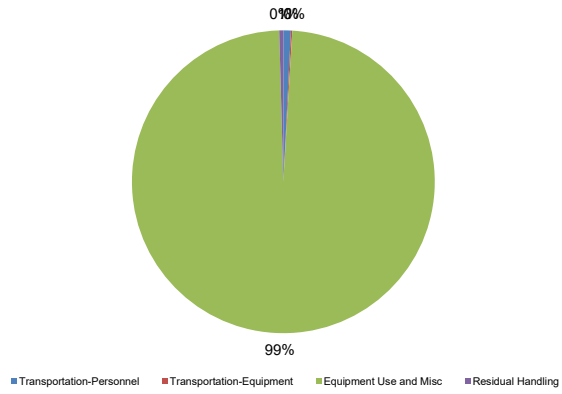
Offsite NOx Emissions



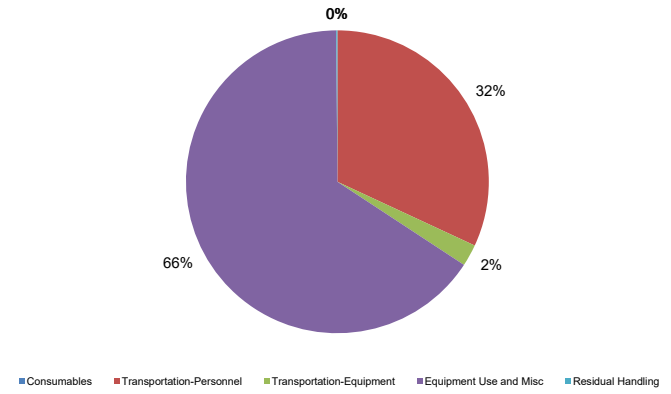
Offsite SOx Emissions



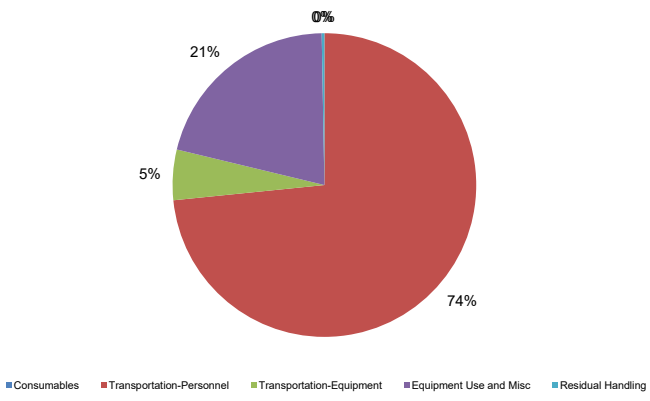
Offsite PM10 Emissions



Accident Risk - Injury



Accident Risk - Fatality





February 3, 2025  
File No. 41.0163310.10  
Green Sustainable Remediation Evaluation | FER  
4778 Broadway New York, NY

## **Attachment 2**

### **Climate Screening Checklist**

# Climate Screening Checklist

## Background

- Project Manager: **Zach Landis**
- Site Name: **4778 Broadway**
- Site Number: **C231131**
- Site Location: **4778 Broadway, New York, New York**
- Site Elevation (average above sea level): **Approximately 23 feet above sea level (from google earth).**



- ClimAID region: **Region 4—New York City and Long Island**



- Remedial Stage/Site Classification: **Remedial Action - Class A**
- Contamination -- Media Impacted/Contaminants of Concern:



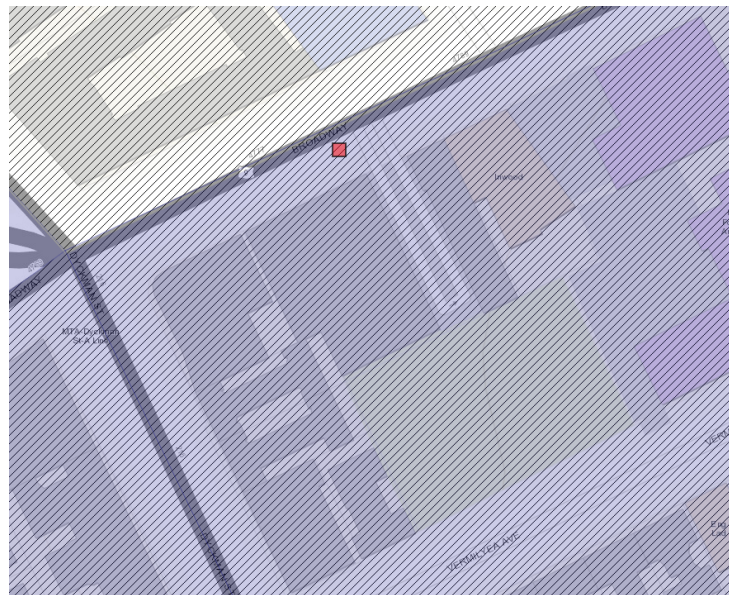
- Soil, Vapor Intrusion, Groundwater- COCs:
  - VOCs: 2,2,4-trimethylpentane, benzene, benzo(b)fluoranthene, ethylbenzene, indeno(1,2,3-cd)pyrene, naphthalene, phenol, toluene, xylene (mixed)
- Proposed/Current Remedy: The selected remedy included the excavation and disposal of impacted soil within the basement footprint above the groundwater table, the treatment of soil below the groundwater table with in-situ chemical oxidation (ISCO) injections, the installation of a soil cover system and sub-slab depressurization system (SSDS), groundwater monitoring, and the implementation of a Site Management Plan and Environmental Easement for the property.
- What is the predicted timeframe of the remedy? Will components of the remedy still be in place in 10+ years?
  - The remedy is projected to be in place for life of the residential building. Groundwater monitoring for the observation of the ISCO injections effectiveness is planned for 2 years. The soil cover system, SSDS, Site Management Plan, and Environmental Easement are intended for ongoing implementation as long as the residential building is occupied.

Is the site in a disadvantaged community (DAC) or potential environmental justice area (PEJA) (Use DECinfoLocator: [DECinfo Locator \(ny.gov\)](https://decinfo.locator.ny.gov/))?

Yes  No

If the site is in a DAC or PEJA, will climate impacts be magnified? If yes, list how and why.

Yes  No



Should thresholds of concern be lowered to account for magnification of impacts? If yes, indicate how lower thresholds will be used in the screening.

Yes  No

## Climate Screening Table\*

Potential Climate Hazards	Relevant to the Site Location (Y/N/NA) <sup>1</sup>	Projected Change (Put the reference document/model used here) <sup>3</sup>	Potential to Impact Remedy (Y/N)	Is remedy/site already resilient? (Y/N) <sup>4</sup>
Precipitation	Y	Based upon FEMA's Resiliency Analysis Planning Tool the annual rain fall is projected to increase between 7.25 and 11.16 inches by the end of the century	Y	Y – The blower for the SSDS is located within a weather-proof enclosure on the roof. The SSDS also has alarms to indicate if flow/vacuum are impacted by sub-slab piping being flooded by a high groundwater table.
Temperature (Extreme Heat or Cold Weather Impacts) <sup>2</sup>	Y	Based upon FEMA's Resiliency Analysis Planning Tool, by the middle of the century there will be an estimated increase of 515.28 cooling degree days.	N	Y – Remedy is not susceptible to extreme temperatures.
Sea Level Rise	N	N - Based upon the NOAA's Sea Level Rise Viewer the site is not impacted at 10 feet of SLR.	N	N/A

Flooding <sup>5</sup>	N	Based upon FEMA's Resiliency Analysis Planning Tool, the site does not fall within the 1% or 0.2% annual chance flood hazard area.	N	N
Storm Surge	Y	Y – NOAA's Storm Surge Risk Maps tool indicates that the site could be impacted by 3 to 6 ft of water during category 2 and 3 hurricanes and over 9 ft of water for category 4 and higher hurricanes	N	Y – Soil cover system and injections are not impacted by high water levels. The SSDS system blower is installed on the roof away from the potential storm surge flooding levels.
Wildfire	N	N/A	N/A	N/A
Drought	N	N/A	N/A	N/A
Storm Severity (could include high winds, lightening, etc.)	Y	N - Based upon FEMA's Resiliency Analysis Planning Tool, there is no increase in storm severity outlook.	N	Y – Soil cover system and injections are not impacted by severe weather. The SSDS has alarms and meters within the basement to indicate any lapses in operation, as well as a back up power source during outages.
Landslides	N	N/A	N/A	N/A

Other Hazards:	Seismic Activity – N/A	N/A	N/A	N/A
----------------	---------------------------	-----	-----	-----

\*Links to potential data sources can be found on the following page

<sup>1</sup> If the first column is N --> The rest of the columns will be N/A, the hazard is not applicable to the site.

<sup>2</sup> Extreme Heat: periods of three or more days above 90°F- Extreme Cold: Individual days with minimum temperatures at or below 30 degrees F (NYSERDA ClimAID report), Note: this is important for sites with active remedial systems/sites where the remedy relies on the electrical grid

<sup>3</sup> List the projected change in specific terms or units e.g. inches of rain fall, feet of sea level rise, etc.

<sup>4</sup> If final column is Y, provide reasoning, if the final column is N --> Climate Vulnerability Assessment (CVA) required.

<sup>5</sup> For system sites- components (e.g. electrical wiring and panels) should be evaluated to determine if they would need to be raised to avoid flooding.

**Required Next Steps (If no further action, provide justification):**

No further action is required for the evaluation of the remedy resiliency. Climate related impacts are related to high groundwater table flooding of the sub-slab piping of the SSDS system. Groundwater level will be monitored to initiate restart of the SSDS once sub-slab piping is above the groundwater table.

## **Appendix O**

### **Monitoring Well Boring/Construction Logs**





AEI CONSULTANTS  
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 WALNUT CREEK CA 94597  
 Telephone: 925 746-6000  
 Fax: 925 746-6099

**BORING NUMBER SB-13**

CLIENT M4778 Broadway, LLC, C231131 PROJECT NAME \_\_\_\_\_

PROJECT NUMBER 384736 PROJECT LOCATION 4478 Broadway, NY, NY

DATE STARTED 2/10/20 COMPLETED 2/10/20 GROUND ELEVATION \_\_\_\_\_ HOLE SIZE 2.25 inches

DRILLING CONTRACTOR Core Down Drilling GROUND WATER LEVELS:

DRILLING METHOD Direct Push AT TIME OF DRILLING ---

LOGGED BY JM CHECKED BY \_\_\_\_\_ AT END OF DRILLING ---

NOTES Bedrock refusal at 15' AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0.0						
0.0	SB-13-0-2"				FILL, Medium Sand	
2.5	SB-13-1.5-2.0		0.0			
4.0			0.0		Fill, Medium Sand	
6.0			0.0		Brown, Fine SAND trace silt, moist	
8.0			0.0		Brown, Fine SAND trace silt, moist	
12.0			0.0		Brown, Fine SAND trace silt, moist	
12.5	SB-13-12.5-13.0		0.0			
15.0	SB-13-14.5-15.0		0.0			
Refusal at 15.0 feet. Bottom of borehole at 15.0 feet.						

AEI BORING - GINT STD US LAB.GDT - 2/28/20 15:11 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\PROJECTS\384736\_4778 BROADWAY NYC.GPJ



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 2500 CAMINO DIABLE  
 WALNUT CREEK CA 94597  
 Telephone: 925 746-6000  
 Fax: 925 746-6099

# BORING NUMBER SB-14

<b>CLIENT</b> <u>M4778 Broadway, LLC, C231131</u>	<b>PROJECT NAME</b> _____
<b>PROJECT NUMBER</b> <u>384736</u>	<b>PROJECT LOCATION</b> <u>4478 Broadway, NY, NY</u>
<b>DATE STARTED</b> <u>2/10/20</u> <b>COMPLETED</b> <u>2/10/20</u>	<b>GROUND ELEVATION</b> _____ <b>HOLE SIZE</b> <u>2.25 inches</u>
<b>DRILLING CONTRACTOR</b> <u>Core Down Drilling</u>	<b>GROUND WATER LEVELS:</b>
<b>DRILLING METHOD</b> <u>Direct Push</u>	<b>AT TIME OF DRILLING</b> ---
<b>LOGGED BY</b> <u>JM</u> <b>CHECKED BY</b> _____	<b>AT END OF DRILLING</b> ---
<b>NOTES</b> _____	<b>AFTER DRILLING</b> ---

AEI BORING - GINT STD US LAB.GDT - 2/28/20 15:11 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\PROJECTS\384736\_4778 BROADWAY NYC.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0						
	SB-14-0-2"				FILL, Medium Sand	
			0.0			
	SB-14-1.5-2.0		0.0			
			0.0			
			0.0		4.0	
			0.0		Fill, Medium Sand	
5			0.0			
			0.0			
			0.0		7.0	
			0.0		Brown, Fine SAND trace silt, moist	
			0.0		8.0	
			0.0		Brown, Fine SAND trace silt, moist	
10			0.0			
			0.0			
			0.0		12.0	
			0.0		Brown, Fine SAND trace silt, wet- saturated at 13'	
	SB-14-12.5-13.0		0.0			
			0.0			
			0.0			
			0.0		16.0	
			0.0		Brown, Fine SAND trace silt, saturated	
15			0.0			
			0.0			
			0.0			
			0.0			
			0.0			
			0.0			
			0.0			
			0.0			
			0.0			
20	SB-14-19.5-20.0		0.0			
			0.0			

Bottom of borehole at 20.0 feet.



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 Fax: 925 746-6099

# BORING NUMBER SB-15

<b>CLIENT</b> M4778 Broadway, LLC, C231131	<b>PROJECT NAME</b> _____
<b>PROJECT NUMBER</b> 384736	<b>PROJECT LOCATION</b> 4478 Broadway, NY, NY
<b>DATE STARTED</b> 2/12/20 <b>COMPLETED</b> 2/12/20	<b>GROUND ELEVATION</b> _____ <b>HOLE SIZE</b> 2.25 inches
<b>DRILLING CONTRACTOR</b> Core Down Drilling	<b>GROUND WATER LEVELS:</b>
<b>DRILLING METHOD</b> Direct Push	<b>AT TIME OF DRILLING</b> ---
<b>LOGGED BY</b> JM <b>CHECKED BY</b> _____	<b>AT END OF DRILLING</b> ---
<b>NOTES</b> Bedrock refusal at 19'	<b>AFTER DRILLING</b> ---

AEI BORING - GINT STD US LAB.GDT - 2/28/20 15:11 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\PROJECTS\384736\_4778 BROADWAY NYC.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0						
	SB-15-0-2"				FILL, Medium Sand	
			0.0			
	SB-15-1.5-2.0		0.0			
			0.0			
5			0.0		4.0 Fill, Medium Sand	
			0.0			
			0.0			
			0.0		7.0 Brown, Fine SAND trace silt, moist	
			0.0		8.0 Brown, Fine SAND trace silt, moist	
10			0.0			
			0.0			
			0.0			
	SB-15-12.5-13.0		0.0		12.0 Brown, Fine SAND trace silt, wet- saturated at 13'	
			0.0			
			0.0			
15			0.0			
			0.0			
			0.0			
			0.0		16.0 Brown, Fine SAND trace silt, saturated	
			0.0			
			0.0			
	SB-15-18.5-19.0		0.0		19.0	

Refusal at 19.0 feet.  
 Bottom of borehole at 19.0 feet.







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 Fax: 925 746-6099

# BORING NUMBER SB-17

<b>CLIENT</b> <u>M4778 Broadway, LLC, C231131</u>	<b>PROJECT NAME</b> _____
<b>PROJECT NUMBER</b> <u>384736</u>	<b>PROJECT LOCATION</b> <u>4478 Broadway, NY, NY</u>
<b>DATE STARTED</b> <u>2/12/20</u> <b>COMPLETED</b> <u>2/12/20</u>	<b>GROUND ELEVATION</b> _____ <b>HOLE SIZE</b> <u>2.25 inches</u>
<b>DRILLING CONTRACTOR</b> <u>Core Down Drilling</u>	<b>GROUND WATER LEVELS:</b>
<b>DRILLING METHOD</b> <u>Direct Push</u>	<b>AT TIME OF DRILLING</b> ---
<b>LOGGED BY</b> <u>JM</u> <b>CHECKED BY</b> _____	<b>AT END OF DRILLING</b> ---
<b>NOTES</b> _____	<b>AFTER DRILLING</b> ---

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DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0						
	SB-17-0-2"				FILL, Medium Sand	
			0.0			
	SB-17-1.5-2.0		0.0			
			0.0			
			0.0		4.0	
			0.0		Fill, Medium Sand	
5			0.0			
			0.0			
			0.0		7.0	
			0.0		Brown, Fine SAND trace silt, moist	
			0.0		8.0	
			0.0		Brown, Fine SAND trace silt, moist	
10			1.7			
			27.9			
			12.0			
			180		12.0	
			272		Brown, Fine SAND trace silt, wet- saturated at 13'	
	SB-17-12.5-13.0		689			
			890			
15			924		16.0	
			877		Brown, Fine SAND trace silt, saturated	
			971			
			982			
20	SB-17-19.5-20.0					
					20.0	

Bottom of borehole at 20.0 feet.



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 WALNUT CREEK CA 94597  
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 Fax: 925 746-6099

# BORING NUMBER SB-18

CLIENT M4778 Broadway, LLC, C231131 PROJECT NAME \_\_\_\_\_

PROJECT NUMBER 384736 PROJECT LOCATION 4478 Broadway, NY, NY

DATE STARTED 2/12/20 COMPLETED 2/12/20 GROUND ELEVATION \_\_\_\_\_ HOLE SIZE 2.25 inches

DRILLING CONTRACTOR Core Down Drilling GROUND WATER LEVELS:

DRILLING METHOD Direct Push AT TIME OF DRILLING ---

LOGGED BY JM CHECKED BY \_\_\_\_\_ AT END OF DRILLING ---

NOTES \_\_\_\_\_ AFTER DRILLING ---

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DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0						
	SB-18-0-2"				FILL, Medium Sand	
			0			
	SB-18-1.5-2.0		1.7			
			2.9			
			4.0			
			4.9		Fill, Medium Sand	
5			22.1			
			4.4			
			7.1		Brown, Fine SAND trace silt, moist	
			10.6		Brown, Fine SAND trace silt, moist	
10			11			
			206			
			221			
			196		Brown, Fine SAND trace silt, wet- saturated at 13'	
	SB-18-12.5-13.0		290			
			309			
15			421			
			886		Brown, Fine SAND trace silt, saturated	
			1262			
			2191			
			2604			
20	SB-18-19.5-20.0					

Bottom of borehole at 20.0 feet.



