

Construction Completion Report Operable Unit 5 (OU-5)

Sunnyside Yard Queens, New York (241006)

May 20, 2022

Prepared for:

National Railroad Passenger Corporation Washington, D.C. 20002

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List of Acronyms

| Acronym | Definition |
|----------------|--|
| AARCO | AARCO Environmental Services Corp. |
| AMTRAK | National Railroad Passenger Corporation |
| bls | Below land surface |
| CAMP | Community Air Monitoring Plan |
| CCR | Construction Completion Report |
| CHES | Clean Harbors Environmental Services |
| DPVE | Dual phase vacuum extraction |
| EC | Engineering controls |
| FS | Feasibility Study |
| FT | Feet |
| HASP | Health and Safety Plan |
| HSTF | High Speed Trainset Facility |
| IC | Institutional Controls |
| IRM | Interim remedial measures |
| LIRR | Long Island Rail Road |
| µg/l | Microgram per liter |
| mg/kg | Milligrams per kilogram, equal to 1,000 µg/kg |
| MTA | Metropolitan Transit Authority |
| NJTC | New Jersey Transit Corporation |
| NYCRR | New York Code of Rules and Regulations |
| NYCDEP | New York City Department of Environmental Protection |
| NYCDOT | New York City Department of Transportation |
| NYSDEC | New York State Department of Environmental Conservation |
| NYSDOH | New York State Department of Health |
| OM&M | Operations, Maintenance, and Monitoring |
| 000 | Order on Consent |
| OSHA | Occupational Safety and Health Administration |
| OU | Operable Unit |
| OWS | Oil/water separator |
| PCBs | Polychlorinated biphenyls |
| PID | Photoionization detector |
| PM-10 | Particulate matter smaller than 10 microns |
| ppm | Parts per million, equivalent to mg/kg |
| PSC Industrial | Philip Services Corporation Industrial Outsourcing, Inc. |
| QAPP | Quality Assurance Project Plan |

| Acronym | Definition |
|---------|---|
| RAOs | Remedial Action Objectives |
| RAWP | Remedial Action Work Plan |
| RCRA | Resource Conservation and Recovery Act |
| RI | Remedial Investigation |
| ROD | Record of Decision |
| SCGs | Standards, Criteria and Guidance |
| SoMP | Soil/Material Management Plan |
| SMP | Site Management Plan |
| SPH | Separate-Phase Petroleum Hydrocarbon |
| SVOCs | Semivolatile Organic Compounds |
| TSCA | Toxic Substance Control Act |
| TSDF | Treatment, Storage, and Disposal Facilities |
| USDOT | United States Department of Transportation |
| USEPA | United States Environmental Protection Agency |
| USTs | Underground Storage Tanks |
| VOCs | Volatile Organic Compounds |
| Yard | Sunnyside Yard, Queens, New York |

Certification

I, <u>Charles J. McGuckin</u>, 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 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, <u>Charles J. McGuckin</u>, of 209 Shafter Street, Islandia, New York, am certifying as Owner's Designated Site Representative and I have been authorized and designated by all site owners to sign this certification for the site.



Charles J. McGuckin, P.E. NYS Professional Engineer #069509 <u>May 20, 2022</u> Date

Signature

1. Background and Site Description

National Railroad Passenger Corporation (Amtrak) and the New Jersey Transit Corporation (NJTC) entered into an Order on Consent (OOC) Index #W2-0081-87-06 with the New York State Department of Environmental Conservation (NYSDEC) in October 1989 for the Remedial Investigation (RI)/Feasibility Study (FS) portions of the remedial program at a 133-acre property located at Sunnyside Yard (Yard), 39-29 Honeywell Street in Queens, New York. Further, Amtrak and NJTC entered into the subsequent OOC Index #W2-0081-08-10 with NYSDEC in May 2010 for the implementation of NYSDEC-approved remedies at the Yard. Sunnyside Yard is listed as a Class II Site in the NYSDEC's Registry of Inactive Hazardous Waste Disposal Sites. A United States Geological Survey topographical quadrangle map (Figure 1) shows the Yard location.

The Yard is bounded by the Metropolitan Transportation Authority (MTA)/Long Island Rail Road (LIRR) property to the north, Skillman Avenue to the south, light industrial and commercial properties and 42nd Place to the east, and Thompson Avenue to the west (Figure 2). The Yard functions as a maintenance facility for electric locomotives and railroad cars for Amtrak and a train layover storage yard for NJTC.

Roux Environmental Engineering and Geology, D.P.C. (Roux) has prepared this revised Construction Completion Report (CCR) to summarize remediation activities performed between March 2013 and January 2014 in Operable Unit 5 (OU-5) of the Yard in accordance with the Record of Decision (ROD) for OU-5, issued by NYSDEC dated March 2012 (NYSDEC, 2012c), and the NYSDEC approved OU-5 Remedial Action Work Plan (RAWP), prepared by Remedial Engineering, P.C. (Remedial Engineering) dated September 26, 2012 (Remedial Engineering, 2012). OU-5 was remediated to industrial use standards, and the Yard will continue to be used for railroad purposes for the foreseeable future. Additionally, this CCR summarizes manhole MH-40 inspections completed by Roux in February 2019 and February 2021 and sediment cleanout and weir replacement activities performed by the MTA in November 2020. Of note, MH-40, which is referred to as MH-M by MTA, is *not* in Amtrak property, and is *not* controlled by Amtrak however, MH-40 is associated with OU-5 of the Yard as described below. In accordance with the NYSDEC-approved OU-5 RAWP, the weir located within MH-40 operates as a sediment trap at this location. MH-40, along with the northern section of the sewer line between MH-40 and the siphon located on Northern Boulevard was cleaned out by MTA due to excessive accumulations of sediment within this section of the sewer system.

OU-5 is defined as the sewer system (both water and sediment) beneath the Yard. A Site Plan presenting the sewer system layout is presented in Plate 1. The Yard-wide sewer system consists of two (2) separate subsystems: the primary combined sewer system in the main section of the Yard servicing among other facilities, the commissary area, engine house, and the body tracks, which ultimately discharges to the Bowery Bay Wastewater Treatment Plant. The secondary sewer system is significantly smaller than the primary system and is a storm sewer system that serves the western section of the Yard (this portion of the Yard does not contain industrial activities). The secondary storm sewer system, which discharges to a sewer beneath 28th Street, is combined with other storm water discharge (unrelated to Amtrak or Yard operations) and ultimately discharges into Dutch Kills.

An electronic copy of this CCR with all supporting documentation is included as Appendix A.

2. Summary of OU-5 Remedy

The remediation was performed in accordance with the OU-5 RAWP dated September 26, 2012 and approved by NYSDEC in a letter dated January 30, 2013. The following section provides a review of the Remedial Action Objectives (RAOs) established for the OU-5 remediation as well as a summary of the remedial action tasks performed. Additionally, MH-40 sediment removal activities were completed by MTA in November 2020.

2.1 Remedial Action Objectives

Based on the results of the OU-5 RI, prepared by Roux and dated August 30, 2011 (Roux, 2011), the following RAOs were identified for OU-5:

- Eliminate or reduce, to the extent practicable, direct contact to persons within the Site to impacted sewer sediment and water;
- Eliminate or reduce, to the extent practicable, polychlorinated biphenyls (PCBs) above 25 milligrams per kilogram (mg/kg) in sewer sediment through removal;
- Eliminate or reduce, to the extent practicable, PCBs above 1 microgram per liter (μg/L) in sewer water;
- Eliminate or reduce, to the extent practicable, off-Site migration of PCBs through the sewer system; and
- Restore sewer sediments to pre-release/background conditions, to the extent feasible.

2.2 Description of Selected Remedy

As presented above, OU-5 in the Yard was remediated in accordance with the remedy selected by the NYSDEC in the OU-5 ROD dated March 2012 (NYSDEC, 2012c), and the NYSDEC approved RAWP for OU-5 dated September 26, 2012 (Remedial Engineering, 2012), with minor modification, as described below in Section 4.7.

The factors considered during the selection of the remedy are those listed in 6 New York Code of Rules and Regulations (6NYCRR) 375-1.8. The following are the components of the selected remedy:

- 1. A remedial design program to provide the details necessary for the construction, operation, maintenance, and monitoring of the remedial program. Green remediation principles and techniques were implemented to the extent feasible in the design, implementation, and Yard management of the remedy as per DER-31.
- 2. Manhole MH-40 represents the collection point of the three (3) sewer legs comprising the primary sewer system containing the manholes of concern, and it is the furthest downstream manhole located in OU-5 (see Plate 1). As required by the ROD, MH-40 cleanout was performed. In addition to MH-40, remediation of MH-38 was also completed as required by the ROD. As described below in Section 4.7, although not required in the ROD, Amtrak proactively preformed a sediment cleanout in MH-2 on the same day the remediation of MH-38 occurred. This was done as a housekeeping item to remove sediment buildup from MH-2 to allow for more efficient sewer operation, and not to address contamination as part of the ROD. For completeness, the MH-2 cleanout is included in this CCR. As part of the cleanout activities, the interior walls of the manhole structures were cleaned utilizing hydraulic jetting directing a high-pressure stream of water at the interior surfaces to be cleaned. The jetting equipment was teamed with a high-powered vacuum unit that mechanically removed and containerized the waste from the manhole locations.

PCB-contaminated sediment and water was removed and disposed of in accordance with all federal, state and local rules and regulations.

MH-40 formerly contained a weir that served as a sediment trap. During an inspection of MH-40 performed on July 8, 2013, it was discovered that the weir was no longer present (note this MH-40 is *not* in Amtrak property, and is *not* controlled by Amtrak). As described in Section 4.7, following sediment removal from MH-40, a new weir was constructed approximately eight feet downstream from the MH-40 surface grate to operate as a sediment trap. The weir was constructed of polyethylene sand bags.

As discussed, below an OU-5 Operations, Maintenance, and Monitoring (OM&M) Plan that outlines OU-5 monitoring requirements, as well as inspection and maintenance procedures associated with the weir in MH-40 will be implemented at the Site. The OU-5 OM&M Plan is provided in Appendix I.

- 3. Imposition of an institutional control in the form of a Yard wide environmental easement (including applicable portions of OU-5) that will require (a) limiting the use and development of the site to industrial use; (b) compliance with an approved Site Management Plan; (c) restricting the use of groundwater as a source of potable or processed water, without necessary water quality treatment as determined by NYSDOH; (d) prohibiting agriculture or vegetable gardens on the controlled property; and (e) the property owner completing and submitting to the NYSDEC a periodic certification of institutional and engineering controls.
- 4. Development of a Yard wide Site Management Plan (including applicable portions of OU-5), which will include the following institutional and engineering controls: an institutional and engineering control plan that identifies all use restrictions and engineering controls for the Yard and details the steps and media-specific requirements necessary to ensure the following institutional and/or engineering controls remain in place and effective:
 - A. <u>Institutional Controls</u>: The environmental easement discussed above, notification to all parties of contamination existing in the sewers.
 - B. <u>Engineering Controls</u>: The existing Yard perimeter fence and gate with guard to restrict access to the Yard, the weir constructed in MH-40 as part of the final OU-5 remedy, and maintenance of manhole covers. This plan includes, but may not be limited to:
 - i. Descriptions of the provisions of the environmental easement, including any land use, and groundwater use restrictions;
 - ii. Provisions for the management and inspection of the identified engineering controls;
 - iii. Maintaining Yard access controls and NYSDEC notification; and
 - iv. The steps necessary for the periodic reviews and certification of the industrial and/or engineering controls.
 - C. <u>Implementation of an OM&M Plan</u>: An OM&M Plan will be implemented to assess the performance and effectiveness of the remedy. The OM&M Plan monitoring elements were presented in the OU-5 RAWP, and included the following components:
 - i. Monitoring of sewer water and sediment PCB content in MH-40 to assess the performance and effectiveness of the remedy;
 - ii. Future cleanouts of MH-40, should monitoring data identify exceedances of the SCOs; and
 - iii. Reporting requirements to NYSDEC.

The detailed OU-5 OM&M Plan is provided in Appendix I.

Remedial activities performed in OU-5 were in accordance with this NYSDEC-approved RAWP. All deviations from the RAWP are explained in Section 4.7.

3. Interim Remedial Measures, Operable Units and Remedial Contracts

The cleanout of MH-6 was completed as an Interim Remedial Measure (IRM). This IRM was implemented following the conclusion of the RI, but prior to the preparation of the RAWP or NYSDEC's issuance of the ROD. This IRM is described in the ROD, and in the following section.

3.1 Interim Remedial Measures

MH-6 IRM (Completed October 2011)

Data generated during OU-5 RI activities indicated that sewer sediment and sewer water located within MH-6 was impacted with PCBs and required remediation. The location of MH-6 is presented in Plate 1, and Tables 1 and 2 present the sediment and sewer water results, respectively, for samples collected from MH-6 prior to IRM implementation. Sewer manhole MH-6 is currently used as a New York City Department of Environmental Protection (NYCDEP)-permitted discharge point for treated water associated with the operation of the Dual Phase Vacuum Extraction (DPVE) system installed in OU-3 to address residual separate phase hydrocarbon (SPH). Before the DPVE system could become operational, it was necessary to remediate and rehabilitate this manhole. As such, Remedial Engineering prepared an IRM Work Plan dated August 23, 2011 for the timely clean out and rehabilitation of MH-6, located within the primary sewer system at the Yard. This IRM Work Plan was approved by NYSDEC in their letter dated September 2, 2011.

On October 4, 2011, Amtrak's contractor, Clean Harbors Environmental Services (CHES) completed remediation and rehabilitation activities in MH-6, under the supervision of Roux. This work included the removal of sediment using a Guzzler truck, the removal of water with a vacuum truck, and the washing of the interior of MH-6 using hydraulic jetting. Further, CHES sealed all relic, inactive pipes entering MH-6 using inflatable packers followed by plugging with concrete (note the 8-inch pipe serving as the tie-in for the DPVE system and the 12-inch pipe connecting MH-6 to MH-10 were not sealed). Pipes sealed formerly served buildings and structures that were demolished as part of the OU-3 remedial activities. In total, six (6) pipe tie-ins were sealed as part of this IRM. Additionally, CHES sealed cracks within MH-6 in an effort to reduce groundwater infiltration into the manhole. All work was completed in accordance with CHES's Health and Safety Plan (HASP) and in accordance with the Soil/Materials Management Plan contained in the OU-3 RAWP. In accordance with the IRM Work Plan, Roux implemented a modified community air monitoring program (CAMP), utilizing a roving PID to monitor the work area and the work area perimeter during cleanout operations. CAMP data did not identify any Action Level exceedances during this work.

At the completion of this project, CHES properly disposed of all waste generated in accordance with all regulations and the Soil/Materials Management Plan. A total of 3,500 kilograms (kg) of sewer sludge waste was transported to CHES's Braintree disposal facility located in Braintree, Massachusetts to be disposed as TSCA hazardous waste, and 4,160 pounds (lbs) of liquid was transported to Lorco Petroleum Services facility located in Elizabeth, New Jersey for disposal as non-hazardous waste. Waste manifests for the sludge and liquid are included in Appendix E and F, respectively.

As described in the NYSDEC-approved OU-5 IRM Work Plan, Roux collected a post remediation water sample from within MH-6 to confirm the remediation activities were effective. On October 12, 2011, Roux collected a sample of standing water from the bottom of MH-6 and submitted it for analysis for PCBs.

As presented in Table 3, PCBs were not detected in this sample, confirming that remediation activities in MH-6 were effective.

3.2 Operable Units

To address site wide investigation and remedial efforts in a timely and orderly manner, with the New York State Department of Environmental Conservation NYSDEC's (NYSDEC) concurrence, in 1997, the Yard was subdivided into six OUs shown on Figure 2 and described below.

- OU-1: Soil above the water table within the footprint of the High-Speed Trainset Facility (HSTF) Service and Inspection (S&I) Building. A Record of Decision (ROD) was issued for OU-1 in August 1997, and the remedial work was completed in April 1998.
- OU-2: Soil above the water table within the footprint of the HSTF S&I Building ancillary structures. A No Further Action ROD was issued for OU-2 in November 1997.
- OU-3: Soil and separate phase petroleum hydrocarbon (SPH) accumulation above the water table and soil below the water table within 8 acres in the north central portion of the Yard. A ROD was issued for OU-3 in March 2007.
- OU-4: Consists of the soil above the water table (unsaturated zone) at the Yard, excluding the areas defined as OU-1, OU-2, and OU-3. OU-4 comprises 120 of the total 133 acres of the Yard. A ROD was issued for OU-4 in March 2009.
- OU-5: Sewer system (water and sediment) beneath the Yard.
- OU-6: Saturated soil and the groundwater beneath the Yard. A No Action ROD was issued for OU-6 in March 2010.

All remedial action activities described in this CCR were performed in OU-5 (sewer system, both water and sediment, beneath the Yard). However, as described in section 3.1 of this CCR, work completed in OU-5 included the implementation of a IRM for MH-6, which directly affected activities in OU-3 (i.e., operation of the DPVE system). Data generated during the OU-5 RI activities indicated that sewer sediment and sewer water located within MH-6 was impacted with PCBs and required remediation. It was necessary to complete the IRM for MH-6 as MH-6 was used as a NYCDEP-permitted discharge point for treated water associated with the operation of the OU-3 DPVE system to address residual SPH, which could not be operated until MH-6 was remediated and rehabilitated. Except for the IRM completed at MH-6, all other remediation activities performed in OU-5 were completed as a single project, as part of the final remedy.

4. Description of Remedial Actions Performed

Remedial and MH-40 inspections/clean out activities completed at the Site were conducted in accordance with the NYSDEC-approved OU-5 RAWP, dated September 26, 2012 (Remedial Engineering, 2012) for the Site. All deviations are noted below in Section 4.7.

4.1 Governing Documents

The following project plans are summarized in the sections below.

- Site Specific Health and Safety Plan (HASP)
- Soil/Materials Management Plan (SoMP)
- Community Air Monitoring Plan (CAMP)
- Community Participation Plan (CPP)
- Monitoring Plan

4.1.1 Site Specific Health and 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.

Amtrak, Remedial Engineering, P.C., and associated remedial contractors performing the construction work, were responsible for the preparation of an appropriate HASP and for the appropriate performance of work according to that plan and applicable laws. The site-specific HASP, provided in the OU-5 RAWP, was used to protect personnel as well as any site visitors, and was readily available at all times. Remedial contractors performing work were responsible for preparing their own site-specific HASP and/or adopting the HASP provided in the OU-5 RAWP. During all phases of work, the remedial contractor monitored health and safety conditions and fully enforced all provisions of the Yard-specific HASP, as well as Amtrak's Roadway Worker Protection requirements. The remedial contractor was responsible for monitoring general site conditions and for safety hazards. Specifically, monitoring will be performed to verify that all requirements of 29 CFR 1910 and 1926 are adhered.

4.1.2 Soil/Materials Management Plan (SoMP)

The Soil/Materials Management Plan (SoMP) includes detailed plans for managing all soils/materials that are disturbed in OU-5, including excavation, handling, storage, transport, and disposal. The SoMP also includes all the controls that will be applied to these efforts to assure effective, nuisance-free performance in compliance with all applicable Federal, State and local laws and regulations.

The following elements of the SoMP were implemented during the remedial activities:

- <u>Sediment Screening Methods</u>: Since sediments within manholes MH-2, MH-38, and MH-40 were removed, and due to the nature of vacuum extraction, visual, olfactory, and photoionization detector (PID) sediment screening and assessment was not performed.
- <u>Stockpile Methods</u>: Due to the nature of vacuum removal and direct loading for disposal within the vacuum truck, sediment stockpiling was not conducted. Removed sewer sediments were stored in a vacuum truck or self-contained sludge boxes until off-Site transport. The sludge boxes were inspected each day work was conducted and after every storm event, as applicable.

- <u>Materials Excavation and Load Out</u>: All invasive work and the removal and load-out of all waste material was supervised by the Remedial Engineer or a qualified environmental professional under his supervision. Loaded vehicles leaving the Yard were appropriately manifested and placarded in accordance with appropriate Federal, State, local, and New York State Department of Transportation (NYSDOT) requirements (and all other applicable transportation requirements). Vehicles exiting the work area were inspected daily for off-Site sediment tracking. No concerns regarding structure integrity, (such as building foundations, bridge footings, and manhole access integrity) were observed.
- <u>Materials Transport Off-Yard</u>: All material transport was performed by licensed haulers in accordance with appropriate local, state, and federal regulations, including 6 NYCRR Part 364. Haulers were appropriately licensed and trucks properly placarded and utilized and only pre-approved truck routes via 42nd Place to Northern Boulevard or 39th Street to Northern Boulevard for manhole MH-2 and MH-38 and direct to Northern Boulevard for manhole MH-40. These are the most appropriate routes and takes into account: (a) limiting transport through residential areas and past sensitive sites; (b) use of city mapped truck routes; (c) prohibiting off-Site queuing of trucks entering the facility; (d) limiting total distance to major highways; (e) promoting safety in access to highways; and (f) overall safety in transport.
- <u>Materials Disposal Off-Yard:</u> All non-hazardous and hazardous waste removed from OU-5 was disposed of in accordance with all local, State (including 6 NYCRR Part 360) and Federal regulations. Hazardous and Non-Hazardous waste manifests are included in Appendix E and F, respectively.

4.1.3 Community Air Monitoring Plan (CAMP)

Air monitoring was conducted during all intrusive remedial actions to measure the concentration of VOC and particulates in ambient air at the work zone perimeter.

The CAMP was developed in accordance with the NYSDOH Generic Community Air Monitoring Plan contained in Appendix 1A of the DER-10 (NYSDEC, 2010). The CAMP includes real-time continuous air monitoring at the work site's downwind perimeter for VOCs and particulates. During all phases of work, the remedial contractor will be responsible for mitigating any vapor and particulate issues via suppression techniques defined in the CAMP. The CAMP is provided in the HASP.

4.1.4 Community Participation Plan (CPP)

A CPP has been filed with the NYSDEC. A certification of mailing was sent to the NYSDEC project manager following the distribution of the OU-5 Proposed Remedial Action Plan (PRAP) Fact Sheet (NYSDEC, 2012b) which included: (1) certification that the Fact Sheets were mailed, (2) the date they were mailed; (3) a copy of the Fact Sheet, and (4) a list of recipients (contact list).

A document repository has been established at the following location and contains all applicable project documents, including the OU-5 RI (Roux, 2011), OU-5 Feasibility Study (FS) (Remedial Engineering, 2011), the PRAP (NYSDEC, 2012), PRAP Fact Sheet (NYSDEC, 2012b), and ROD (NYSDEC, 2012c):

Queens Public Library, Sunnyside Branch 43-06 Greenpoint Avenue Long Island City, New York 11104 718-784-3033

Monday and Thursday1:00 PM to 8:00 PMTuesday1:00 PM to 6:00 PMWednesday and Friday10:00 AM to 6:00 PMSaturday10:00 AM to 5:30 PMSundayClosed

4.1.5 Monitoring Plan

A plan outlining the monitoring efforts to be implemented following the completion of OU-5 remedial activities is included in Appendix I. This plan details sample location, frequency, methodology, and reporting requirements, as outlined in Section 7 of the OU-5 RAWP.

4.2 Remedial Program Elements

The following sections present an overview of the work activities performed in OU-5.

4.2.1 Contractors and Consultants

Below are the key contractors and consultants involved in the OU-5 remedial activities and MH-40 inspections/sediment removal described in this CCR.

- Roux Environmental Engineering and Geology, D.P.C., Islandia, New York Environmental Engineer/Consultant
- AARCO Environmental Services Corp. (AARCO), Lindenhurst, New York Inspection Contractor
- Clean Harbors Environmental Services (CHES), Norwell, Massachusetts Remediation Contractor
- Philip Services Corporation Industrial Outsourcing, Inc. (PSC Industrial), Hatfield, Pennsylvania Remediation Contractor
- Innovative Recycling Technologies, Lindenhurst, New York Inspection Contractor
- Tutor Perini Civil Group, Long Island City, New York General Contractor for MTA
- Tectonic Engineering, Mountainville, New York Environmental Consultant for MTA

4.2.2 Site Preparation

MH-40 Pre-Bid Inspection

Prior to initiating the MH-40 cleanout, Roux contracted AARCO to complete a confined space entry into MH-40 for inspection purposes on July 8, 2013. This inspection was completed to assess current conditions in MH-40 and to allow for the preparation of a complete and thorough bid document to be prepared, so Amtrak could properly bid and procure a contractor for the MH-40 cleanout. As part of this inspection, measurements of the MH-40 vault dimensions and sediment depth were collected to estimate the volume of waste to be generated. Also, the volume of water passing through MH-40 was estimated. However, the most significant finding of this inspection was the weir previously installed on the northern (downstream) portion of the MH-40 vault was not present. As such, NYSDEC was notified, and the MH-40 remedial approach was modified to allow for the installation of a new weir. This modification is discussed in detail in Section 4.7.

The information collected during this Pre-Bid Inspection was utilized by Amtrak to generate a contractor bid document for the MH-40 cleanout.

Pre-Construction Meetings

A pre-construction meeting was held with Amtrak representatives, Roux, and CHES on February 13, 2013, prior to implementing remedial activities in MH-38 (as well as the MH-2 sediment cleanout, which was conducted on the same day but not required under the ROD) and between Amtrak representatives, Roux, MTA representatives, and PSC Industrial on December 30, 2013 prior to implementing remedial activities in MH-40. The purpose of these meetings was to review health and safety procedures and responsibilities, identify key project personnel, and review Remedial Action activities and schedule. Site mobilization activities

included mobilization of all equipment to the work area. Prior to work commencement, Amtrak and MTA representatives (for MH-40 remedial activities) were notified. Given the anticipated short duration to complete remedial activities at each location, perimeter fencing was not employed. No grubbing or soil excavation was conducted. Since the remediation of MH-38 and MH-40 (as well as the sediment removal at MH-2 not required by the ROD) require subsurface activities, erosion, and sediment controls are not applicable.

Yard preparation activities are dependent upon the location of the area to be remediated (i.e., MH-38 or MH-40). Yard preparation included (as applicable): identification of underground utilities, track outage/protection, and removal of existing above grade structures/materials. These activities were performed by Amtrak personnel immediately prior to beginning remedial activities.

4.2.3 General Site Controls

The Yard is fenced and access to the Yard is monitored by Amtrak personnel at guard booths located at each entrance to the Yard. Access to work areas was limited to authorized and safety trained personnel including Amtrak employees working in OU-5, remedial contractors, Amtrak representatives, MTA representatives, and regulatory representatives from the NYSDEC and NYSDOH.

Job-site record keeping for all remedial work was appropriately documented. These records were maintained at the OU-5 remediation area at all times during the project and were available for inspection by NYSDEC and NYSDOH staff.

All waste was contained in sludge boxes, a vacuum truck, or lined and covered roll-off containers as part of OU-5 remedial activities. As such, there was no stockpiling of waste conducted during remedial activities. Further, no erosion or sediment controls were required during the remedial activities. During sediment removal activities completed in 2020 by MTA, sediment was temporarily stockpiled onsite prior to being transported offsite for disposal.

4.2.4 Nuisance Controls

The remedial contractor was responsible for ensuring all outbound trucks were inspected and were brushed or washed, as required, to remove loose soils before leaving OU-5 until the remedial construction was complete.

No dust control measures were required, due to the containment of the contaminated sediment and water; weather conditions (snow and rain) dust were not a concern.

No odor control measures were required due to the vacuum procedures utilized and direct containment of the contaminated sediment and water; odor was not a concern.

All transport of materials was performed by licensed haulers in accordance with appropriate local, state, and federal regulations, including 6 NYCRR Part 364. Haulers were appropriately licensed and trucks properly placarded.

No complaints were reported during the remedial activities associated with this CCR.

4.2.5 CAMP Results

CAMP activities were completed during all remedial activities. Monitoring was completed for VOCs and particulates. There were no action level exceedances identified during implementation of these remedial activities. Based on the nature of this work (cleanout of subsurface sewer vaults) and complete containment of contaminated sediments (i.e., no excavation or stockpiling), the likelihood of generating VOCs and particulates was very low.

4.2.6 Reporting

Daily activity reports were prepared and maintained on-Site for compilation and record management. Daily reports were submitted to NYSDEC and NYSDOH Project Managers on a daily basis and included:

- Date and weather;
- A listing of personnel and equipment on-Site;
- A summary of work activities performed;
- A summary of samples collected;
- An update of progress made during the reporting day;
- A summary of waste generated; and
- A summary of future work activities.

Daily reports are provided in Appendix B. Further, the digital photographic log required by the RAWP is included in electronic format in Appendix C.

4.3 Contaminated Materials Removal

This section provides a description of the work elements associated with the contaminated media removal activities completed as part of the OU-5 remedial action and subsequent sediment removal activities. Additionally, this section presents a detailed discussion of waste disposal. The Site-Specific SCOs for OU-5 are: 25 mg/kg for total PCBs in sewer sediment, and 1 μ g/L for total PCBs in sewer water.

4.3.1 MH-38 Remedial Activities and MH-2 Cleanout

On March 9, 2013, Amtrak's contractor, CHES, completed remediation activities in MH-38 and the cleanout of MH-2 (not required under the ROD). The location of these manholes is presented in Plate 1, and a plan view of MH-38 is provided in Figure 3. This work included the removal of all standing sewer water and sewer sediment from within both manholes using a high-powered Guzzler truck. Following removal, the manhole structures were cleaned via hydraulic jetting, coupled with the use of a high-powered vacuum. Jetting is capable of removing sediment adhered to the manhole structure walls through a combination of high water pressure and high water velocity.

Worker entry into the manholes was not required during the MH-38 and MH-2 cleanouts. The sediment and wash water generated during the cleanouts was directly containerized by the Guzzler truck used for material extraction. Analytical data generated from MH-38 and MH-2 was used to characterize the waste generated during removal activities. As described below in detail in Section 4.3.3, a total of 4,435 kg of combined sewer sediment and sewer water were generated during the MH-38 and MH-2 cleaning activities. This material was transported off-Site in the Guzzler truck to CHES's Braintree disposal facility located in Braintree, Massachusetts, to be disposed of as TSCA hazardous waste.

4.3.2 MH-40 Remediation Activities

On January 20, 21, and 23, 2014, Amtrak's contractor, PSC Industrial, completed remediation activities in MH-40. Worker entry into MH-40 was required to complete this task for purposes of diverting sewer water flow, and to aide vacuum equipment during the sediment removal phase. All permit-required confined space entry procedures were followed (in accordance with the Site-Specific HASP) to allow for worker entry into MH-40, including the completion of air monitoring before worker entry into MH-40. Throughout the duration workers were in MH-40, the presence of an entry supervisor and attendant, and use of a tripod emergency retrieval device were in place.

Prior to completing sediment removal, it was necessary for PSC Industrial to divert the flow of incoming sewer water in portions of MH-40 to be cleaned. Water was diverted using a 4-inch diameter, hydraulic-powered pump. Temporary sandbag cofferdams were setup in MH-40 to allow water to be pumped out of targeted work area. Once sediment removal was complete in a particular work area, the cofferdam system was moved, and water was diverted from another targeted work area to allow for sediment removal. This process continued until the entire MH-40 area was cleaned. Figure 4 presents a plan view of the MH-40 interior. The area cleaned extended approximately 15 feet north and 15 feet south of the MH-40 surface grate and encompassed the entire width of the vault (9 feet, 6 inches). Additionally, the first ten (10) feet into the 4-foot diameter pipe east (upstream) of the MH-40 vault was also cleaned. The entire area cleaned is shown in gray on Figure 4.

PSC Industrial completed sediment and water removal through the use of a high-powered Guzzler truck, connected in-line to a closed sludge box. All removed sediment and water was contained and transported off-Site for disposal in the sealed sediment box.

Based on measurements collected prior to starting MH-40 remedial activities, the MH-40 vault area cleaned (the gray area on Figure 4) was found to contain an average of approximately two (2) feet of sediment across the entire area. Following remedial activities, all sediment was removed to the concrete bottom of the sewer vault. The DVD provided in Appendix D provides video footage taken before and after the remedial activities.

As described below in detail in Section 4.3.3, a total of 27.9 tons of combined sewer sediment and sewer water were generated during the MH-40 cleanout. This material was transported off-Site in sealed sediment boxes to Republic Environmental Systems, LLC, located in Hatfield, Pennsylvania (Republic) for disposal as a non-hazardous, contaminated waste. Analytical waste characterization data is provided in this CCR in Tables 4 through 11.

4.3.2.1 Weir Construction

Following the conclusion of MH-40 cleanout activities described above in section 4.3.2, PSC Industrial constructed a new weir (as described above, the former weir located in MH-40 was found to no longer be present.). The new weir was constructed of polyethylene sand bags. The polyethylene bags are manufactured by Hercules Poly, Inc., and are constructed of durable polyethylene manufactured to be resistant to chemicals, oil, and ultra violet damage. The sand bag weir was configured to be three rows deep (approximately 3.5 feet), and three bags in height (approximately 18-inches), across the entire east-west span of the MH-40 vault area (as show in Figure 4). The weir is located approximately 8 feet north (downstream) of the MH-40 surface grate.

4.3.2.2 MH-40 Inspections, Additional Clean Out and Weir Construction

On February 13, 2019, Roux's subcontractor, Innovative Recycling Technologies (IRT) of Lindenhurst, NY, inspected the interior of MH-40 to evaluate the conditions including sediment accumulations and condition of the weir and to collect sediment and water samples for laboratory analysis. During MH-40 interior inspection, approximately 6-inches of sediment accumulation was observed at the bottom of MH-40. Additionally, the weir was not observed to be present during the February 2019 inspection. Based on conversations with MTA, MTA planned to clean out MH-40 and the northern section of the sewer line that leads to the siphon on Northern Boulevard in 2020 due to excessive sediment accumulations in the northern section of the sewer line. Following removal of sediment from MH-40, MTA agreed to reconstruct/reinstall the weir in accordance with MH-40 detail (see Figure 4).

On February 13, 2019, Roux collected one sediment sample and one water sample from MH-40, which was submitted to Alpha Analytical of Westborough, Massachusetts, a New York State Department of Health (NYSDOH) Environmental Laboratory Accreditation Program (ELAP) certified laboratory (NY 11627) and analyzed for PCBs. Sediment and water samples results are summarized in Tables 12 and 13, respectively. Based on the sample results, PCBs were not detected above Yard-specific criteria. The laboratory analytical report is provided in Appendix G.

On November 10, 2020 through November 24, 2020, MTA's contractor, Tutor Perini, completed the clean out (removal of sediment) of MH-40 and the section of the sewer that leads to the siphon on Northern Boulevard as well as the reconstruction of the weir. Roux was not aware of the cleanout/weir reconstruction activities dates and was not onsite to observe the completion of these activities. However, as previously mentioned, Roux performed an inspection of MH-40 on February 26, 2021, and verified the weir was constructed in accordance with MH-40 detail provided on Figure 4. Worker entry into MH-40 was required to complete this task for purposes of diverting sewer water flow, and to aide vacuum equipment during the sediment removal phase. All permit-required confined space entry procedures were followed (in accordance with the Site-Specific HASP) to allow for worker entry into MH-40, including the completion of air monitoring before worker entry into MH-40. Throughout the duration workers were in MH-40, the presence of an entry supervisor and attendant, and use of a tripod emergency retrieval device were in place.

On February 26, 2021, following MH-40 cleanout and weir reconstruction activities completed by MTA, IRT inspected the interior of MH-40 under Roux's supervision following the same procedure as discuss above. The weir was observed to be in good conduction and constructed in accordance with MH-40 detail (see Figure 4). Photographic log is provided in Appendix C.

As described below in detail in Section 4.3.3, a total of 485.17 tons of sewer sediment (sediment from MH-40 to the siphon on Northern Boulevard) were generated during MTA sediment removal activities. This material was temporarily staged onsite prior to being transported off-Site to Fairless Landfill located in Morrisville, Pennsylvania for disposal as a non-hazardous, contaminated waste. Analytical waste characterization data collected by MTA prior to disposal activities is provided in Appendix H.

4.3.3 Disposal Details

As a result of the remedial activities completed in MH-38 and MH-40, as well as the cleanout of MH-2 and MH-40, sewer water and sewer sediment waste were generated and transported off-Site for disposal at properly permitted, approved treatment, storage, and disposal facilities (TSDFs). All material transport was performed by licensed haulers in accordance with appropriate local, state, and federal regulations, including

6 NYCRR Part 364. Haulers were appropriately licensed and trucks properly placarded and utilized only preapproved truck routes.

Sewer sediment and sewer water removed from MH-2 and MH-38 was transported off-Site by CHES for disposal at CHES's Braintree disposal facility located in Braintree, Massachusetts. Sewer sediment and water removed from MH-40 was transported off-Site by PSC Industrial for disposal at Republic. Sewer sediment removed from MH-40 and the sewer line to the Northern Boulevard siphon by MTA was transported off-Site by Waste Management for disposal at Fairless Landfill.

Hazardous and non-hazardous manifests are provided in Appendix E and F, respectively.

| Locations/Date(s) Shipped from Yard | Transporter | Disposal Facility | Quantity Generated | Waste Description |
|---|---------------------|---|-----------------------|---|
| MH-2 and MH-38/ March 9, 2013 | CHES | Clean Harbors of Braintree, Inc. | 4,435 kg | TSCA-Hazardous Waste (sewer sediment and water) |
| MH-40/ February 10 and 11, 2014 | PSC Industrial | Republic Environmental Systems, LLC | 27.9 Tons | Non-Hazardous, contaminated waste (sewer sediment and water) |
| MH-40 and Sewer Line to Northern Blvd Siphon/ January 13 and 14, 2021 | Waste Management | Fairless Landfill | 485.17 Tons | Non-Hazardous, contaminated waste (sewer sediment) |
| MH-6/ Completed as an IRM | CHES | Clean Harbors of Braintree, Inc. | 3,500 kg | TSCA-Hazardous Waste (Sewer sediment sludge) |
| MH-6/ Completed as an IRM | Lorco | Elizabeth, New Jersey | 4,160 lbs | Non-Hazardous, contaminated waste (sewer water) |

A summary of the PCB contaminated material removed from the Yard is provided in the table below.

A summary of the samples collected to characterize the waste associated with MH-40 remedial activities, and associated analytical results, are summarized in Tables 4 through 11. Samples collected during the OU-5 RI from MH-2 and MH-38 were used to characterize waste generated during the MH-2 and MH-38 cleanout. Samples collected by Tectonic Engineering on September 15, 2020 for MTA were used to characterize waste generated during MW-40 cleanout (see Appendix G).

No on-Site Yard material reuse was performed as part of the OU-5 remedial activities or sediment removal activities completed by MTA.

4.4 Contamination Remaining at the Site

Since residual contaminated sewer sediment will exist within OU-5 (the sewer system) after the remedy is complete, Engineering and Institutional Controls (ECs and ICs) are required to protect human health and the environment. These ECs and ICs are described in the following sections. Long-term management of EC/ICs

and of residual contamination will be executed under a site-specific Site Management Plan (SMP) that will be prepared in the future and approved by NYSDEC.

As described in the OU-5 RAWP, following the implementation of OU-5 remedial activities, a routine monitoring plan consisting of sampling MH-40 and identifying trends in PCB concentration in sewer sediment and water will commence. A general plan was presented in the RAWP and included the collection of sewer water and sediment samples every two years from MH-40 to be submitted for PCB analysis. During each event, samples will be collected both during dry conditions and during post-precipitation conditions. The monitoring program will continue until remediation efforts in OU-3 and OU-4 are completed, ESA construction is completed, and two (2) consecutive rounds of data are obtained from MH-40 without any exceedances of the sediment or water SCGs. This approach will ensure any PCB-containing sediment located in sewer legs between manholes will ultimately be recovered from the weir in MH-40. Should monitoring identify any exceedances of either the sediment or water SCG, additional cleanout of MH-40 will be completed, and monitoring will resume.

A formal OU-5 OM&M Plan detailing the plan for sampling in MH-40, including procedures, reporting requirements, etc. is provided in Appendix I. Additionally, this plan includes a weir inspection component and provides detail on the weir inspection procedures, frequency, reporting to NYSDEC, and contingency in the event the weir is found to be in need of maintenance.

4.5 Engineering Controls

ECs and monitoring, in accordance with the OM&M Plan (Appendix I) will be implemented to protect public health and the environment by appropriately managing residual contamination. The site sewer system is entirely below grade in the Yard and not readily accessible without proper equipment. OU-5 will have two primary EC systems: 1) controlled Site access with security gates at each entrance, and 2) maintenance of the weir in MH-40 to mitigate the migration of sewer sediments beyond OU-5.

4.6 Institutional Controls

A site-specific Environmental Easement (including applicable portions of OU-5) will be recorded with Queens County to provide an enforceable means of ensuring the continual and proper management of residual contamination and protection of public health and the environment in perpetuity or until released in writing by NYSDEC. It requires the grantor of the Environmental Easement and the grantor's successors and assigns to adhere to all ECs/ICs placed on this Site by this NYSDEC-approved remedy. ICs provide restrictions on site usage and mandate operation, maintenance, monitoring, and reporting measures for all ECs and ICs.

The site-specific (including applicable portions of OU-5) SMP describes appropriate methods and procedures to ensure compliance with all ECs and ICs required by the Environmental Easement. Once the SMP has been approved by the NYSDEC, compliance with the SMP is required by the grantor of the Environmental Easement and grantor's successors and assigns.

4.7 Deviations from the Remedial Action Work Plan

The following activities were completed in addition to the activities proposed in the NYSDEC-approved OU-5 RAWP:

- Cleanout of MH-2; and
- Construction/replacement of weir in MH-40.

Descriptions are provided below.

4.7.1 Cleanout of MH-2

Based on RI activities and analytical data generated and as documented in the ROD, MH-6, MH-38, and MH-40 are the only manholes in OU-5 that required cleanout. As described above in Section 3.1, MH-6 was successfully cleaned and remediated through an IRM. As described above in Section 4.3, manholes MH-38 and MH-40 were successfully cleaned and remediated as part of the OU-5 remedy. In addition to these manholes, Amtrak also cleaned out MH-2 (see location on Plate 1) on the same day (March 9, 2013) as the cleanout of MH-38 occurred. Details regarding the MH-2 cleanout are provided in the above sections.

Although not required based on the analytical data generated from MH-2, Amtrak performed cleanout of this manhole to remove sediment buildup, to allow for more efficient sewer operation. This cleanout is not part of the OU-5 remedy, however, since sediment was removed from MH-2 (located in OU-5), this cleanout is included in this CCR. All waste generated from MH-2 was properly transported and disposed offsite, as part of a single waste stream with the waste removed from MH-38. Waste manifests are included in Appendix E.

4.7.2 Weir Installation in MH-40

As described above, the weir formerly installed in MH-40 was found to not be present during MH-40 inspection activities conducted on July 8, 2013 and February 13, 2019. Following the completion of the inspections, NYSDEC was notified that the weir was no longer present. Since the weir served as a sediment trap and was a required component of the OU-5, Amtrak proposed the installation of a new weir, constructed with sandbags. The location of the weir is shown on Figure 4. This deviation was approved by NYSDEC, and as described above, incorporated into the OU-5 remedy. Also included as part of this OU-5 remedy is the preparation of an OU-5 OM&M Plan (Appendix I), which includes monitoring and routine inspection of newly installed weir to ensure it is functioning properly.

5. References

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

- NYSDEC 2012. Proposed Remedial Action Plan, Amtrak Sunnyside Yard, Operable Unit Number 5, State Superfund Project, Long Island City, Queens County, Site Number 241006, February 2012.
- NYSDEC 2012b. Public Meeting Announced Proposed Remedial Action Plan Available for Public Comment – Fact Sheet, Amtrak Sunnyside Yard, Operable Unit Number 5, State Superfund Project, Long Island City, Queens County, Site Number 241006, February 2012.
- NYSDEC 2012c. Record of Decision, Amtrak Sunnyside Yard, Operable Unit Number 05, State Superfund Project, Long Island City, Queens County, Site Number 241006, March 2012.
- Remedial Engineering, 2011. Operable Unit 5 (OU-5) Feasibility Study, Sunnyside Yard, Queens, New York. December 1, 2011.
- Remedial Engineering, 2012. Operable Unit 5 (OU-5) Remedial Action Work Plan, Sunnyside Yard, Queens, New York. September 26, 2012.
- Roux Associates, 2011. Operable Unit 5 (OU-5) Remedial Investigation Report, Sunnyside Yard, Queens, New York. August 30, 2011.

TABLES

- 1. Summary of PCBs in Sewer Sediment Samples Collected from MH-6 Prior to IRM
- 2. Summary of PCBs in Sewer Water Samples Collected from MH-6 Prior to IRM
- 3. Summary of PCBs in Post Remediation Water Sample Collected from MH-6
- 4. Summary of VOCs in Sediment MH-40 Waste Characterization Sample
- 5. Summary of SVOCs in Sediment MH-40 Waste Characterization Sample
- 6. Summary of PCBs in Sediment MH-40 Waste Characterization Sample
- 7. Summary of TPH in Sediment MH-40 Waste Characterization Sample
- 8. Summary of General Chemistry Parameters in Sediment MH-40 Waste Characterization Sample
- 9. Summary of TCLP VOCs in Sediment MH-40 Waste Characterization Sample
- 10. Summary of TCLP SVOCs in Sediment MH-40 Waste Characterization Sample
- 11. Summary of TCLP Metals in Sediment MH-40 Waste Characterization Sample
- 12. Summary of PCBs in Sediment MH-40 2019 Sample
- 13. Summary of PCBs in Water MH-40 2019 Sample

| Parameter (Concentrations in µg/kg) | Site-Specific Cleanup Levels | Sample Designation: Sample Date: | MH-6 10/11/2010 | MHS-6 3/16/2011 | MHS-6 3/17/2011 | MH-6DUP 3/17/2011 |
|--|------------------------------------|-------------------------------------|----------------------|--------------------|--------------------|----------------------|
| Aroclor-1016 | | | 4000 U D | 37 U | 36 U | 40 U |
| Aroclor-1221 | | | 4000 U D 4000 U D | 37 U | 36 U | 40 U |
| Aroclor-1232 | | | 4000 U D | 37 U | 36 U | 40 U |
| Aroclor-1242 | | | 4000 U D | 37 U | 36 U | 40 U |
| Aroclor-1248 | | | 4000 U D | 37 U | 36 U | 40 U |
| Aroclor-1254 | | | 4000 U D | 37 U | 36 U | 40 U |
| Aroclor-1260 | | | 120000 D | 21000 | 15000 | 27000 |
| Aroclor-1262 | | | 4000 U D | 37 U | 36 U | 40 U |
| Aroclor-1268 | | | 4000 U D | 37 U | 36 U | 40 U |
| Total PCBs | 25000 | | 120000 D | 21000 | 15000 JV | 27000 |

Table 1. Summary of PCBs in Sewer-Sediment Samples Collected from MH-6 Prior to IRM Sunnyside Yard, Queens, New York

Notes:

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

D - Compound identified in an analysis at a secondary dilution

V – Qualifier added and/or value altered during validation

µg/kg - Micrograms per kilogram

PCBs - Polychlorinated Biphenyls

Bolded results indicate that the compound exceeds the Site-Specific Cleanup Levels

| Parameter (Concentrations in µg/L) | NYCDEP Limit for Effluent to Combined Sewer | Sample Designation: Sample Date: | MH-6 10/11/2010 | MH-6 10/11/2010 Filtered | MHW-6 3/16/2011 | MHW-6 3/16/2011 Filtered | MHW-6 3/17/2011 | MHW-6 3/17/2011 Filtered | MH-6 DUP 3/17/2011 | MH-6 DUP 3/17/2011 Filtered |
|---------------------------------------|---|-------------------------------------|--------------------|--------------------------------|--------------------|--------------------------------|--------------------|--------------------------------|-----------------------|-----------------------------------|
| Aroclor-1016 | | | 0.43 U D | 0.043 U | 0.25 U | 0.27 U | 0.25 U | 0.25 U | 0.25 U | 0.25 U |
| Aroclor-1221 | | | 0.62 U D | 0.062 U | 0.25 U | 0.27 U | 0.25 U | 0.25 U | 0.25 U | 0.25 U |
| Aroclor-1232 | | | 0.38 U D | 0.038 U | 0.25 U | 0.27 U | 0.25 U | 0.25 U | 0.25 U | 0.25 U |
| Aroclor-1242 | | | 0.38 U D | 0.038 U | 0.25 U | 0.27 U | 0.25 U | 0.25 U | 0.25 U | 0.25 U |
| Aroclor-1248 | | | 0.45 U D | 0.045 U | 0.25 U | 0.27 U | 0.25 U | 0.25 U | 0.25 U | 0.25 U |
| Aroclor-1254 | | | 0.36 U D | 0.036 U | 0.25 U | 0.27 U | 0.25 U | 0.25 U | 0.25 U | 0.25 U |
| Aroclor-1260 | | | 83 D | 0.046 U | 12 | 0.27 U | 16 | 0.25 U | 70 | 0.25 U |
| Aroclor-1262 | | | 0.46 U D | 0.046 U | 0.25 U | 0.27 U | 0.25 U | 0.25 U | 0.25 U | 0.25 U |
| Aroclor-1268 | | | 0.15 U D | 0.015 U | 0.25 U | 0.27 U | 0.25 U | 0.25 U | 0.25 U | 0.25 U |
| Total PCBs | 1 | | 83 D | 0 | 12 | 0 | 16 JV | 0 | 70 | 0 |

Table 2. Summary of PCBs in Sewer-Water Samples Collected from MH-6 Prior to IRM Sunnyside Yard, Queens, New York

Notes:

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

V - Qualifier added and/or value altered during validation

µg/L - Micrograms per liter

PCBs - Polychlorinated Biphenyls

Bolded results indicate that the compound exceeds the Site-Specific Cleanup Levels

NYCDEP - New York City Department of Environmental Protection

| NYCDEP Limitation | Sample Designation: | MH-6C |
|-------------------|------------------------|-----------------------------------|
| for Effluent to | Sample Date: | 10/12/2011 |
| Combined Sewers | Location: | MH-6 - Post IRM |
| | | |
| | | 0.25 U |
| | | |
| s 1 | | 0 |
| | <u>Combined Sewers</u> | Combined Sewers Location: |

Table 3. Summary of PCBs in Post Remediation Water Sample Collected from MH-6 Sunnyside Yard, Queens, New York

U - Indicates that the compound was analyzed for but not detected

V – Qualifier added and/or value altered during validation

NA - Not analyzed for by laboratory

µg/L - Micrograms per liter

NYCDEP - New York City Department of Environmental Protection

PCBs - Polychlorinated Biphenyls

| | Commle Dantan - 4 | MILLOWC |
|-----------------------------|---------------------|----------------------|
| Descent | Sample Designation: | MH40WC |
| Parameter | Sample Date: | 7/8/2013 |
| (Concentrations in mg/kg) | | |
| 1,1,1-Trichloroethane | | 0.0027 U |
| 1,1,2,2-Tetrachloroethane | | 0.0027 U |
| 1,1,2-Trichloroethane | | 0.0027 U |
| 1,1-Dichloroethane | | 0.0027 U 0.0027 U |
| 1,1-Dichloroethene | | 0.0027 U 0.0027 U |
| 1,2,3-Trichlorobenzene | | 0.0027 U 0.0027 U |
| 1,2,4-Trichlorobenzene | | 0.0027 U 0.0027 U |
| 1,2-Dibromoethane | | 0.0027 U 0.0027 U |
| 1,2-Dichlorobenzene | | 0.0027 U 0.0027 U |
| 1,2-Dichloroethane | | 0.0027 U 0.0027 U |
| | | |
| 1,2-Dichloropropane | | 0.0027 U |
| 1,3-Dichlorobenzene | | 0.0027 U |
| 1,4-Dichlorobenzene | | 0.0027 U |
| 1,4-Dioxane | | 0.14 U |
| 2-Butanone (MEK) | | 0.0027 U |
| 2-Hexanone | | 0.0027 U |
| 4-Methyl-2-pentanone (MIBK) | | 0.0027 U |
| Acetone | | 0.014 U |
| Benzene | | 0.0014 U |
| Bromochloromethane | | 0.0027 U |
| Bromodichloromethane | | 0.0027 U |
| Bromoform | | 0.0027 U |
| Bromomethane | | 0.0027 U |
| Carbon disulfide | | 0.0027 U |
| Carbon tetrachloride | | 0.0027 U |
| Chlorobenzene | | 0.0027 U |
| Chloroethane | | 0.0027 U |
| Chloroform | | 0.0027 U |
| Chloromethane | | 0.0027 U |
| cis-1,2-Dichloroethene | | 0.0027 U |
| cis-1,3-Dichloropropene | | 0.0027 U |
| Cyclohexane | | 0.0027 U |
| Dibromochloromethane | | 0.0027 U |
| Dibromochloropropane | | 0.0027 U |
| Dichlorodifluoromethane | | 0.0027 U |
| Ethylbenzene | | 0.0014 U |
| Freon 113 | | 0.0027 U |
| Isopropylbenzene | | 0.0014 U |
| m+p-Xylene | | 0.0014 U |
| Methyl acetate | | 0.0027 U |
| Methylcyclohexane | | 0.0027 U |
| Methylene chloride | | 0.0027 U |
| MTBE | | 0.0014 U |
| o-Xylene | | 0.0014 U |
| Styrene | | 0.0027 U |
| Tetrachloroethene | | 0.0049 |

Table 4. Summary of VOCs in Sediment - MH-40 Waste Characterization Sample Sunnyside Yard, Queens, New York

REMEDIAL ENGINEERING, P.C.

| | Sample Designation: | MH40WC |
|---------------------------|---------------------|----------|
| Parameter | Sample Date: | 7/8/2013 |
| (Concentrations in mg/kg) | | |
| | | |
| Toluene | | 0.0014 U |
| trans-1,2-Dichloroethene | | 0.0027 U |
| trans-1,3-Dichloropropene | | 0.0027 U |
| Trichloroethene | | 0.0031 |
| Trichlorofluoromethane | | 0.0027 U |
| Vinyl chloride | | 0.0027 U |
| Xylenes (total) | | 0.0014 U |

Table 4. Summary of VOCs in Sediment - MH-40 Waste Characterization Sample Sunnyside Yard, Queens, New York