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 Fax: 925 746-6099

# BORING NUMBER SB-19

<b>CLIENT</b> <u>M4778 Broadway, LLC, C231131</u>	<b>PROJECT NAME</b> _____
<b>PROJECT NUMBER</b> <u>384736</u>	<b>PROJECT LOCATION</b> <u>4478 Broadway, NY, NY</u>
<b>DATE STARTED</b> <u>2/12/20</u> <b>COMPLETED</b> <u>2/12/20</u>	<b>GROUND ELEVATION</b> _____ <b>HOLE SIZE</b> <u>2.25 inches</u>
<b>DRILLING CONTRACTOR</b> <u>Core Down Drilling</u>	<b>GROUND WATER LEVELS:</b>
<b>DRILLING METHOD</b> <u>Direct Push</u>	<b>AT TIME OF DRILLING</b> ---
<b>LOGGED BY</b> <u>JM</u> <b>CHECKED BY</b> _____	<b>AT END OF DRILLING</b> ---
<b>NOTES</b> _____	<b>AFTER DRILLING</b> ---

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0						
	SB-19-0-2"				FILL, Medium Sand	
			529			
	SB-19-1.5-2.0		610			
			1122			
			1260	4.0	Fill, Medium Sand	
5			1529			
			60			
			129	7.0	Brown, Fine SAND trace silt, moist	
			137	8.0	Brown, Fine SAND trace silt, moist	
			142			
10			1137			
			1579			
			1661	12.0	Brown, Fine SAND trace silt, wet- saturated at 13'	
	SB-19-12.5-13.0		1629			
			1201			
15			988			
			57	16.0	Brown, Fine SAND trace silt, saturated	
			76			
			42			
			50			
20	SB-19-19.5-20.0			20.0		
Bottom of borehole at 20.0 feet.						

AEI BORING - GINT STD US LAB.GDT - 2/28/20 15:11 - C:\USERS\PUBLIC\DOCUMENTS\BENTLEY\GINT\PROJECTS\384736\_4778 BROADWAY NYC.GPJ



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# BORING NUMBER IW-1

AEI BORING - GINT STD US LAB.GDT - 5/23/23 16:44 - P:\COMPANYWIDE PROJECTS\384000 SERIES\384736 NEW YORK, NY\ISM TASK 13 - SM RAIWELL INSTALLATION PROGRAM\WELL CONSTRUCTION LOGS\384736.WELL CONSTRUCTION LOGS.GPJ

<b>CLIENT</b> <u>M4778 Broadway LLC</u>	<b>PROJECT NAME</b> <u>New York, New York</u>
<b>PROJECT NUMBER</b> <u>384736</u>	<b>PROJECT LOCATION</b> <u>4778 Broadway</u>
<b>DATE STARTED</b> <u>3/13/23</u> <b>COMPLETED</b> <u>3/13/23</u>	<b>GROUND ELEVATION</b> _____ <b>HOLE SIZE</b> <u>8.25 inches</u>
<b>DRILLING CONTRACTOR</b> <u>Core Down</u>	<b>GROUND WATER LEVELS:</b>
<b>DRILLING METHOD</b> <u>Hollow Stem Auger</u>	<b>AT TIME OF DRILLING</b> <u>---</u>
<b>LOGGED BY</b> <u>Joseph Maggiulli</u> <b>CHECKED BY</b> _____	<b>AT END OF DRILLING</b> <u>---</u>
<b>NOTES</b> <u>4" Diameter Injection Well</u>	<b>AFTER DRILLING</b> <u>---</u>

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0.0						
2.5						PVC Riser with Grout
5.0						PVC Riser with Bentonite Seal
7.5						PVC Riser with Sand Pack
10.0						0.020" Slotted PVC Screen with Sand Pack



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# BORING NUMBER IW-2

AEI BORING - GINT STD US LAB.GDT - 5/23/23 16:44 - P:\COMPANYWIDE PROJECTS\384000 SERIES\384736 NEW YORK, NY\ISM TASK 13 - SM RAIWELL INSTALLATION PROGRAM\WELL CONSTRUCTION LOGS\384736.WELL CONSTRUCTION LOGS.GPJ

<b>CLIENT</b> <u>M4778 Broadway LLC</u>	<b>PROJECT NAME</b> <u>New York, New York</u>
<b>PROJECT NUMBER</b> <u>384736</u>	<b>PROJECT LOCATION</b> <u>4778 Broadway</u>
<b>DATE STARTED</b> <u>3/15/23</u> <b>COMPLETED</b> <u>3/15/23</u>	<b>GROUND ELEVATION</b> _____ <b>HOLE SIZE</b> <u>8.25 inches</u>
<b>DRILLING CONTRACTOR</b> <u>Core Down</u>	<b>GROUND WATER LEVELS:</b>
<b>DRILLING METHOD</b> <u>Hollow Stem Auger</u>	<b>AT TIME OF DRILLING</b> <u>---</u>
<b>LOGGED BY</b> <u>Joseph Maggiulli</u> <b>CHECKED BY</b> _____	<b>AT END OF DRILLING</b> <u>---</u>
<b>NOTES</b> <u>4" Diameter Injection Well</u>	<b>AFTER DRILLING</b> <u>---</u>

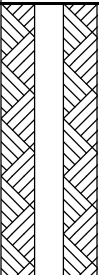

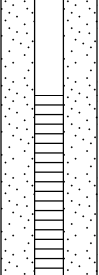
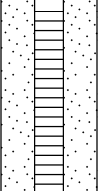
DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0.0						
2.5						PVC Riser with Grout
5.0						PVC Riser with Bentonite Seal
7.5						PVC Riser with Sand Pack
10.0						0.020" Slotted PVC Screen with Sand Pack

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<b>CLIENT</b> <u>M4778 Broadway LLC</u>	<b>PROJECT NAME</b> <u>New York, New York</u>
<b>PROJECT NUMBER</b> <u>384736</u>	<b>PROJECT LOCATION</b> <u>4778 Broadway</u>
<b>DATE STARTED</b> <u>3/15/23</u> <b>COMPLETED</b> <u>3/15/23</u>	<b>GROUND ELEVATION</b> _____ <b>HOLE SIZE</b> <u>8.25 inches</u>
<b>DRILLING CONTRACTOR</b> <u>Core Down</u>	<b>GROUND WATER LEVELS:</b>
<b>DRILLING METHOD</b> <u>Hollow Stem Auger</u>	<b>AT TIME OF DRILLING</b> <u>---</u>
<b>LOGGED BY</b> <u>Joseph Maggiulli</u> <b>CHECKED BY</b> _____	<b>AT END OF DRILLING</b> <u>---</u>
<b>NOTES</b> <u>4" Diameter Injection Well</u>	<b>AFTER DRILLING</b> <u>---</u>

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0.0						
2.5						 PVC Riser with Grout
						 PVC Riser with Bentonite Seal
5.0						 PVC Riser with Sand Pack
						 0.020" Slotted PVC Screen with Sand Pack

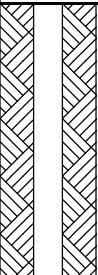

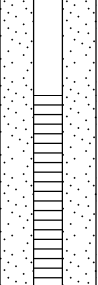
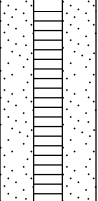


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# BORING NUMBER IW-4

AEI BORING - GINT STD US LAB.GDT - 5/23/23 16:44 - P:\COMPANYWIDE PROJECTS\384000 SERIES\384736 NEW YORK, NY\SM TASK 13 - SM RAIWELL INSTALLATION PROGRAM\WELL CONSTRUCTION LOGS\384736 WELL CONSTRUCTION LOGS.GPJ

<b>CLIENT</b> <u>M4778 Broadway LLC</u>	<b>PROJECT NAME</b> <u>New York, New York</u>
<b>PROJECT NUMBER</b> <u>384736</u>	<b>PROJECT LOCATION</b> <u>4778 Broadway</u>
<b>DATE STARTED</b> <u>3/15/23</u> <b>COMPLETED</b> <u>3/15/23</u>	<b>GROUND ELEVATION</b> _____ <b>HOLE SIZE</b> <u>8.25 inches</u>
<b>DRILLING CONTRACTOR</b> <u>Core Down</u>	<b>GROUND WATER LEVELS:</b>
<b>DRILLING METHOD</b> <u>Hollow Stem Auger</u>	<b>AT TIME OF DRILLING</b> <u>---</u>
<b>LOGGED BY</b> <u>Joseph Maggiulli</u> <b>CHECKED BY</b> _____	<b>AT END OF DRILLING</b> <u>---</u>
<b>NOTES</b> <u>4" Diameter Injection Well</u>	<b>AFTER DRILLING</b> <u>---</u>

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0.0						
2.5						 PVC Riser with Grout
						 PVC Riser with Bentonite Seal
5.0						 PVC Riser with Sand Pack
						 0.020" Slotted PVC Screen with Sand Pack





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# BORING NUMBER IW-5

AEI BORING - GINT STD US LAB.GDT - 5/23/23 16:44 - P:\COMPANYWIDE PROJECTS\384000 SERIES\384736 NEW YORK, NY\ISM TASK 13 - SM RAIWELL INSTALLATION PROGRAM\WELL CONSTRUCTION LOGS\384736 WELL CONSTRUCTION LOGS.GPJ

<b>CLIENT</b> <u>M4778 Broadway LLC</u>	<b>PROJECT NAME</b> <u>New York, New York</u>
<b>PROJECT NUMBER</b> <u>384736</u>	<b>PROJECT LOCATION</b> <u>4778 Broadway</u>
<b>DATE STARTED</b> <u>3/15/23</u> <b>COMPLETED</b> <u>3/15/23</u>	<b>GROUND ELEVATION</b> _____ <b>HOLE SIZE</b> <u>8.25 inches</u>
<b>DRILLING CONTRACTOR</b> <u>Core Down</u>	<b>GROUND WATER LEVELS:</b>
<b>DRILLING METHOD</b> <u>Hollow Stem Auger</u>	<b>AT TIME OF DRILLING</b> <u>---</u>
<b>LOGGED BY</b> <u>Joseph Maggiulli</u> <b>CHECKED BY</b> _____	<b>AT END OF DRILLING</b> <u>---</u>
<b>NOTES</b> <u>4" Diameter Injection Well</u>	<b>AFTER DRILLING</b> <u>---</u>

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0.0						
2.5						PVC Riser with Grout
5.0						PVC Riser with Bentonite Seal
						PVC Riser with Sand Pack
						0.020" Slotted PVC Screen with Sand Pack

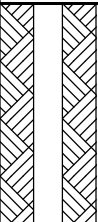

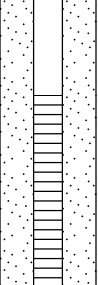
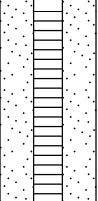


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# BORING NUMBER IW-6

AEI BORING - GINT STD US LAB.GDT - 5/23/23 16:44 - P:\COMPANYWIDE PROJECTS\384000 SERIES\384736 NEW YORK, NY\SM TASK 13 - SM RAIWELL INSTALLATION PROGRAM\WELL CONSTRUCTION LOGS\384736.WELL CONSTRUCTION LOGS.GPJ

<b>CLIENT</b> <u>M4778 Broadway LLC</u>	<b>PROJECT NAME</b> <u>New York, New York</u>
<b>PROJECT NUMBER</b> <u>384736</u>	<b>PROJECT LOCATION</b> <u>4778 Broadway</u>
<b>DATE STARTED</b> <u>3/16/23</u> <b>COMPLETED</b> <u>3/16/23</u>	<b>GROUND ELEVATION</b> _____ <b>HOLE SIZE</b> <u>8.25 inches</u>
<b>DRILLING CONTRACTOR</b> <u>Core Down</u>	<b>GROUND WATER LEVELS:</b>
<b>DRILLING METHOD</b> <u>Hollow Stem Auger</u>	<b>AT TIME OF DRILLING</b> <u>---</u>
<b>LOGGED BY</b> <u>Joseph Maggiulli</u> <b>CHECKED BY</b> _____	<b>AT END OF DRILLING</b> <u>---</u>
<b>NOTES</b> <u>4" Diameter Injection Well</u>	<b>AFTER DRILLING</b> <u>---</u>

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0.0						
2.5						 PVC Riser with Grout
						 PVC Riser with Bentonite Seal
5.0						 PVC Riser with Sand Pack
						 0.020" Slotted PVC Screen with Sand Pack



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# BORING NUMBER IW-7

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<b>CLIENT</b> <u>M4778 Broadway LLC</u>	<b>PROJECT NAME</b> <u>New York, New York</u>
<b>PROJECT NUMBER</b> <u>384736</u>	<b>PROJECT LOCATION</b> <u>4778 Broadway</u>
<b>DATE STARTED</b> <u>3/16/23</u> <b>COMPLETED</b> <u>3/16/23</u>	<b>GROUND ELEVATION</b> _____ <b>HOLE SIZE</b> <u>8.25 inches</u>
<b>DRILLING CONTRACTOR</b> <u>Core Down</u>	<b>GROUND WATER LEVELS:</b>
<b>DRILLING METHOD</b> <u>Hollow Stem Auger</u>	<b>AT TIME OF DRILLING</b> <u>---</u>
<b>LOGGED BY</b> <u>Joseph Maggiulli</u> <b>CHECKED BY</b> _____	<b>AT END OF DRILLING</b> <u>---</u>
<b>NOTES</b> <u>4" Diameter Injection Well</u>	<b>AFTER DRILLING</b> <u>---</u>

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0						
1						PVC Riser with Grout
2						PVC Riser with Bentonite Seal
3						PVC Riser with Sand Pack
4						0.020" Slotted PVC Screen with Sand Pack


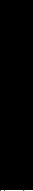




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# BORING NUMBER IW-8

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<b>CLIENT</b> <u>M4778 Broadway LLC</u>	<b>PROJECT NAME</b> <u>New York, New York</u>
<b>PROJECT NUMBER</b> <u>384736</u>	<b>PROJECT LOCATION</b> <u>4778 Broadway</u>
<b>DATE STARTED</b> <u>3/17/23</u> <b>COMPLETED</b> <u>3/17/23</u>	<b>GROUND ELEVATION</b> _____ <b>HOLE SIZE</b> <u>8.25 inches</u>
<b>DRILLING CONTRACTOR</b> <u>Core Down</u>	<b>GROUND WATER LEVELS:</b>
<b>DRILLING METHOD</b> <u>Hollow Stem Auger</u>	<b>AT TIME OF DRILLING</b> <u>---</u>
<b>LOGGED BY</b> <u>Joseph Maggiulli</u> <b>CHECKED BY</b> _____	<b>AT END OF DRILLING</b> <u>---</u>
<b>NOTES</b> <u>4" Diameter Injection Well</u>	<b>AFTER DRILLING</b> <u>---</u>

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0.0						
2.5						 PVC Riser with Grout
						 PVC Riser with Bentonite Seal
						 PVC Riser with Sand Pack
5.0						 0.020" Slotted PVC Screen with Sand Pack

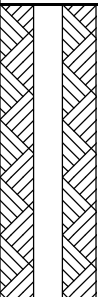

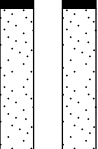
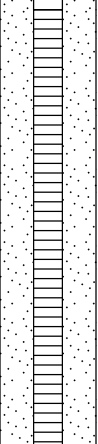


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# BORING NUMBER IW-9

AEI BORING - GINT STD US LAB.GDT - 5/23/23 16:44 - P:\COMPANYWIDE PROJECTS\384000 SERIES\384736 NEW YORK, NY\SM TASK 13 - SM RAIWELL INSTALLATION PROGRAM\WELL CONSTRUCTION LOGS.GPJ

<b>CLIENT</b> <u>M4778 Broadway LLC</u>	<b>PROJECT NAME</b> <u>New York, New York</u>
<b>PROJECT NUMBER</b> <u>384736</u>	<b>PROJECT LOCATION</b> <u>4778 Broadway</u>
<b>DATE STARTED</b> <u>3/17/23</u> <b>COMPLETED</b> <u>3/17/23</u>	<b>GROUND ELEVATION</b> _____ <b>HOLE SIZE</b> <u>8.25 inches</u>
<b>DRILLING CONTRACTOR</b> <u>Core Down</u>	<b>GROUND WATER LEVELS:</b>
<b>DRILLING METHOD</b> <u>Hollow Stem Auger</u>	<b>AT TIME OF DRILLING</b> <u>---</u>
<b>LOGGED BY</b> <u>Joseph Maggiulli</u> <b>CHECKED BY</b> _____	<b>AT END OF DRILLING</b> <u>---</u>
<b>NOTES</b> <u>4" Diameter Injection Well</u>	<b>AFTER DRILLING</b> <u>---</u>

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0.0						
2.5						 PVC Riser with Grout
						 PVC Riser with Bentonite Seal
5.0						 PVC Riser with Sand Pack
						 0.020" Slotted PVC Screen with Sand Pack



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# BORING NUMBER IW-10

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<b>CLIENT</b> <u>M4778 Broadway LLC</u>	<b>PROJECT NAME</b> <u>New York, New York</u>
<b>PROJECT NUMBER</b> <u>384736</u>	<b>PROJECT LOCATION</b> <u>4778 Broadway</u>
<b>DATE STARTED</b> <u>3/17/23</u> <b>COMPLETED</b> <u>3/17/23</u>	<b>GROUND ELEVATION</b> _____ <b>HOLE SIZE</b> <u>8.25 inches</u>
<b>DRILLING CONTRACTOR</b> <u>Core Down</u>	<b>GROUND WATER LEVELS:</b>
<b>DRILLING METHOD</b> <u>Hollow Stem Auger</u>	<b>AT TIME OF DRILLING</b> <u>---</u>
<b>LOGGED BY</b> <u>Joseph Maggiulli</u> <b>CHECKED BY</b> _____	<b>AT END OF DRILLING</b> <u>---</u>
<b>NOTES</b> <u>4" Diameter Injection Well</u>	<b>AFTER DRILLING</b> <u>---</u>

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0.0						
2.5						PVC Riser with Grout
5.0						PVC Riser with Bentonite Seal
7.5						PVC Riser with Sand Pack
10.0						0.020" Slotted PVC Screen with Sand Pack