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

mg/kg - Milligrams per kilogram

Bold data indicates that parameter was detected

| | Sample Designation: | MH40WC |
|-------------------------------|-------------------------------------|--------------------|
| Parameter | Sample Designation: Sample Date: | 7/8/2013 |
| (Concentrations in mg/kg) | r | |
| | | |
| l,1'-Biphenyl | | 0.14 UD |
| 1,2,4,5-Tetrachlorobenzene | | 0.14 UD |
| 2,2'-oxybis (1-chloropropane) | | 0.14 UD |
| 2,3,4,6-Tetrachlorophenol | | 0.14 UD |
| 2,4,5-Trichlorophenol | | 0.14 UD |
| 2,4,6-Trichlorophenol | | 0.14 UD |
| 2,4-Dichlorophenol | | 0.034 UD |
| 2,4-Dimethylphenol | | 0.034 UD |
| 2,4-Dinitrophenol | | 0.68 UD |
| 2,4-Dinitrotoluene | | 0.14 UD |
| 2,6-Dinitrotoluene | | 0.14 UD |
| 2-Chloronaphthalene | | 0.14 UD |
| 2-Chlorophenol | | 0.14 UD |
| 2-Methylnaphthalene | | 0.37 D |
| 2-Methylphenol | | 0.034 UD |
| 2-Nitroaniline | | 0.14 UD |
| 2-Nitrophenol | | 0.14 UD |
| 3,3'-Dichlorobenzidine | | 0.14 UD |
| 3-Nitroaniline | | 0.14 UD |
| 4,6-Dinitro-2-methylphenol | | 0.14 UD |
| 4-Bromophenyl phenyl ether | | 0.14 UD |
| 4-Chloro-3-methylphenol | | 0.14 UD |
| 4-Chloroaniline | | 0.065 UD |
| 4-Chlorophenyl phenyl ether | | 0.14 UD |
| 4-Methylphenol | | 0.034 UD |
| 4-Nitroaniline | | 0.14 UD |
| 4-Nitrophenol | | 0.14 UD |
| Acenaphthene | | 1.2 D |
| Acenaphthylene | | 0.14 UD |
| Acetophenone | | 0.14 UD |
| Anthracene | | 1.6 D |
| Atrazine | | 0.14 UD |
| Benzaldehyde | | 0.14 UD |
| Benzo[a]anthracene | | 2.7 D |
| Benzo[a]pyrene | | 1.8 D |
| Benzo[b]fluoranthene | | 1.0 D 2.7 D |
| Benzo[g,h,i]perylene | | 1.1 D |
| Benzo[k]fluoranthene | | 0.7 D |
| Bis(2-chloroethoxy)methane | | 0.14 UD |
| Bis(2-chloroethyl) ether | | 0.034 UD |
| Bis(2-ethylhexyl) phthalate | | 0.034 OD 0.36 D |
| Butylbenzyl phthalate | | 0.30 D 0.14 UD |
| Caprolactam | | 0.14 UD 0.14 UD |
| Carbazole | | 0.14 OD |
| Chrysene | | 2.3 D |
| | | <i>4.</i> |

 Table 5. Summary of SVOCs in Sediment - MH-40 Waste Characterization Sample

 Sunnyside Yard, Queens, New York

REMEDIAL ENGINEERING, P.C.

| | Sample Designation: | MH40WC |
|---------------------------|---------------------|----------|
| Parameter | Sample Date: | 7/8/2013 |
| (Concentrations in mg/kg) | _ | |
| | | |
| Dibenzofuran | | 0.85 D |
| Diethyl phthalate | | 0.14 UD |
| Dimethyl phthalate | | 0.14 UD |
| Di-n-butyl phthalate | | 0.07 D |
| Di-n-octyl phthalate | | 0.14 UD |
| Fluoranthene | | 6.6 D |
| Fluorene | | 0.88 D |
| Hexachlorobenzene | | 0.14 UD |
| Hexachlorobutadiene | | 0.14 UD |
| Hexachlorocyclopentadiene | | 0.14 UD |
| Hexachloroethane | | 0.14 UD |
| Indeno[1,2,3-cd]pyrene | | 0.99 D |
| Isophorone | | 0.14 UD |
| Naphthalene | | 1 D |
| Nitrobenzene | | 0.14 UD |
| n-Nitrosodi-n-propylamine | | 0.034 UD |
| n-Nitrosodiphenylamine | | 0.14 UD |
| Pentachlorophenol | | 0.68 UD |
| Phenanthrene | | 8.3 D |
| Phenol | | 0.14 UD |
| Pyrene | | 5.9 |

Table 5. Summary of SVOCs in Sediment - MH-40 Waste Characterization Sample Sunnyside Yard, Queens, New York

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

mg/kg - Milligrams per kilogram

Bold data indicates that parameter was detected

D - a secondary analysis after dilution due to exceedance

of the calibration range in the original sample.

Table 6. Summary of PCBs Sediment - MH-40 Waste Characterization Sample Sunnyside Yard, Queens, New York

| | Sample Designation: | MH40WC |
|---------------------------|---------------------|----------|
| Parameter | Sample Date: | 7/8/2013 |
| (Concentrations in mg/kg) | | |
| | | |
| Aroclor-1016 | | 0.034 U |
| Aroclor-1221 | | 0.034 U |
| Aroclor-1232 | | 0.034 U |
| Aroclor-1242 | | 0.034 U |
| Aroclor-1248 | | 0.034 U |
| Aroclor-1254 | | 0.034 U |
| Aroclor-1260 | | 6.1 D |
| Aroclor-1262 | | 0.034 U |
| Aroclor-1268 | | 0.034 U |
| Aroclor (Total) | | 6.1 D |

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

mg/kg - Milligrams per kilogram

Bold data indicates that parameter was detected

D - a secondary analysis after dilution due to exceedance of the calibration range in the original sample.

Table 7. Summary of TPH in Sediment - MH-40 Waste Characterization Sample Sunnyside Yard, Queens, New York

| Parameter | Sample Designation: Sample Date: | MH40WC 7/8/2013 |
|---------------------------|-------------------------------------|--------------------|
| (Concentrations in mg/kg) | | |
| TPH Recoverable | | 480 |

J - Estimated value

U - Indicates that the compound was analyzed for but not detected mg/kg - Milligrams per kilogram Bold data indicates that parameter was detected

Table 8. Summary of General Chemistry Parameters in Sediment - MH-40 Waste Characterization Sample Summary of General Chemistry Parameters in Sediment - MH-40 Waste Characterization Sample Sunnyside Yard, Queens, New York Summary of General Chemistry Parameters in Sediment - MH-40 Waste Characterization Sample

| Parameter | Units | Sample Designation: Sample Date: | MH40WC 7/8/2013 |
|---------------------|---------|-------------------------------------|--------------------|
| Burning Rate | mm/sec | | NA |
| Cyanide, Free | mg/kg | | 0.5 U |
| Flame Propagation | POS/NEG | | NA |
| Ignitability Screen | POS/NEG | | NEG |
| Percent Solids | percent | | 73 |
| pH | PH | | 7.8 |
| Sulfide Reactivity | mg/kg | | 100 U |

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

mg/kg - Milligrams per kilogram

mm/sec - Millimeters per second

Table 9. Summary of TCLP VOCs in Sediment - MH-40 Waste Characterization Sample Sunnyside Yard, Queens, New York

| Parameter | USEPA Regulatory Levels (mg/L) | Sample Designation: Sample Date: | MH40WC 7/8/2013 |
|----------------------|--------------------------------------|-------------------------------------|--------------------|
| 1,1-Dichloroethene | 0.7 | | 0.001 U |
| 1,2-Dichloroethane | 0.5 | | 0.0005 U |
| 1,4-Dichlorobenzene | 7.5 | | 0.001 U |
| 2-Butanone (MEK) | 200 | | 0.001 U |
| Benzene | 0.5 | | 0.0005 U |
| Carbon tetrachloride | 0.5 | | 0.001 U |
| Chlorobenzene | 100 | | 0.001 U |
| Chloroform | 6 | | 0.001 U |
| Tetrachloroethene | 0.7 | | 0.001 U |
| Trichloroethene | 0.5 | | 0.001 U |
| Vinyl chloride | 0.2 | | 0.001 U |

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

mg/L - Milligrams per liter

USEPA - United States Environmental Protection Agency

TCLP - Toxicity Characteristic Leaching Procedure

USEPA Regulatory Levels - United States Environmental Protection

Agency Limits for RCRA Characteristic Waste for Toxicity

RCRA - Resource Conservation and Recovery Act

Bold - Parameter was detected above USEPA Regulatory Limits

Table 10. Summary of TCLP SVOCs in Sediment - MH-40 Waste Characterization Sample Sunnyside Yard, Queens, New York

| Parameter | USEPA Regulatory Levels (mg/L) | Sample Designation: Sample Date: | MH40WC 7/8/2013 |
|-----------------------|--------------------------------------|-------------------------------------|--------------------|
| 2,4,5-Trichlorophenol | 400 | | 0.008 UD |
| 2,4,6-Trichlorophenol | 2 | | 0.008 UD |
| 2,4-Dinitrotoluene | 0.13 | | 0.008 UD |
| 2-Methylphenol | 200 | | 0.002 UD |
| 4-Methylphenol | 200 | | 0.002 UD |
| Hexachlorobenzene | 0.13 | | 0.008 UD |
| Hexachlorobutadiene | 0.5 | | 0.008 UD |
| Hexachloroethane | 3 | | 0.008 UD |
| Nitrobenzene | 2 | | 0.008 UD |
| Pentachlorophenol | 100 | | 0.04 UD |
| Pyridine | 5 | | 0.04 U |

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

- D a secondary analysis after dilution due to exceedance
 - of the calibration range in the original sample.
- mg/L Milligrams per liter

USEPA - United States Environmental Protection Agency

TCLP - Toxicity Characteristic Leaching Procedure

USEPA Regulatory Levels - United States Environmental Protection

Agency Limits for RCRA Characteristic Waste for Toxicity

RCRA - Resource Conservation and Recovery Act

Bold - Parameter was detected above USEPA Regulatory Limits

Table 11. Summary of TCLP Metals in Sediment - MH-40 Waste Characterization Sample Sunnyside Yard, Queens, New York

| Parameter | USEPA Regulatory Levels (mg/L) | Sample Designation: Sample Date: | MH40WC 7/8/2013 |
|-----------|--------------------------------------|-------------------------------------|--------------------|
| Arsenic | 5 | | 0.2 U |
| Barium | 100 | | 0.79 |
| Cadmium | 1 | | 0.05 U |
| Chromium | 5 | | 0.2 U |
| Lead | 5 | | 0.15 U |
| Mercury | 0.2 | | 0.0007 U |
| Nickel | | | 0.2 U |
| Selenium | 1 | | 0.2 U |
| Silver | 5 | | 0.05 U |

J - Estimated value

U - Indicates that the compound was analyzed for but not detected

mg/L - Milligrams per liter

USEPA - United States Environmental Protection Agency

TCLP - Toxicity Characteristic Leaching Procedure

USEPA Regulatory Levels - United States Environmental Protection

Agency Limits for RCRA Characteristic Waste for Toxicity

RCRA - Resource Conservation and Recovery Act

Bold - Parameter was detected above USEPA Regulatory Limits

| | Notes Utilized Throughout Tables | |
|--|---|--|
| Soil Tables | | |
| U - | Indicates that the compound was analyzed for but not detected | |
| mg/kg - | Milligrams per kilogram | |
| | No Standards available | |
| Bold data indicates | s that parameter was detected above the Yard-Specific Criteria for Sewer Sediment | |
| Groundwater Tab | les | |
| U - | Compound was analyzed for but not detected | |
| μg/L - | Micrograms per liter | |
| | No Standards available | |
| Bold data indicates that parameter was detected above the Yard-Specific Criteria for Sewer Water | | |



Table 12. Summary of Polychlorinated Biphenyls in Sewer Sediment, Sunnyside Yard OU-5 Manhole 40, Long Island City, New York

| | MH-40_SEDIMENT | | |
|---------------------------------|------------------------|------------|----------|
| | ole Date: | 02/13/2019 | |
| | Yard-Specific Criteria | | |
| Parameter | for Sewer Sediment | Units | |
| PCB-1016 (Aroclor 1016) | | MG/KG | 0.0831 U |
| PCB-1221 (Aroclor 1221) | | MG/KG | 0.0831 U |
| PCB-1232 (Aroclor 1232) | | MG/KG | 0.0831 U |
| PCB-1242 (Aroclor 1242) | | MG/KG | 0.0831 U |
| PCB-1248 (Aroclor 1248) | | MG/KG | 0.42 |
| PCB-1254 (Aroclor 1254) | | MG/KG | 0.804 |
| PCB-1260 (Aroclor 1260) | | MG/KG | 0.95 |
| PCB-1262 (Aroclor 1262) | | MG/KG | 0.0831 U |
| PCB-1268 (Aroclor 1268) | | MG/KG | 0.0831 U |
| Polychlorinated Biphenyl (PCBs) | 25 | MG/KG | 2.17 |



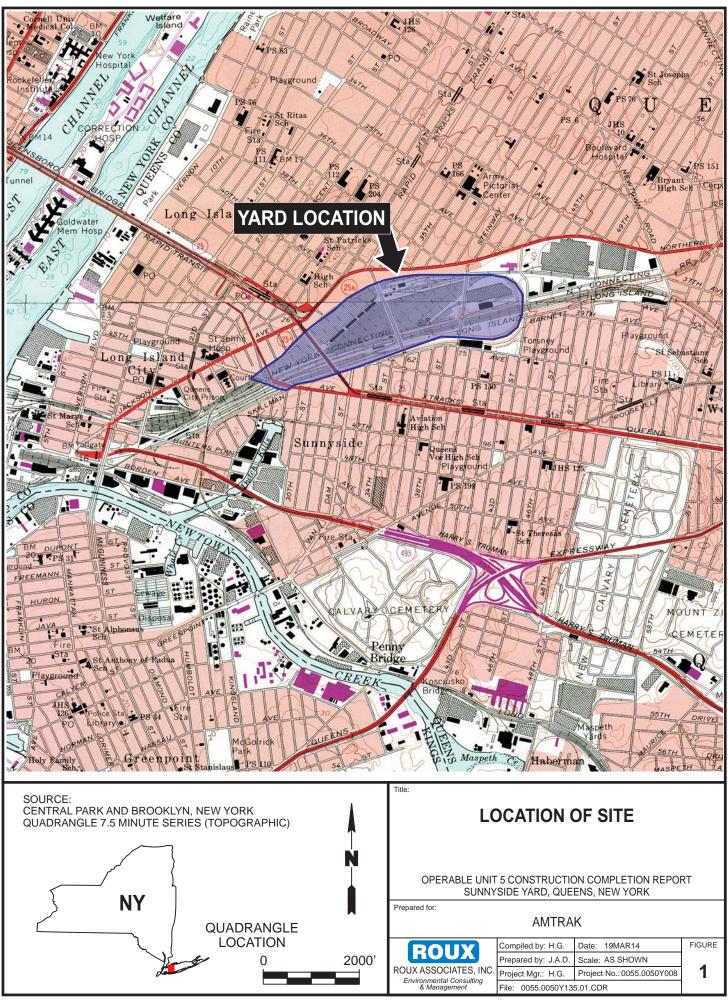
Table 13. Summary of Polychlorinated Biphenyls in Sewer Water, Sunnyside Yard OU-5 Manhole 40, Long Island City, New York

| | nation: | MH-40_WATER | |
|---------------------------------|------------------------|-------------|---------|
| | 02/13/2019 | | |
| | Yard-Specific Criteria | | |
| Parameter | for Sewer Water | Units | |
| PCB-1016 (Aroclor 1016) | | UG/L | 0.083 U |
| PCB-1221 (Aroclor 1221) | | UG/L | 0.083 U |
| PCB-1232 (Aroclor 1232) | | UG/L | 0.083 U |
| PCB-1242 (Aroclor 1242) | | UG/L | 0.083 U |
| PCB-1248 (Aroclor 1248) | | UG/L | 0.083 U |
| PCB-1254 (Aroclor 1254) | | UG/L | 0.083 U |
| PCB-1260 (Aroclor 1260) | | UG/L | 0.092 |
| PCB-1262 (Aroclor 1262) | | UG/L | 0.083 U |
| PCB-1268 (Aroclor 1268) | | UG/L | 0.083 U |
| Polychlorinated Biphenyl (PCBs) | 1 | UG/L | 0.092 |

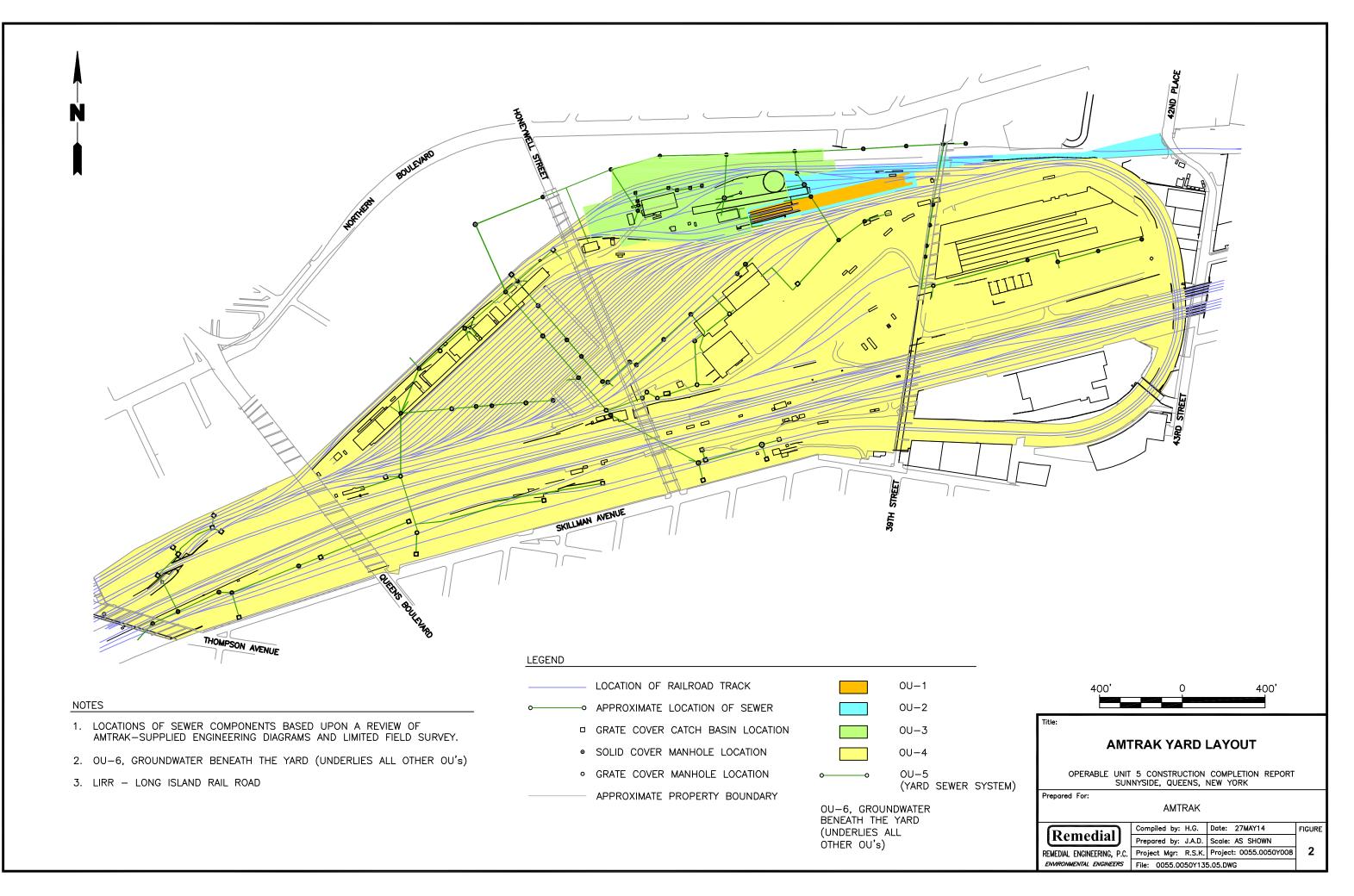


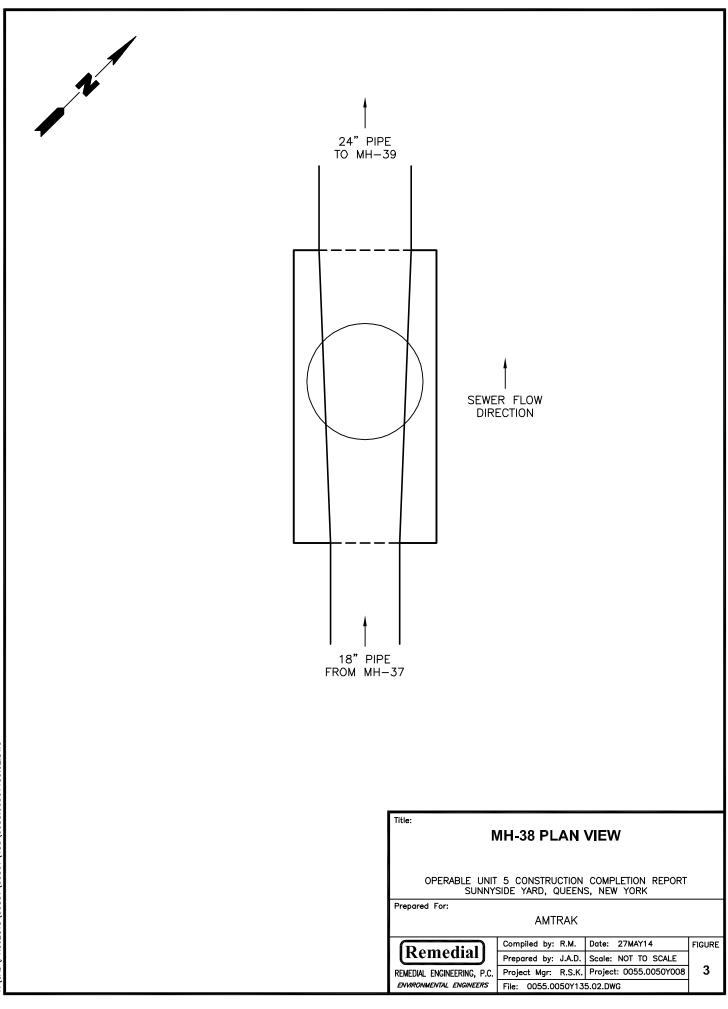
FIGURES

- 1. Location of Site
- 2. Amtrak Sunnyside Yard Layout
- 3. MH-38 Plan View
- 4. MH-40 Detail

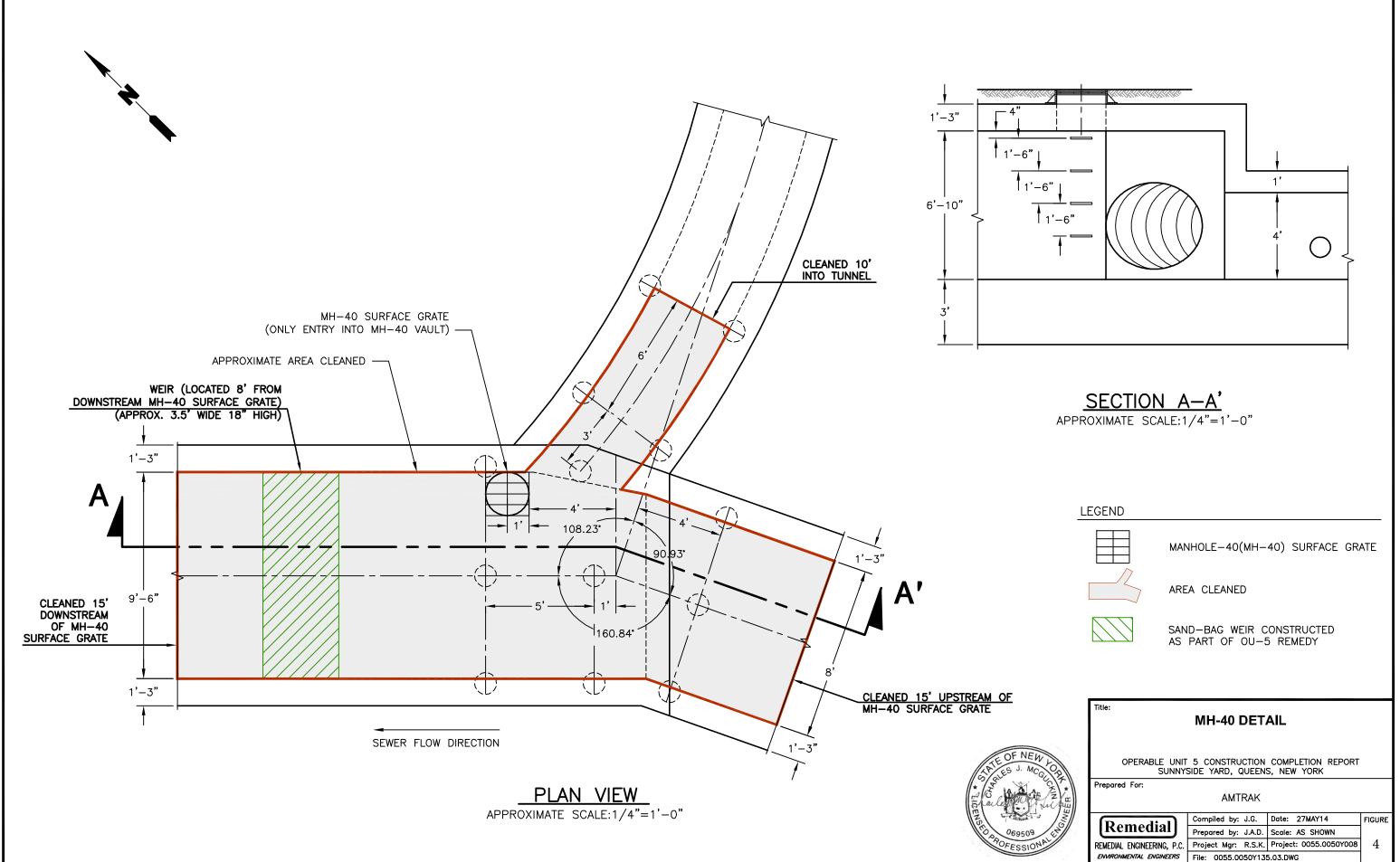


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APPENDICES

- A. OU-5 Construction Completion Report Electronic Version (Provided on CD in Bound Copy Only)
- B. Daily Reports MH -40 Remedial Activities
- C. Photographic Log
- D. Video Footage MH-40 Post Cleanout (Provided on CD in Bound Copy Only)
- E. Hazardous Waste Disposal Manifests
- F. Non-Hazardous Waste Disposal Manifests
- G. Laboratory Analytical Report (2019 Sediment and Water Samples)
- H. Combined Sewer Cleaning per CPR068 (MH-40 to Siphon) Tutor Perini
- I. Operations, Maintenance, and Monitoring (OM&M) Plan

APPENDIX A

OU-5 Construction Completion Report - Electronic Version (Provided on CD in Bound Copy Only)

APPENDIX B

Daily Reports - MH-40 Remedial Activities



| PROJECT NO.: | 0055.0050Y008 | CLIENT: | DATE: | 1/20/14 |
|--------------|-------------------|---------|----------|------------------------------|
| PROJECT: | Cleanout of MH-40 | Amtrak | WEATHER: | Mid-upper 30F, partly cloudy |
| LOCATION: | MTA/LIRR Yard A | | TIME: | 0700-1600 |

| CONTRACTOR AND EQUIPMENT: | PERSONNEL PRESENT AT SITE AND AFFILIATION: |
|-------------------------------------|--|
| PSC Industrial Outsourcing LP (PSC) | Joseph Gavin – Roux Associates, Inc. |
| Vacuum truck | Barry Gallant – PSC |
| Utility / support trucks | Kenny Lynch – PSC |
| Tripod / winch | Kyle Kelly – PSC |
| Generator | Ralph Reinert – PSC |
| Two 3" submersible pumps | Jamie Asbury – PSC |
| | |

General Comments:

Sediment removal occurred today; however, water was difficult to manage. PSC is evaluating alternate methods for managing water flow through MH-40.