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# BORING NUMBER IW-11

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<b>CLIENT</b> <u>M4778 Broadway LLC</u>	<b>PROJECT NAME</b> <u>New York, New York</u>
<b>PROJECT NUMBER</b> <u>384736</u>	<b>PROJECT LOCATION</b> <u>4778 Broadway</u>
<b>DATE STARTED</b> <u>3/17/23</u> <b>COMPLETED</b> <u>3/17/23</u>	<b>GROUND ELEVATION</b> _____ <b>HOLE SIZE</b> <u>8.25 inches</u>
<b>DRILLING CONTRACTOR</b> <u>Core Down</u>	<b>GROUND WATER LEVELS:</b>
<b>DRILLING METHOD</b> <u>Hollow Stem Auger</u>	<b>AT TIME OF DRILLING</b> <u>---</u>
<b>LOGGED BY</b> <u>Joseph Maggiulli</u> <b>CHECKED BY</b> _____	<b>AT END OF DRILLING</b> <u>---</u>
<b>NOTES</b> <u>4" Diameter Injection Well</u>	<b>AFTER DRILLING</b> <u>---</u>

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0.0						
2.5						PVC Riser with Grout
5.0						PVC Riser with Bentonite Seal
7.5						PVC Riser with Sand Pack
10.0						0.020" Slotted PVC Screen with Sand Pack



AEI Consultants  
 2500 Camino Diablo  
 Walnut Creek, CA 94596  
 Telephone: 925-746-6000  
 Fax: 925-746-6099

# BORING NUMBER MW-1

AEI BORING - GINT STD US LAB.GDT - 5/23/23 16:44 - P:\COMPANYWIDE PROJECTS\384000 SERIES\384736 NEW YORK, NY\SM TASK 13 - SM RAIWELL INSTALLATION PROGRAM\WELL CONSTRUCTION LOGS\384736 WELL CONSTRUCTION LOGS.GPJ

<b>CLIENT</b> <u>M4778 Broadway LLC</u>	<b>PROJECT NAME</b> <u>New York, New York</u>
<b>PROJECT NUMBER</b> <u>384736</u>	<b>PROJECT LOCATION</b> <u>4778 Broadway</u>
<b>DATE STARTED</b> <u>3/15/23</u> <b>COMPLETED</b> <u>3/15/23</u>	<b>GROUND ELEVATION</b> _____ <b>HOLE SIZE</b> <u>6.25 inches</u>
<b>DRILLING CONTRACTOR</b> <u>Core Down</u>	<b>GROUND WATER LEVELS:</b>
<b>DRILLING METHOD</b> <u>Hollow Stem Auger</u>	<b>AT TIME OF DRILLING</b> <u>---</u>
<b>LOGGED BY</b> <u>Joseph Maggiulli</u> <b>CHECKED BY</b> _____	<b>AT END OF DRILLING</b> <u>---</u>
<b>NOTES</b> <u>2" Diameter Monitoring Well</u>	<b>AFTER DRILLING</b> <u>---</u>

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0.0						
2.5						PVC Riser with Grout
5.0						PVC Riser with Bentonite Seal PVC Riser with Sand Pack
7.5						0.020" Slotted PVC Screen with Sand Pack
10.0						



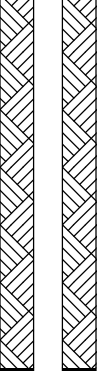


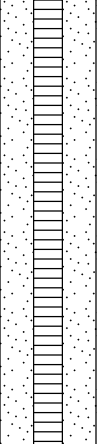


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# BORING NUMBER MW-2

AEI BORING - GINT STD US LAB.GDT - 5/23/23 16:44 - P:\COMPANYWIDE PROJECTS\384000 SERIES\384736 NEW YORK, NY\SM TASK 13 - SM RAIWELL INSTALLATION PROGRAM\WELL CONSTRUCTION LOGS\384736 WELL CONSTRUCTION LOGS.GPJ

<b>CLIENT</b> <u>M4778 Broadway LLC</u>	<b>PROJECT NAME</b> <u>New York, New York</u>
<b>PROJECT NUMBER</b> <u>384736</u>	<b>PROJECT LOCATION</b> <u>4778 Broadway</u>
<b>DATE STARTED</b> <u>3/16/23</u> <b>COMPLETED</b> <u>3/16/23</u>	<b>GROUND ELEVATION</b> _____ <b>HOLE SIZE</b> <u>6.25 inches</u>
<b>DRILLING CONTRACTOR</b> <u>Core Down</u>	<b>GROUND WATER LEVELS:</b>
<b>DRILLING METHOD</b> <u>Hollow Stem Auger</u>	<b>AT TIME OF DRILLING</b> <u>---</u>
<b>LOGGED BY</b> <u>Joseph Maggiulli</u> <b>CHECKED BY</b> _____	<b>AT END OF DRILLING</b> <u>---</u>
<b>NOTES</b> <u>2" Diameter Monitoring Well</u>	<b>AFTER DRILLING</b> <u>---</u>

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0.0						
2.5						 PVC Riser with Grout
						 PVC Riser with Bentonite Seal
5.0						 PVC Riser with Sand Pack
						 0.020" Slotted PVC Screen with Sand Pack



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# BORING NUMBER MW-3

AEI BORING - GINT STD US LAB.GDT - 5/23/23 16:44 - P:\COMPANYWIDE PROJECTS\384000 SERIES\384736 NEW YORK, NY\ISM TASK 13 - SM RAIWELL INSTALLATION PROGRAM\WELL CONSTRUCTION LOGS\384736.WELL CONSTRUCTION LOGS.GPJ

<b>CLIENT</b> <u>M4778 Broadway LLC</u>	<b>PROJECT NAME</b> <u>New York, New York</u>
<b>PROJECT NUMBER</b> <u>384736</u>	<b>PROJECT LOCATION</b> <u>4778 Broadway</u>
<b>DATE STARTED</b> <u>3/17/23</u> <b>COMPLETED</b> <u>3/17/23</u>	<b>GROUND ELEVATION</b> _____ <b>HOLE SIZE</b> <u>6.25 inches</u>
<b>DRILLING CONTRACTOR</b> <u>Core Down</u>	<b>GROUND WATER LEVELS:</b>
<b>DRILLING METHOD</b> <u>Hollow Stem Auger</u>	<b>AT TIME OF DRILLING</b> <u>---</u>
<b>LOGGED BY</b> <u>Joseph Maggiulli</u> <b>CHECKED BY</b> _____	<b>AT END OF DRILLING</b> <u>---</u>
<b>NOTES</b> <u>2" Diameter Monitoring Well</u>	<b>AFTER DRILLING</b> <u>---</u>

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0.0						
2.5						PVC Riser with Grout
5.0						PVC Riser with Bentonite Seal
7.5						PVC Riser with Sand Pack
10.0						0.020" Slotted PVC Screen with Sand Pack
12.5						
15.0						



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# BORING NUMBER MW-4

AEI BORING - GINT STD US LAB.GDT - 5/23/23 16:44 - P:\COMPANYWIDE PROJECTS\384000 SERIES\384736 NEW YORK, NY\SM TASK 13 - SM RAIWELL INSTALLATION PROGRAM\WELL CONSTRUCTION LOGS\384736 WELL CONSTRUCTION LOGS.GPJ

<b>CLIENT</b> <u>M4778 Broadway LLC</u>	<b>PROJECT NAME</b> <u>New York, New York</u>
<b>PROJECT NUMBER</b> <u>384736</u>	<b>PROJECT LOCATION</b> <u>4778 Broadway</u>
<b>DATE STARTED</b> <u>3/13/23</u> <b>COMPLETED</b> <u>3/13/23</u>	<b>GROUND ELEVATION</b> _____ <b>HOLE SIZE</b> <u>6.25 inches</u>
<b>DRILLING CONTRACTOR</b> <u>Core Down</u>	<b>GROUND WATER LEVELS:</b>
<b>DRILLING METHOD</b> <u>Hollow Stem Auger</u>	<b>AT TIME OF DRILLING</b> <u>---</u>
<b>LOGGED BY</b> <u>Joseph Maggiulli</u> <b>CHECKED BY</b> _____	<b>AT END OF DRILLING</b> <u>---</u>
<b>NOTES</b> <u>2" Diameter Monitoring Well</u>	<b>AFTER DRILLING</b> <u>---</u>

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0.0						
2.5						PVC Riser with Grout
5.0						PVC Riser with Bentonite Seal
						PVC Riser with Sand Pack
						0.020" Slotted PVC Screen with Sand Pack



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# BORING NUMBER MW-5

AEI BORING - GINT STD US LAB.GDT - 5/23/23 16:44 - P:\COMPANYWIDE PROJECTS\384000 SERIES\384736 NEW YORK, NY\ISM TASK 13 - SM RAIWELL INSTALLATION PROGRAM\WELL CONSTRUCTION LOGS\384736 WELL CONSTRUCTION LOGS.GPJ

<b>CLIENT</b> <u>M4778 Broadway LLC</u>	<b>PROJECT NAME</b> <u>New York, New York</u>
<b>PROJECT NUMBER</b> <u>384736</u>	<b>PROJECT LOCATION</b> <u>4778 Broadway</u>
<b>DATE STARTED</b> <u>3/16/23</u> <b>COMPLETED</b> <u>3/16/23</u>	<b>GROUND ELEVATION</b> _____ <b>HOLE SIZE</b> <u>6.25 inches</u>
<b>DRILLING CONTRACTOR</b> <u>Core Down</u>	<b>GROUND WATER LEVELS:</b>
<b>DRILLING METHOD</b> <u>Hollow Stem Auger</u>	<b>AT TIME OF DRILLING</b> <u>---</u>
<b>LOGGED BY</b> <u>Joseph Maggiulli</u> <b>CHECKED BY</b> _____	<b>AT END OF DRILLING</b> <u>---</u>
<b>NOTES</b> <u>2" Diameter Monitoring Well</u>	<b>AFTER DRILLING</b> <u>---</u>

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0.0						
2.5						PVC Riser with Grout
5.0						PVC Riser with Bentonite Seal
7.5						PVC Riser with Sand Pack
10.0						0.020" Slotted PVC Screen with Sand Pack
12.5						
15.0						



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# BORING NUMBER MW-6

AEI BORING - GINT STD US LAB.GDT - 5/23/23 16:44 - P:\COMPANYWIDE PROJECTS\384000 SERIES\384736 NEW YORK, NY\SM TASK 13 - SM RAIWELL INSTALLATION PROGRAM\WELL CONSTRUCTION LOGS\384736 WELL CONSTRUCTION LOGS.GPJ

<b>CLIENT</b> <u>M4778 Broadway LLC</u>	<b>PROJECT NAME</b> <u>New York, New York</u>
<b>PROJECT NUMBER</b> <u>384736</u>	<b>PROJECT LOCATION</b> <u>4778 Broadway</u>
<b>DATE STARTED</b> <u>3/16/23</u> <b>COMPLETED</b> <u>3/16/23</u>	<b>GROUND ELEVATION</b> _____ <b>HOLE SIZE</b> <u>6.25 inches</u>
<b>DRILLING CONTRACTOR</b> <u>Core Down</u>	<b>GROUND WATER LEVELS:</b>
<b>DRILLING METHOD</b> <u>Hollow Stem Auger</u>	<b>AT TIME OF DRILLING</b> <u>---</u>
<b>LOGGED BY</b> <u>Joseph Maggiulli</u> <b>CHECKED BY</b> _____	<b>AT END OF DRILLING</b> <u>---</u>
<b>NOTES</b> <u>2" Diameter Monitoring Well</u>	<b>AFTER DRILLING</b> <u>---</u>

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0.0						
2.5						PVC Riser with Grout
5.0						PVC Riser with Bentonite Seal
7.5						PVC Riser with Sand Pack
10.0						0.020" Slotted PVC Screen with Sand Pack

# **Appendix P**

## **Laboratory Analytical Reports**



## **Appendix Q**

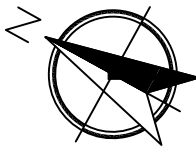
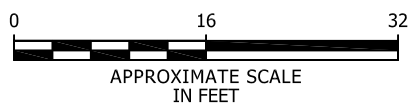
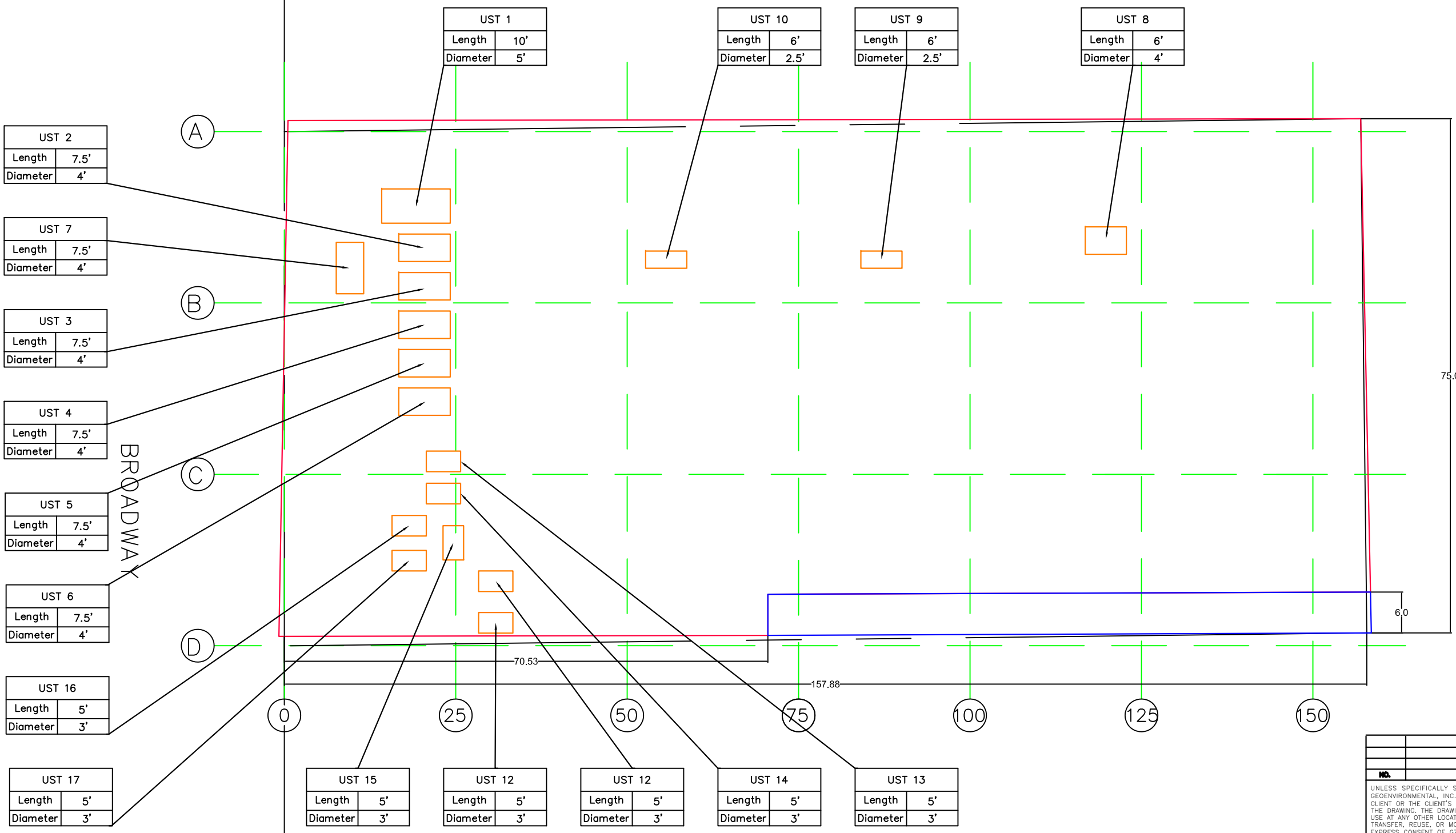
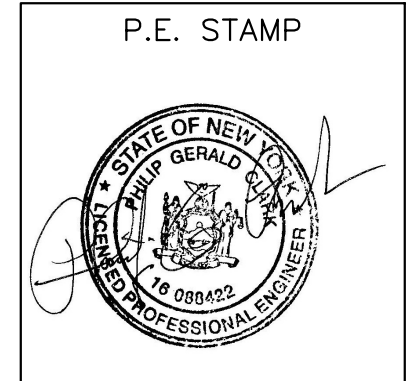
### **Professional Engineer Stamped Figures**



- LEGEND:**
- Boundary Line
  - Completed Excavation Area to 15 ft bgs
  - Completed Excavation Area to 6 ft bgs
  - Former Underground Storage Tank (UST)

**NOTES:**

1. All UST dimensions are in feet. USTs were removed from the Site as of December 21, 2022.



NO.	ISSUE/DESCRIPTION	BY	DATE
<small>UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GEOENVIRONMENTAL, INC. (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY G CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION. IDENTIFY THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WR EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO</small>			
<b>4778 BROADWAY NEW YORK, NY 10034</b>			
<b>Former UST Location Map</b>			
<b>Appendix Q</b>		PREPARED FOR: M4778 BROADWAY, LLC	
PROJ MGR: ZL DESIGNED BY: SG DATE: March 2025	REVIEWED BY: ZL DRAWN BY: SG PROJECT NO. 41.0163310.10	CHECKED BY: VW SCALE: 1"=16' REVISION NO.	FIGURE <b>1</b> SHEET NO.

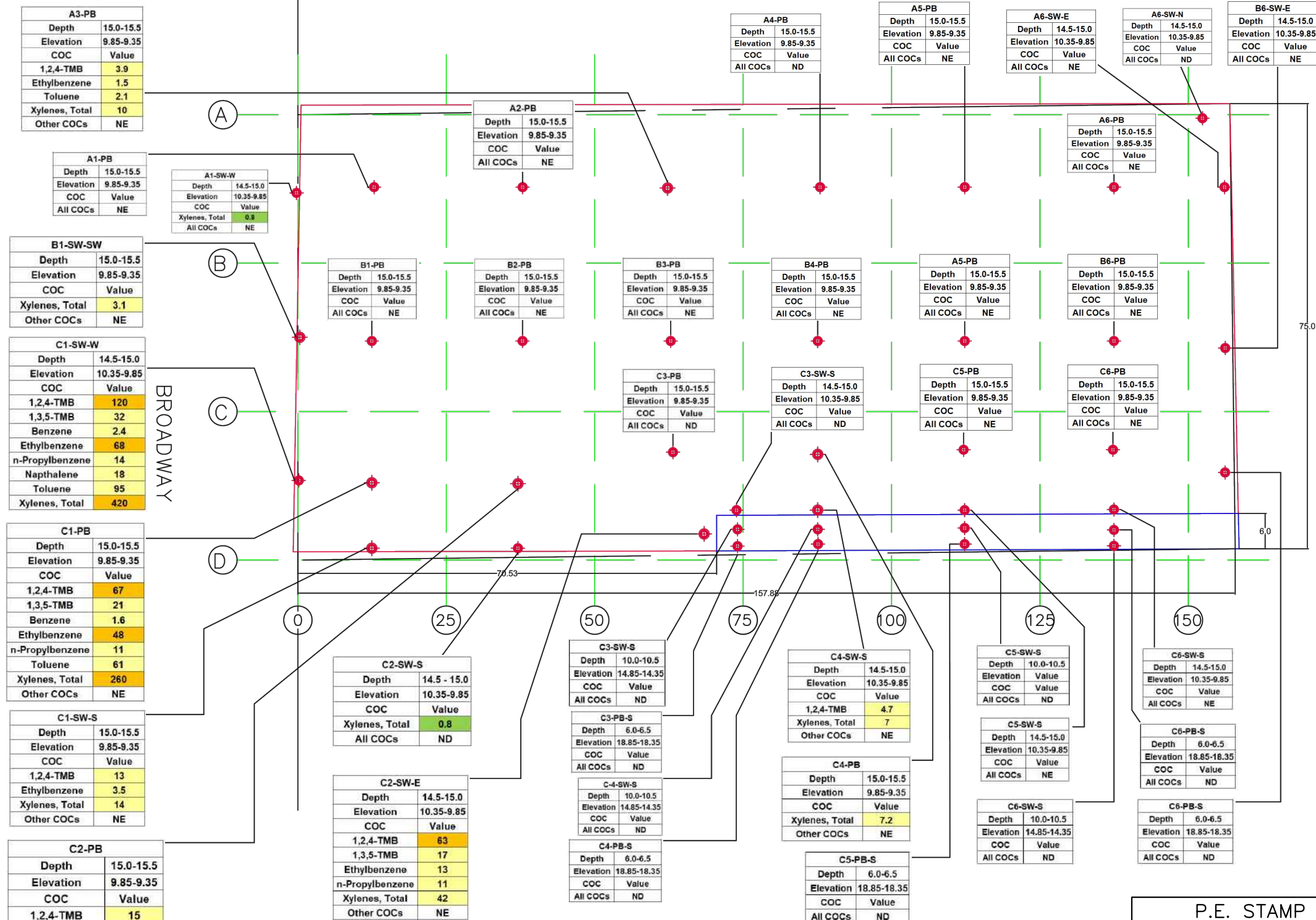
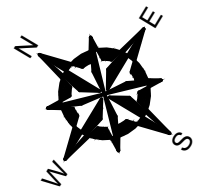


**GENERAL NOTES**

1. BASE MAP DEVELOPED FROM DRAWING TITLED "REMAINING SOIL EXCEEDANCES MAP", PREPARED BY AEI CONSULTANTS, ORIGINAL SCALE 1"=16', DATED SEPTEMBER 15, 2023.
2. ALL SAMPLE DEPTHS ARE IN FEET BELOW GROUND SURFACE (BGS). CONCENTRATIONS ARE IN MILIGRAMS PER KILOGRAM (MG/KG).
3. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

**LEGEND**

- APPROXIMATE SITE BOUNDARY
- COMPLETED EXCAVATION AREA TO 15 FT BGS
- COMPLETED EXCAVATION AREA TO 6 FT BGS
- ⊕ APPROXIMATE POST-EXCAVATION SOIL SAMPLE LOCATION



A3-PB	
Depth	15.0-15.5
Elevation	9.85-9.35
COC	Value
1,2,4-TMB	3.9
Ethylbenzene	1.5
Toluene	2.1
Xylenes, Total	10
Other COCs	NE

A1-PB	
Depth	15.0-15.5
Elevation	9.85-9.35
COC	Value
All COCs	NE

B1-SW-SW	
Depth	15.0-15.5
Elevation	9.85-9.35
COC	Value
Xylenes, Total	3.1
Other COCs	NE

C1-SW-W	
Depth	14.5-15.0
Elevation	10.35-9.85
COC	Value
1,2,4-TMB	120
1,3,5-TMB	32
Benzene	2.4
Ethylbenzene	68
n-Propylbenzene	14
Napthalene	18
Toluene	95
Xylenes, Total	420

C1-PB	
Depth	15.0-15.5
Elevation	9.85-9.35
COC	Value
1,2,4-TMB	67
1,3,5-TMB	21
Benzene	1.6
Ethylbenzene	48
n-Propylbenzene	11
Toluene	61
Xylenes, Total	260
Other COCs	NE

C1-SW-S	
Depth	15.0-15.5
Elevation	9.85-9.35
COC	Value
1,2,4-TMB	13
Ethylbenzene	3.5
Xylenes, Total	14
Other COCs	NE

C2-PB	
Depth	15.0-15.5
Elevation	9.85-9.35
COC	Value
1,2,4-TMB	15
Benzene	0.27
Ethylbenzene	6
Toluene	2.7
Xylenes, Total	24
Other COCs	NE

A1-SW-W	
Depth	14.5-15.0
Elevation	10.35-9.85
COC	Value
Xylenes, Total	9.8
All COCs	NE

B1-PB	
Depth	15.0-15.5
Elevation	9.85-9.35
COC	Value
All COCs	NE

B2-PB	
Depth	15.0-15.5
Elevation	9.85-9.35
COC	Value
All COCs	NE

B3-PB	
Depth	15.0-15.5
Elevation	9.85-9.35
COC	Value
All COCs	NE

B4-PB	
Depth	15.0-15.5
Elevation	9.85-9.35
COC	Value
All COCs	NE

A5-PB	
Depth	15.0-15.5
Elevation	9.85-9.35
COC	Value
All COCs	NE

B6-PB	
Depth	15.0-15.5
Elevation	9.85-9.35
COC	Value
All COCs	NE

C3-PB	
Depth	15.0-15.5
Elevation	9.85-9.35
COC	Value
All COCs	ND

C3-SW-S	
Depth	14.5-15.0
Elevation	10.35-9.85
COC	Value
All COCs	ND

C5-PB	
Depth	15.0-15.5
Elevation	9.85-9.35
COC	Value
All COCs	NE

C6-PB	
Depth	15.0-15.5
Elevation	9.85-9.35
COC	Value
All COCs	NE

C2-SW-S	
Depth	14.5 - 15.0
Elevation	10.35-9.85
COC	Value
Xylenes, Total	0.8
All COCs	ND

C3-SW-S	
Depth	10.0-10.5
Elevation	14.85-14.35
COC	Value
All COCs	ND

C3-PB-S	
Depth	6.0-6.5
Elevation	18.85-18.35
COC	Value
All COCs	ND

C4-SW-S	
Depth	10.0-10.5
Elevation	14.85-14.35
COC	Value
All COCs	ND

C4-PB-S	
Depth	6.0-6.5
Elevation	18.85-18.35
COC	Value
All COCs	ND

C4-SW-S	
Depth	14.5-15.0
Elevation	10.35-9.85
COC	Value
1,2,4-TMB	4.7
Xylenes, Total	7
Other COCs	NE

C4-PB	
Depth	15.0-15.5
Elevation	9.85-9.35
COC	Value
Xylenes, Total	7.2
Other COCs	NE

C5-PB-S	
Depth	6.0-6.5
Elevation	18.85-18.35
COC	Value
All COCs	ND

C5-SW-S	
Depth	10.0-10.5
Elevation	10.35-9.85
COC	Value
All COCs	ND

C5-SW-S	
Depth	14.5-15.0
Elevation	10.35-9.85
COC	Value
All COCs	NE

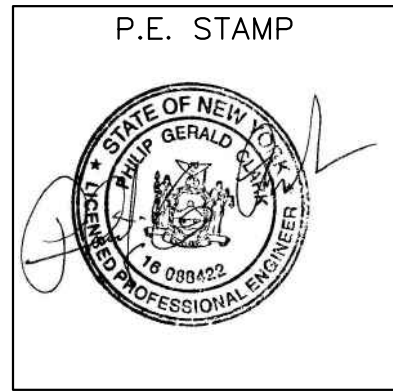
C6-SW-S	
Depth	10.0-10.5
Elevation	14.85-14.35
COC	Value
All COCs	ND

C6-SW-S	
Depth	14.5-15.0
Elevation	18.85-18.35
COC	Value
All COCs	NE

C6-PB-S	
Depth	6.0-6.5
Elevation	18.85-18.35
COC	Value
All COCs	ND

**COC - Contaminant of concern**  
**TMB - Trimethylbenzene**  
**ND - Not detected above laboratory MDL**  
**NE - Not in exceedance of SCOs**  
Yellow Highlight Concentration exceeds NYSDEC Protection of Groundwater SCO  
Orange Highlight Concentration exceeds NYSDEC Restricted Residential SCO  
Green Highlight Concentration exceeds NYSDEC Unrestricted Use SCO

Cleanup Objectives			
COC	NYPGWSCO	NYRRSCO	NYUUSCO
1,2,4-TMB	3.6	47	3.6
1,3,5-TMB	8.4	47	8.4
Benzene	0.06	2.9	0.06
Ethylbenzene	1	30	1
n-Propylbenzene	3.9	100	3.9
Napthalene	12	100	12
Toluene	0.7	100	0.7
Xylenes, Total	1.6	100	0.26

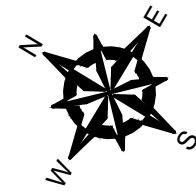


NO.	ISSUE/DESCRIPTION	BY	DATE

4778 BROADWAY  
NEW YORK, NY 10034

**POST EXCAVATION SOIL RESULTS**

<b>Appendix Q</b>		PREPARED FOR: M4778 BROADWAY, LLC	
PROJ MGR: ZL	REVIEWED BY: ZL	CHECKED BY: VW	FIGURE
DESIGNED BY: SG	DRAWN BY: SG	SCALE: 1"=20'	<b>2</b>
DATE: MAY 2025	PROJECT NO: 41.0163310.10	REVISION NO.	

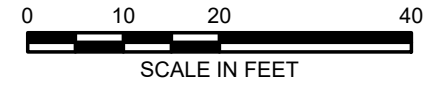


**GENERAL NOTES**

1. BASE MAP DEVELOPED FROM DRAWING TITLED "INJECTION WELL LOCATIONS AND ANTICIPATED ROI", PREPARED BY AEI CONSULTANTS, ORIGINAL SCALE 1"=16', DATED SEPTEMBER 15, 2023.
2. LOCATION OF WELLS ARE BASED ON SURVEY PREPARED BY AREK SURVEYING P.C., ORDERED BY GDI CONSTRUCTION LLC, DATED APRIL 28, 2023.
3. ONLY RI SOIL BORING/POST-EXCAVATION SAMPLE LOCATIONS WHICH RESULTED IN SOIL SAMPLE RESULTS IN EXCEEDANCE OF NYSDEC SOIL CLEANUP OBJECTIVE (SCOS) AT DEPTHS GREATER THAN OR EQUAL TO 15 FEET BGS ARE DEPICTED.
4. ALL SAMPLE DEPTHS ARE IN FEET BELOW GROUND SURFACE (BGS). CONCENTRATIONS ARE IN MILIGRAMS PER KILOGRAM (MG/KG).
5. ELEVATIONS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

**LEGEND**

- APPROXIMATE SITE BOUNDARY
- COMPLETED EXCAVATION AREA TO 15 FT BGS
- COMPLETED EXCAVATION AREA TO 6 FT BGS
- + APPROXIMATE POST-EXCAVATION SOIL SAMPLE LOCATION
- MW-1 APPROXIMATE PERMANENT MONITORING WELL LOCATION
- IW-1 APPROXIMATE INJECTION WELL LOCATION
- + RI SOIL BORING LOCATION (FEBRUARY 2020)
- MEDIUM VOLUME (15-FOOT ROI) INJECTION LOCATION
- HIGH VOLUME (20-FOOT) ROI INJECTION LOCATION
- APPROXIMATE GROUNDWATER TREATMENT AREA BASED ON THE GROUNDWATER TREATMENT PLAN DATED OCTOBER 27, 2022



A3-PB	
Depth	Value
15.0-15.5	
COC	3.9
1,2,4-TMB	1.4
1,3,5-TMB	0.039
Benzene	1.5
Ethybenzene	0.41
n-Propylbenzene	0.52
Naphthalene	2.1
Toluene	10
Xylenes, Total	

B1-SW-W	
Depth	Value
14.5-15.0	
COC	2.1
1,2,4-TMB	0.66
1,3,5-TMB	0.011J
Benzene	0.72
Ethybenzene	0.39
n-Propylbenzene	0.27
Naphthalene	ND
Toluene	3.1
Xylenes, Total	

SB-19	
Depth	Value
17.5-18	
COC	1.2
1,2,4-TMB	0.36
1,3,5-TMB	3.1
Benzene	5
Ethybenzene	0.18
n-Propylbenzene	ND
Naphthalene	17
Toluene	10
Xylenes, Total	

C1-SW-W	
Depth	Value
14.5-15.0	
COC	120
1,2,4-TMB	32
1,3,5-TMB	2.4
Benzene	68
Ethybenzene	14
n-Propylbenzene	18
Naphthalene	95
Toluene	420
Xylenes, Total	

C1-SW-S	
Depth	Value
14.5-15.0	
COC	13
1,2,4-TMB	4.9
1,3,5-TMB	0.034J
Benzene	3.5
Ethybenzene	2.1
n-Propylbenzene	1.9
Naphthalene	2.7
Toluene	0.075J
Xylenes, Total	14

C2-PB	
Depth	Value
15.0-15.5	
COC	15
1,2,4-TMB	6.1
1,3,5-TMB	0.27
Benzene	6
Ethybenzene	3.8
n-Propylbenzene	2.8
Naphthalene	2.7
Toluene	24
Xylenes, Total	

C2-SW-E	
Depth	Value
14.5-15.0	
COC	63
1,2,4-TMB	17
1,3,5-TMB	ND
Benzene	13
Ethybenzene	11
n-Propylbenzene	2.6
Naphthalene	0.24
Toluene	42
Xylenes, Total	

C4-PB	
Depth	Value
15.0-15.5	
COC	3.6
1,2,4-TMB	1.2
1,3,5-TMB	ND
Benzene	ND
Ethybenzene	ND
n-Propylbenzene	0.43
Naphthalene	0.36
Toluene	0.33
Xylenes, Total	7.2

C1-PB	
Depth	Value
15.0-15.5	
COC	67
1,2,4-TMB	21
1,3,5-TMB	1.6
Benzene	48
Ethybenzene	11
n-Propylbenzene	9.3
Naphthalene	61
Toluene	260
Xylenes, Total	

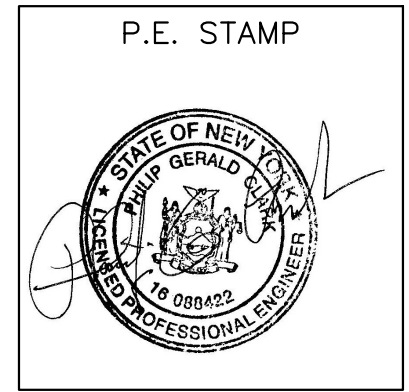
COC - contaminant of concern  
 TMB - Trimethylbenzene  
 J - Estimated concentration  
 ND - Not detected above laboratory MDL  
 ROI - Radius of influence  
  - Concentration exceeds NYSDEC Protection of Groundwater SCO  
  - Concentration exceeds NYSDEC Restricted-Residential SCO

Cleanup Objectives		
COC	NYGWSCON	NYRCSO
1,2,4-TMB	3.6	47
1,3,5-TMB	8.4	47
Benzene	0.06	2.9
Ethybenzene	1	30
n-Propylbenzene	3.9	100
Naphthalene	12	100
Toluene	0.7	100
Xylenes, Total	1.6	100

SB-18	
Depth	Value
17.5-18	
COC	420
1,2,4-TMB	120
1,3,5-TMB	54
Benzene	360
Ethybenzene	66
n-Propylbenzene	56
Naphthalene	810
Toluene	1700
Xylenes, Total	

SB-16	
Depth	Value
17.5-18	
COC	190
1,2,4-TMB	59
1,3,5-TMB	1.9
Benzene	110
Ethybenzene	33
n-Propylbenzene	20
Naphthalene	46
Toluene	570
Xylenes, Total	

C4-SW-S	
Depth	Value
14.5-15.0	
COC	4.7
1,2,4-TMB	1.5
1,3,5-TMB	ND
Benzene	0.98
Ethybenzene	0.40
n-Propylbenzene	0.46
Naphthalene	0.24
Toluene	7
Xylenes, Total	



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4778 BROADWAY NEW YORK, NY 10034			
<b>INJECTION WELL AND ANTICIPATED ROI</b>			
<b>Appendix Q</b>		PREPARED FOR: M4778 BROADWAY, LLC	
PROJ MGR: ZL	REVIEWED BY: ZL	CHECKED BY: VW	FIGURE
DESIGNED BY: SG	DRAWN BY: SG	SCALE: 1"=20'	<b>3</b>
DATE: March 2025	PROJECT NO. 41.0163310.10	REVISION NO.	SHEET NO.