GENERAL COMMENTS:

Description of work activities performed:

- PSC conducted Health and Safety tailgate meeting to discuss hazards associated with project, including confined space entry.
- PCS conducted air monitoring for LEL, CO, O2, H2S, and VOCs. MH-40 was deemed safe for entry.
- PSC accessed the municipal sewer via MH-40 in OU-5 (located in MTA/LIRR Yard A) in preparation of sediment removal activities.
- PSC utilized (2) 3-inch submersible pumps to by-pass and reroute sewer water flow around the work area.
- Sediment was pumped into a total of three vacuum boxes via a vacuum truck. The vacuum boxes were full to approximately 85% capacity. The vacuum boxes will remain staged on-site, for later off-site transport.
- Due to the larger amount of water in the sewer system there was difficulty managing water for sediment removal.

Description of waste generated:

• Three vacuum boxes of sediment and water removed from MH-40. Waste will temporarily be stored in MTA/LIRR Yard A, pending characterization and off-site disposal.

Upcoming work activities anticipated:

- Continue with sediment removal on Tuesday (January 21, 2014). Snow is anticipated to begin in the afternoon. Weather conditions will be evaluated tomorrow morning, and work will be planned accordingly.
- The sewer walls will be pressured washed to remove any residual material.
- Upon sediment removal, Hercules Poly sand bags will be used to construct a weir to trap sediments.

Other relevant comments or issues:

- Keep safe distances from equipment and traffic.
- Maintain a presence at the access to MH-40 during confined space activities to ensure worker safety.

| Approved: | Robert Kovacs | By: | Joseph Gavin |
|-----------|---------------|-----|-----------------------|
| | | - | ROUX ASSOCIATES, INC. |



| PROJECT NO.: | 0055.0050Y008 | CLIENT: | DATE: | 1/20/14 |
|--------------|-------------------|---------|----------|------------------------------|
| PROJECT: | Cleanout of MH-40 | Amtrak | WEATHER: | Mid-upper 30F, partly cloudy |
| LOCATION: | MTA/LIRR Yard A | | TIME: | 0700-1600 |



Photo 1. Vacuum truck positioned near MH-40

| Approved: | Robert Kovacs | By: | Joseph Gavin |
|-----------|---------------|-----|-----------------------|
| | | | ROUX ASSOCIATES, INC. |



| PROJECT NO.: | 0055.0050Y008 | CLIENT: | DATE: | 1/20/14 |
|--------------|-------------------|---------|----------|------------------------------|
| PROJECT: | Cleanout of MH-40 | Amtrak | WEATHER: | Mid-upper 30F, partly cloudy |
| LOCATION: | MTA/LIRR Yard A | | TIME: | 0700-1600 |



Photo 2. Vacuum boxes near MH-40. Boxes are all approximately 85% full.

| Approved: | Robert Kovacs | By: | Joseph Gavin |
|-----------|---------------|-----|-----------------------|
| | | - | ROUX ASSOCIATES, INC. |



| PROJECT NO.: | 0055.0050Y008 | CLIENT: | DATE: | 1/21/14 |
|--------------|-------------------|---------|----------|-----------------------------------|
| PROJECT: | Cleanout of MH-40 | Amtrak | WEATHER: | Mid 20F, cloudy; Snow in forecast |
| LOCATION: | MTA/LIRR Yard A | | TIME: | 0700-1600 |

Note – This Daily Report is for Injection Program only.

| CONTRACTOR AND EQUIPMENT: | PERSONNEL PRESENT AT SITE AND AFFILIATION: |
|-------------------------------------|--|
| PSC Industrial Outsourcing LP (PSC) | Joseph Gavin – Roux Associates, Inc. |
| Vacuum truck | Barry Gallant – PSC |
| Utility / support trucks | Kenny Lynch – PSC |
| Tripod / winch | Kyle Kelly – PSC |
| Generator | Ralph Reinert – PSC |
| • 4" hydraulic pump | Jamie Asbury – PSC |
| | |

General Comments:

Sediment removal continued today. There was still difficulty managing water, however, the use of a hydraulic pumped helped significantly. Water was diverted utilizing a hydraulic pump to facilitate sediment removal from MH-40.

GENERAL COMMENTS:

Description of work activities performed:

- PSC conducted Health and Safety tailgate meeting to discuss hazards associated with the project, including confined space entry.
- PSC conducted air monitoring for LEL, CO, O2, H2s and VOCs. MH-40 was deemed safe for entry.
- PSC accessed the municipal sewer via MH-40 in OU-5 (located in MTA/LIRR Yard A) in preparation of sediment removal activities.
- PSC utilized a 4-inch hydraulic pump to by-pass and reroute sewer water flow around the work area.
- Sediment was pumped into one vacuum of the vacuum boxes via a vacuum truck. The vacuum box was full to slightly over 50% capacity. A total of (3) vacuum boxes will remain staged on-site, for later off-site transport.
- PSC collected two sediment samples from the recovered waste for waste disposal characterization for PCBs.
- Due to the larger amount of water in the sewer system there was difficulty managing water for sediment removal, however, the hydraulic pump was effective.

Description of waste generated:

• One Vacuum box was filled to approximately 50% capacity. No additional waste water was generated today; all water was by-passed within the sewer system. Waste will temporarily be stored in MTA/LIRR Yard A, pending characterization and off-site disposal.

Upcoming work activities anticipated:

- Continue with sediment removal on Thursday (January 23, 2014) Note, no work conducted on January 22 due to snow storm.
- The sewer walls will be pressured washed to remove any residual material.
- Upon sediment removal, Hercules Poly sand bags will be used to construct a weir to trap sediments.

| Approved: | Rob Kovacs | By: | Joseph Gavin |
|-----------|------------|-----|-----------------------|
| | | | ROUX ASSOCIATES, INC. |



| PROJECT NO.: | 0055.0050Y008 | CLIENT: | DATE: | 1/21/14 |
|--------------|-------------------|---------|----------|-----------------------------------|
| PROJECT: | Cleanout of MH-40 | Amtrak | WEATHER: | Mid 20F, cloudy; Snow in forecast |
| LOCATION: | MTA/LIRR Yard A | | TIME: | 0700-1600 |

Other relevant comments or issues:

- Keep safe distances from equipment and traffic.
- Maintain a presence at the access to MH-40 during confined space activities to ensure worker safety.

| Approved: | Rob Kovacs | By: | Joseph Gavin |
|-----------|------------|-----|-----------------------|
| | | - | ROUX ASSOCIATES, INC. |



| PROJECT NO.: | 0055.0050Y008 | CLIENT: | DATE: | 1/21/14 |
|--------------|-------------------|---------|----------|-----------------------------------|
| PROJECT: | Cleanout of MH-40 | Amtrak | WEATHER: | Mid 20F, cloudy; Snow in forecast |
| LOCATION: | MTA/LIRR Yard A | | TIME: | 0700-1600 |



Photo 1. View of Vacuum Box during sediment removal.

| Approved: | Rob Kovacs | By: | Joseph Gavin |
|-----------|------------|-----|-----------------------|
| | | | ROUX ASSOCIATES, INC. |

ROUX ASSOCIATES, INC.



| PROJECT NO.: | 0055.0050Y008 | CLIENT: | DATE: | 1/21/14 |
|--------------|-------------------|---------|----------|-----------------------------------|
| PROJECT: | Cleanout of MH-40 | Amtrak | WEATHER: | Mid 20F, cloudy; Snow in forecast |
| LOCATION: | MTA/LIRR Yard A | | TIME: | 0700-1600 |



Photo 2. View of work area during sediment removal

| Approved: | Rob Kovacs | By: | Joseph Gavin |
|-----------|------------|-----|-----------------------|
| | | - | ROUX ASSOCIATES, INC. |

ROUX ASSOCIATES, INC.



| PROJECT NO.: | 0055.0050Y008 | CLIENT: | DATE: | 1/21/14 |
|--------------|-------------------|---------|----------|-----------------------------------|
| PROJECT: | Cleanout of MH-40 | Amtrak | WEATHER: | Mid 20F, cloudy; Snow in forecast |
| LOCATION: | MTA/LIRR Yard A | | TIME: | 0700-1600 |



Photo 3. View of hydraulic pump during water by-pass activities.

| Approved: | Rob Kovacs | By: | Joseph Gavin |
|-----------|------------|-----|-----------------------|
| | | | ROUX ASSOCIATES, INC. |

ROUX ASSOCIATES, INC.



| PROJECT NO.: | 0055.0050Y008 | CLIENT: | DATE: | 1/23/14 |
|--------------|-------------------|---------|----------|-------------------------------|
| PROJECT: | Cleanout of MH-40 | Amtrak | WEATHER: | About 10 degrees and overcast |
| LOCATION: | MTA/LIRR Yard A | | TIME: | 0700-1630 |

Note – This Daily Report is for Injection Program only.

| CONTRACTOR AND EQUIPMENT: | PERSONNEL PRESENT AT SITE AND AFFILIATION: |
|-------------------------------------|---|
| PSC Industrial Outsourcing LP (PSC) | John Freijomil – Roux Associates, Inc. |
| Vacuum truck | Rich Maxwell – Roux Associates, Inc. (Morning only) |
| Utility / support trucks | Barry Gallant – PSC |
| Tripod / winch | Kenny Lynch – PSC |
| Generator | Kyle Kelly – PSC |
| • 4" hydraulic pump | Ralph Reinert – PSC |
| | Jamie Asbury – PSC |
| | |

General Comments:

Sediment removal continued today. PSC was successful in managing water with the use of a hydraulic pump. Sediment removal complete, pending camera inspection results. The camera inspection and weir construction scheduled for tomorrow.

GENERAL COMMENTS:

Description of work activities performed:

- PSC conducted Health and Safety tailgate meeting to discuss hazards associated with the project, including confined space entry.
- PSC conducted air monitoring for LEL, CO, O2, H2s and VOCs. MH-40 was deemed safe for entry.
- PSC accessed the municipal sewer via MH-40 in OU-5 (located in MTA/LIRR Yard A) in preparation of sediment removal activities.
- PSC utilized a 4-inch hydraulic pump to by-pass and reroute sewer water flow around the work area.
- Sediment was pumped into two vacuum of the vacuum boxes via a vacuum truck. A total of (3) vacuum boxes will remain staged on-site, for later off-site transport.
- Sediment removal completed, pending camera inspection.

Description of waste generated:

 Two vacuum boxes filled. No additional waste water was generated today; all water was by-passed within the sewer system. Waste will temporarily be stored in MTA/LIRR Yard A, pending characterization and off-site disposal.

Upcoming work activities anticipated for January 24, 2014:

- The sewer walls will be pressured washed to remove any residual material.
- Hercules Poly sand bags will be used to construct a weir to trap sediments.
- Camera inspection to be completed tomorrow

Other relevant comments or issues:

- Keep safe distances from equipment and traffic.
- Maintain a presence at the access to MH-40 during confined space activities to ensure worker safety.

| Approved: | Rob Kovacs | By: | Joseph Gavin |
|-----------|------------|-----|-----------------------|
| | | | ROUX ASSOCIATES, INC. |

APPENDIX C

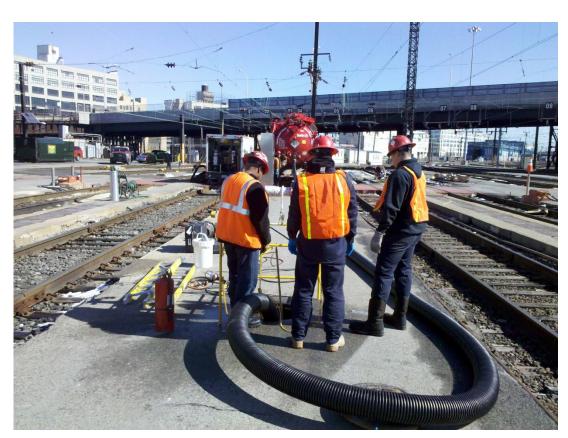
Photographic Log



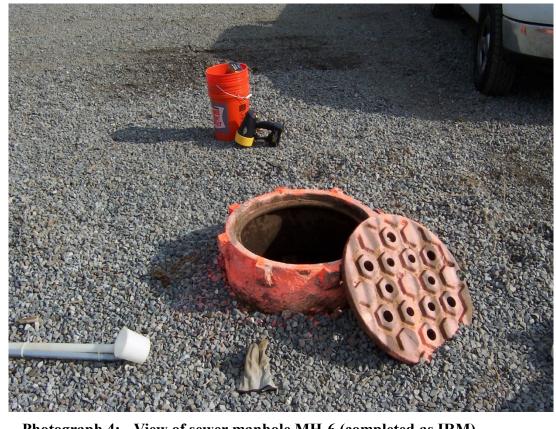
Photograph 1: View of Clean Harbors vacuum truck



Photograph 2: View inside sewer manhole MH-38



Photograph 3: View during remediation of sewer manhole MH-38



Photograph 4: View of sewer manhole MH-6 (completed as IRM)



Photograph 5: View of sewer manhole MH-40



Photograph 6: View downstream, towards North in MH-40, prior to cleaning



Photograph 7: View upstream, towards East in MH-40, prior to cleaning



Photograph 8: View upstream, towards East in MH-40, prior to cleaning



Photograph 9: View of vacuum boxes and vacuum truck during remediation of MH-40



Photograph 10: View of upstream in MH-40, towards South following cleaning; note concrete/rock debris



Photograph 11: View of upstream in MH-40, towards South following cleaning





Photograph 13: View of eastern upstream tunnel, 10 feet from MH-40



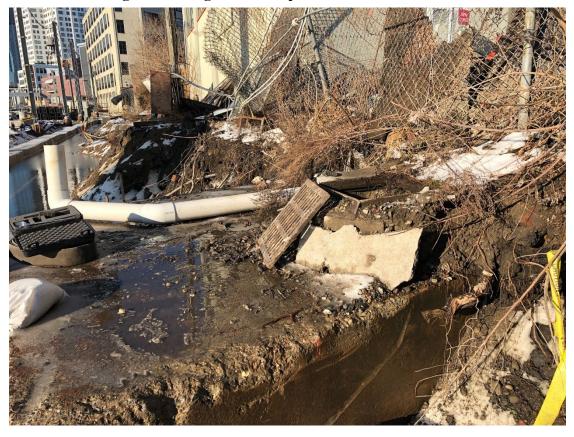
downstream of MH-40 surface grate January 24, 2014



Photograph 15: View of newly constructed weir located eight feet downstream of MH-40 surface grate January 24, 2014



Photographs 16 (above) and 17 (below): View of sewer manhole MH-40 at grade during 2/13/19 inspection





Photographs 18 (above) and 19 (below): View of bottom of sewer manhole MH-40 and sediment accumulation during 2/13/19 inspection



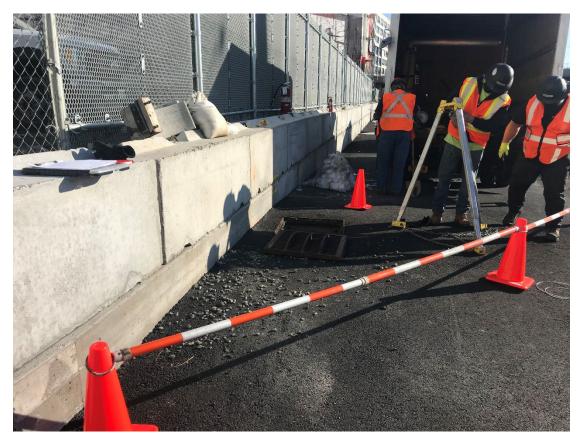


Photographs 20 (above) and 21 (below): View of sewer manhole MH-40 interior (no weir observed) during 2/13/19 inspection

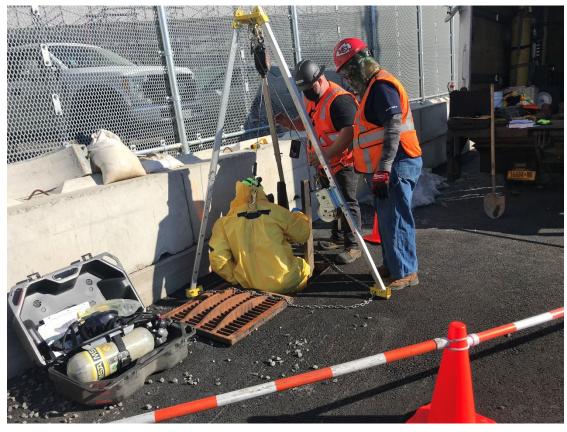




Photograph 22: View of newly constructed weir located eight feet downstream of MH-40 surface grate during November 2020 (by MTA)



Photographs 23 (above) and 24 (below): View of sewer manhole MH-40 at grade and confined space entry during 2/26/21 inspection





Photograph 25: View newly constructed weir located eight feet downstream of MH-40 surface grate during 2/26/21 inspection

APPENDIX D

Video Footage – MH-40 Pre and Post Cleanout (Provided on CD in Bound Copy Only)

APPENDIX E

Hazardous Waste Disposal Manifests

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APPENDIX F

Non-Hazardous Waste Disposal Manifests

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| SPECIAL HANI | | TRUCT | | SENCY PHONE #: (۱ کار او او او | 800) 483-3718 NYMA | GENERATOR: Nation | onal Railroad Pa | ssenger |

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

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Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING 14 BRICK KILN CT NORTHAMPTON, PA, 18067

| NORTHAMPTON, PA, 18067 | |
|---|--|
| Tkt Date 01/13/2021 Pay Type Credit Account Chk# Billing# 0000926 Acc Tons 47.88 Man Tk# PO# 111672 | Vehicle# 13 Volume Trailer# License# AU883L Driver Haul Tk# Dest |
| Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI EPA ID NA Manifest 000001 Route | Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT Waste # 506 Origin #/County NY/NEW YORK (State of),NY Origin Name NEW YORK Grid F3 01-13-21 |
| Scale-Cert Time Date Operator In 01/13/2021 09:23 FAIRLESS_LAB_ Out 01/13/2021 10:14 FAIRLESS_LANE B Donovan 8 Comments | Operation Type-Inbound Inbound Gross 77540 lb Tare 28440 lb 6176 Net 49100 lb Tons 24.55 |
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NON-HAZARDOUS MANIFEST

| NON-HAZARDOUS MANIFEST | 1. Generator's US I | | | c No. | 2. Page : | | | | | |
|---|--|--|---|--|---------------------------------|------------------------------|-------------------------|---------------------------------------|-------------------------|--|
| 3. Generator's Mailing Address: | | anoratoria Cit. a Li | | | | | | | | |
| MTACC EAST SIDE ACCES | | enerator's Site Addres | S (If different than | mailing): | A. Manif | est Number | 000 | 0001 | 1.00 | |
| | | ITA MID-DAY STOP | ACCESS C | ~~~>> | v | MNA | | | | |
| 29-76 NORTHERN BLVD 5 | FL CI | JNNYSIDE YARD, C | | 11101 | | B. State | e Generat | or's ID | | |
| LONG ISLAND CITY, 1110 | nerator's Phone 631-332-9526 | | | 11101 | | | | | | |
| 4. Generator's Phone 631-332 | -9526 | COLLIN. | | | | | | | | |
| 5. Transporter 1 Company Name | | 6. US EF | A ID Number | | | | | | | |
| Wenca Gron | uel#L | 3 | | | C. State Transporter's ID | | | | | |
| 7. Transporter 2 Company Name | | | A ID Number | | | orter's Phone | | | | |
| HU 883 L | | US EI | A ID Number | | F State T | ransporter's I | | | investe als | |
| 9. Designated Facility Name and Site A | ddross | | | | | orter's Phone | | | | |
| Rairless Landfills | 1001 622 | 10. US E | PA ID Number | | | | | | | |
| 1000 New Ford Mill Rd | | | | | G. State F | | | | | |
| Morrisville, PA 19067 | | | | | H. State F | acility Phone | | | | |
| | | | | | | | | | | |
| 11. Description of Waste Materials | | · · · · · · · · · · · · · · · · · · · | | ntainers | 13. Total | 14. Unit | T | | | |
| NON-HAZARDOUS SEV | VAGE IMPACT | | No. | Туре | Quantity | Wt./Vol. | L | Misc. Comm | ients | |
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| I. VM Profile # . Additional Descriptions for Material: | | | K. Disposa | I Location | | | | | | |
| VM Profile # Additional Descriptions for Material: | | 11ZATION, INC. | Cell | I Location | | | Level | | | |
| I. VM Profile # Additional Descriptions for Materials BILL TO: ENVIRONMENTA 5. Special Handling Instructions and Ad | L WASTE MININ | IZATION, INC. | | l Location | | | Level | | | |
| VM Profile # Additional Descriptions for Materials BILL TO: ENVIRONMENTA 5. Special Handling Instructions and Ad | L WASTE MININ | 1IZATION, INC. | Cell | I Location | | | Level | | | |
| VM Profile # Additional Descriptions for Materials BILL TO: ENVIRONMENTA 5. Special Handling Instructions and Ad archase Order # | L WASTE MININ | 1IZATION, INC. EMERGENCY CO | Cell Grid | | | | Level | | | |
| M Profile # Additional Descriptions for Materials BILL TO: ENVIRONMENTA Special Handling Instructions and Ad rchase Order # . GENERATOR'S CERTIFICATE: | AL WASTE MININ | EMERGENCY CO | Cell Grid DNTACT / PHO | NE NO.: | | | |] | | |
| VM Profile # Additional Descriptions for Materials BILL TO: ENVIRONMENTA 5. Special Handling Instructions and Ad urchase Order # 5. GENERATOR'S CERTIFICATE: hereby certify that the above-described curately described, classified and pack | AL WASTE MININ ditional Information | EMERGENCY CO | Cell Grid | NE NO.: | any applicabl | le state law, ł | | n fully and | | |
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| M Profile # Additional Descriptions for Materials BILL TO: ENVIRONMENTA Special Handling Instructions and Ad rchase Order # GENERATOR'S CERTIFICATE: ereby certify that the above-described surately described, classified and pack inted Name TENTAL | ditional Information | EMERGENCY Co azardous wastes as de per condition for trans Signature "On beh | Cell Grid DNTACT / PHOI | NE NO.: Part 261 or a | any applicable plicable regu | e state law, ł | have been Month | Day | Year | |
| /M Profile # Additional Descriptions for Materials BILL TO: ENVIRONMENTA Si Special Handling Instructions and Ad rchase Order # GENERATOR'S CERTIFICATE: ereby certify that the above-described urately described, classified and pack nted Name Transporter 1 Acknowledgement of R winted Name | AL WASTE MININ ditional Information ditional dition | EMERGENCY CO azardous wastes as de per condition for trans | Cell Grid DNTACT / PHOI | NE NO.: Part 261 or a | any applicabl | le state law, f | have been Month | Day | Year | |
| /M Profile # Additional Descriptions for Materials BILL TO: ENVIRONMENTA Special Handling Instructions and Ad rchase Order # GENERATOR'S CERTIFICATE: ereby certify that the above-described; curately described; classified and pack nted Name Transporter 1 Acknowledgement of R Transporter 2 Acknowledgement of R | AL WASTE MININ ditional Information ditional dition | EMERGENCY Co azardous wastes as de per condition for trans Signature "On beh | Cell Grid DNTACT / PHOI | NE NO.: Part 261 or a | any applicabl | le state law, h | have been Month | Day 13 | Year 2/ | |
| /M Profile # Additional Descriptions for Materials BILL TO: ENVIRONMENTA Special Handling Instructions and Ad rchase Order # GENERATOR'S CERTIFICATE: ereby certify that the above-described; curately described, classified and pack nted Name Transporter 1 Acknowledgement of R Sinted Name Transporter 2 Acknowledgement of R | AL WASTE MININ ditional Information ditional dition | EMERGENCY Co azardous wastes as de per condition for trans Signature "On beh | Cell Grid DNTACT / PHOI | NE NO.: Part 261 or a | any applicable plicable regu | le state law, f | have been Month | Day 13 Day 13 | Year 2/ Year 2 | |
| Additional Descriptions for Materials SILL TO: ENVIRONMENTA Special Handling Instructions and Ad rchase Order # GENERATOR'S CERTIFICATE: ereby certify that the above-described urately described, classified and pack inted Name Transporter 1 Acknowledgement of R inted Name Transporter 2 Acknowledgement of R Printed Name | AL WASTE MININ ditional Information ditional Informatio ditional Information ditional Information ditional Informa | EMERGENCY Co azardous wastes as de per condition for trans Signature "On beh Signature | Cell Grid DNTACT / PHOI | NE NO.: Part 261 or a | any applicable plicable regu | le state law, H lations. | have been Month O | Day 13 | Year 2/ | |
| Additional Descriptions for Materials SILL TO: ENVIRONMENTA . Special Handling Instructions and Ad rchase Order # . GENERATOR'S CERTIFICATE: ereby certify that the above-described rurately described, classified and pack inted Name Transporter 1 Acknowledgement of R inted Name Transporter 2 Acknowledgement of R Printed Name Certificate of Final Treatment/Dispose | AL WASTE MININ ditional Information dimaterials are not h aged and are in prop model ecceipt of Materials mene 2 ecceipt of Materials | EMERGENCY Co azardous wastes as de per condition for trans Signature "On beh Signature Signature | Cell Grid | NE NO.: art 261 or a rding to ap TV | plicable regu | lations. | Month | Day 13 Day Day | Year 2/ Year 2 | |
| Additional Descriptions for Materials Additional Descriptions for Materials BILL TO: ENVIRONMENTA . Special Handling Instructions and Ad rchase Order # . GENERATOR'S CERTIFICATE: ereby certify that the above-described urately described, classified and pack inted Name Printed Name Transporter 1 Acknowledgement of R Printed Name Certificate of Final Treatment/Dispose rtify, on behalf of the above listed treat | AL WASTE MININ ditional Information aged and are in prop manual and | EMERGENCY Co azardous wastes as de per condition for trans Signature "On beh Signature Signature | Cell Grid | NE NO.: art 261 or a rding to ap TV | plicable regu | lations. | Month | Day 13 Day Day | Year 2/ Year 2 | |
| /M Profile # Additional Descriptions for Materials BILL TO: ENVIRONMENTA Special Handling Instructions and Ad rchase Order # GENERATOR'S CERTIFICATE: ereby certify that the above-described; urately described, classified and pack ntransporter 1 Acknowledgement of R vinted Name Transporter 2 Acknowledgement of R rinted Name Certificate of Final Treatment/Dispose rtify, on behalf of the above listed treat licable laws, regulations, permits and I | AL WASTE MININ ditional Information ditional Informatio ditional Information ditional Information ditional Informa | EMERGENCY Co azardous wastes as de per condition for trans Signature "On beh Signature Signature bignature | Cell Grid | NE NO.: art 261 or a TYT | plicable regu | lations. | Month | Day 13 Day Day | Year 2/ Year 2 | |
| /M Profile # Additional Descriptions for Materials SILL TO: ENVIRONMENTAL Special Handling Instructions and Ad archase Order # GENERATOR'S CERTIFICATE: ereby certify that the above-described curately described, classified and pack inted Name Printed Name Certificate of Final Treatment/Disposa rtify, on behalf of the above listed treat fit, on behalf of the above listed treat fit cable laws, regulations, permits and I Fadility Owner of Operator Ceptificate | AL WASTE MININ ditional Information ditional Informatio ditional Information ditional Information ditional Informa | EMERGENCY Co azardous wastes as de ber condition for trans Signature "On beh Signature Signature Signature bignature the best of my knowl listed above. hazardous materials co | Cell Grid | NE NO.: art 261 or a TYT | plicable regu | lations. | Month | Day 13 Day Day | Year 2/ Year 2 | |
| I. VM Profile # Additional Descriptions for Materials BILL TO: ENVIRONMENTA 5. Special Handling Instructions and Ad urchase Order # 5. GENERATOR'S CERTIFICATE: hereby certify that the above-described curately described, classified and pack inted Name TEN 21 Construction Constr | AL WASTE MININ ditional Information ditional Informatio ditional Information ditional Information ditional Informa | EMERGENCY Co azardous wastes as de per condition for trans Signature "On beh Signature Signature bignature | Cell Grid | NE NO.: art 261 or a TYT | plicable regu | lations. | Month | Day 13 Day Day | Year 2/ Year 2 | |
| | AL WASTE MININ ditional Information ditional Information dimaterials are not h aged and are in prop mode ecceipt of Materials ecceipt of Materials discusses on the dates on a receipt of non- | EMERGENCY Co azardous wastes as de ber condition for trans Signature "On beh Signature Signature bignature bignature bignature bignature bignature bignature Signature Signature Signature | Cell Grid DNTACT / PHOI offined by CFR P portation acco alfoft M M M M M M M M M M M M M M M M M M M | NE NO.: art 261 or a TYT | waste was | managed in c | Month | Day 13 Day Day e with all | Year 2/ Year 2 | |
| M Profile # Additional Descriptions for Materials BILL TO: ENVIRONMENTA Superior Su | AL WASTE MININ ditional Information ditional Information dimaterials are not h aged and are in prop mode ecceipt of Materials ecceipt of Materials discusses on the dates on a receipt of non- | EMERGENCY Co azardous wastes as de ber condition for trans Signature "On beh Signature Signature Signature bignature the best of my knowl listed above. hazardous materials co | Cell Grid DNTACT / PHOI offined by CFR P portation acco alf of M M edge, the abov overed by this #2 COPY | NE NO.: art 261 or a TYT | waste was | lations. | Month | Day 13 Day Day e with all | Year 2/ Year 2 | |



Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING 14 BRICK KILN CT NORTHAMPTON, PA, 18067

| NORTHAMPTON, PA, 18067 | |
|---|--|
| Tkt Date 01/13/2021 Pay Type Credit Account Chk# Billing# 0000926 Acc Tons 47.88 Man Tk# PO# 111672 | Vehicle# 47 Volume Trailer# License# Driver Haul Tk# Dest |
| Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI EPA ID NA Manifest 000002 Route | Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT Waste # 506 Origin #/County NY/NEW YORK (State of),NY Origin Name NEW YORK Grid F3 01-13-21 |
| Scale-Cert Time Date Operator In 01/13/2021 09:25 FAIRLESS_LAB_ Out 01/13/2021 10:15 FAIRLESS_LANE B Donovan 8 | Operation Type-Inbound Inbound Gross 75520 lb Tare 28860 lb 6176 Net 46660 lb Tons 23.33 |
| Comments | |

| Product | LD% | Qty | UOM | Rate | Tax | Amount | Origin |
|-------------------|--------|-------|------|------|-----|--------|--------|
| 1 Cont Soil Sp. W | -T 100 | 23.33 | Tons | | | | NY |

| Total | Tax | |
|-------|--------|--|
| Total | Ticket | |
| | | |

| W | 1. General | or's US EPA | AZARD | fest Doc No | | 2. Page 1 of | 1 | |
|-------------|--|----------------|---|------------------|------------------|----------------------------------|----------------------------|--|
| | NON-HAZARDOUS MANIFEST | | rator's Site Address (If diffe | erent than mail | ing): | A. Manifest | Number | 000002 |
| 3 | 3. Generator's Mailing Address: | Gene | ACD EAST SIDE ACCH | ESS | | WN | | |
| r | MTACC EAST SIDE ACCESS | MTA | MID-DAY STORAGE | | 101 | | B. State | Generator's ID |
| | 29-76 NORTHERN BLVD 5 TH FL | | NYSIDE YARD, QUEE | NS, NY 11 | .101 | | | |
| | LONG ISLAND CITY, 11101 | Cou | inty: QUEENS | | | | | and the second second second second second |
| 4 | 4. Generator's Phone 631-332-9526 5. Transporter 1 Company Name | | 6. US EPA ID | Number | | C. State Tr | ansporter's I | ID |
| | 5. Transporter I company note | 1 | | | | D. Transpo | rter's Phone | |
| 1 | 7. Transporter 2 Company Name | 3 | 8. US EPA ID | Number | | C. Chata Tr | ansporter's | ID |
| | Cingal - AS7 | 11 A | | | | | rter's Phone | |
| | 9. Designated Facility Name and Site Address | | 10. US EPA I | D Number | | | | |
| | Fairless Landfills | | | | | G. State Fa | cility ID acility Phone | a |
| | 1000 New Ford Mill Rd | | | A Contraction | | n. state re | | |
| | Morrisville, PA 19067 | | | | | | | T |
| GL | 11. Description of Waste Materials | | | 12. Cor No. | ntainers Type | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments |
| N- | | IMPACT | ED SOILS | 001 | dir. | .53 ×2 | - 25 | |
| E R | a. NON-HAZARDOUS SEWAGE | d | n na sana sana sana kata sa | | | | | |
| A | WM Profile # 489225PAE | | | | | | | |
| T O | b. | | | Table Statistics | C HORING IC NO. | | | |
| R | WM Profile # | | | | | C. The first state of the second | | |
| | с. | | | | | | | |
| + | WM Profile #d. | | | | | | | |
| | WM Profile # | | | | | | | |
| ł | J. Additional Descriptions for Materials Lister | Above | | K. Dispo | sal Locatio | on | | |
| | | | | Cell Grid | | | | Level |
| | BILL TO: ENVIRONMENTAL W. | | | Griu | | | | |
| | 15. Special Handling Instructions and Addition | al Informatic | 11 | | | | | |
| | | | | | | | | |
| | Purchase Order # | | EMERGENCY CO | ONTACT / PH | HONE NO. | | | |
| | 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described mat | | the sector waster as de | ofined by CF | R Part 26 | 1 or any appli | cable state l | law, have been fully and |
| | I hereby certify that the above-described man accurately described, classified and packaged | and are in p | | | | | regulations. | Month Day |
| | Printed Name | 1 | Signature "On beh | half of " 1V | IIA- | BIT | | 1 /3 |
| | Tenzin Lhoundu | () | the | 20 | | | | 1 17 |
| T R | A 1 | pt of Materi | Signature | | 1 | | | Month Day |
| A N | Printed Name Almagu | ~ | Signature | fle | ナ | | | 1 13 |
| S P O | 18 Transporter 2 Acknowledgement of Recei | | | | / | | | Month Day |
| R T | Printed Name | | Signature | | | | | |
| E R | 1 | | | | | | | |
| F | 19. Certificate of Final Treatment/Disposal | unt facility + | hat to the hest of my know | wledge, the | above-de: | scribed waste | was manag | ged in compliance with a |
| A | and lice in the laws regulations nermits and lice | ises on the c | lates listed above. | | | | | |
| L | 20. Facility Owner or Operator: Certification | of receipt of | f non-hazardous materials | covered by | this mani | fest. | | Month Day |
| 1.1 | Printed Name | | Signature | | | | | 1 63 |
| Y | | | Blue- GENERATO | OR #2 COPY | | | Yellow- GEN | VERATOR #1 COPY |
| | White-TREATMENT, STORAGE, DISPOSAL FA | CILITY COPT | Dide Garters | | | | | |



Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING 14 BRICK KILN CT NORTHAMPTON, PA, 18067

| NORTHAMPTON, PA, 18067 | |
|---|--|
| Tkt Date 01/13/2021 Pay Type Credit Account Chk# Billing# 0000926 Acc Tons 115.79 Man Tk# PO# 111672 | Vehicle# 4 Volume Trailer# License# AU111V Driver Haul Tk# Dest |
| Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI EPA ID NA Manifest 000003 Route | Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT Waste # 506 Origin #/County NY/NEW YORK (State of),NY Origin Name NEW YORK Grid F3 01-13-21 |
| Scale-Cert Time Date Operator In 01/13/2021 09:38 FAIRLESS_LAB_ Out 01/13/2021 10:26 FAIRLESS_LANE B Donovan 8 | Operation Type-Inbound Inbound Gross 73360 lb Tare 28220 lb 6176 Net 45140 lb Tons 22.57 |
| Comments | |

| Prod | uct | LD% | Qty | UOM | Rate | Tax | Amount | Origin |
|------|------------------|-----|-------|------|------|-----|--------|--------|
| 1 | Cont Soil Sp. WT | 100 | 22.57 | Tons | | | | NY |

| Total | Tax | |
|-------|--------|--|
| Total | Ticket | |
| | | |

| | I-HAZA | | | | | -ES | | |
|--|--|--|-----------------|--|-----------------------------|----------------|-------------|----------|
| 1. Generato | r's US EPA ID No. | Manifest Doc N | 0. | 2. Page 1 c | of | | | |
| 3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101 | Generator's Site Add MATACD EAST SI MTA MID-DAY ST SUNNYSIDE YARE County: QUEE | DE ACCESS (2 & ORAGE D, QUEENS, NY 1 | 053 | A. Manifest Number 0000 WMNA B. State Generato | | | | |
| 4. Generator's Phone 631-332-9526 5. Transporter 1 Company Name CUENCA Coronce | 6. U | S EPA ID Number | | C. State Transporter's ID AUIII V#44 D. Transporter's Phone | | | | |
| 7. Transporter 2 Company Name | | S EPA ID Number | | 100000000000000000000000000000000000000 | ansporter's orter's Phon | | | |
| 9. Designated Facility Name and Site Address Fairless Landfills 1000 New Ford Mill Rd | 10. | US EPA ID Number | | G. State Fa | acility ID acility Phon | e | | |
| Morrisville, PA 19067 | | | | | | | | |
| 11. Description of Waste Materials | | 12. Con No. | tainers Type | 13. Total Quantity | 14. Unit Wt./Vol. | I. M | isc. Commer | nts |
| a. NON-HAZARDOUS SEWAGE IN Yud to | 001 | DT | 225 | | | | | |
| WM Profile # 489225PAE | | | | | | | | |
| b. WM Profile # C. | | | | | | | | |
| WM Profile # | | | | | | | | |
| d. | | | | | | | | |
| WM Profile # | | al Locatio | | | | | | |
| J. Additional Descriptions for Materials Listed Ab | ove | K. Dispos | | | | | | |
| BILL TO: ENVIRONMENTAL WAST | FE MINIMIZATION, IN | IC. Grid | | | | Level | | |
| 15. Special Handling Instructions and Additional Ir | formation | | | | | | | |
| Purchase Order # | EMERG | ENCY CONTACT / PH | ONE NO.: | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materia | ls are not hazardous wast | es as defined by CFF | Part 261 | or any applic | able state l | aw, have bee | n fully an | d |
| accurately described, classified and packaged and | l are in proper condition f | or transportation ac "On behalf of" | cording to | applicable re | egulations. | Month | Day | Year |
| Printed Name Tenzin Lhundup | | 1 All | M/A-CIP | | | | | 21 |
| 17. Transporter 1 Acknowledgement of Receipt of | f Materials | \sim | | | | | 13 | |
| Printed Name John Schorzan | folus | du Solozon Ot | | | | | Year JOH | |
| 18. Transporter 2 Acknowledgement of Receipt o Printed Name | • | | | Month | Day | Year | | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment for | on the dates listed above. | | 1000 | | vas manage | ed in complian | nce with a | Year |
| applicable laws, regulations, permits and licenses 20. Facility Owner or Operator: Certification of re Printer Name | Signature | \sim | | | | | | Teal |
| 20. Facility Owner or Operator: Certification of re | Signature | VERATOR #2 COPY | | | allow CTM | ERATOR #1 CC | 3 | |



Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING 14 BRICK KILN CT NORTHAMPTON, PA, 18067

| NORTHAMPTON, PA, 1806/ | |
|---|--|
| Tkt Date 01/13/2021 Pay Type Credit Account Chk# Billing# 0000926 Acc Tons 115.79 Man Tk# PO# 111672 | Vehicle# 65 Volume Trailer# License# AS469U Driver Haul Tk# Dest |
| Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI EPA ID NA Manifest 000004 Route | Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT Waste # 506 Origin #/County NY/NEW YORK (State of),NY Origin Name NEW YORK Grid F3 01-13-21 |
| Scale-Cert Time Date Operator In 01/13/2021 09:53 FAIRLESS_LAB_ Out 01/13/2021 10:29 FAIRLESS_LANE B Donovan 8 | Operation Type-Inbound Inbound Gross 72200 lb Tare 27940 lb Net 44260 lb Tons 22.13 |
| Comments | |

| Product | LD% | Qty | UOM | Rate | Tax | Amount | Origin |
|--------------------|-----|-------|------|------|-----|--------|--------|
| 1 Cont Soil Sp. WT | 100 | 22.13 | Tons | | | | NY |

| Total | Tax | |
|-------|--------|--|
| Total | Ticket | |
| | | |

| NON-HAZARDOUS MANIFEST | 1. Generator's US EF | PA ID No. | Manifest Doc | No. | 2. Page | 1 of | | | |
|---|---|-------------------------------|--------------------------------|--------------|--------------------------|---------------------------------|-----------|-------------|-----------|
| 3. Generator's Mailing Address: MTACC EAST SIDE ACCES 29-76 NORTHERN BLVD 5 | S MA | TACD EAST SII A MID-DAY ST | | 33 | | est Number | 000 | | |
| LONG ISLAND CITY, 1110 4. Generator's Phone 631-332 5. Transporter 1 Company Name | 1 Co | unty: QUEE | , QUEENS, NY : NS | 11101 | | D. State | Generato | or's ID | |
| 7. Transporter 2 Company Name | onel | | EPA ID Number EPA ID Number | | | Fransporter's porter's Phone | | | |
| AS 4640 # | F 6 S Address | | S EPA ID Number | | | ransporter's l orter's Phone | | | |
| Fáirless Landfills 1000 New Ford Mill Rd Morcisville, PA 19067 | | | | | G. State F H. State F | acility ID acility Phone | | | |
| 11. Description of Waste Materials | | | 12. Cor | tainers | 13. Total | 14. Unit | 1 | | |
| a. NON-HAZARDOUS SEV | HAGE IMPACTE | D SOILS | No. 001 | Type | Quantity | Wt./Vol. | 1. | Misc. Comm | nents |
| WM Profile # 489225PA | E | · Dra | | | | | | | |
| WM Profile # c. | | | | | | | | | |
| WM Profile # | | | | | | | | | Witz Witz |
| d. WM Profile # | | | | 21100123.000 | | | | | |
| J. Additional Descriptions for Material | ls Listed Above | | K. Disposa | Location | and the second | | | | |
| BILL TO: ENVIRONMENT | | | Cell | | | | Level | | |
| 15. Special Handling Instructions and Ad | dditional Information | IZATION, INC. | Grid | _ | | | | | |
| | | | | | | | | | |
| Purchase Order # 16. GENERATOR'S CERTIFICATE: | | EMERGENC | Y CONTACT / PHOP | NE NO.: | | | | | |
| hereby certify that the above-describe accurately described, classified and pac | d materials are not ha kaged and are in prop | zardous wastes a | s defined by CFR P | art 261 or | any applicab | le state law, | have bee | n fully and | d |
| TENZIN / hund | 11 | Signature "On | behalf of" M | TAe | 3A | | Month | Day | Year |
| 17. Transporter 1 Acknowledgement of | Receipt of Materials | hl | \rightarrow | | | | | 13 | 21 |
| Printed Maneul Cre | Spo | Signature | ault | re | nu | | Month | Day | Year |
| Transporter 2 Acknowledgement of I Printed Name | Receipt of Materials | Signature | | | | | Month | Day | Year |
| 9. Certificate of Final Treatment/Dispos | al | | | | | | | UU) | Tear |
| certify, on behalf of the above listed trea pplicable laws, regulations, permits and | atment facility, that to licenses on the dates I | | | | d waste was | managed in (| complianc | e with all | |
| 0. Facility Qweer or Operator: Certifical Printed Name | _ | Signature | ls covered by this | manifest. | / | | Month | A | Year |
| | FACILITY COPY | BINE- GENERAT | OR #2 COPY | | | w- GENERATO | U | | |



Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING 14 BRICK KILN CT NORTHAMPTON, PA, 18067

| NORTHAMPTON, PA, 18067 | |
|---|--|
| Tkt Date 01/13/2021 Pay Type Credit Account Chk# Billing# 0000926 Acc Tons 115.79 Man Tk# PO# 111672 | Vehicle# 05 Volume Trailer# License# au926u Driver Haul Tk# Dest |
| Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI EPA ID NA Manifest 000005 Route | Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT Waste # 506 Origin #/County NY/NEW YORK (State of),NY Origin Name NEW YORK Grid F3 01-13-21 |
| Scale-Cert Time Date Operator In 01/13/2021 09:55 FAIRLESS_LAB_ Out 01/13/2021 10:29 FAIRLESS_LANE B Donovan 8 | Operation Type-Inbound Inbound Gross 74700 lb Tare 28280 lb 6176 Net 46420 lb Tons 23.21 |
| Comments | |

| Product | LD% | Qty | UOM | Rate | Tax | Amount | Origin |
|--------------------|-----|-------|------|------|-----|--------|--------|
| 1 Cont Soil Sp. W7 | 100 | 23.21 | Tons | | | | NY |

| Total | Tax | |
|-------|--------|--|
| Total | Ticket | |
| | | |

| 1. Generator's US EPA I | U No. | Manifest Doc | No. | 2. Page 1 | of | | | |
|--|--|----------------------------|----------|--|--|-------------------|-------------|------------|
| 3. Generator's Mailing Address: Generator's Site Address MTACC EAST SIDE ACCESS MATACD EAST SIDE 29-76 NORTHERN BLVD 5 TH FL SUNNYSIDE YARD, Q LONG ISLAND CITY, 11101 County: QUEENS | | | \$033 | 1.2% | est Number /MNA B. State | 000 e Generato | | |
| CULHAR CORONIEL | 6. US EPA ID Number H.J.B.5D 8. US EPA ID Number | | | C. State Transporter's ID D. Transporter's Phone E. State Transporter's ID | | | | |
| A. Designated Facility Name and Site Address Fairless Landfills 1000 New Ford Mill Rd Morrisville, PA 19067 | 10. US EI | PA ID Number | | G. State F | orter's Phone acility ID acility Phone | | | |
| 11. Description of Waste Materials | | 12. Con | | | | | | |
| | 6011.6 | No. | Туре | 13. Total Quantity | 14. Unit Wt./Vol. | I. | Misc. Comm | ients |
| a. NON-HAZARDOUS SEWAGE IMPACTED Year to Norther B WM Profile # 489225PAE | suils | 001 | DT | (T ^{**} ,') | á | | | |
| b. WM Profile # 5. | | | | | | | | |
| VM Profile # I. VM Profile # | | | | | | | | • |
| Additional Descriptions for Materials Listed Above BILL TO: ENVIRONMENTAL WASTE MINIMIZA 5. Special Handling Instructions and Additional Information | ATION, INC. | K. Disposa Cell Grid | Location | | | Level | 1 | |
| Purchase Order # 6. GENERATOR'S CERTIFICATE: hereby certify that the above-described materials are not hazar ccurately described, classified and packaged and are in proper or inited Name | EMERGENCY C | fined by CED D | | any applicab | le state law, | , have beer | n fully and | d |
| Printed Name Printed Name PA214 Lhunduf 7. Transporter 1 Acknowledgement of Receipt of Materials | Signature "On beh | half of" | TTA - 0 | plicable regi ESA | ulations. | Month] | Day 13 | Year 2/ |
| Drinted News | Signature E. | THU A | ÚĹ. | 7 | | Month OL | Day 23 | Year 21 |
| Printed Name | Signature | | | | | Month | Day | Year |
| Certificate of Final Treatment/Disposal ertify, on behalf of the above listed treatment facility, that to the plicable laws, regulations, permits and licenses on the dates liste A Facility Owner or Operator: Certification of receipt of non-haz Print Many | above. | | | d waste was | managed in | | e with all | |
| MUUC | N | 2 | | | | Month | 3 | Year |
| hite- TREATMENT, STORAGE, DISPOSAL FACILITY COPY | Blee- GENERATOR | #2 COPY | | Vello | w- GENERAT | DP #1 COD | py | U |



Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING 14 BRICK KILN CT NORTHAMPTON, PA, 18067

| NORTHAMPTON, PA, 18067 | |
|---|--|
| Tkt Date 01/13/2021 Pay Type Credit Account Chk# Billing# 0000926 Acc Tons 170.46 Man Tk# PO# 111672 | Vehicle# 13 Volume Trailer# License# AU883L Driver Haul Tk# Dest |
| Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI EPA ID NA Manifest 000006 Route | Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT Waste # 506 Origin #/County NY/NEW YORK (State of),NY Origin Name NEW YORK Grid F3 01-13-21 |
| Scale-Cert Time Date Operator In 01/13/2021 14:35 FAIRLESS_LAB_ Out 01/13/2021 15:03 FAIRLESS_LANE B Donovan 8 Comments | Operation Type-Inbound Inbound Gross 83180 lb Tare 28160 lb 6176 Net 55020 lb Tons 27.51 |

| Prod | uct | LD% | Qty | UOM | Rate | Tax | Amount | Origin |
|------|------------------|-----|-------|------|------|-----|--------|--------|
| 1 | Cont Soil Sp. WT | 100 | 27.51 | Tons | | | | NY |

| Total | Tax | |
|-------|--------|--|
| Total | Ticket | |
| | | |

| NON-HAZARDOUS MANIFEST | s US EPA ID No. | Manifest Doc I | No. | 2. Page 1 | of | | | |
|--|---|------------------------------|-----------------|--|------------------------------|-------------------------------|-------------|-----------|
| 3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101 | MATACD EAST SIDE A MTA MID-DAY STORA | YSIDE YARD, QUEENS, NY 11101 | | | st Number MNA B. State | 0000 Generator | | |
| 4. Generator's Phone 631-332-9526 5. Transporter 1 Company Name Genera Grand # 13 | | ID Number | | | ransporter's orter's Phon | enero. | | een F |
| 7. Transporter 2 Company Name AV BB3 L 9. Designated Facility Name and Site Address | | ID Number | | E. State Transporter's ID F. Transporter's Phone G. State Facility ID H. State Facility Phone | | | | |
| Fairless Landfills 1000 New Ford Mill Rd | 10. US EP/ | A ID Number | | | | | | |
| Morrisville, PA 19067 | | | | | | | | |
| 11. Description of Waste Materials | | 12. Cor No. | tainers Type | 13. Total Quantity | 14. Unit Wt./Vol. | 1.1 | Aisc. Comme | nts |
| a. NON-HAZARDOUS SEWAGE IMF | Noten Block | 001 | 57 | 211 | | | | |
| WM Profile # 489225PAE | | | | | | | | |
| b. WM Profile # c. | | | | | | | | |
| WM Profile # | | | | | and the second second | | | |
| d. | | | | | | Construction for the state of | | |
| WM Profile # | | | 1.1.1 | | | | | |
| J. Additional Descriptions for Materials Listed Abov | e | K. Disposi | al Location | 1 | | | | |
| BILL TO: ENVIRONMENTAL WASTE | | Cell | | | | Level | | |
| 15. Special Handling Instructions and Additional Infor | | Grid | | | | | | |
| Purchase Order # | EMERGENCY C | ONTACT / PHO | ONE NO.: | | | | | |
| 16. GENERATOR'S CERTIFICATE: | | | | | | | | |
| I hereby certify that the above-described materials a | | | | | | v, have bee | n fully and | ł |
| accurately described, classified and packaged and an Printed Name | Signature "On bel | | TA- | Applicable rep | guiations. | Month | Day | Year |
| Temm (hundur | L | d | 5- | \supset | | 01 | 13 | 21 |
| 17. Transporter 1 Acknowledgement of Receipt of Ma | aterials | , | 9 | | | | | -/ |
| Rolando Jimenez | Signature | N |) | | | Month | Day 13 | Year 2 |
| Transporter 2 Acknowledgement of Receipt of Ma Printed Name | Signature | | | | | Month | Day | Year |
| | Signature | | | | | | | , aut |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facili | he dates listed above. | | | | as managed | in complian | ce with all | |
| applicable laws, regulations, permits and licenses on t | or or non-nazaroous materials | covered by th | is manifes | | | Month | Daw | Year |
| applicable laws, regulations, permits and licenses on t 20. Facility wher or Operator: Certification of receip | | \sim | | 1.654 | | | Udy | a icai |
| applicable laws, regulations, permits and licenses on t | Signature | \wedge | \subseteq | | | T | l | 5 7 |



Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING 14 BRICK KILN CT NORTHAMPTON, PA, 18067

| NORTHAMPTON, PA, 18067 | |
|---|--|
| Tkt Date 01/13/2021 Pay Type Credit Account Chk# Billing# 0000926 Acc Tons 170.46 Man Tk# PO# 111672 | Vehicle# 47 Volume Trailer# License# Driver Haul Tk# Dest |
| Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI EPA ID NA Manifest 000007 Route | Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT Waste # 506 Origin #/County NY/NEW YORK (State of),NY Origin Name NEW YORK Grid F3 01-13-21 |
| Scale-Cert Time Date Operator In 01/13/2021 14:36 FAIRLESS_LAB_ Out 01/13/2021 15:02 FAIRLESS_LANE B Donovan 8 | Operation Type-Inbound Inbound Gross 82960 lb Tare 28640 lb 6176 Net 54320 lb Tons 27.16 |
| Comments | |

| Product | LD% | Qty | UOM | Rate | Tax | Amount | Origin |
|--------------------|-----|-------|------|------|-----|--------|--------|
| 1 Cont Soil Sp. WT | 100 | 27.16 | Tons | | | | NY |

| Total | Tax | |
|-------|--------|--|
| Total | Ticket | |
| | | |

| 1. Generator's | JS EPA ID No. | Manifest Doc No | b . | 2. Page 1 c | of | | |
|---|--|---------------------------|---------------|---|-------------------------------|---------------------------|--|
| NON-HAZARDOUS MANIFEST | Generator's Site Addres | s (If different than mail | ling): 133 | A. Manifes | st Number | 000007 | |
| MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL ONG ISLAND CITY, 11101 | MTA MID-DAY STO SUNNYSIDE YARD, County: QUEEN | RAGE QUEENS, NY 11 | | | | Generator's ID | |
| . Transporter 1 Company Name | ybh | PA ID Number | | C. State Transporter's ID D. Transporter's Phone | | | |
| 7. Transporter 2 Company Name 47 - A321 | 11A- 051 | EPA ID Number | | | ransporter's orter's Phone | | |
| 9. Designated Facility Name and Site Address Fairless Landfills 1000 New Ford Mill Rd | 10. 03 | EFA ID Nullibei | - | G. State F H. State F | acility ID acility Phone | e | |
| Morrisville, PA 19067 | | | | | T | | |
| 11. Description of Waste Materials | | 12. Cor No. | Type | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments | |
| a. NON-HAZARDOUS SEWAGE IMP | PACTED SOILS | 001 | 10 | 80.21 | | | |
| WM Profile # 489225PAE | | | | | | | |
| b. WM Profile # | | | | | | | |
| C. | | | | | | | |
| WM Profile # d. | | | | | | | |
| WM Profile # | | | | | | a set a set a | |
| J. Additional Descriptions for Materials Listed Abov | re | K. Dispos | al Location | n | | | |
| BILL TO: ENVIRONMENTAL WASTE | AUNINALZATION INC | Cell Grid | | | | Level | |
| 15. Special Handling Instructions and Additional Info | | | ONENO | | | | |
| Purchase Order # | EMERGEN | ICY CONTACT / PH | ONE NO.: | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials accurately described, classified and packaged and a Printed Name | are not hazardous wastes re in proper condition for Signature "C | transportation at | R Part 261 | or any applicable $T = \frac{1}{2}$ | cable state I regulations. | aw, have been fully and | |
| 17. Transporter 1 Acknowledgement of Receipt of N Printed Name | 1aterials | 10 | X | | | Month Day Yes | |
| 18. Transporter 2 Acknowledgement of Receipt of N | Vaterials | pa | \mathcal{T} | | | Month Day Yea | |
| Printed Name | Signature | | | | | | |
| an a sife to final Treatment/Disposal | lity, that to the best of my | / knowledge, the a | | | was manag | ed in compliance with all | |
| Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment faci applicable laws, regulations, permits and licenses or Facility Owner or Operator: Certification of record | nint of non-bazardous mat | eruls covered by | this manife | est. | | | |



Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING 14 BRICK KILN CT NORTHAMPTON, PA, 18067

| NORTHAMPTON, PA, 18067 | |
|--|--|
| Tkt Date 01/13/2021 | Vehicle# 4 Volume |
| Pay Type Credit Account Chk# | Trailer# |
| Billing# 0000926 | License# AU111V |
| Acc Tons 248.79 | Driver |
| Man Tk# | Haul Tk# |
| PO# 111672 | Dest |
| Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI EPA ID NA Manifest 000008 Route | Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT Waste # 506 Origin #/County NY/NEW YORK (State of),NY Origin Name NEW YORK Grid F3 01-13-21 |
| Scale-Cert | Operation Type-Inbound |
| Time Date Operator | Inbound Gross 80220 lb |
| In 01/13/2021 14:43 FAIRLESS_LAB_ | Tare 28000 lb |
| Out 01/13/2021 15:04 FAIRLESS_LANE B Donovan 8 | 6176 Net 52220 lb |
| | Tons 26.11 |

| Prod | uct | LD% | Qty | UOM | Rate | Tax | Amount | Origin |
|------|------------------|-----|-------|------|------|-----|--------|--------|
| 1 | Cont Soil Sp. WT | 100 | 26.11 | Tons | | | | NY |

| Total | Tax | |
|-------|--------|--|
| Total | Ticket | |
| | | |

| 1. Generator's US EPA NON-HAZARDOUS MANIFEST | A ID No. M | anifest Doc N | lo. | 2. Page 1 0 | ot 👔 | | | | |
|--|---|----------------|-----------------|---|-----------------------------|--|--------------|------------|--|
| Generator's Mailing Address: ATACC EAST SIDE ACCESS 9-76 NORTHERN BLVD 5 TH FL | erator's Site Address (#6 TACD EAST SIDE AC A MID-DAY STORAG INYSIDE YARD, QUE | 033 | A. Manife: | MNA | 00000 | | | | |
| a construction and a second second | unty: QUEENS | | | | | | | | |
| . Generator's Phone 631-332-9526 . Transporter 1 Company Name Altence Altence | 6. US EPA I | D Number | | C. State Transporter's ID AUT | | | | 14ty | |
| Transporter 2 Company Name | 8. US EPA I | D Number | | E. State Transporter's ID F. Transporter's Phone | | | | | |
| Designated Facility Name and Site Address airless Landfills 900 New Ford Mill Rd | 10. US EPA | ID Number | | G. State Fi H. State Fi | acility ID acility Phone | 2 | | | |
| Aorrisville, PA 19067 | | | | | | | | | |
| 1. Description of Waste Materials | | 12. Cor No. | tainers Type | 13. Total Quantity | 14. Unit Wt./Vol. | I. N | Aisc. Commer | nts | |
| NON-HAZARDOUS SEWAGE IMPACT Yed Lo Northen Blue VM Profile # 489225PAE | ED SOILS | 001 | 07 | 164.2% | i Par | | | | |
| | | | | | and the second second | | | | |
| VM Profile # VM Profile # | | | | | 1.12 | | | | |
| VM Profile # Additional Descriptions for Materials Listed Above | | K. Dispos | al Location | | 0 | and a second | | | |
| | | Cell | | | | Level | | | |
| SILL TO: ENVIRONMENTAL WASTE MINIF 5. Special Handling Instructions and Additional Information | | Grid | | | | | | | |
| urchase Order # | EMERGENCY CO | NTACT / PH | ONE NO.: | | | | | | |
| GENERATOR'S CERTIFICATE: hereby certify that the above-described materials are not ccurately described, classified and packaged and are in pro- | hazardous wastes as de | fined by CFF | Part 261 | or any applica | able state la | w, have bee | n fully an | d | |
| Tenzik Lhundul | Signature "On beh | alf of" | MI | A-E | 5.f) | Month | Day 13 | Year 2 | |
| 7. Transporter 1 Acknowledgement of Receipt of Materials Printed Name John Solorgann 8. Transporter 2 Acknowledgement of Receipt of Materials | Signature | len E | Glor | zera | | Month 01 | Day 13 | Year 21 | |
| | Signature | | | | | Month | Day | Year | |
| Printed Name | Signature | | | | | | 1 | | |
| Printed Name 9. Certificate of Final Treatment/Disposal certify, on behalf of the above listed treatment facility, that upplicable laws, regulations, permits and licenses on the dat | t to the best of my know es listed above. | | | | vas manage | d in compliar | nce with a | 1 | |
| Printed Name 9. Certificate of Final Treatment/Disposal certify, on behalf of the above listed treatment facility, that | t to the best of my know es listed above. | | | | vas manage | d in compliar | nce with a | Year | |



Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING 14 BRICK KILN CT NORTHAMPTON, PA, 18067

| NORTHAMPTON, PA, 18067 | |
|---|--|
| Tkt Date 01/13/2021 Pay Type Credit Account Chk# Billing# 0000926 Acc Tons 248.79 Man Tk# PO# 111672 | Vehicle# 65 Volume Trailer# License# AS469U Driver Haul Tk# Dest |
| Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI EPA ID NA Manifest 000009 Route | Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT Waste # 506 Origin #/County NY/NEW YORK (State of),NY Origin Name NEW YORK Grid F3 01-13-21 |
| Scale-Cert Time Date Operator In 01/13/2021 14:45 FAIRLESS_LAB_ Out 01/13/2021 15:05 FAIRLESS_LANE B Donovan 8 | Operation Type-Inbound Inbound Gross 80760 lb Tare 27620 lb 6176 Net 53140 lb Tons 26.57 |
| Comments | |

| Prod | uct | LD% | Qty | UOM | Rate | Tax | Amount | Origin |
|------|------------------|-----|-------|------|------|-----|--------|--------|
| 1 | Cont Soil Sp. WT | 100 | 26.57 | Tons | | | | NY |

| Total | Tax | |
|-------|--------|--|
| Total | Ticket | |
| | | |

| | N-HAZA erator's US EPA ID No. | Manifest D | oc No. | 2. Page | | LUI |
|---|--|------------------------|--------------------|--------------------------|---------------------------------|--------------------|
| 3. Generator's Mailing Address: | Generator's Site Add | ress (If different tha | n mailing): | A . N. A. | | |
| MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL | MTA MID-DAY ST | DE ACCESS 🖉 | 0033 | | ifest Number WMNA | 000009 |
| LONG ISLAND CITY, 11101 | SUNNYSIDE YARD | , QUEENS, NY | (11101 | | B. Stat | e Generator's ID |
| 4. Generator's Phone 631-332-9526 5. Transporter 1 Company Name | County: QUEE | NS | | | | |
| venca Corono, | 0 6. US | EPA ID Number | | | | |
| 7. Transporter 2 Company Name | 8. US | EPA ID Number | | C. State D. Trans | Transporter's porter's Phone | ID e |
| 9. Designated Facility Name and Site Address | 65 | and the Number | | E. State | Transporter's | ID |
| Fairless Landfills | 10. US | EPA ID Number | 1 | | orter's Phone | |
| 1000 New Ford Mill Rd | | | | G. State I H. State I | acility ID acility Phone | |
| Morrisville, PA 19067 | | | | | denity i none | |
| 1. Description of Waste Materials | | 12. Co No. | ntainers Type | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments |
| NON-HAZARDOUS SEWAGE I | MPACTED SOILS | 001 | \tilde{c}^{τ} | 21.53 | Wt./VOI. | in mac. comments |
| /M Profile # 489225PAE | | | | | | |
| /M Profile # | | | | | | |
| M Profile # | | | | | | |
| | | | | | | |
| M Profile # Additional Descriptions for Materials Listed Ab | ove | | | | | |
| | | K. Disposa | l Location | | | |
| ILL TO: ENVIRONMENTAL WAST Special Handling Instructions and Additional Inf | E MINIMIZATION, INC. | Cell Grid | | | 1 | Level |
| | ormation | | | | | |
| chase Order # | EMEDOENOU | | | | | |
| GENERATOR'S CERTIFICATE: | | ONTACT / PHON | | | | |
| reby certify that the above-described materials irately described, classified and packaged and a ted Name | are not hazardous wastes as d re in proper condition for tran | efined by CFR Pa | art 261 or a | ny applicable | e state law, ha | ave been fully and |
| nzin Lhundu (| Signature "On bel | alf of" | MT | AE | ations. | Month Day Year |
| Transporter 1 Acknowledgement of Receipt of M | laterials | -0 |) / | | | 0/ 13 21 |
| rinted Name AUL Crespi | | rell | in | Ð | | Month Day Year |
| Transporter 2 Acknowledgement of Receipt of M rinted Name | | | | | | 1 13 21 |
| | Signature | | | | - | Month Day Year |
| ertificate of Final Treatment/Disposal | | | | | | |
| ify, on behalf of the above listed treatment facilitable laws, regulations, permits and licenses on t | he dates listed above. | edge, the above | -described | waste was m | nanaged in cor | mpliance with all |
| acility Owner or Operator: Certification of receip | ot of non-hazardous materials c Signature | overed by this m | anifest. | | | |
| | PY Blue- GENERATOR | | | | N | Month Day Year |



FAIRLESS LANDFILL FAIRLESS LANDFILL1000 New Ford Mill Road1000 New Ford Mill Road1000 New Ford Mill Road1000 New Ford Mill Road Morrisville, PA, 19067

Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING 14 BRICK KILN CT NORTHAMPTON, PA, 18067

| NORTHAMPTON, PA, 18067 | |
|---|--|
| Tkt Date 01/13/2021 Pay Type Credit Account Chk# Billing# 0000926 Acc Tons 248.79 Man Tk# PO# 111672 | Vehicle# 05 Volume Trailer# License# au926u Driver Haul Tk# Dest |
| Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI EPA ID NA Manifest 000010 Route | Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT Waste # 506 Origin #/County NY/NEW YORK (State of),NY Origin Name NEW YORK Grid F3 01-13-21 |
| Scale-Cert Time Date Operator In 01/13/2021 14:47 FAIRLESS_LAB_ Out 01/13/2021 15:06 FAIRLESS_LANE B Donovan 8 Comments | Operation Type-Inbound Inbound Gross 79200 lb Tare 27900 lb 6176 Net 51300 lb Tons 25.65 |

| Prod | uct | LD% | Qty | UOM | Rate | Tax | Amount | Origin |
|------|------------------|-----|-------|------|------|-----|--------|--------|
| 1 | Cont Soil Sp. WT | 100 | 25.65 | Tons | | | | NY |

Total Tax Total Ticket _____

| 1. Generator's US EP NON-HAZARDOUS MANIFEST | A ID No. | Manifest Doc N | 0. | 2. Page 1 c | IT | | | |
|---|---|-----------------------|----------------|----------------------------|--------------------------------|--------------|-------------|----------------|
| 3. Generator's Mailing Address: | nerator's Site Addre | E ACCESS | iling): Q33 | A. Manifes | t Number | 00001 | 0 | |
| 29-76 NORTHERN BLVD 5 TH FL | TA MID-DAY STO NNYSIDE YARD, ounty: QUEEN | ORAGE QUEENS, NY 1 | | | B.84.0000 | Generator's | D | |
| 4. Generator's Phone 631-332-9526 | | | | and the second second | | | | and the second |
| 5. Transporter 1 Company Name | 6. US | EPA ID Number | \mathcal{O} | | ansporter's I orter's Phone | | | |
| 7. Transporter 2 Company Name | 8. US | EPA ID Number | | | ansporter's I orter's Phone | | | |
| 9. Designated Facility Name and Site Address Fairless Landfills | 10. U | S EPA ID Number | | G. State Fi H. State Fi | acility ID acility Phone | | | |
| (1000 New Ford Mill Rd Morrisville, PA 19067 | | | | | | | | |
| 11. Description of Waste Materials | | | ntainers | 13. Total Quantity | 14. Unit Wt./Vol. | I. M | isc. Commer | nts |
| a. NON-HAZARDOUS SEWAGE IMPACT | TED SOILS | No. 001 | Type | | | | | |
| WM Profile # 489225PAE | | | | | | | | |
| b. WM Profile # C. | | | | | | | | |
| WM Profile # | | | | | | | | |
| u. WM Profile # | | | | | | | | |
| J. Additional Descriptions for Materials Listed Above | | K. Dispos | al Location | I | | | | |
| BILL TO: ENVIRONMENTAL WASTE MIN | | Cell Grid | | | | Level | | |
| 15. Special Handling Instructions and Additional Informatic | | | | | | | | |
| Purchase Order # 16. GENERATOR'S CERTIFICATE: | EMERGEN | ICY CONTACT / PH | ONE NO.: | | | | | |
| I hereby certify that the above-described materials are no | t hazardous wastes | as defined by CFF | Part 261 | or any applica | able state lav | v, have beer | n fully and | ł |
| accurately described, classified and packaged and are in p Printed Name | Signature "Ø | | cording to | applicable re | gulations. | Month | Day | Y |
| Tenzin Lhoyder | Ald | X | Din | 11-t | 51) | 01 | 13 | 2 |
| 17. Transporter 1 Acknowledgement of Receipt of Materia | ls | V | | | | | | / |
| Printed Name COISON AWARE | Signature | E.A | URI | 62 | | Month 01 | Day 13 | Y |
| 18. Transporter 2 Acknowledgement of Receipt of Materia | | | | | | Marrah | Dev | |
| Printed Name | Signature | | | | | Month | Day | Y |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, the applicable laws, regulations, permits and licenses on the da | | knowledge, the al | oove-descr | ibed waste w | as managed | in complian | ce with al | I |
| 20. Facility Owner or Operator: Certification of receipt of r | | erials covered by t | nis manifes | t. | | | | |
| PrintedName | Signature | n | | | | Month | 13 | Š |
| White-treatment, STORAGE, DISPOSAL FACILITY COPY | Blue- GENER | RATOR #2 COPY | | Ye | llow- GENER | ATOR #1 CO | PY | |



Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING 14 BRICK KILN CT NORTHAMPTON, PA, 18067

| NORTHAMPION, PA, 18067 | |
|---|--|
| Tkt Date 01/14/2021 Pay Type Credit Account Chk# Billing# 0000926 Acc Tons 24.56 Man Tk# PO# 111672 | Vehicle# 13 Volume Trailer# License# AU883L Driver Haul Tk# Dest |
| Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI EPA ID NA Manifest 000011 Route | Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT Waste # 506 Origin #/County NY/NEW YORK (State of),NY Origin Name NEW YORK Grid F3 01-14-21 |
| Scale-Cert Time Date Operator In 01/14/2021 08:53 FAIRLESS_LAB_ Out 01/14/2021 10:10 FAIRLESS_LANE B Donovan 8 Comments | Operation Type-Inbound Inbound Gross 77480 lb Tare 28360 lb 6176 Net 49120 lb Tons 24.56 |
| | |

| Prod | uct | LD% | Qty | UOM | Rate | Tax | Amount | Origin |
|------|------------------|-----|-------|------|------|-----|--------|--------|
| 1 | Cont Soil Sp. WT | 100 | 24.56 | Tons | | | | NY |

| Total | Tax | |
|-------|--------|--|
| Total | Ticket | |
| | | |

| NON-HAZARDOUS MANIFEST | 1. Generator's US EP | A ID No. | Manifest Doo | No. | 2. Page | 1 of | EST | |
|---|--|---|-------------------------------------|---------------------------|--------------------------|------------------------------|---|--|
| 3. Generator's Mailing Address: MTACC EAST SIDE ACCESS | , MA | TACD EAST SI | ress (If different than DE ACCESS C | nailing): 2033 | | fest Number | 000011 | |
| 29-76 NORTHERN BLVD 5 LONG ISLAND CITY, 11101 4. Generator's Phone 631-332 5. Transporter 1 Company Name | FL SUP | A MID-DAY ST INYSIDE YARD unty: QUEE | ORAGE , QUEENS, NY | | | | Generator's ID | |
| Genca Gran | el #13 | 6. US | EPA ID Number | | | Transporter's | | |
| AU 883 | | 8. US | EPA ID Number | | | oorter's Phone | | |
| Designated Facility Name and Site A | ddress | 10. U | S EPA ID Number | | | orter's Phone | | |
| airless Landfills 0 00 New Fo rd Mill Rd | | | | | G. State F H. State F | acility ID acility Phone | | |
| Norrisville, PA 19067 | | | | | | | | |
| L Description of Waste Materials | | | 12. Con No. | ntainers Type | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments | |
| NON-HAZARDOUS SEW | | D SOILS | 001 | D. | 181 cm | WL/VDI. | | |
| M Profile # 489225PA | - | | | | | | | |
| M Profile # | | | No constant of the | | | | | |
| M Profile # | | | | | | | | |
| M Profile # | | | | | | | | |
| Additional Descriptions for Materials | Listed Above | | K. Disposa | l Location | | | | |
| | | | Cell | | | Level | | |
| ILL TO: ENVIRONMENTA Special Handling Instructions and Add | L WASTE MINIMI | ZATION, INC. | Grid | | | | Level | |
| | | | | | | | | |
| chase Order # GENERATOR'S CERTIFICATE: | | EMERGENC | Y CONTACT / PHO | NE NO.: | | | | |
| reby certify that the above-described urately described, classified and pack | materials are not has aged and are in prope | ardous wastes as r condition for tr Signature "On I | ansportation acco | art 261 or rding to ap | any applicat | le state law, l ulations. | have been fully and | |
| Tenzin Lhung | dif | | | 3MI | 17-69 | A | Month Day Yea | |
| Transporter 1 Acknowledgement of R | eceipt of Materials | | -07 | | | | 1 14 2 | |
| Zolando J | imener? | Signature | 17 | | | | Month Day Year | |
| Transporter 2 Acknowledgement of Re | | / | \sim | | | | 1142 | |
| Printed Name | | Signature | | | | - | Month Day Year | |
| Certificate of Final Treatment/Disposa tify, on behalf of the above listed treat icable laws, regulations, permits and li | ment facility, that to t | he best of my kno | owledge, the abov | e-describe | d waste was | managed in c | ompliance with all | |
| cable laws, regulations, permits and li Facility Owner or operator. Certificati | censes on the dates it. | sieu abuve. | | | | | and a second contraction of the second se | |
| rinted Name | | Signature // | | mannest. | | | Month Day Year | |



Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING 14 BRICK KILN CT NORTHAMPTON, PA, 18067

| NORTHAMPTON, PA, 1806/ | |
|---|--|
| Tkt Date 01/14/2021 Pay Type Credit Account Chk# Billing# 0000926 Acc Tons 124.80 Man Tk# PO# 111672 | Vehicle# 4 Volume Trailer# License# AU111V Driver Haul Tk# Dest |
| Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI EPA ID NA Manifest 000013 Route | Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT Waste # 506 Origin #/County NY/NEW YORK (State of),NY Origin Name NEW YORK Grid F3 01-14-21 |
| Scale-Cert Time Date Operator In 01/14/2021 09:10 FAIRLESS_LAB_ Out 01/14/2021 10:16 FAIRLESS_LANE B Donovan 8 Comments | Operation Type-Inbound Inbound Gross 79600 lb Tare 28200 lb 6176 Net 51400 lb Tons 25.70 |
| | |

| Prod | uct | LD% | Qty | UOM | Rate | Tax | Amount | Origin |
|------|------------------|-----|-------|------|------|-----|--------|--------|
| 1 | Cont Soil Sp. WT | 100 | 25.70 | Tons | | | | NY |

| Total | Tax | |
|-------|--------|--|
| Total | Ticket | |
| | | |

| | NON-HAZARDOUS MANIFEST | 1. Generator's | US EPA ID No. | Manifest Doo | c No. | 2. Page 1 | of 1 | | - | |
|---------------------------------|---|---|--|--|--|---|------------------------------|--------------|--|------------------------------|
| | 3. Generator's Mailing Address: MTACC EAST SIDE ACCE 29-76 NORTHERN BLVD LONG ISLAND CITY, 1110 | 5 th FL | TH FL MTA MID-DAY STORAGE 10035 | | | | | 0000 | | |
| | | 4. Generator's Phone 631-332-9526 | | | | | | | | |
| | Cuencer Coronel T | withing | 6. US | PA ID Number | | | ransporter's | 1 | 11 1 7 | ty |
| | 7. Transporter 2 Company Name | 0 | | PA ID Number | | | orter's Phon ransporter's | | | |
| | 9. Designated Facility Name and Sit | e Address | 10. US | EPA ID Number | | | orter's Phone | 9 | | |
| | 1000 New Ford Mill Rd | 00 New Ford Mill Rd | | | | | acility ID acility Phone | | | |
| G E | Morrisville, PA 19067 11. Description of Waste Materials | | | 12.00 | ontainers | 13. Total | 14. Unit | | | |
| N E R | a. NON-HAZARDOUS S | EWAGE IMPA | CTED SOILS | No. 001 | Type | Quantity | Wt./Vol. | 1.1 | Misc. Comme | ents |
| A T | WM Profile # 489225P | | and the or | | | | | | en al composition de la composition de La composition de la c | |
| O R | b. WM Profile # | | | | | | | | | |
| | c. WM Profile # | | | | | | | | | |
| | | | | | | | Constant Production | | | |
| | d. WM Profile # | | | | | | | | | |
| | WM Profile # J. Additional Descriptions for Mate | | | | sal Location | | | | | |
| | WM Profile # J. Additional Descriptions for Mate | | INIMIZATION, INC. | K. Dispos Cell Grid | sal Location | | | Level | | |
| | WM Profile # | NTAL WASTE M | | Cell | Location | | | Level | | |
| - | WM Profile # J. Additional Descriptions for Mater BILL TO: ENVIRONMEN | NTAL WASTE M | ition | Cell | | | | Level | | |
| | WM Profile # J. Additional Descriptions for Mater BILL TO: ENVIRONMEN 15. Special Handling Instructions and Purchase Order # 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-descr | NTAL WASTE M I Additional Informa | EMERGENC | Cell Grid | ONE NO.: | r any applica | ble state law | | n fully and | |
| | WM Profile # J. Additional Descriptions for Mate BILL TO: ENVIRONMEN 15. Special Handling Instructions and Purchase Order # 16. GENERATOR'S CERTIFICATE: | NTAL WASTE M I Additional Informa | EMERGENC | Cell Grid CONTACT / PHO | ONE NO.: | r any applica | ble state law | | - | 1 |
| - | WM Profile # J. Additional Descriptions for Mater BILL TO: ENVIRONMEN 15. Special Handling Instructions and Purchase Order # 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-descri accurately described, classified and p Printed Name TEM2th WMM (| NTAL WASTE M I Additional Informa ribed materials are packaged and are in W | EMERGENC Definition for tr Signature "On l | Cell Grid CONTACT / PHO | ONE NO.: | r any applica | ble state law gulations. | r, have been | n fully and | d Yea |
| R A N | WM Profile # J. Additional Descriptions for Mater BILL TO: ENVIRONMEN 15. Special Handling Instructions and Purchase Order # 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-descr accurately described, classified and p Printed Name 2 | NTAL WASTE M I Additional Informa ribed materials are packaged and are in W | EMERGENC not hazardous wastes at n proper condition for tr Signature "On l rials | Cell Grid CONTACT / PHO defined by CFR ansportation acc pehalf of" | ONE NO.: Part 261 o cording to a | r any applica | ble state law gulations. | r, have been | - | Yea 2 Yea |
| T R A N S P O R T - | WM Profile # J. Additional Descriptions for Mater BILL TO: ENVIRONMEN 15. Special Handling Instructions and Purchase Order # 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-description of the printed Name Printed Name TEN2th Mand (17. Transporter 1 Acknowledgement) | Additional Information I Additional Information I Additional Information I Additional Information I I Additional Information I Additional Informat | EMERGENC not hazardous wastes an proper condition for tr Signature "On rials Signature | Cell Grid CONTACT / PHO defined by CFR ansportation acc pehalf of" | ONE NO.: Part 261 o cording to a | r any applica applicable reg 11A - ES | ble state law gulations. | /, have been | Day 14 Day | Yea 2 |
| | WM Profile # J. Additional Descriptions for Mater BILL TO: ENVIRONMEN 15. Special Handling Instructions and Purchase Order # 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-descr accurately described, classified and p Printed Name Tenze M 17. Transporter 1 Acknowledgement Printed Name 18. Transporter Acknowledgement Printed Name | Additional Information diadditional Information dibed materials are packaged and are in the second distribution of Receipt of Mate | EMERGENC not hazardous wastes at n proper condition for tr Signature "On l rials | Cell Grid CONTACT / PHO defined by CFR ansportation acc pehalf of" | ONE NO.: Part 261 o cording to a | r any applica applicable reg 11A - ES | ble state law gulations. | I, have been | Day 14 Day 14 | Yea 2 Yea 2 |
| R A N SS P D R F A A | WM Profile # J. Additional Descriptions for Mater BILL TO: ENVIRONMEN 15. Special Handling Instructions and Purchase Order # 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-description of the above-de | Additional Information d Additional Informatio | EMERGENCE not hazardous wastes at 1 proper condition for tr Signature "On l rials Signature rials Signature that to the best of my kn dates listed above. | Cell Grid Grid CONTACT / PHO adefined by CFR ansportation acc rehalf of" | ONE NO.: Part 261 o cording to a M 200 m 200 m ove-describ | r any applica applicable reg TA - C pure pure bed waste wa | gulations. | /, have beer | Day / G Day PA Day | Yea 2 Yea 2/ Yea |
| R A N S P O R T E R | WM Profile # J. Additional Descriptions for Mater BILL TO: ENVIRONMEN 15. Special Handling Instructions and Purchase Order # 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-description of the above-description of the above-description of the above-description of the above description of the above de | Additional Information d Additional Informatio | EMERGENCE not hazardous wastes at 1 proper condition for tr Signature "On l rials Signature rials Signature that to the best of my kn dates listed above. | Cell Grid Grid CONTACT / PHO adefined by CFR ansportation acc rehalf of" | ONE NO.: Part 261 o cording to a M 200 m 200 m ove-describ | r any applica applicable reg TA - C pure pure bed waste wa | gulations. | /, have beer | Day / G Day PA Day | Yea 2 Yea 2/ Yea |



FAIRLESS LANDFILL FAIRLESS LANDFILL1000 New Ford Mill Road1000 New Ford Mill Road1000 New Ford Mill Road1000 New Ford Mill Road Morrisville, PA, 19067

Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING 14 BRICK KILN CT NORTHAMPTON, PA, 18067

| NORTHAMPTON, PA, 18067 | |
|--|--|
| Tkt Date 01/14/2021 Pay Type Credit Account Chk# Billing# 0000926 Acc Tons 124.80 Man Tk# PO# 111672 | Vehicle# 05 Volume Trailer# License# au926u Driver Haul Tk# Dest |
| Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI EPA ID NA Manifest 000014 Route | Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT Waste # 506 Origin #/County NY/NEW YORK (State of),NY Origin Name NEW YORK Grid F3 01-14-21 |
| Scale-Cert Time Date Operator In 01/14/2021 09:12 FAIRLESS_LAB_ Out 01/14/2021 10:17 FAIRLESS_LANE B Donovan 8 Comments License: ., AK, Owner: ., Address: | Tons 25.55 |
| | |

| Prod | luct | LD% | Qty | UOM | Rate | Tax | Amount | Origin |
|------|------------------|-----|-------|------|------|-----|--------|--------|
| 1 | Cont Soil Sp. WT | 100 | 25.55 | Tons | | | | NY |

Total Tax Total Ticket _____

| 1. Generator's US EPA ID No. | Manifest Doo | US No. | 2. Page | | | | | | |
|--|---|------------------|--------------------------|-------------------------------|-----------------------|-------------------------|------------|--|--|
| 3. Generator's Mailing Address: MTACC EAST SIDE ACCESS MTA MID DAVGTERS | ACCESS | | | est Number | 000 | 0014 | | | |
| LONG ISLAND CITY, 11101 SUNNYSIDE YARD, Q | MTA MID-DAY STORAGE <i>CQ 033</i> SUNNYSIDE YARD, QUEENS, NY 11101 County: QUEENS | | | | | B. State Generator's ID | | | |
| CUEMER CORONEL H.J | ID Number | \mathcal{O} | | ransporter's porter's Phon | | | | | |
| 9. Designated Facility Were and Site Address 10. US EP | A ID Number | | | ransporter's orter's Phone | | | | | |
| Fàirless Landfills 1000 New Ford Mill Rd Morrisville, PA 19067 | | | G. State F H. State F | acility ID acility Phone | | | | | |
| 11. Description of Waste Materials | | | | | | | | | |
| | 12. Col No. | ntainers Type | 13. Total Quantity | 14. Unit Wt./Vol. | I. | Misc. Comn | nents | | |
| a. NON-HAZARDOUS SEWAGE IMPACTED SOILS Yead TO Northern Build WM Profile # 489225PAE | 001 | D | জা হয় ব | | | | | | |
| b. WM Profile # c. | | | | | | | | | |
| WM Profile # d. | | | | | | | | | |
| WM Profile # | | | | | | | | | |
| J. Additional Descriptions for Materials Listed Above | K. Disposa | Location | | | and the second second | | | | |
| | | | | | | | | | |
| BILL TO: ENVIRONMENTAL WASTE MINIMIZATION, INC. | Cell Grid | | | | Level | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | | | |
| Purchase Order # EMERGENCY CO | NTACT / NUO | | | | | | | | |
| EMERGENCY CO | | | | | | | | | |
| hereby certify that the above-described materials are not hazardous wastes as dei | fined by CFR F | art 261 or a | any applicab | le state law | have hee | n fully an | 4 | | |
| Accurately described, classified and packaged and are in proper condition for transp Printed Name | portation acco | ording to ap | plicable reg | ulations. | | , in any and | | | |
| Tenzih [hunduf | | A | 17A-1 | ESA | Month 1 | Day | Year | | |
| 7. Transporter 1 Acknowledgement of Receipt of Materials | | | | | | 19 | 21 | | |
| Printed Name EDISON HIVAPEZ Signature | All | All | 72 | | Month | Day 14 | Year 21 | | |
| 8. Transporter 2 Acknowledgement of Receipt of Materials Printed Name | | | | | | | - | | |
| Signature Signature | | | | | Month | Day | Year | | |
| 9. Certificate of Final Treatment/Disposal | | | | | | | | | |
| certify, on behalf of the above listed treatment facility, that to the best of my knowle oplicable laws, rggulations, permits and licenses on the dates listed above. | | | waste was | managed in | complianc | e with all | | | |
| 0. Facility Owner or Operator: Certification of receipt of non-hazardous materials co | vered by this | manifest. | | | | | | | |
| Signature | // | | _ | | Month | Day | y gar | | |
| /hite-TREATMENT STORAGE, DISPOSAL FACILITY COPY Blue-GENERATOR | 1/1 | - | | | | | // | | |



Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING 14 BRICK KILN CT NORTHAMPTON, PA, 18067

| NORTHAMPTON, PA, 18067 | |
|--|--|
| Tkt Date 01/14/2021 Pay Type Credit Account Chk# Billing# 0000926 Acc Tons 124.80 Man Tk# PO# 111672 | Vehicle# 47 Volume Trailer# License# Driver Haul Tk# Dest |
| Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI EPA ID NA Manifest 000012 Route | Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT Waste # 506 Origin #/County NY/NEW YORK (State of),NY Origin Name NEW YORK Grid F3 01-14-21 |
| Scale-Cert Time Date Operator In 01/14/2021 08:55 FAIRLESS_LAB_ Out 01/14/2021 10:19 FAIRLESS_LANE B Donovan 86 | Operation Type-Inbound Inbound Gross 79120 lb Tare 28900 lb 5176 Net 50220 lb Tons 25.11 |
| Comments | |

| Prod | uct | LD% | Qty | UOM | Rate | Tax | Amount | Origin |
|------|------------------|-----|-------|------|------|-----|--------|--------|
| 1 | Cont Soil Sp. WT | 100 | 25.11 | Tons | | | | NY |

| Total | Tax | |
|-------|--------|--|
| Total | Ticket | |
| | | |

| NON-HAZARDOUS MANIFEST | 1. Generator's L | JS EPA ID No. | Manifest Doc | US No. | 2. Page | 1 of | | | |
|--|--|---|---|----------------------------|---|---|-------------------|------------|----------|
| 3. Generator's Mailing Address: Generator' | | Generator's Site Addre | r's Site Address (If different than mailing): | | | fest Number | 0000 | 012 | |
| MTACC EAST SIDE ACCESS MATA | | MATACD EAST SID | TACD EAST SIDE ACCESS A MID-DAY STORAGE | | | WMNA | | | |
| 29-76 NORTHERN BLVD 5 TH FL | | | TAGE | | | B. State | te Generator's ID | | |
| LONG ISLAND CITY, 1110 | | County: QUEEN | | 11101 | | | | | |
| 4. Generator's Phone 631-33. 5. Transporter 1 Company Name | 2-9526 | | | | | | | | |
| 6. US EPA ID Number | | | | | | | | | |
| 7. Transporter 2 Company Name 8. US FPA ID | | | | ID Number | | C. State Transporter's ID D. Transporter's Phone | | | |
| Transporter 2 Company Name | EPA ID Number | | | | | | | | |
| 4 1-1521114 | | | | | E. State Transporter's ID F. Transporter's Phone | | | | |
| 9. Designated Facility Name and Site Address 10. US E carries Landfills | | | EPA ID Number | | | | | | |
| 1000 New Ford Mill Rd | | | | G. State Facility ID | | | | | |
| Morrisville, PA 19067 | | - | | | H. State F | acility Phone | Distanting and | | |
| | | | | | | | | | |
| 1. Description of Waste Materials | | | 12. Co No. | ntainers Type | 13. Total Quantity | 14. Unit Wt./Vol. | I. 1 | Misc. Com | ments |
| a. NON-HAZARDOUS SEWAGE IMPACTED SOILS | | 001 | .0T | 40, P) | | | | | |
| WM Profile # 489225PA | ١E | | | | | | | | |
| b. WM Profile # | | | | | | | | | |
| с. | | | | | | | | | |
| WM Profile # d. | | | | | | | | | 1. J. 19 |
| WM Profile # | | | | | | | | | |
| J. Additional Descriptions for Materia | als Listed Above | | K Dispos | 11.0.00 | | | | | |
| | | | | | 1 | | | | |
| BILL TO: ENVIRONMENT | AL WASTE MIN | IMIZATION, INC | Cell Grid | | | | Level | | |
| 15. Special Handling Instructions and A | dditional Informat | on | Ghù | | | | | | |
| | | | | | | | | | |
| Purchase Order # | | | | | | | | | |
| 16. GENERATOR'S CERTIFICATE: | | EMERGENCY | CONTACT / PHO | NE NO.: | | | | | |
| | ed materials are n | t hazardous wastes as | defined to con a | | | | | | |
| I hereby certify that the above-describe | kaged and are in p | roper condition for tra | nsportation acco | art 261 or ording to ap | any applicat | ole state law, ulations. | have been | fully an | nd |
| I hereby certify that the above-describe accurately described, classified and pac | | Signature "On b | ehalf of" | MTA | -10 | A | Month | Day | Year |
| Inereby certify that the above-describe accurately described, classified and pac Printed Name | .0 | | | | | | | 14 | 21 |
| Printed Name PIRIL Lund | NP | 1/10 | 27 | - | | | 1 | 1 | |
| Printed Name PINZIA August 17. Transporter 1 Acknowledgement of | NP | llo | 2 | <u> </u> | 17.52 | | | | Year |
| Printed Name PRIA Lund 17. Transporter 1 Acknowledgement of Printed Nam Carrier Alamage | Receipt of Materia | ls Signature | the | 2 | | | Month | Day | |
| Printed Name 17. Transporter 1 Acknowledgement of Printed Nam 18. Transporter 2 Acknowledgement of | Receipt of Materia | ls Signature | the | | | | Month | 1 <u>4</u> | 11 |
| Printed Name PRIA Lund 17. Transporter 1 Acknowledgement of Printed Nam Carrier Alamage | Receipt of Materia | ls Signature | his | | | | Month | Day Day | Year |
| Printed Name Physical Control of the second | Receipt of Materia | ls | his |) | | | 1 | 4 | Year |
| Printed Name Printed Name Printed Name 18. Transporter 2 Acknowledgement of Printed Name 19. Certificate of Final Treatment/Dispos | Receipt of Materia | Is Signature Is Signature | his |) | | | Month | Day | |
| Printed Name Printed Name Printed Name 17. Transporter 1 Acknowledgement of Printed Name 18. Transporter 2 Acknowledgement of Printed Name 19. Certificate of Final Treatment/Dispose certify, on behalf of the above listed tree | Receipt of Materia | Is Signature Is Signature | wledge, the above | ye-describe | d waste was | managed in o | Month | Day | |
| Printed Name Printed Name 17. Transporter 1 Acknowledgement of Printed Name 18. Transporter 2 Acknowledgement of Printed Name 19. Certificate of Final Treatment/Dispose certify, on behalf of the above listed tree ipplicable laws, regulations, permits and 10. Facility Owner or Operator: Certifica | Receipt of Materia Receipt of Materia sal eatment facility, tha licenses on the da | Is Signature Is Signature it to the best of my kno tes listed above. | | | d waste was | managed in d | Month | Day | |
| Printed Name Printed Name Printed Name 17. Transporter 1 Acknowledgement of Printed Name 18. Transporter 2 Acknowledgement of Printed Name 19. Certificate of Final Treatment/Dispose certify, on behalf of the above listed tree | Receipt of Materia Receipt of Materia sal eatment facility, tha licenses on the da | Is Signature Is Signature it to the best of my kno tes listed above. | | | d waste was | managed in d | Month | Day | |



FAIRLESS LANDFILL FAIRLESS LANDFILL1000 New Ford Mill Road1000 New Ford Mill Road1000 Pa 19067Ph: 2157361700 Morrisville, PA, 19067

Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING 14 BRICK KILN CT NORTHAMPTON, PA, 18067

| NORTHAMPTON, PA, 18067 | |
|---|--|
| Tkt Date 01/14/2021 Pay Type Credit Account Chk# Billing# 0000926 Acc Tons 124.80 Man Tk# PO# 111672 | Vehicle# 63 Volume Trailer# License# AS467U Driver Haul Tk# Dest |
| Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI EPA ID NA Manifest 000015 Route | Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT Waste # 506 Origin #/County NY/NEW YORK (State of),NY Origin Name NEW YORK Grid F3 01-14-21 |
| Scale-Cert Time Date Operator In 01/14/2021 09:14 FAIRLESS_LAB_ Out 01/14/2021 10:18 FAIRLESS_LANE B Donovan 8 | Operation Type-Inbound Inbound Gross 75580 lb Tare 27820 lb 6176 Net 47760 lb Tons 23.88 |
| Comments | |

| Prod | uct | LD% | Qty | UOM | Rate | Tax | Amount | Origin |
|------|------------------|-----|-------|------|------|-----|--------|--------|
| 1 | Cont Soil Sp. WT | 100 | 23.88 | Tons | | | | NY |

| Total | Tax | |
|-------|--------|--|
| Total | Ticket | |
| | | |

| and the second se | s US EPA ID No. Mai | nifest Doc No | • | 2. Page 1 of | | |
|---|---|-------------------|------------------|--------------------------|-------------------------------|---------------------------|
| NON-HAZARDOUS MANIFEST | Generator's Site Address (If di | ferent than maili | ng): | A. Manifest | Number | 000015 |
| Generator's Mailing Address: | MATACD EAST SIDE ACC | ESS | | WN | | |
| TACC EAST SIDE ACCESS 9-76 NORTHERN BLVD 5 TH FL | MTA MID-DAY STORAG SUNNYSIDE YARD, QUE | - | | | B. State C | Senerator's ID |
| ONG ISLAND CITY, 11101 | County: QUEENS | 2143,141 22 | | | | |
| Generator's Phone 631-332-9526 | | Number | | The second second second | | |
| Transporter 1 Company Name | 6. A SEPAR | Number | | | ansporter's l | |
| WEREATLOAME | 8. US EPA II |) Number | - 1 | | rter's Phone | |
| Transporter 2 Company Name | 2 | | | E. State Tra | ansporter's I rter's Phone | D |
| DIDTUS HU | 2 10. US EPA | ID Number | <u>un oraș e</u> | F. Manspo | | |
| Designated Racility Name and Site Address airless Landfills | | | | G. State Fa | icility ID icility Phone | |
| 000 New Ford Mill Rd | | | | H. State Fa | icility i none | |
| Aorrisville, PA 19067 | | | 4. Data - 1 | 10 Tetel | 14. Unit | |
| 1. Description of Waste Materials | | 12. Con No. | tainers Type | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments |
| NON-HAZARDOUS SEWAGE IN | APACTED SOILS | 001 | DT | .137 93 | s | |
| | proven proc | | | | | |
| VM Profile # 489225PAE | | | | | Contraction (Contraction) | |
| l. | | | | | | |
| VM Profile # | | | | | | |
| NM Profile # | | | | | | |
| l. | | | | | | |
| WM Profile # I. Additional Descriptions for Materials Listed A | bove | K. Dispos | sal Locatio | n | | |
| | | Cell | | | | Level |
| BILL TO: ENVIRONMENTAL WAS | | Grid | | | | |
| 15. Special Handling Instructions and Additional | nformation | | | | | |
| | | | | | | |
| Purchase Order # | EMERGENCY | CONTACT / PH | IONE NO. | | - | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described mater | als are not hazardous wastes as o | lefined by CF | R Part 26 | 1 or any appli | cable state l | aw, have been fully and |
| I hereby certify that the above-described mater accurately described, classified and packaged ar | d are in proper condition for tran | isported at a | ccording t | o applicable i | regulations. | Month Day Y |
| Printed Name | a signature of the | | 5/11 | H-C | 51) | 1 14 2 |
| 17. Transporter 1 Acknowledgement of Receipt | of Materials | F | P | | , | |
| Aringted the M TINK | signatures | M | A | MA | \checkmark | Month Pay |
| NETWO UNVE | of Materials | | <u> </u> | | / | |
| 18. Transporter 2 Acknowledgement of Receipt Printed Name | Signature | | | | | Month Day Y |
| | | | | | | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment | facility that to the host of my kn | owledge the | above-de | scribed waste | was manag | ed in compliance with all |
| | s on the dates listed above. | | | | | |
| table laws regulations permits and license | receipt of non-hazardous materia | overed by | this mani | fest. | | Month Ogy |
| I certify, on behalf of the above listed treatment applicable laws, regulations, permits and license 20. Facility Owner of Operator: Certification of | | / / / | | | | |
| table laws regulations permits and license | Signature | //// | | | | IERATOR #1 COPY |



FAIRLESS LANDFILL FAIRLESS LANDFILL 1000 New Ford Mill Road 19067 Morrisville, PA, 19067

Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING 14 BRICK KILN CT NORTHAMPTON, PA, 18067

| NORTHAMPTON, PA, 10007 | |
|--|--|
| Tkt Date 01/14/2021 Pay Type Credit Account Chk# Billing# 0000926 Acc Tons 171.65 Man Tk# PO# 111672 | Vehicle# 13 Volume Trailer# License# AU883L Driver Haul Tk# Dest |
| Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI EPA ID NA Manifest 000016 Route | Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT Waste # 506 Origin #/County NY/NEW YORK (State of),NY Origin Name NEW YORK Grid F3 01-14-21 |
| Scale-Cert Time Date Operator In 01/14/2021 14:30 FAIRLESS_LAB_ rburns Out 01/14/2021 15:02 FAIRLESS_LANE B Donovan 8 | Operation Type-Inbound Inbound Gross 74960 lb Tare 28160 lb 6176 Net 46800 lb Tons 23.40 |
| Comments License: , AK, Owner: , Address: | |
| Product LD% Qty UOM | Rate Tax Amount Origin |
| 1 Cont Soil Sp. WT 100 23.40 Tons | NY |

Total Tax Total Ticket _____

| | 1. Generator's L | JS EPA ID No. | Manifest Doc | 2. Page 1 | of | | | | |
|---|--|---|---------------------|-----------------|---|---|-----------|-------------|------------|
| | 3. Generator's Mailing Address: MTACC EAST SIDE ACCESS | Generator's Site Addr MATACD EAST SID MTA MID-DAY STO | E ACCESS | ailing): 033 | 1000200-00001.0000 | est Number /MNA | 0000 | 16 | |
| | 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101 4. Generator's Phone 631-332-9526 | SUNNYSIDE YARD, County: QUEEI | QUEENS, NY 1 | .1101 | | B. State | Generator | 's ID | |
| | 5. Transporter 1 Company Name | | EPA ID Number | | C State T | | | | |
| | Cuenca Coronel # 13 7. Transporter 2 Company Name | | 3. US EPA ID Number | | | C. State Transporter's ID D. Transporter's Phone | | | |
| | AUBOJD | | | | | ransporter's I orter's Phone | D | | |
| | 9. Designated Facility Name and Site Address Fairless Landfills 1000 New Ford Mill Rd | 10. U: | S EPA ID Number | | G. State Facility ID H. State Facility Phone | | | | |
| | Mørrisville, PA 19067 | | | | | | | | |
| | 11. Description of Waste Materials | Contraction of the second s | 12. Cor No, | tainers Type | 13. Total Quantity | 14. Unit Wt./Vol. | L 1 | Visc. Comme | nts |
| | a. NON-HAZARDOUS SEWAGE IMPA | CTED SOILS | 001 | nye Dir | CPP 12 | Wt.7 Vol. | | | |
| | WM Profile # 489225PAE | | | | | | | | |
| - | b. WM Profile # | | | | | | | | |
| | c. WM Profile # | | | | | | | | |
| | d. WM Profile # | | | | | | | | |
| | J. Additional Descriptions for Materials Listed Above | | K. Disposa | | | | | | |
| | BILL TO: ENVIRONMENTAL WASTE MI | | Cell | | | | Level | | - |
| | 15. Special Handling Instructions and Additional Informa | | Grid | | | | | | |
| | Purchase Order # | EMERGENC | Y CONTACT / PHO | | | | | | |
| | 16. GENERATOR'S CERTIFICATE: | EMERGENC | T CONTACT / PHO | INE INU.: | | | | | |
| | I hereby certify that the above-described materials are a | not hazardous wastes a | s defined by CFR | Part 261 or | any applical | ole state law, | have beer | n fully and | l |
| | accurately described, classified and packaged and are in Printed Name | Signature "On | | nATY | pplicable reg | ulations. | Month | Day | Year |
| | PARIN LLundug | 140 | r |) | | | / | 14 | 21 |
| | 17. Transporter 1 Acknowledgement of Receipt of Mater | ials | 0 | 0 | | | (| · | 1 |
| | Printed Name Rolando Jimenes | | N | 2 | | | Month | Day 14 | Year 21 |
| | Transporter 2 Acknowledgement of Receipt of Mater Printed Name | | | | | | | | |
| | - miles name | Signature • | | | | | Month | Day | Year |
| | 19. Certificate of Final Treatment/Disposal I certify on behalf of the above listed treatment facility, t applicable laws regulations, permits and licenses on the | hat to the best of my ki dates listed above. | nowledge, the abo | ve-describ | ed waste wa | s managed in | compliant | e with all | |
| | 20. Fagility wher or Operator: Certification of receipt o | | als covered by this | manifest. | | | | | |
| , | Printed Name | Signature | | | | | Month | Day | Year |
| | | | | | | | | 10 | 27 |
| / | White-TREATMENT, STORAGE, DISPOSAL FACILITY COPY | Bue- GENERA | TOP #2 COM | > | V. II | OW- GENERAT | 00 | | 0 |



FAIRLESS LANDFILL FAIRLESS LANDFILL1000 New Ford Mill Road1000 New Ford Mill Road1000 Ph: 2157361700

NY

Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING 14 BRICK KILN CT NORTHAMPTON, PA, 18067

| NORTHAMPTON, PA, 1806/ | | | | | | |
|--|-----------------|-----------|---|---------------------------|-----------------------|--|
| Tkt Date 01/14/2021 Pay Type Credit Account Billing# 0000926 Acc Tons 171.65 Man Tk# PO# 111672 | Chk# | | Vehicle# 47 Trailer# License# Driver Haul Tk# Dest | , | Volume | |
| Generator 132-MTACDEASTS EPA ID NA Manifest 000017 Route | IDEACCESS MTACI | D EAST SI | Waste # 5 | 06 ounty NY/N e NEW | EW YORK (Stat YORK | |
| | | rns | 6176 | - | | ind 75520 lb 28620 lb 46900 lb 23.45 |
| Comments License: as211a | ., AK, Owner: | , Address | : , AK, | . Phone: | | |
| Product | LD% Qty | UOM | Rate | Tax | Amount | Origin |

Total Tax Total Ticket _____

1 Cont Soil Sp. W.-T 100 23.45 Tons

| NON-HAZARDOUS MANIFEST | erator's US EPA ID No. | Manifest Doc I | No. | 2. Page 1 | of [| | | |
|---|---|--------------------------------|-----------------|----------------------------|---------------------------------|--------------------|-------------|-----------|
| 3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL | Generator's Site Add MATACD EAST SII MTA MID-DAY ST SUNNYSIDE YARD | DE ACCESS ORAGE <i>CO</i> C | 133 | S ret=5 | st Number MNA B. State | 0000 Generator | | |
| LONG ISLAND CITY, 11101 4. Generator's Phone 631-332-9526 | County: QUEE | NS | .1101 | | | | | |
| 5. Transporter 1 Company Name | reitz | S EPA ID Number | | | ransporter's l orter's Phone | | | |
| 47-AS2/(D. Designated Facility Name and Site Address | A | JS EPA ID Number | | | ransporter's I orter's Phone | D | | |
| Fairless Landfills 1000 New Ford Mill Rd | | | | G. State Fi H. State Fi | acility ID acility Phone | | | |
| Morrisville, PA 19067 | | | | | | | | anne an |
| 1. Description of Waste Materials | | 12. Cor No. | tainers Type | 13. Total Quantity | 14. Unit Wt./Vol. | 1. 1 | Aisc. Comme | nts |
| NON-HAZARDOUS SEWAGE ダーム イオン VM Profile # 489225PAE | IMPACTED SOILS | 001 | DT | 107-13 | 10 | | | |
|). VM Profile # | | | | | | | | |
| VM Profile # | | | | | | | | |
| VM Profile # | | | | | | and a grant day of | | |
| Additional Descriptions for Materials Listed | | | al Location | | | Level | 1 | |
| 5. Special Handling Instructions and Additiona | 2 10 | Grid | | | | | | |
| urchase Order # | EMERGEN | ICY CONTACT / PHC | INE NO.: | | | | | |
| GENERATOR'S CERTIFICATE: hereby certify that the above-described mate ccurately described, classified and packaged a | | | | | | , have bee | n fully and | d |
| rinted Name | Signature "O | n behalf of | <u></u> | MTA | -39 | Month | Day | Year |
| Penzin Chunduz | | ret |) |) | | | 14 | 2/ |
| 7. Transporter 1 Acknowledgement of Receip | | - 1 | | | | - Maria | | , |
| 8. vansporter 2 Acknowledgement of Receipt | of Materials | alux |) | | | Month | Day 14 | Year Z |
| Printed Name | Signature | | | | | Month | Day | Year |
| Certificate of Final Treatment/Disposal certify, on behalf of the above listed treatmen pplicable aws, regulations, permits and license | es on the dates listed above. | | | | as managed i | n complian | ce with al | 1 |
| 0. Facility Owner or Operator: Certification of | | erials covered by thi | s manifest | t. | | | | 1 |
| Printed Name | Signature | | | | | Month | Day 14 | Year |
| THE TREATMENT, STORAGE, DISPOSAL FACIL | ITY COPY BUB GENER | ATON #2 COPY | | Yel | low- GENERA | TOR #1 CO | PY | |
| Pink- FACILITY USE ONLY | Gold TRANSE | ORTER #1 COPY | | | | | | |



FAIRLESS LANDFILL FAIRLESS LANDFILL 1000 New Ford Mill Road 19067 Morrisville, PA, 19067

Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING 14 BRICK KILN CT NORTHAMPTON, PA, 18067

| NORTHAMPTON, PA, 10007 | |
|---|--|
| Tkt Date 01/14/2021 Pay Type Credit Account Chk# Billing# 0000926 Acc Tons 194.87 Man Tk# PO# 111672 | Vehicle# 4 Volume Trailer# License# AU111V Driver Haul Tk# Dest |
| Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI EPA ID NA Manifest 000018 Route | Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT Waste # 506 Origin #/County NY/NEW YORK (State of),NY Origin Name NEW YORK Grid F3 01-14-21 |
| Scale-Cert Time Date Operator In 01/14/2021 14:44 FAIRLESS_LAB_ rburns Out 01/14/2021 15:13 FAIRLESS_LANE B Donovan 80 | Operation Type-Inbound Inbound Gross 74560 lb Tare 28120 lb Net 46440 lb Tons 23.22 |
| Comments License: , AK, Owner: , Address: | |
| Product LD% Qty UOM | Rate Tax Amount Origin |
| 1 Cont Soil Sp. WT 100 23.22 Tons | NY |