MW-3							
VOCs							
COC	5/10/2023	12/21/2023	3/8/2024	6/7/2024	1/3/2025	1/28/2025	AWQS
1,2,4-TMB	61	ND	ND	ND	ND	ND	5
1,3,5-TMB	22	ND	ND	ND	ND	ND	5
Benzene	23	0.27 J	10	ND	ND	ND	1
Ethylbenzene	100	ND	5.2	ND	ND	ND	5
n-Propylbenzene	6.6 J	ND	ND	ND	ND	ND	5
Napthalene	12	ND	ND	ND	ND	ND	10
o-Xylene	81	ND	7.7	ND	ND	ND	5
m,p-Xylenes	280	ND	12	ND	ND	ND	5
Toluene	10 J	ND	43	ND	ND	ND	5
SVOCs							
Phenol	2.3 J	ND	NA	ND	ND	ND	1

NEWLY CONSTRUCTED 14-STORY MIXED USE STRUCTURE  
PARCEL NO. 233-0013

MW-6							
VOCs							
COC	5/10/2023	12/21/2023	3/8/2024	6/7/2024	1/2/2025	1/28/2025	AWQS
1,2,4,5-TetraMB	100	82	NS	NA	ND	ND	5
1,2,4-TMB	3,400	2,200	NS	1,790	ND	8.3 J	5
1,3,5-TMB	950	520	NS	466	ND	ND	5
Acetone	100 J	960	NS	412 J	1,800	4,400	50
Benzene	41	37	NS	5,580	3.2 J	15	1
Ethylbenzene	5,300	3,400	NS	4,300	ND	280	5
Isopropylbenzene	170	110	NS	94.8	ND	17	5
n-Propylbenzene	480	320	NS	238	ND	48	5
o-Xylene	7,000	460	NS	341	8.9 J	11 J	5
m,p-Xylenes	17,000	10,000	NS	14,200	8.8 J	170	5
Toluene	9,400	3,800	NS	21,500	ND	73	5
SVOCs							
2,4-Dimethylphenol	67	ND	NS	337	11	ND	50
Benzo(b)fluoranthene	0.01 J	ND	NS	ND	ND	ND	0.002
Chrysene	0.02 J	ND	NS	ND	ND	ND	0.002
Napthalene	140	430	NS	265	7.1	61	10

MW-4							
VOCs							
COC	5/10/2023	12/21/2023	3/8/2024	6/7/2024	1/2/2025	1/28/2025	AWQS
Ethylbenzene	29	ND	NS	ND	ND	ND	5
n-Propylbenzene	7.9	ND	NS	ND	ND	ND	5
Napthalene	11	ND	NS	ND	ND	ND	10
o-Xylene	49	ND	NS	ND	ND	ND	5
p-Isopropyltoluene	11	ND	NS	ND	ND	ND	5
m,p-Xylenes	140	ND	NS	ND	ND	ND	5
Toluene	10	ND	NS	ND	ND	ND	5
SVOCs							
Benzo(a)anthracene	0.02 J	0.02 J	NS	ND	ND	ND	0.002

MW-2							
VOCs							
COC	5/10/2023	12/21/2023	3/8/2024	6/7/2024	1/3/2025	1/28/2025	AWQS
1,2,4,5-TetraMB	8.8 J	140	ND	NA	ND	ND	5
1,2,4-TMB	140	4,200	930	1,540	ND	200	5
1,3,5-TMB	49	1,100	240	372	ND	20 J	5
Benzene	49	3,800	1,800	5,600	670	1,100	1
Ethylbenzene	180	5,500	1,900	4,150	120	1,100	5
Isopropylbenzene	7.2 J	180	ND	84	ND	25 J	5
n-Propylbenzene	20	520	110 J	189	8.6 J	68	5
Napthalene	16	710	130 J	338	ND	70	10
o-Xylene	270	8,000	2,900	5,520	7.2 J	960	5
m,p-Xylenes	620	18,000 D	7,200	12,300	ND	2,100	5
Toluene	710	20,000 D	10,000	25,300	410	4,600	5
SVOCs							
Benzo(b)fluoranthene	0.01 J	0.32	NA	ND	ND	ND	0.002
Phenol	2 J	180	NA	ND	7.3	15 J	1

MW-5							
VOCs							
COC	5/10/2023	12/21/2023	3/8/2024	6/7/2024	1/2/2025	1/28/2025	AWQS
1,2,4,5-TetraMB	110	100	ND	NA	10 J	15 J	5
1,2,4-TMB	1,700	1,200	5.6	126	230	360	5
1,3,5-TMB	580	350	2 J	50.2	ND	42 J	5
Ethylbenzene	730	420	3.6	116	760	750	5
Isopropylbenzene	73	48	ND	6	30	35 J	5
n-Butylbenzene	42 J	40	ND	1.3 J	9.2 J	ND	5
n-Propylbenzene	260	180	1.1 J	14.8	84	98	5
Napthalene	130	170	ND	15.1	120	110	10
o-Xylene	1,100	650	6.1	198	720	750	5
p-Isopropyltoluene	15 J	13 J	ND	NA	ND	ND	5
m,p-Xylenes	3,100	1,800	15	479	1,500	1,900	5
sec-Butylbenzene	25 J	19 J	ND	NA	ND	ND	5
Toluene	930	150	2 J	162	1,200	1,300	5
SVOCs							
Benzo(a)anthracene	0.3	0.14	NA	ND	ND	ND	0.002
Benzo(b)fluoranthene	0.18	0.09 J	NA	ND	ND	ND	0.002
Benzo(k)fluoranthene	0.06 J	0.02 J	NA	ND	ND	ND	0.002
Chrysene	0.28	0.13	NA	ND	ND	ND	0.002
Indeno(1,2,3-cd)pyrene	0.08 J	0.03 J	NA	ND	ND	ND	0.002
Napthalene	140 D	110 D	NA	3.6	110 E	130	10

MW-1							
VOCs							
COC	5/10/2023	12/21/2023	3/8/2024	6/7/2024	1/2/2025	1/28/2025	AWQS
1,2,4,5-TetraMB	140 J	400	56	NA	68	33 J	5
1,2,4-TMB	3,400	7,200	1,100	1,150	440 E	1,000	5
1,3,5-TMB	900	1,900	350	335	250 E	200	5
Benzene	150	140	8.8	14	64	120	1
Ethylbenzene	5,000	7,300	800	1,070	570 E	1,800	5
Isopropylbenzene	160 J	290	52	69	63	78 J	5
n-Propylbenzene	410 J	890	130	155	160	190	5
Napthalene	860	1,500	130	189	240 E	200	10
o-Xylene	7,400	9,900	1,200	1,500	650 E	890	5
m,p-Xylenes	20,000	28,000	3,900	3,960	1,800 E	5,600	5
Toluene	9,200	12,000	940	1,190	700 E	1,000	5
SVOCs							
Acenaphthene	21	8.1	NA	0.30 J	ND	ND	20
Benzo(a)anthracene	4.3	2.2	NA	ND	ND	ND	0.002
Benzo(b)fluoranthene	3.1	1.6	NA	ND	ND	ND	0.002
Benzo(k)fluoranthene	0.72 J	0.44 J	NA	ND	ND	ND	0.002
Chrysene	4	1.9	NA	ND	ND	ND	0.002
Fluorene	72	17	NA	0.52 J	ND	0.58 J	50
Indeno(1,2,3-cd)pyrene	1.1 J	0.67 J	NA	ND	ND	ND	0.002
Napthalene	6,900 D	2,000 D	NA	119	150 E	180	10
Phenathrene	60	25	NA	0.22 J	0.65	0.42 J	50

BROADWAY LLC  
NO. 2566-0005  
FARE SUPERMARKET

BROADWAY

MW-3

MW-2

MW-6

MW-5

MW-1

MW-4

**GENERAL NOTES**

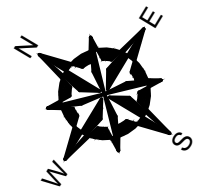
1. BASE MAP DEVELOPED FROM DRAWING TITLED "GROUNDWATER CONCENTRATION MAP - PRE-INJECTION", PREPARED BY AEI CONSULTANTS, ORIGINAL SCALE 1"=16', DATED SEPTEMBER 15, 2023.
2. LOCATION OF WELLS ARE BASED ON SURVEY PREPARED BY AREK SURVEYING P.C., ORDERED BY GDI CONSTRUCTION LLC, DATED APRIL 28, 2023.
3. ALL WATER ELEVATIONS ARE IN FEET ABOVE MEAN SEA LEVEL (ASML).
4. ALL CONCENTRATIONS ARE IN MICROGRAMS PER LITER (µG/L).
5. ONLY ANALYTES WITH DETECTED CONCENTRATIONS IN EXCESS OF NYSDEC AWQS OR SCREENING LEVELS ARE SHOWN.

**LEGEND**

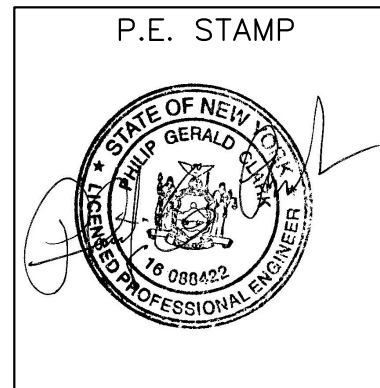
APPROXIMATE SITE BOUNDARY

APPROXIMATE PERMANENT MONITORING WELL LOCATION

→ Inferred Groundwater Flow Direction

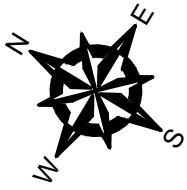


COC - Contaminant of Concern  
 AWQS - Ambient Water Quality Standard  
 TetraMB - Tetramethylbenzene  
 TMB - Trimethylbenzene  
 MW - Permanent Monitoring Well  
 J - Estimated Value. The analyte concentration is below the quantitative limit (RL), but above the method detection limit (MDL) or estimated detection limit (EDL)  
 ND - not detected at the reported detection limit  
 E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument  
 D - Concentration of analyte was quantified from diluted analysis  
 Concentration exceeds NYSDEC AWQS  
 Laboratory reporting limit exceeds NYSDEC AWQS



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<b>GROUNDWATER RESULTS -                      PRE-/POST-INJECTION</b>			
<b>Appendix Q</b>		PREPARED FOR: M4778 BROADWAY, LLC	
PROJ MGR: ZL	REVIEWED BY: ZL	CHECKED BY: VW	FIGURE
DESIGNED BY: SG	DRAWN BY: SG	SCALE: 1"=20'	<b>4</b> SHEET NO.
DATE: April 2025	PROJECT NO: 41.0163310.10	REVISION NO.	

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 GZA-\\GZANYM01\Jobs\Active 163310.10 - M4778 Broadway Remedial Closure Consulting\Drawings\GZA CAD\41.0163310.10 FER.dwg [FIG 5A] May 15, 2025 - 2:37pm Sella.Gupta

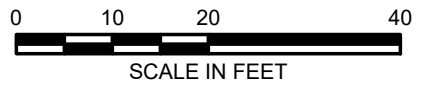
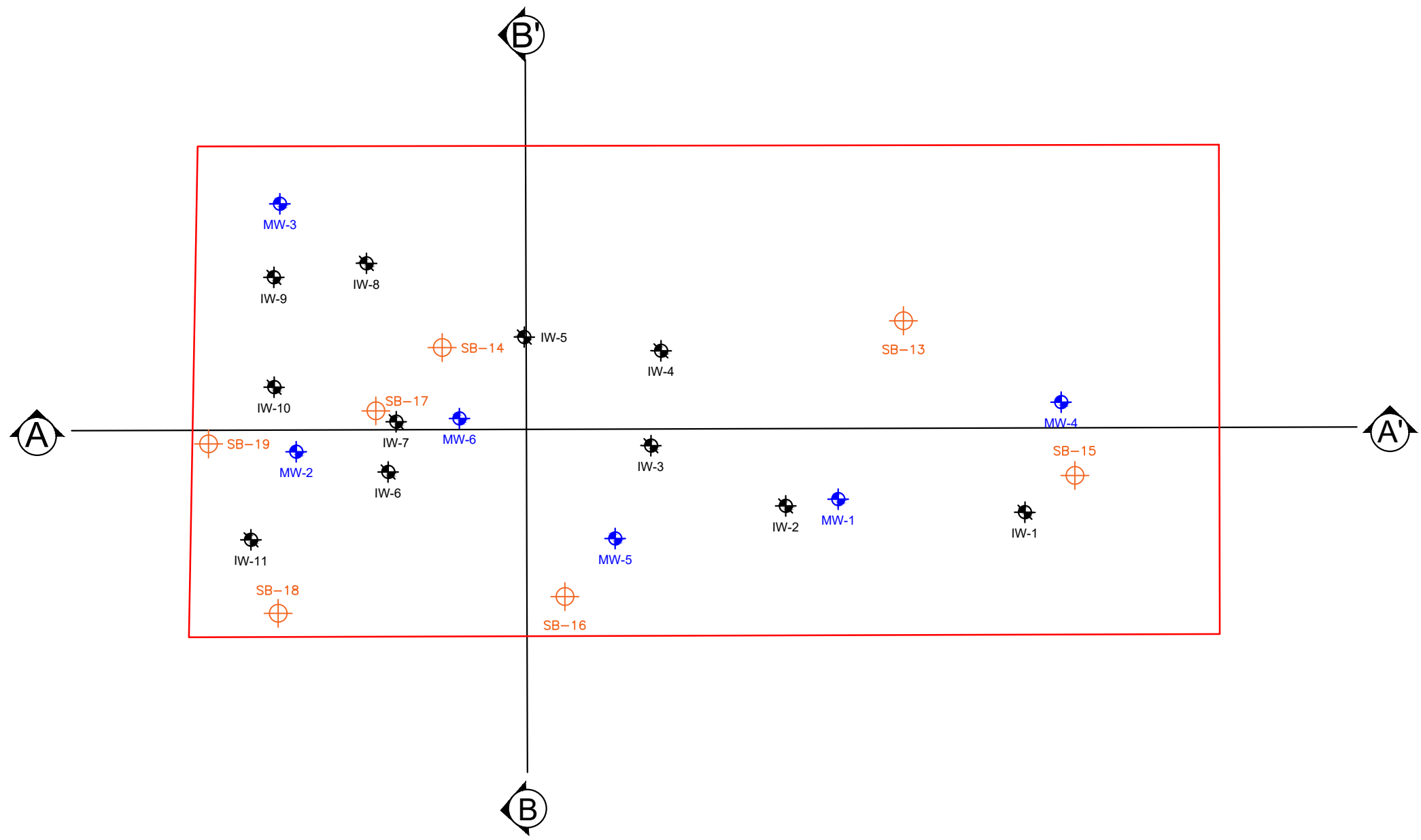


**GENERAL NOTES**

1. BASE MAP DEVELOPED FROM DRAWING TITLED "SAMPLE LOCATION MAP", PREPARED BY AEI CONSULTANTS, ORIGINAL SCALE 1"=16', DATED APRIL 13, 2020.
2. SEE FIGURES 5B AND 5C FOR SUBSURFACE PROFILES.
3. VERTICAL DATUM REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

**LEGEND**

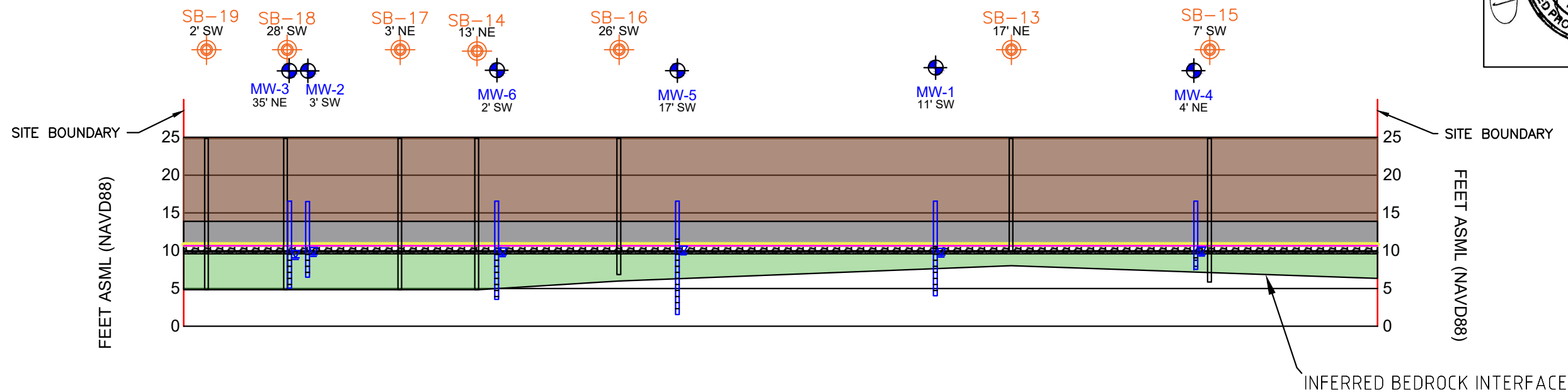
- APPROXIMATE SITE BOUNDARY
- ⊕ APPROXIMATE RI SOIL BORING LOCATION (FEB 2020)  
SB-13
- ⊕ APPROXIMATE RI MONITORING WELL LOCATION (FEB 2020)  
MW-1
- ⊕ APPROXIMATE INJECTION WELL LOCATION  
IW-1



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<b>APPENDIX Q</b>		PREPARED FOR: M4778 BROADWAY, LLC	
PROJ MGR: ZL	REVIEWED BY: ZL	CHECKED BY: VW	<b>FIGURE</b> <span style="font-size: 2em; font-weight: bold;">5A</span> SHEET NO.
DESIGNED BY: SG	DRAWN BY: SG	SCALE: 1"=20'	
DATE: MAY 2025	PROJECT NO. 41.0163310.10	REVISION NO.	

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 GZA-J:\Active 163300 to 163399\163310.10 - M44778 Broadway Remedial Closure Consulting\Drawings\GZA CAD\41.0163310.10 SMP.dwg [F12B] March 24, 2025 - 12:25pm Sella.Gupta

P.E. STAMP



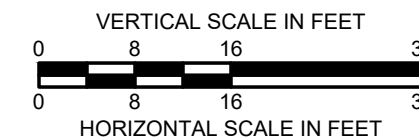
SUBSURFACE PROFILE A-A'

**GENERAL NOTES**

- SEE FIGURE 12A FOR BORING/WELL LOCATIONS.
- VERTICAL DATUM REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
- ASML - ABOVE MEAN SEA LEVEL.
- THE STRATIFICATION LINES BETWEEN BORINGS ARE INTERPOLATED BETWEEN WIDELY SPACED EXPLORATION LOCATIONS AND THUS REPRESENT THE APPROXIMATE BOUNDARIES BETWEEN SOIL TYPES. ACTUAL TRANSITIONS MAY VARY FROM THOSE SHOWN.
- REFER TO THE BORING LOGS FOR ADDITIONAL INFORMATION.
- GROUND SURFACE ELEVATIONS ARE BASED ON SURVEY CONDUCTED BY AREK SURVEYING PC ON APRIL 28, 2023. THE PROJECT DATUM IS ESTABLISHED AT 24.85' NAVD88.
- INFERRED BEDROCK INTERFACE IS BASED ON REFUSAL ENCOUNTERED IN SOIL BORINGS. BEDROCK WAS NOT LOGGED DURING SOIL BORING.**

**LEGEND**

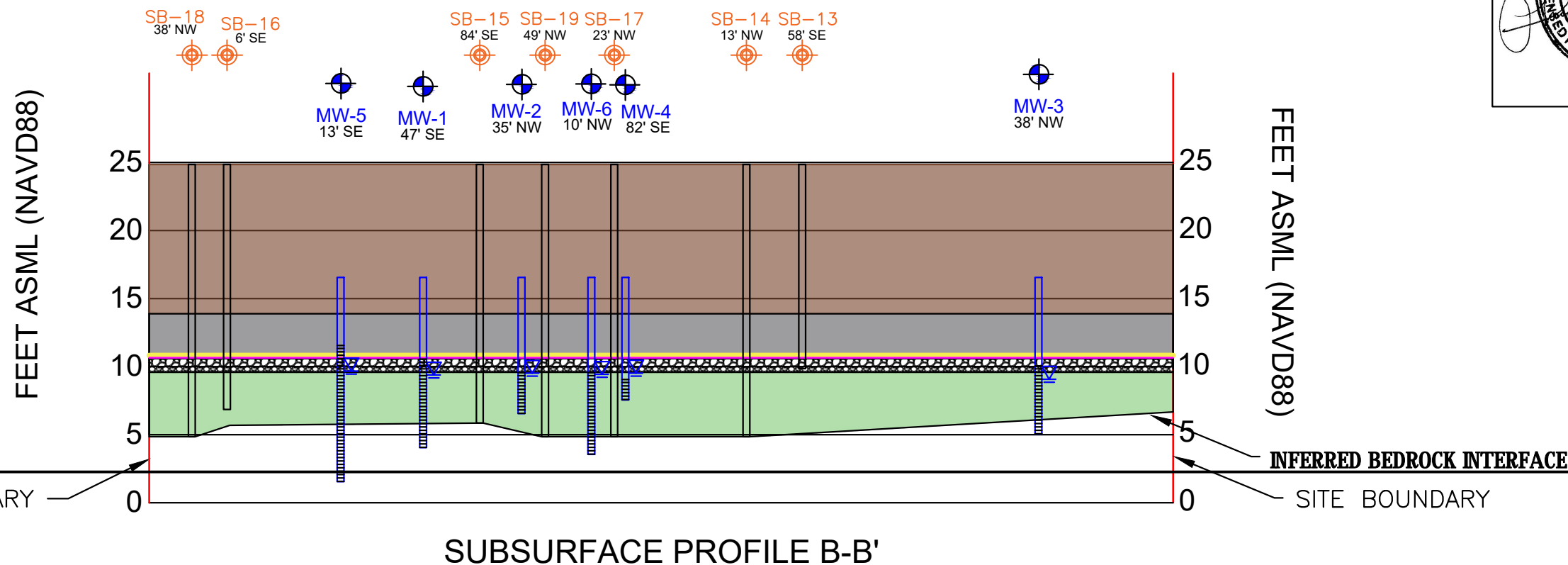
- SB-19 2' SW — INDICATES SOIL BOREHOLE DESIGNATION
- INDICATES DISTANCE AND OFFSET DIRECTION FROM PROFILE LINE
- MW-1 47' SE — INDICATES MONITORING WELL DESIGNATION
- INDICATES DISTANCE AND OFFSET DIRECTION FROM PROFILE LINE
- OBSERVED WATER TABLE BASED ON GROUNDWATER GAUGING PERFORMED IN JANUARY, 2025.
- 0.020" SLOTTED PVC SCREEN
- BUILDING FOOTPRINT
- CONCRETE SLAB
- MOISTURE BARRIER
- VAPOR BARRIER AND GEOTEXTILE
- STONE AND GEOTEXTILE
- BROWN FINE SAND, TRACE SILT



NO.	ISSUE/DESCRIPTION	BY	DATE
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4778 BROADWAY NEW YORK, NY 10034			
<b>Appendix Q</b>		PREPARED FOR: M4778 BROADWAY, LLC	
PROJ MGR: ZL	DESIGNED BY: SG	REVIEWED BY: ZL	CHECKED BY: VW
DATE: JUNE 2025	PROJECT NO: 41.0163310.10	DRAWN BY: SG	SCALE: 1"=20'
			FIGURE <b>5B</b> SHEET NO.

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 GZA-J:\Active 163300 to 163399\163310.10 - M44778 Broadway Remedial Closure Consulting\Drawings\GZA CAD\41.0163310.10 SMP.dwg [F12C] March 24, 2025 - 12:30pm Sella.Gupta

P.E. STAMP



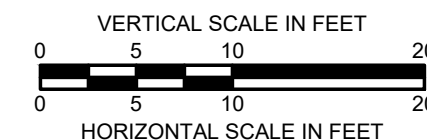
SUBSURFACE PROFILE B-B'

GENERAL NOTES

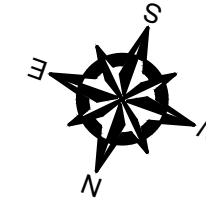
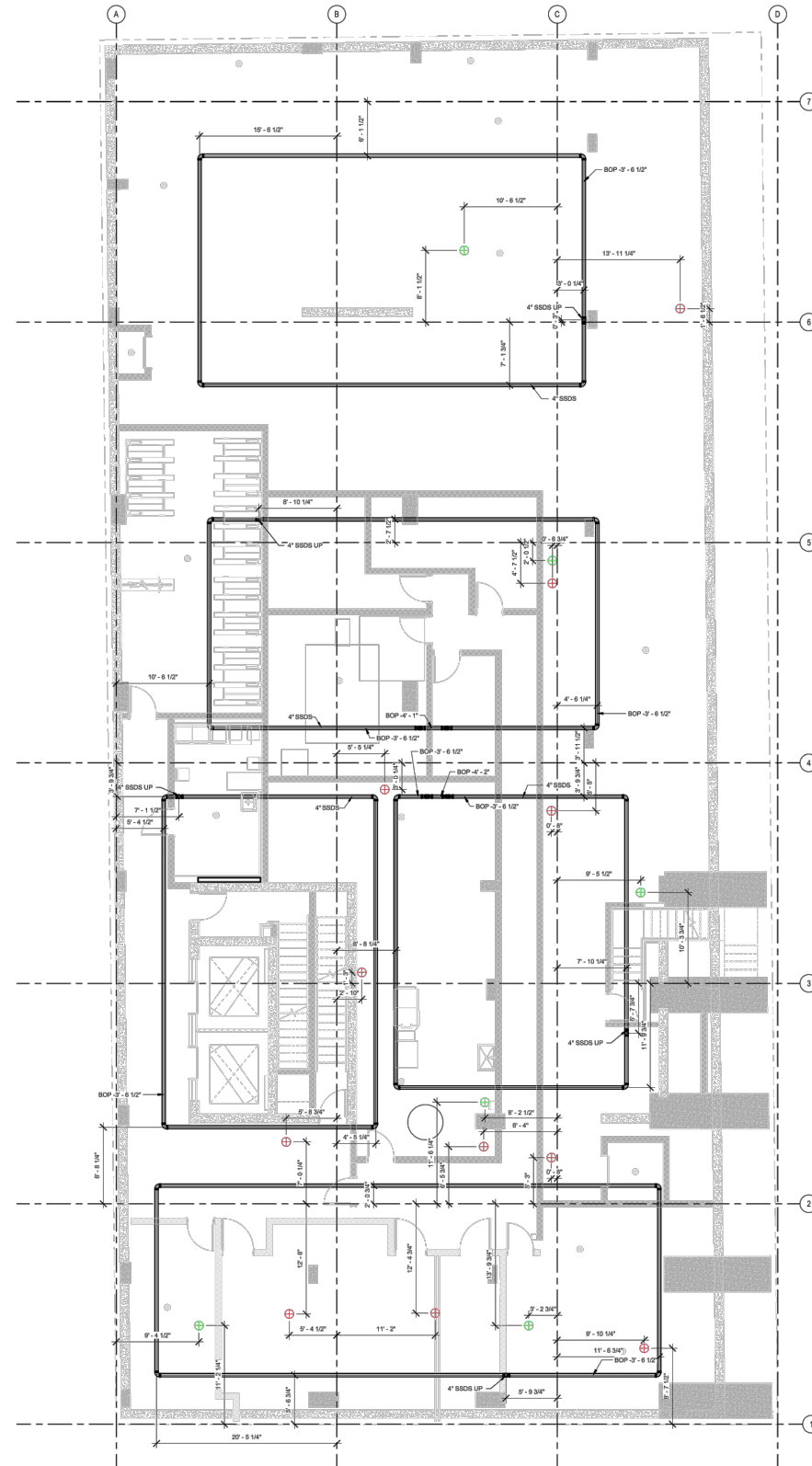
- SEE FIGURE 12A FOR BORING/WELL LOCATIONS.
- VERTICAL DATUM REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
- ASML - ABOVE MEAN SEA LEVEL.
- THE STRATIFICATION LINES BETWEEN BORINGS ARE INTERPOLATED BETWEEN WIDELY SPACED EXPLORATION LOCATIONS AND THUS REPRESENT THE APPROXIMATE BOUNDARIES BETWEEN SOIL TYPES. ACTUAL TRANSITIONS MAY VARY FROM THOSE SHOWN.
- REFER TO THE BORING LOGS FOR ADDITIONAL INFORMATION.
- GROUND SURFACE ELEVATIONS ARE BASED ON SURVEY CONDUCTED BY AREK SURVEYING PC ON APRIL 28, 2023. THE PROJECT DATUM IS ESTABLISHED AT 24.85' NAVD88.
- INFERRED BEDROCK INTERFACE IS BASED ON REFUSAL ENCOUNTERED IN SOIL BORINGS. BEDROCK WAS NOT LOGGED DURING SOIL BORING.**

LEGEND

- SB-19 2' SW — INDICATES SOIL BOREHOLE DESIGNATION
- MW-1 47' SE — INDICATES MONITORING WELL DESIGNATION
- OBSERVED WATER TABLE BASED ON GROUNDWATER GAUGING PERFORMED IN JANUARY, 2025.
- 0.020" SLOTTED PVC SCREEN
- BUILDING FOOTPRINT
- CONCRETE SLAB
- MOISTURE BARRIER
- VAPOR BARRIER AND GEOTEXTILE
- STONE AND GEOTEXTILE
- BROWN FINE SAND, TRACE SILT



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4778 BROADWAY NEW YORK, NY 10034			
<b>Appendix Q</b>		PREPARED FOR: M4778 BROADWAY, LLC	
PROJ MGR: ZL	REVIEWED BY: ZL	CHECKED BY: VW	FIGURE
DESIGNED BY: SG	DRAWN BY: SG	SCALE: SEE SCALE	<b>5C</b>
DATE: JUNE 2025	PROJECT NO. 41.0163310.10	REVISION NO.	

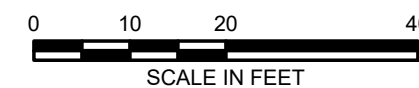
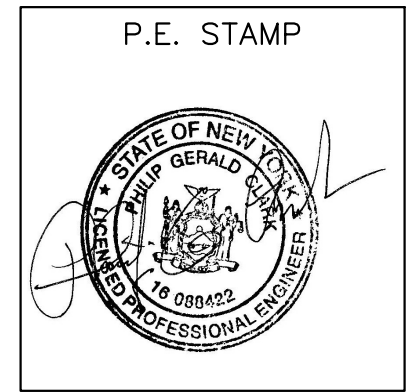


**GENERAL NOTES**

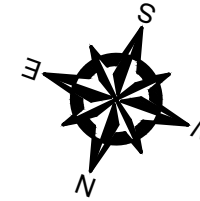
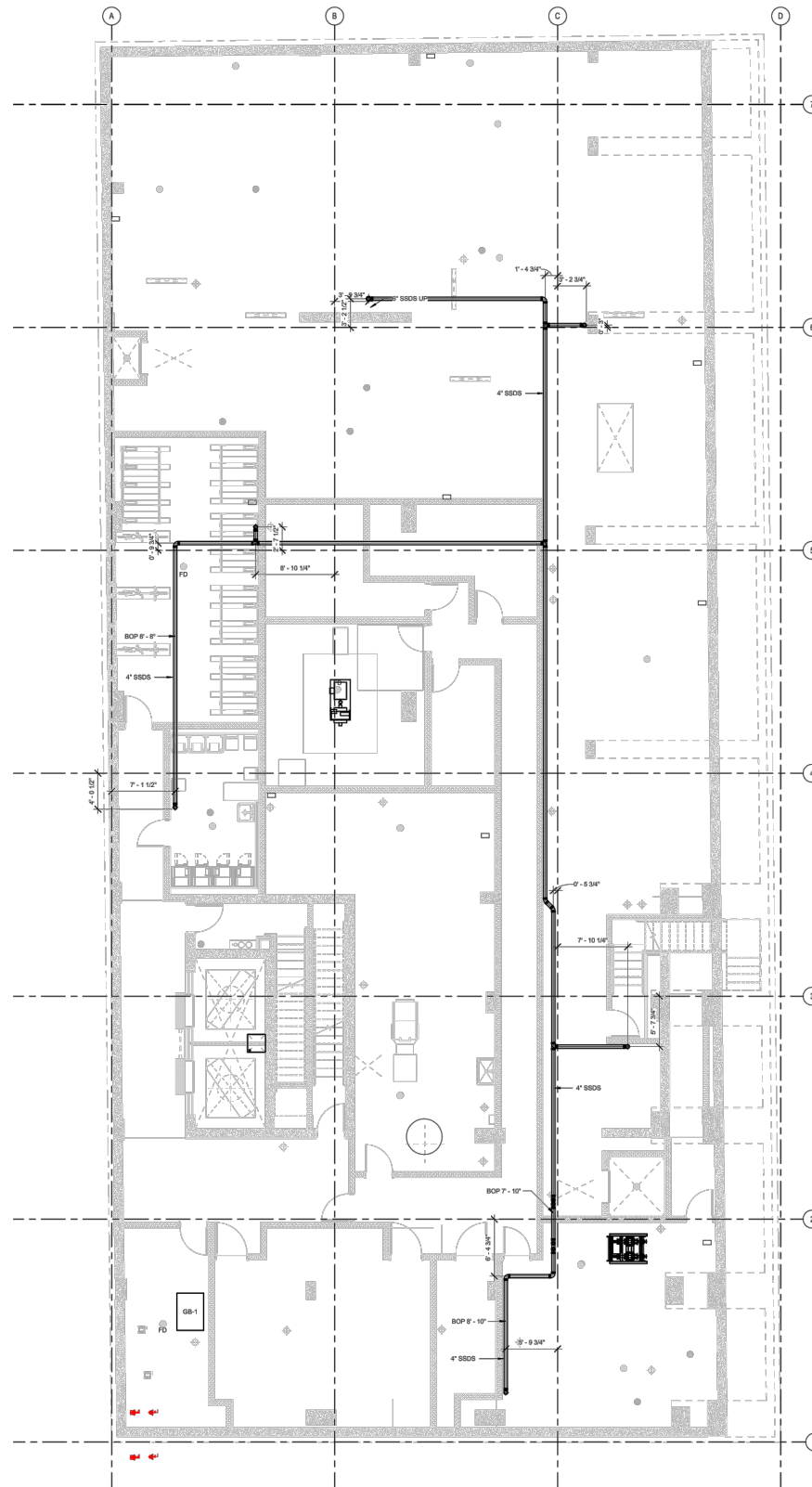
1. BASE MAP DEVELOPED FROM DRAWING TITLED "PLUMBING UNDERGROUND", PREPARED BY REXIS TECHNOLOGY SERVICES, LLC, ORIGINAL SCALE 3/16"=1'-0", DATED JUNE 12, 2023.
2. SSDS - SUB-SLAB DEPRESSURIZATION SYSTEM
3. BOP - BOTTOM OF PIPE

**LEGEND**

- PERMANENT MONITORING WELL
- PROPOSED INJECTION WELL

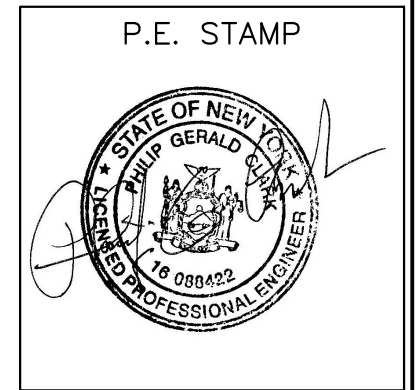


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<p>UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOENVIRONMENTAL, INC. (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.</p>			
<p>4778 BROADWAY                  NEW YORK, NY 10034</p>			
<p><b>UNDER SLAB SSDS AS-BUILT</b></p>			
<p><b>Appendix Q</b></p>		<p>PREPARED FOR:                  M4778 BROADWAY, LLC</p>	
PROJ MGR: ZL	DESIGNED BY: SG	REVIEWED BY: ZL	CHECKED BY: VW
DATE: March 2025	PROJECT NO. 41.0163310.10	DRAWN BY: SG	SCALE: 1"=20'
		REVISION NO.	
			<p><b>FIGURE 6A</b></p> <p>SHEET NO.</p>



**GENERAL NOTES**

1. BASE MAP DEVELOPED FROM DRAWING TITLED "PLUMBING CELLAR SSDS", PREPARED BY REXIS TECHNOLOGY SERVICES, LLC, ORIGINAL SCALE 3/16"=1'-0", DATED JUNE 12, 2023.
2. SSDS - SUB-SLAB DEPRESSURIZATION SYSTEM
3. BOP - BOTTOM OF PIPE

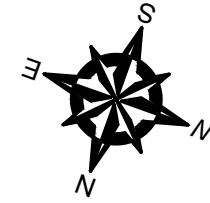
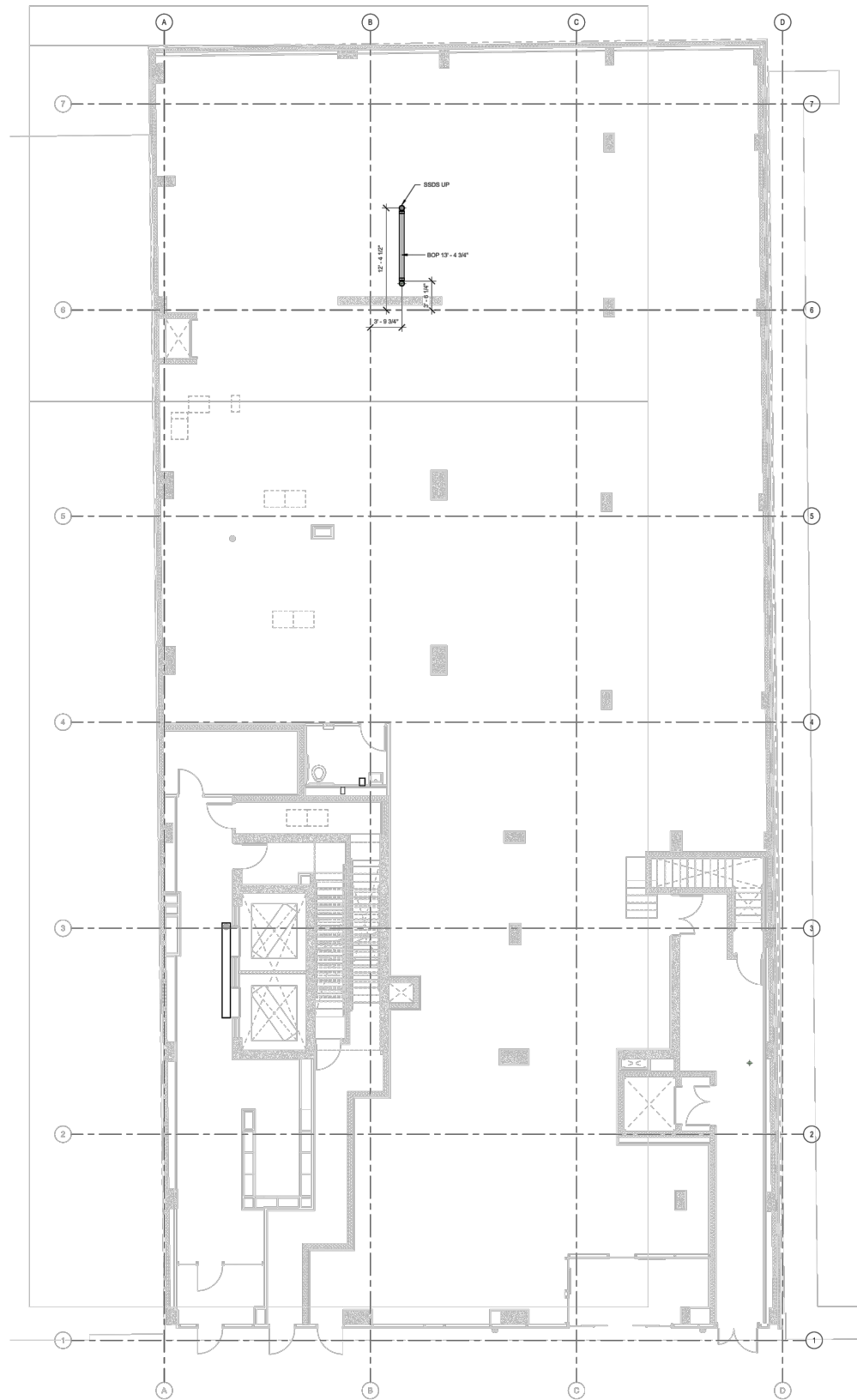


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<p>UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOREMEDIATION, INC. (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.</p>			
<p>4778 BROADWAY                      NEW YORK, NY 10034</p>			
<p><b>CELLAR SSDS AS-BUILT</b></p>			
<p><b>Appendix Q</b></p>		<p>PREPARED FOR:                      M4778 BROADWAY, LLC</p>	
PROJ MGR: ZL	REVIEWED BY: ZL	CHECKED BY: VW	FIGURE
DESIGNED BY: SG	DRAWN BY: SG	SCALE: 1"=20'	<p><b>6B</b></p>
DATE: March 2025	PROJECT NO. 41.0163310.10	REVISION NO.	



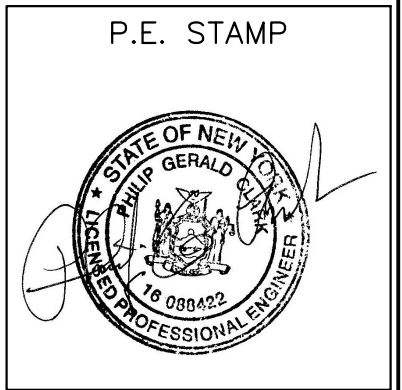


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 GZA-J:\Active 163300 to 163399\163310.10 - M44778 Broadway Remedial Closure Consulting\Drawings\GZA CAD\41.0163310.10 SMP.dwg [F10C] March 24, 2025 - 2:00pm Seifa.Gupta



**GENERAL NOTES**

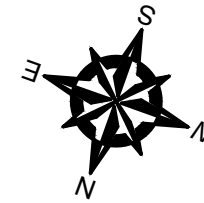
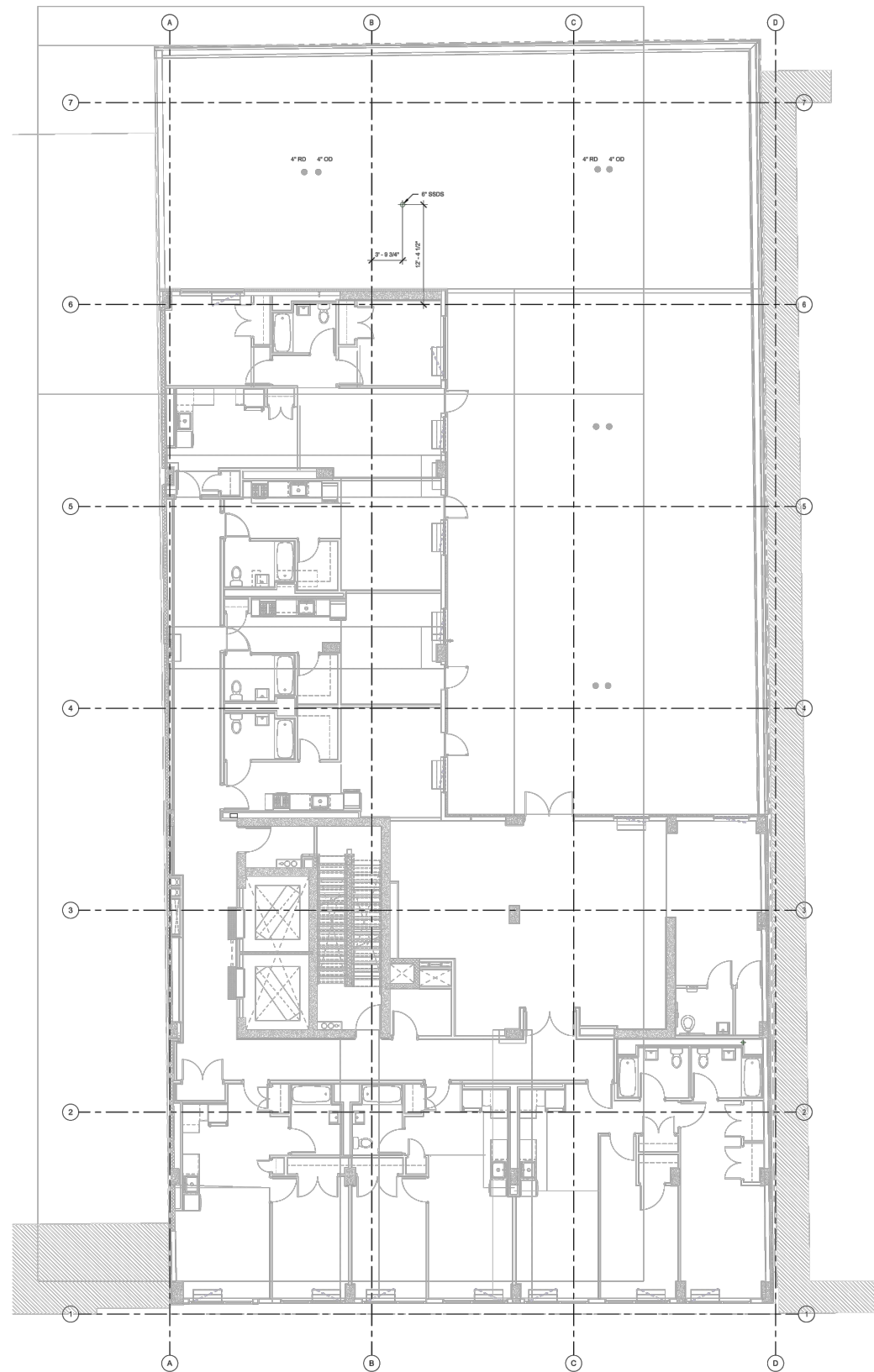
1. BASE MAP DEVELOPED FROM DRAWING TITLED "PLUMBING FIRST FLOOR SSDS", PREPARED BY REXIS TECHNOLOGY SERVICES, LLC, ORIGINAL SCALE 3/16"=1'-0", DATED JUNE 12, 2023.
2. SSDS - SUB-SLAB DEPRESSURIZATION SYSTEM
3. BOP - BOTTOM OF PIPE



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<p>UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOENVIRONMENTAL, INC. (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.</p>			
<p>4778 BROADWAY            NEW YORK, NY 10034</p>			
<p><b>FIRST FLOOR SSDS AS-BUILT</b></p>			
<p><b>Appendix Q</b></p>			<p>PREPARED FOR:            M4778 BROADWAY, LLC</p>
PROJ MGR: ZL	REVIEWED BY: ZL	CHECKED BY: VW	FIGURE
DESIGNED BY: SG	DRAWN BY: SG	SCALE: 1"=20'	<p><b>6C</b></p>
DATE: March 2025	PROJECT NO. 41.0163310.10	REVISION NO.	

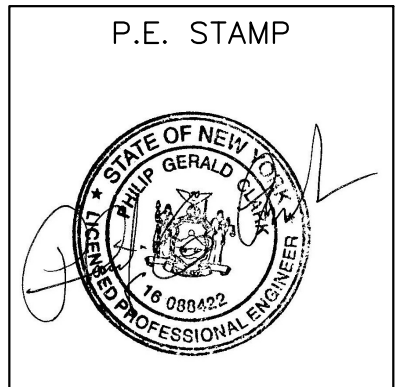


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 GZA-J:\Active 163300 to 163399\163310.10 - M44778 Broadway Remedial Closure Consulting\Drawings\GZA CAD\41.0163310.10 SMP.dwg [F10D] March 24, 2025 - 2:01pm Seifa.Gupta

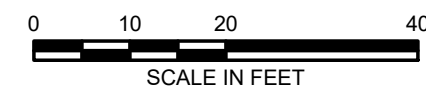


**GENERAL NOTES**

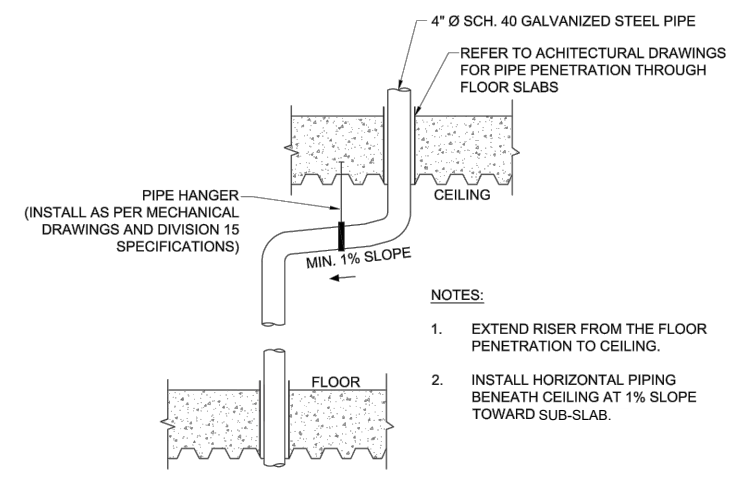
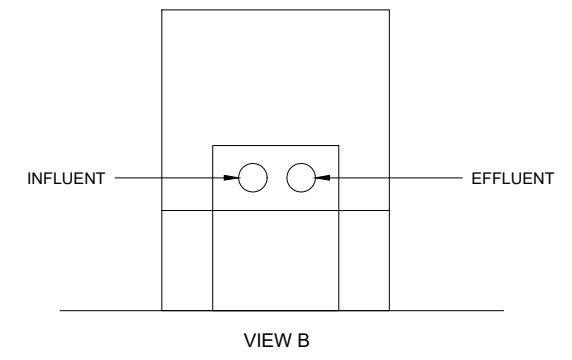
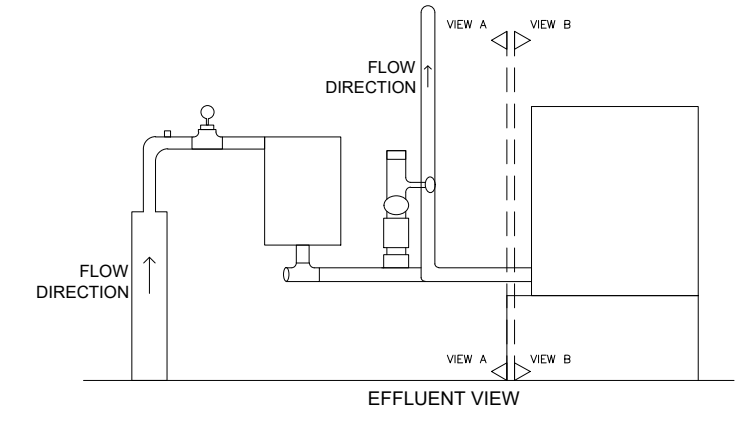
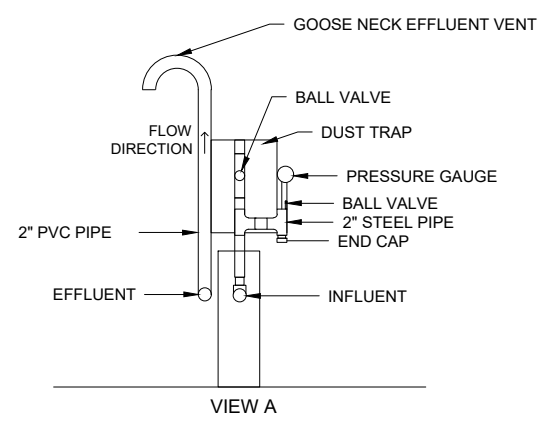
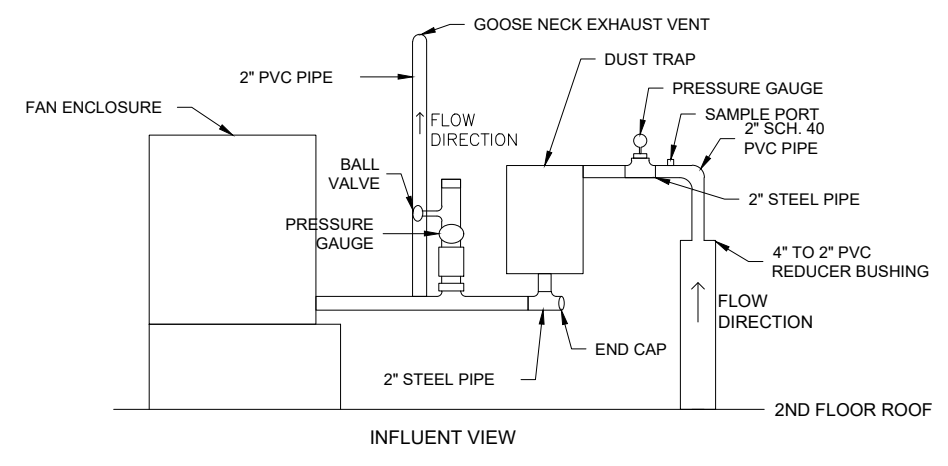
1. BASE MAP DEVELOPED FROM DRAWING TITLED "PLUMBING SECOND FLOOR SSDS", PREPARED BY REXIS TECHNOLOGY SERVICES, LLC, ORIGINAL SCALE 3/16"=1'-0", DATED JUNE 12, 2023.
2. SSDS - SUB-SLAB DEPRESSURIZATION SYSTEM
3. BOP - BOTTOM OF PIPE



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<p>4778 BROADWAY NEW YORK, NY 10034</p>			
<p><b>SECOND FLOOR SSDS AS-BUILT</b></p>			
<p>PREPARED BY: <b>Appendix Q</b></p>		<p>PREPARED FOR: M4778 BROADWAY, LLC</p>	
<p>PROJ MGR: ZL</p>	<p>REVIEWED BY: ZL</p>	<p>CHECKED BY: VW</p>	<p>FIGURE</p>
<p>DESIGNED BY: SG</p>	<p>DRAWN BY: SG</p>	<p>SCALE: 1"=20'</p>	<p><b>6D</b></p>
<p>DATE: March 2025</p>	<p>PROJECT NO. 41.0163310.10</p>	<p>REVISION NO.</p>	<p>SHEET NO.</p>

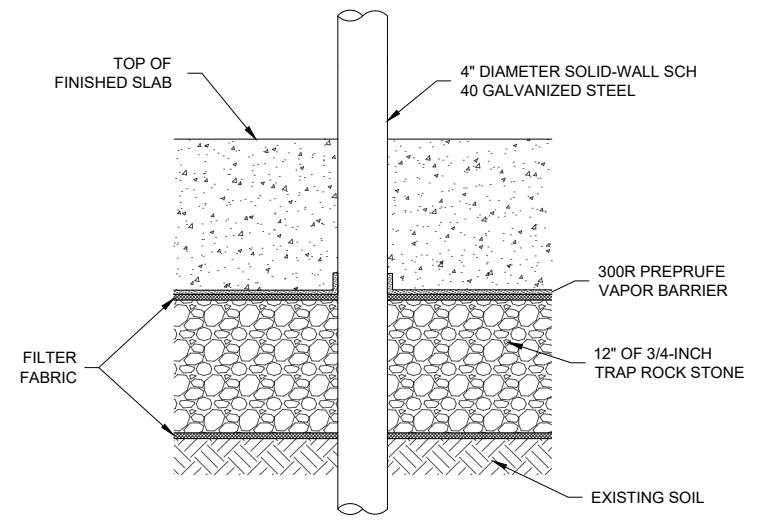


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 GZA - \\GZANYMan1\Jobs\Active\1633300 to 163399\1633310.10 - M44778 Broadway Remedial Closure Consulting\Drawings\GZA\CAD\41.0163310.10 FER.dwg [Q FIG 6E] June 02, 2025 - 3:22pm Selia.Gupta



- NOTES:**
1. EXTEND RISER FROM THE FLOOR PENETRATION TO CEILING.
  2. INSTALL HORIZONTAL PIPING BENEATH CEILING AT 1% SLOPE TOWARD SUB-SLAB.

**TYPICAL PIPING OFFSET**

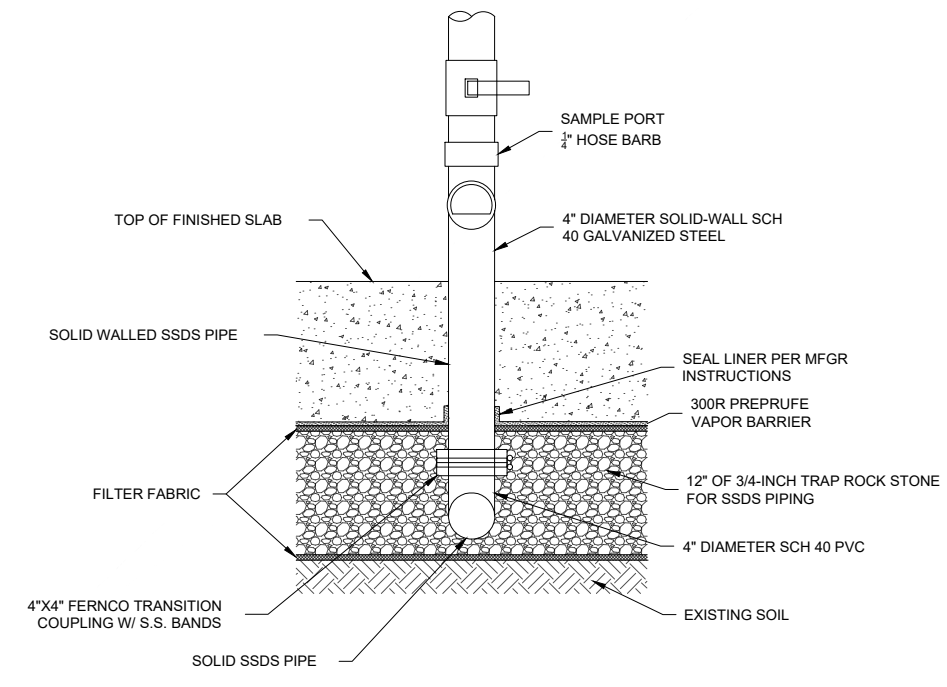


**VAPOR BARRIER PENETRATION DETAIL**

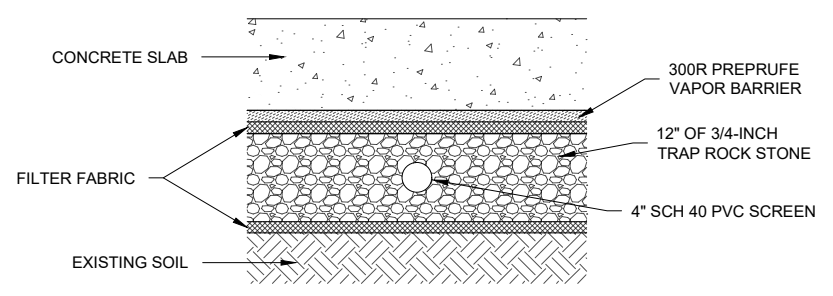
**FAN DETAIL (TYP.)**

**FAN NOTES:**

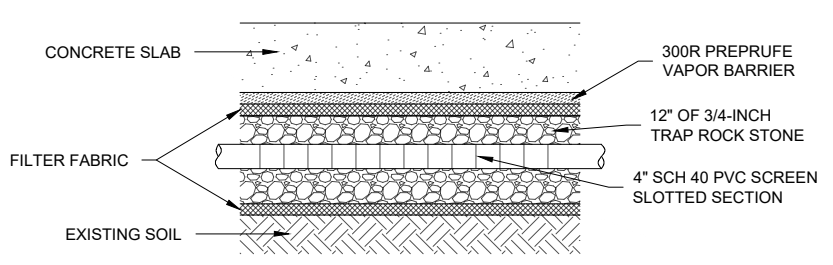
1. TOP OF STACK TO BE AT LEAST 10' FROM ANY WINDOWS, DOORS, OR OTHER BUILDING OPENINGS, OR FROM ANY WINDOWS OR OTHER OPENINGS IN ADJACENT BUILDINGS, INCLUDING AIR INTAKES, LOUVERS, VENTS, ETC.
2. FAN TO BE FANTECH RN4 OR ENGINEER APPROVAL EQUAL.
3. FAN AND ON/OFF SWITCH TO BE HARD-WIRED TOGETHER TO 115 VOLT CIRCUIT. ON/OFF SWITCH TO BE MOUNTED ON WALL NEXT TO FAN ON ROOF, COORDINATE WITH ELECTRICAL CONTRACTOR.
4. FAN CONTROLS TO INCLUDE AUDIBLE ALARM, START/STOP, EMERGENCY STOP, AND WATER COLUMN PRESSURE GAUGE.



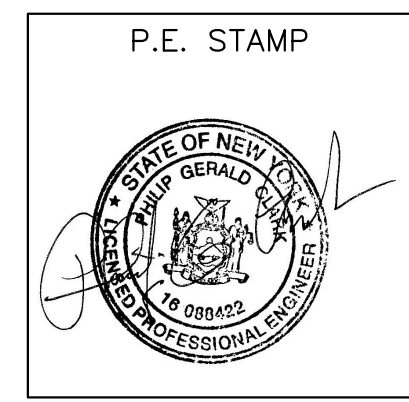
**SUB-SLAB DEPRESSURIZATION RISE PIPE PENETRATION CROSS SECTION DETAIL**



**CONSTRUCTION AND INSTALLATION OF SSDS PIPING**

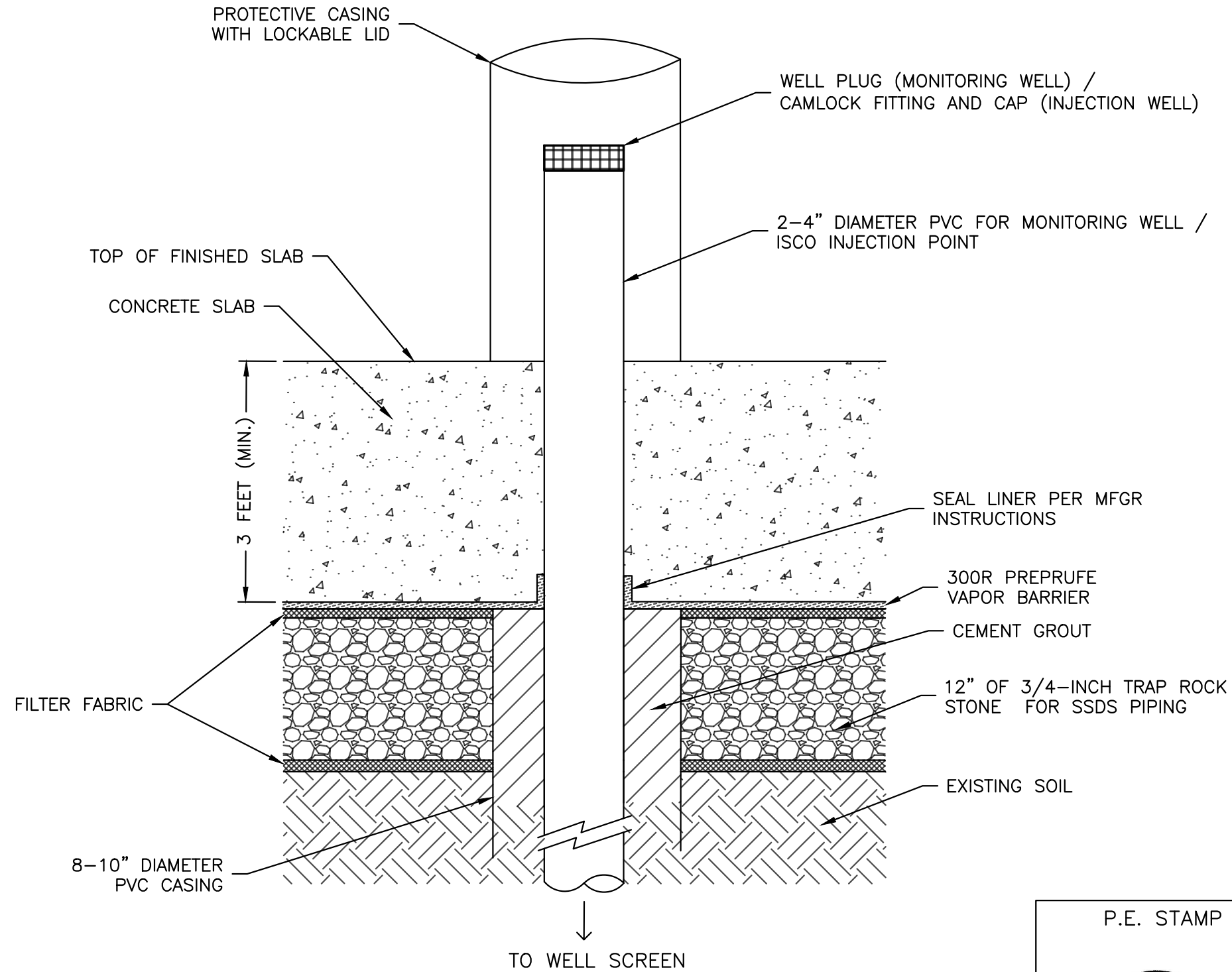


**TYP. SSDS INSTALLATION**



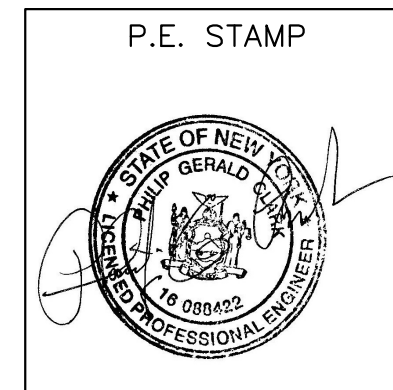
NO.	ISSUE/DESCRIPTION	BY	DATE
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<b>4778 BROADWAY NEW YORK, NY 10034</b>			
<b>AS-BUILT DETAILS FOR SUB-SLAB DEPRESSURIZATION SYSTEM</b>			
<b>APPENDIX Q</b>		PREPARED FOR: M4778 BROADWAY, LLC	
PROJ MGR: ZL DESIGNED BY: SG DATE: MAY 2025	REVIEWED BY: ZL DRAWN BY: SG PROJECT NO. 41.0163310.10	CHECKED BY: VW SCALE: N.T.S. REVISION NO.	<b>FIGURE 6E</b> SHEET NO.

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 GZA-\\GZANYM01\Jobs\Active 163310.10 to 163399\163310.10 - M44778 Broadway Remedial Closure Consulting\Drawings\GZA CAD\41.0163310.10 FER.dwg [Q FIG 7] May 21, 2025 - 10:57am Sella.Gupta



**GENERAL NOTES**

1. DRAWING DEVELOPED FROM DRAWING TITLED "STANDARD DETAIL FOR MONITORING WELL/ISCO INJECTION WELL SLAB PENETRATION", BY HCS CIVIL & ENVIRONMENTAL ENGINEERING, LLC, DATED AUGUST 16, 2022, SCALE N.T.S..



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4778 BROADWAY NEW YORK, NY 10034			
<b>STANDARD AS-BUILT FOR MONITORING WELL / ISCO INJECTION WELL SLAB PENETRATION</b>		PREPARED FOR: M4778 BROADWAY, LLC	
<b>APPENDIX Q</b>			
PROJ MGR: ZL	DESIGNED BY: SG	REVIEWED BY: ZL	CHECKED BY: VW
DATE: MAY 2025	PROJECT NO. 41.0163310.10	SCALE: N.T.S.	FIGURE 7
			REVISION NO.
			SHEET NO.

## **Appendix R**

### **Photographic Log**






# Photographic Log

<b>Client Name:</b> M4778 Broadway, LLC		<b>Site Location:</b> 4778 Broadway New York, NY 10034	<b>Project No.</b> 41.0163310.10
<b>Photo No.</b> 1	<b>Date:</b> 11/2/2022		
<b>Direction Photo Taken:</b> SE			
<b>Description:</b> SE-1 Air Monitoring Station			

<b>Photo No.</b> 2	<b>Date:</b> 11/4/2022		
<b>Direction Photo Taken:</b> E			
<b>Description:</b> GDI Construction removing USTs from ground in prep for cutting/emptying			



# Photographic Log


<b>Client Name:</b> M4778 Broadway, LLC		<b>Site Location:</b> 4778 Broadway New York, NY 10034	<b>Project No.</b> 41.0163310.10
<b>Photo No.</b> 3	<b>Date:</b> 12/12/2022		
<b>Direction Photo Taken:</b> NE			
<b>Description:</b> GDI Construction mounding excavated soil within face of excavation			

<b>Photo No.</b> 4	<b>Date:</b> 2/6/2023		
<b>Direction Photo Taken:</b> W			
<b>Description:</b> GDI Construction loading truck to capital for disposal			



# Photographic Log


<b>Client Name:</b> M4778 Broadway, LLC		<b>Site Location:</b> 4778 Broadway New York, NY 10034	<b>Project No.</b> 41.0163310.10
<b>Photo No.</b> 5	<b>Date:</b> 2/8/2023		
<b>Direction Photo Taken:</b> NE			
<b>Description:</b> GDI Construction continuing SSDS/stone/geotextile fabric installation			

<b>Photo No.</b> 6	<b>Date:</b> 2/20/2023		
<b>Direction Photo Taken:</b> E			
<b>Description:</b> GDI Construction performing mat slab pour #1 prep and rebar installation			






# Photographic Log

<b>Client Name:</b> M4778 Broadway, LLC		<b>Site Location:</b> 4778 Broadway New York, NY 10034		<b>Project No.</b> 41.0163310.10	
<b>Photo No.</b> 7	<b>Date:</b> 3/1/2023				
<b>Direction Photo Taken:</b> E					
<b>Description:</b> GDI Construction performing vapor barrier/waterproofing installation and SSDS installation					

<b>Photo No.</b> 8	<b>Date:</b> 3/15/2023				
<b>Direction Photo Taken:</b> SW					
<b>Description:</b> GDI Construction continuing monitoring/injection well installation					



# Photographic Log

<b>Client Name:</b> M4778 Broadway, LLC		<b>Site Location:</b> 4778 Broadway New York, NY 10034		<b>Project No.</b> 41.0163310.10	
<b>Photo No.</b> 9	<b>Date:</b> 3/31/2023				
<b>Direction Photo Taken:</b> SE					
<b>Description:</b> GDI Construction installing forms for column wall pour					

<b>Photo No.</b> 10	<b>Date:</b> 10/9/2023				
<b>Direction Photo Taken:</b> W					
<b>Description:</b> Chemical oxidant storage tank for first round of in-situ chemical oxidation (ISCO) injection					




# Photographic Log

<b>Client Name:</b> M4778 Broadway, LLC		<b>Site Location:</b> 4778 Broadway New York, NY 10034	<b>Project No.</b> 41.0163310.10
<b>Photo No.</b> 11	<b>Date:</b> 10/18/2023		
<b>Direction Photo Taken:</b> W			
<b>Description:</b> First round of ISCO injections by AEI on IW-2			

<b>Photo No.</b> 12	<b>Date:</b> 3/22/2024		
<b>Direction Photo Taken:</b> SW			
<b>Description:</b> GDI Construction working on the water meter room			




# Photographic Log


<b>Client Name:</b> M4778 Broadway, LLC		<b>Site Location:</b> 4778 Broadway New York, NY 10034	<b>Project No.</b> 41.0163310.10
<b>Photo No.</b> 13	<b>Date:</b> 5/2/2024		
<b>Direction Photo Taken:</b> N			
<b>Description:</b> Summa canister setup in the gas meter room during first round of confirmatory indoor air sampling.			

<b>Photo No.</b> 14	<b>Date:</b> 6/6/2024	
<b>Direction Photo Taken:</b> SW		
<b>Description:</b> SSDS blower and gauge on 13 <sup>th</sup> -floor roof		



# Photographic Log

<b>Client Name:</b> M4778 Broadway, LLC		<b>Site Location:</b> 4778 Broadway New York, NY 10034	<b>Project No.</b> 41.0163310.10
<b>Photo No.</b> 15	<b>Date:</b> 6/6/2024		
<b>Direction Photo Taken:</b> W			
<b>Description:</b> SSDS system on the roof			

<b>Photo No.</b> 16	<b>Date:</b> 6/6/2024	
<b>Direction Photo Taken:</b> S		
<b>Description:</b> SSDS riser in the basement		



# Photographic Log

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<b>Photo No.</b> 18	<b>Date:</b> 6/7/2024
<b>Direction Photo Taken:</b> NW	

**Description:**  
AEI performing groundwater sampling on MW-2 in the water meter room





<b>Photo No.</b> 19	<b>Date:</b> 7/3/2024
<b>Direction Photo Taken:</b> NW	

**Description:**  
Indoor air sampling setup by AEI outside the ATS and electric meter rooms







# Photographic Log

<b>Client Name:</b> M4778 Broadway, LLC		<b>Site Location:</b> 4778 Broadway New York, NY 10034		<b>Project No.</b> 41.0163310.10	
<b>Photo No.</b> 20	<b>Date:</b> 10/7/2024				
<b>Direction Photo Taken:</b> N					
<b>Description:</b> Indoor air sampling setup by AEI in the basement					
<b>Photo No.</b> 21	<b>Date:</b> 10/22/2024				
<b>Direction Photo Taken:</b> E					
<b>Description:</b> Indoor air sampling setup by AEI in a unit on the second floor					



# Photographic Log

<b>Client Name:</b> M4778 Broadway, LLC		<b>Site Location:</b> 4778 Broadway New York, NY 10034	<b>Project No.</b> 41.0163310.10
<b>Photo No.</b> 22	<b>Date:</b> 10/29/2024		
<b>Direction Photo Taken:</b> W			
<b>Description:</b> ISCO injection by Regensis on IW-11 in the water meter room.			

<b>Client Name:</b> M4778 Broadway, LLC		<b>Site Location:</b> 4778 Broadway New York, NY 10034	<b>Project No.</b> 41.0163310.10
<b>Photo No.</b> 23	<b>Date:</b> 11/1/2024		
<b>Direction Photo Taken:</b> SW			
<b>Description:</b> ISCO injection by Regensis on IW-2			





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<b>Photo No.</b> 24	<b>Date:</b> 11/18/2024
<b>Direction Photo Taken:</b> SW	
<b>Description:</b> Ambient air sampling setup on the second-floor patio	



<b>Photo No.</b> 25	<b>Date:</b> 1/2/2025
<b>Direction Photo Taken:</b> SE	
<b>Description:</b> PID reading by GZA on MW-4	





# Photographic Log

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<b>Photo No.</b> 26	<b>Date:</b> 1/28/2025
<b>Direction Photo Taken:</b> NE	

**Description:**  
Groundwater sampling setup by GZA on MW-2 in the water meter room



<b>Photo No.</b> 27	<b>Date:</b> 3/14/2025
<b>Direction Photo Taken:</b> NE	

**Description:**  
AARCO transporting the purge water drum from groundwater sampling offsite