Total Tax Total Ticket _____

| Ľ | NACTE MANAGEMENT | -HAZAR | anifest Doc No | | 2. Page 1 o | | | | | | | |
|---|---|--|---|----------------------|---------------|------------------------------|------------------------|----------------|--|--|--|--|
| | NON-HAZARDOUS MANIFEST | NIFEST | | | | | 000018 | | | | | |
| | 3. Generator's Mailing Address: | Generator's Site Address (If | | | A. Manifes | | 000018 | | | | | |
| | MTACC EAST SIDE ACCESS | MATACD EAST SIDE AC MTA MID-DAY STORAG | E CRO | 35 | VI | | Generator's ID | | | | | |
| | 29-76 NORTHERN BLVD 5 TH FL | SUNNYSIDE YARD, QU | EENS, NY 13 | L101 | | | | | | | | |
| | LONG ISLAND CITY, 11101 | County: QUEENS | | | | | | | | | | |
| | 4. Generator's Phone 631-332-9526 | | | | | | | | | | | |
| F | 5. Transporter 1 Company Name | | ID Number | | C. State Tr | ansporter's II | D | | | | | |
| 1 | Cuenced Coronal Trucki | - | | | | | | 2003 | | | | |
| | 7. Transporter 2 Company Name | 8. US EPA | 8. US EPA ID Number | | | ansporter's I | D | | | | | |
| | AU1111 ### | | | | F. Transpo | rter's Phone | | | | | | |
| ŀ | 9. Designated Facility Name and Site Address | 10. US EPA ID Number | | | G. State Fi | acility ID | e | | | | | |
| | Fairless Landfills | | | | | acility Phone | | | | | | |
| | 1000 New Ford Mill Rd | | | | | | | | | | | |
| 3 | Morrisville, PA 19067 | | 10.6 | ntainers | 13. Total | 14. Unit | | 516 | | | | |
| ſ | 11. Description of Waste Materials | | 12. Cor No. | Type | Quantity | Wt./Vol. | I. Misc. Comments | | | | | |
| N – E R | a. NON-HAZARDOUS SEWAGE IM Yead to Nottle | PACTED SOILS | 001 | TC | 687.22 | 1.15 | | | | | | |
| 1 | 400225045 | | | | | | | | | | | |
| | WM Profile # 489223PAE | | | | | | | NO.152 | | | | |
| R | WM Profile # | | | | a Mark Markad | | | and the second | | | | |
| | c. | | | | | | | 1 | | | | |
| | WM Profile # | | | | | | | | | | | |
| | d. | | | | | | | | | | | |
| | WM Profile # J. Additional Descriptions for Materials Listed Above | | | K. Disposal Location | | | | | | | | |
| | | | Cell Level | | | | | | | | | |
| | BILL TO: ENVIRONMENTAL WAST | E MINIMIZATION, INC. | Grid | | | | | | | | | |
| | 15. Special Handling Instructions and Additional Inf | 15. Special Handling Instructions and Additional Information | | | | | | | | | | |
| | | | | | | | | | | | | |
| | Purchase Order # | | | | | | | | | | | |
| | 16 CENERATOR'S CERTIFICATE | | | | | | | | | | | |
| | | s are not hazardous wastes as | defined by CF | R Part 261 | or any applic | able state la egulations. | w, have been fully and | | | | | |
| | accurately described, classified and packaged and Printed Name | Signature "On b | ehalf of" | | NTA-1 | SA | Month Day | Ye | | | | |
| | TENZIN Lhunduf | (6 | A | -) '' | | | 14 | 2/ | | | | |
| | 17. Transporter 1 Acknowledgement of Receipt of | Materials | | | | | | | | | | |
| T | Printed Name | Signature | folie | d | 212 ~ 4 | ~ | Month Day | Ye 20 | | | | |
| T R A | DHN Down Lance | Matariala | lect | 0 | Sur | | | and a | | | | |
| A N S | 18. Transporter 2 Acknowledgement of Receipt of Printed Name | Signature | / | | | | Month Day | Ye | | | | |
| A N | | | | | | | | | | | | |
| A N S P O R T E | an a | | | | | | | | | | | |
| A N S P O R T | 10. Contificate of Final Treatment/Disposal | | I service an hehele the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all | | | | | | | | | |
| A N S P O R T E R F | 19. Certificate of Final Treatment/Disposal | cility, that to the best of my kn | wiedge, the a | above-des | | | | | | | | |
| A N S P O R T E | 19. Certificate of Final Treatment/Disposal I certify, on behalt of the above listed treatment fa | on the dates listed above. | | | | | | | | | | |
| A N S P O R T E R F A C I L I | Certificate of Final Treatment/Disposal I certify, on behalt of the above listed treatment fa applicable faws, regulations, permits and licenses of 20. Fayinty Owner or Operator: Certification of re | on the dates listed above. ceipt of non-hazardous materia | | | | | Month Day | Ye | | | | |
| A N S P O R T E R F A C I | 19. Certificate of Final Treatment/Disposal I certify, on behalt of the above listed treatment fa | on the dates listed above. | | | est. | | | | | | | |



FAIRLESS LANDFILL FAIRLESS LANDFILL1000 New Ford Mill Road1000 New Ford Mill Road1000 Pa 19067Ph: 2157361700 Morrisville, PA, 19067

Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING 14 BRICK KILN CT NORTHAMPTON, PA, 18067

| NORTHAMPTON, PA, 1806/ | |
|--|--|
| Tkt Date 01/14/2021 | Vehicle# 05 Volume |
| Pay Type Credit Account Chk# | Trailer# |
| Billing# 0000926 | License# au926u |
| Acc Tons 236.38 | Driver |
| Man Tk# | Haul Tk# |
| PO# 111672 | Dest |
| Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI EPA ID NA Manifest 000019 Route | Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT Waste # 506 Origin #/County NY/NEW YORK (State of),NY Origin Name NEW YORK Grid F3 01-14-21 |
| Scale-Cert | Operation Type-Inbound |
| Time Date Operator | Inbound Gross 73100 lb |
| In 01/14/2021 14:46 FAIRLESS_LAB_ rburns | Tare 27980 lb |
| Out 01/14/2021 15:14 FAIRLESS_LANE B Donovan 86 | 5176 Net 45120 lb |
| | Tons 22.56 |

| Product | LD% | Qty | UOM | Rate | Tax | Amount | Origin |
|--------------------|-----|-------|------|------|-----|--------|--------|
| 1 Cont Soil Sp. WT | 100 | 22.56 | Tons | | | | NY |

| Total | Tax | |
|-------|--------|--|
| Total | Ticket | |
| | | |

| NON-HAZARDOUS MANIFEST | N | lanifest Doc | No. | 2. Page : | 1 of \ | | | |
|---|---------------------------------|------------------|--------------|-----------------------|-------------------------------|---|--------------------------|-------------------|
| 3. Generator's Mailing Address: Generator's S MTACC EAST SIDE ACCESS MATACD E | Site Address (If AST SIDE AC | different than r | nailing): | A. Manif | est Number | 000 | 019 | |
| | DAY STORAG | | 133 | V | VMNA | | | |
| LONG ISLAND CITY, 11101 | E YARD, QUE | EENS, NY | 11101 | | B. State | e Generato | pr's ID | |
| 4. Generator's Phone 631-332-9526 | | | | | | | | |
| 6. | US EPA II | D Number | 0 | C State T | ransporter's | 10 | | |
| 7. Transporter 2 Company Name | M.U. | 050 | | | orter's Phon | | | |
| HALF DIIDDIII hit | US EPA II | D Number | | E State T | rononestada | ID | | |
| 9. Designated Facility Name and Site Address 10 | | | | | ransporter's orter's Phone | 10.2 | | |
| Fairless Landfills | US EPA | ID Number | | | | | | |
| 1000 New Ford Mill Rd | | | | G. State F | acility ID acility Phone | | | |
| Morrisville, PA 19067 | | | | n. state F | aciiity Phone | | and the second | |
| 11. Description of Waste Materials | | 12.0 | ntainers | | 1 | | | |
| | | No. | Type | 13. Total Quantity | 14. Unit Wt./Vol. | Ι. | Misc. Comm | ents |
| a. NON-HAZARDOUS SEWAGE IMPACTED SOIL Yeard for Nurther Brod | .S | 001 | 70 | 19713 | 11 | | | |
| WM Profile # 489225PAE | | | | | | | | |
| S. WM Profile # | | | | | | Contraction of the | maken ungen ken | |
| с. | | | | | | | | |
| WM Profile # | | | | | | Ser Contractioners | Connector and the second | C. Lawer war with |
| d. | | | | | | | | |
| WM Profile # | | | | | | | and the second second | |
| Additional Descriptions for Materials Listed Above | | K. Disposa | l Location | | | and the second se | | |
| BILL TO: ENVIRONMENTAL WASTE MINIMIZATION | | Cell | | | | Level | 1 | |
| 5. Special Handling Instructions and Additional Information | I, INC. | Grid | | | | | | |
| Second Handling list decions and Additional Information | | | | | | | | |
| | | | | | | | | |
| | ERGENCY CONT | TACT / PHO | NE NO.: | | | | | |
| 6. GENERATOR'S CERTIFICATE: | | | | | | | | |
| hereby certify that the above-described materials are not hazardous w ccurately described, classified and packaged and are in proper condition rinted Name | vastes as defin | ed by CFR F | Part 261 or | any applicab | le state law, | have bee | n fully and | ł |
| rinted Name Signatu | are "On behalf | of" | ording to ap | plicable reg | ulations. | Month | Day | Year |
| IEnzin Lounday | At | 7 |) or | 111-E | 37) | 1 | 14 | 21 |
| 7. Transporter 1 Acknowledgement of Receipt of Materials | C | \bigcirc | | | | | [[| ~ |
| Printed Name Dichal Manager Signatu | ire C | M | nor | 1 | | Month | Day | Year |
| | 6.1 | A/VI | INCL | 2 | | 01 | 14 | 21 |
| LUISON HIVHULL | | | | | | | | |
| Transporter 2 Acknowledgement of Receipt of Materials | re | | | | | Month | Day | Year |
| Transporter 2 Acknowledgement of Receipt of Materials | ire | | | | | | | |
| Action of Receipt of Materials Printed Name Signatu O. Certificate of Final Treatment/Disposal | | | | | | | | |
| Action of the above listed treatment facility, that to the best of the facility of the above listed treatment facility. The facility of the facility of the facility. The facility of the facility of the facility. The facility of the facility of the facility. | of my knowledge | e, the abov | e-describe | d waste was | managed in | compliant | e with all | |
| A. Transporter 2 Acknowledgement of Receipt of Materials Printed Name Signatu O. Certificate of Final Treatment/Disposal ertify, on behalf of the above listed treatment facility, that to the best o pplicable laws-regulations, permits and licenses on the dates listed above | of my knowled | | | d waste was | managed in | complianc | e with all | |
| Action of the above listed treatment facility, that to the best of the facility of the above listed treatment facility. The facility of the facility of the facility. The facility of the facility of the facility. The facility of the facility of the facility. | of my knowledg /e. | | | d waste was | managed in | complianc | e with all | |



FAIRLESS LANDFILL FAIRLESS LANDFILL1000 New Ford Mill Road1000 New Ford Mill Road1000 New Ford Mill Road1000 New Ford Mill Road Morrisville, PA, 19067

Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING 14 BRICK KILN CT NORTHAMPTON, PA, 18067

| NORTHAMPTON, PA, 1806/ | |
|--|--|
| Tkt Date 01/14/2021 | Vehicle# 63 Volume |
| Pay Type Credit Account Chk# | Trailer# |
| Billing# 0000926 | License# AS467U |
| Acc Tons 236.38 | Driver |
| Man Tk# | Haul Tk# |
| PO# 111672 | Dest |
| Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI EPA ID NA Manifest 000020 Route | Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT Waste # 506 Origin #/County NY/NEW YORK (State of),NY Origin Name NEW YORK Grid F3 01-14-21 |
| Scale-Cert | Operation Type-Inbound |
| Time Date Operator | Inbound Gross 65520 lb |
| In 01/14/2021 14:48 FAIRLESS_LAB_ rburns | Tare 27620 lb |
| Out 01/14/2021 15:14 FAIRLESS_LANE B Donovan 8 | 6176 Net 37900 lb |
| Comments | Tons 18.95 |

| Prod | uct | LD% | Qty | UOM | Rate | Tax | Amount | Origin |
|------|------------------|-----|-------|------|------|-----|--------|--------|
| 1 | Cont Soil Sp. WT | 100 | 18.95 | Tons | | | | NY |

Total Tax Total Ticket _____

| ARXING AND A CONTRACT | No. N | 1anifest Doc No |). | 2. Page 1 of | f (| | | |
|--|--|-----------------------------------|---------------|--------------|--------------------------------|----------------|---------------|---------|
| NON-HAZARDOUS MANIFEST | or's Site Address (If | different than mail | ing): | A. Manifest | t Number | 000020 |) | |
| 3. Generator's Mailing Address: MATAG | CD EAST SIDE AG | CCESS | | WN | ЛNA | | | |
| MTACC EAST SIDE ACCESS | ID-DAY STORA | GE Calj | 33 | | B. State C | Generator's II | 0 | |
| | /SIDE YARD, QU | EENS, NY 11 | 101 | | | | | |
| LONG ISLAND CITY, 11101 Count | ty: QUEENS | | | | | | | |
| 4. Generator's Phone 631-332-9526 | 5. USEPA | ID Mumber | 2 | | | | | |
| 5. Transporter 1 Company Name | N/- | 810 | \mathcal{I} | | ansporter's I orter's Phone | | | |
| MUNCH WITH | B. US EPA | ID Number | | | | | | |
| 7. Transporter 2 Company Name | | | | | ansporter's I | D | | 1 |
| H24070 HV2 | | A ID Number | | F. Transpo | rter's Phone | | | |
| 9. Designated Facility Name and Site Address | 10. US EP | Albituitisei | | G. State Fa | | | | |
| Fairless Landfills | | | | H. State Fa | acility Phone | | | 20.00 |
| 1000 New Ford Mill Rd | | | | | | | | |
| Morrisville, PA 19067 | | 12. Cor | ntainers | 13. Total | 14. Unit | I. M | isc. Comments | and the |
| 11. Description of Weste Materials | | No. | Туре | Quantity | Wt./Vol. | 10 - 22. | | |
| a. NON HAZARDOUS SEWAGE IMPACTED | SOILS | 001 | DT | 757.22 | 5 P 1 | | | |
| | | | | | | | | |
| WM Profile # 489225PAE | | | | | | | | |
| b. | | | | | | | | |
| WM Profile # | | | | | | | | |
| WM Profile # | | | | | | | | |
| d. | | | | | - | | | |
| WM Profile # | | K Dicpo | sal Locatio | in . | | | | |
| J. Additional Descriptions for Materials Listed Above | | K. Dispo | Sai Locatio | | | | | |
| 5111 TO | TATION INC | Cell | | | | Level | | |
| BILL TO: ENVIRONMENTAL WASTE MINIM | IZATION, INC. | Griu | | | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | | |
| | | | | | | | | |
| Purchase Order # | EMERGENCY | CONTACT / PH | HONE NO.: | | | | | - |
| | | | n n 20 | | cable state l | aw, have bee | n fully and | ł |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not h accurately described, classified and packaged and are in prop | azardous wastes as per condition for tr | s defined by CF ansportation a | ccording t | o applicable | regulations. | | | |
| accurately described, classified and packaged and are involved | Signature "On | behalf of" | ~ | | | Month | Day | Ye 7 |
| TENZIA Lhundus | | 0 (|) |) | | | 17 | 14 |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | AS | | TA | ALA | | L Adapt | that | Ye |
| Neting and and | (signature) | DU | (M | INA | ſ | Minth | 14 | < |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | Signature | | | | | Month | Day | Ye |
| Printed Name | Signature | | | / | | | | |
| 19. Certificate of Final Treatment/Disposal | | | 21 | | 00.000.000 | 11 | | u |
| Leastify on hehalf of the above listed treatment facility, that | to the best of my k | nowledge, the | above-des | cribed waste | was manag | eu in complia | ince with a | |
| (i certair)) en e | es listed above. | | | | | | | |
| and licenses on the date | n-hazardous mater | ials covered by | this mani | | | | | |
| applicable laws, regulations, permits and licenses on the date 20. Facility owner or Operator: Certification of receipt of no Printed Name | n-hazardous mater | ials covered by | this mani | | | Month | Day | Y |

APPENDIX G

Laboratory Analytical Report (2019 Sediment and Water Samples)



ANALYTICAL REPORT

| Lab Number: | L1905725 |
|-----------------|--|
| Client: | Roux Env. Eng. & Geology, DPC 209 Shafter Street Islandia, NY 11749-5074 |
| ATTN: | Jeffrey Wills |
| Phone: | (631) 232-2366 |
| Project Name: | AMTRAK OU-5 |
| Project Number: | 0055.0050Y008 |
| Report Date: | 02/19/19 |

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

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

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



Serial_No:02191918:23

| Project Name: | AMTRAK OU-5 |
|-----------------|---------------|
| Project Number: | 0055.0050Y008 |

 Lab Number:
 L1905725

 Report Date:
 02/19/19

| Alpha Sample ID | Client ID | Matrix | Sample Location | Collection Date/Time | Receive Date |
|--------------------|----------------|--------|----------------------------|-------------------------|--------------|
| L1905725-01 | MH-40_WATER | WATER | SUNNYSIDE YARD, QUEENS, NY | 02/13/19 09:00 | 02/13/19 |
| L1905725-02 | MH-40_SEDIMENT | SOIL | SUNNYSIDE YARD, QUEENS, NY | 02/13/19 09:05 | 02/13/19 |



Project Name: AMTRAK OU-5 Project Number: 0055.0050Y008

Lab Number: L1905725 Report Date: 02/19/19

Case Narrative

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

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

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

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

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

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



Project Name:AMTRAK OU-5Project Number:0055.0050Y008

 Lab Number:
 L1905725

 Report Date:
 02/19/19

Case Narrative (continued)

Report Submission

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

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

609 Standow Kelly Stenstrom

Authorized Signature:

Title: Technical Director/Representative

Date: 02/19/19



ORGANICS



PCBS



| | | Serial_No | 0:02191918:23 |
|--------------------|----------------------------|-------------------|----------------|
| Project Name: | AMTRAK OU-5 | Lab Number: | L1905725 |
| Project Number: | 0055.0050Y008 | Report Date: | 02/19/19 |
| | SAMPLE RESULTS | | |
| Lab ID: | L1905725-01 | Date Collected: | 02/13/19 09:00 |
| Client ID: | MH-40_WATER | Date Received: | 02/13/19 |
| Sample Location: | SUNNYSIDE YARD, QUEENS, NY | Field Prep: | Not Specified |
| Sample Depth: | | | |
| Matrix: | Water | Extraction Method | I: EPA 3510C |
| Analytical Method: | 1,8082A | Extraction Date: | 02/16/19 08:55 |
| Analytical Date: | 02/18/19 00:59 | Cleanup Method: | EPA 3665A |
| Analyst: | AWS | Cleanup Date: | 02/16/19 |
| | - | Cleanup Method: | EPA 3660B |
| | | Cleanup Date: | 02/17/19 |
| | | | |

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column | | |
|---|--------|-----------|-------|-------|-------|------------------------|--------|--|--|
| Polychlorinated Biphenyls by GC - Westborough Lab | | | | | | | | | |
| Aroclor 1016 | ND | | ug/l | 0.083 | 0.013 | 1 | A | | |
| Aroclor 1221 | ND | | ug/l | 0.083 | 0.018 | 1 | А | | |
| Aroclor 1232 | ND | | ug/l | 0.083 | 0.038 | 1 | А | | |
| Aroclor 1242 | ND | | ug/l | 0.083 | 0.030 | 1 | А | | |
| Aroclor 1248 | ND | | ug/l | 0.083 | 0.038 | 1 | А | | |
| Aroclor 1254 | ND | | ug/l | 0.083 | 0.014 | 1 | А | | |
| Aroclor 1260 | 0.092 | | ug/l | 0.083 | 0.029 | 1 | В | | |
| Aroclor 1262 | ND | | ug/l | 0.083 | 0.028 | 1 | А | | |
| Aroclor 1268 | ND | | ug/l | 0.083 | 0.026 | 1 | А | | |
| PCBs, Total | 0.092 | | ug/l | 0.083 | 0.013 | 1 | В | | |

| | | | Acceptance | |
|------------------------------|------------|-----------|------------|--------|
| Surrogate | % Recovery | Qualifier | Criteria | Column |
| 2,4,5,6-Tetrachloro-m-xylene | 99 | | 30-150 | В |
| Decachlorobiphenyl | 70 | | 30-150 | В |
| 2,4,5,6-Tetrachloro-m-xylene | 104 | | 30-150 | А |
| Decachlorobiphenyl | 60 | | 30-150 | А |



| | | Serial_No:02191918:23 |
|--------------------|----------------------------|---------------------------------|
| Project Name: | AMTRAK OU-5 | Lab Number: L1905725 |
| Project Number: | 0055.0050Y008 | Report Date: 02/19/19 |
| | SAMPLE RESULTS | |
| Lab ID: | L1905725-02 D | Date Collected: 02/13/19 09:05 |
| Client ID: | MH-40_SEDIMENT | Date Received: 02/13/19 |
| Sample Location: | SUNNYSIDE YARD, QUEENS, NY | Field Prep: Not Specified |
| Sample Depth: | | |
| Matrix: | Soil | Extraction Method: EPA 3546 |
| Analytical Method: | 1,8082A | Extraction Date: 02/16/19 10:30 |
| Analytical Date: | 02/19/19 12:48 | Cleanup Method: EPA 3665A |
| Analyst: | WR | Cleanup Date: 02/17/19 |
| Percent Solids: | 77% | Cleanup Method: EPA 3660B |
| | | Cleanup Date: 02/17/19 |

| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Column | | | |
|--|--------|-----------|-------|------|------|------------------------|--------|--|--|--|
| olychlorinated Biphenyls by GC - Westborough Lab | | | | | | | | | | |
| | | | | 00 A | 7.00 | 2 | | | | |
| Aroclor 1016 | ND | | ug/kg | 83.1 | 7.38 | 2 | A | | | |
| Aroclor 1221 | ND | | ug/kg | 83.1 | 8.33 | 2 | А | | | |
| Aroclor 1232 | ND | | ug/kg | 83.1 | 17.6 | 2 | А | | | |
| Aroclor 1242 | ND | | ug/kg | 83.1 | 11.2 | 2 | А | | | |
| Aroclor 1248 | 420 | | ug/kg | 83.1 | 12.5 | 2 | А | | | |
| Aroclor 1254 | 804 | | ug/kg | 83.1 | 9.10 | 2 | А | | | |
| Aroclor 1260 | 950 | | ug/kg | 83.1 | 15.4 | 2 | В | | | |
| Aroclor 1262 | ND | | ug/kg | 83.1 | 10.6 | 2 | А | | | |
| Aroclor 1268 | ND | | ug/kg | 83.1 | 8.61 | 2 | А | | | |
| PCBs, Total | 2170 | | ug/kg | 83.1 | 7.38 | 2 | В | | | |

| Surrogate | % Recovery | Qualifier | Acceptance Criteria | Column |
|------------------------------|------------|-----------|------------------------|--------|
| 2,4,5,6-Tetrachloro-m-xylene | 60 | | 30-150 | А |
| Decachlorobiphenyl | 57 | | 30-150 | А |
| 2,4,5,6-Tetrachloro-m-xylene | 58 | | 30-150 | В |
| Decachlorobiphenyl | 56 | | 30-150 | В |



| Project Name: | AMTRAK OU-5 | Lab Number: | L1905725 |
|-----------------|---------------|--------------|----------|
| Project Number: | 0055.0050Y008 | Report Date: | 02/19/19 |

Method Blank Analysis Batch Quality Control

Analytical Method: Analytical Date: Analyst: 1,8082A 02/18/19 12:36 WR Extraction Method:EPA 3546Extraction Date:02/16/19 01:16Cleanup Method:EPA 3665ACleanup Date:02/17/19Cleanup Method:EPA 3660BCleanup Date:02/17/19

| Parameter | Result | Qualifier U | nits | RL | MDL | Column |
|---------------------------------|--------------|---------------|-----------|----------|------------|--------|
| Polychlorinated Biphenyls by GC | - Westboroug | h Lab for sam | ple(s): 0 | 2 Batch: | WG1207306- | 1 |
| Aroclor 1016 | ND | u | ig/kg | 31.7 | 2.81 | А |
| Aroclor 1221 | ND | u | ig/kg | 31.7 | 3.17 | А |
| Aroclor 1232 | ND | u | ig/kg | 31.7 | 6.71 | A |
| Aroclor 1242 | ND | u | ig/kg | 31.7 | 4.27 | A |
| Aroclor 1248 | ND | u | ig/kg | 31.7 | 4.75 | А |
| Aroclor 1254 | ND | u | ig/kg | 31.7 | 3.46 | А |
| Aroclor 1260 | ND | u | ig/kg | 31.7 | 5.85 | A |
| Aroclor 1262 | ND | u | ig/kg | 31.7 | 4.02 | A |
| Aroclor 1268 | ND | u | ig/kg | 31.7 | 3.28 | A |
| PCBs, Total | ND | U | ig/kg | 31.7 | 2.81 | А |

| | | | Acceptanc | e |
|------------------------------|-----------|-----------|-----------|--------|
| Surrogate | %Recovery | Qualifier | Criteria | Column |
| | | | | |
| 2,4,5,6-Tetrachloro-m-xylene | 81 | | 30-150 | A |
| Decachlorobiphenyl | 71 | | 30-150 | А |
| 2,4,5,6-Tetrachloro-m-xylene | 84 | | 30-150 | В |
| Decachlorobiphenyl | 82 | | 30-150 | В |



| Project Name: | AMTRAK OU-5 | Lab Number: | L1905725 |
|-----------------|---------------|--------------|----------|
| Project Number: | 0055.0050Y008 | Report Date: | 02/19/19 |

Method Blank Analysis Batch Quality Control

| Analytical Method: |
|--------------------|
| Analytical Date: |
| Analyst: |

1,8082A 02/18/19 00:20 AWS Extraction Method:EPA 3510CExtraction Date:02/16/19 08:55Cleanup Method:EPA 3665ACleanup Date:02/16/19Cleanup Method:EPA 3660BCleanup Date:02/17/19

| Parameter | Result | Qualifier | Units | RL | MDL | Column |
|-----------------------------------|-------------|--------------|-----------|---------|--------------|--------|
| Polychlorinated Biphenyls by GC - | Westborough | n Lab for sa | ample(s): | 01 Batc | h: WG1207373 | -1 |
| Aroclor 1016 | ND | | ug/l | 0.083 | 0.013 | A |
| Aroclor 1221 | ND | | ug/l | 0.083 | 0.018 | А |
| Aroclor 1232 | ND | | ug/l | 0.083 | 0.038 | А |
| Aroclor 1242 | ND | | ug/l | 0.083 | 0.030 | А |
| Aroclor 1248 | ND | | ug/l | 0.083 | 0.038 | А |
| Aroclor 1254 | ND | | ug/l | 0.083 | 0.014 | А |
| Aroclor 1260 | ND | | ug/l | 0.083 | 0.029 | А |
| Aroclor 1262 | ND | | ug/l | 0.083 | 0.028 | А |
| Aroclor 1268 | ND | | ug/l | 0.083 | 0.026 | А |
| PCBs, Total | ND | | ug/l | 0.083 | 0.013 | А |

| | | A | Acceptanc | e |
|------------------------------|-------------|----------|-----------|--------|
| Surrogate | %Recovery Q | ualifier | Criteria | Column |
| 2,4,5,6-Tetrachloro-m-xylene | 108 | | 30-150 | В |
| Decachlorobiphenyl | 104 | | 30-150 | В |
| 2,4,5,6-Tetrachloro-m-xylene | 107 | | 30-150 | А |
| Decachlorobiphenyl | 91 | | 30-150 | А |



Lab Control Sample Analysis Batch Quality Control

Project Name: AMTRAK OU-5 Project Number: 0055.0050Y008 Lab Number: L1905725 Report Date: 02/19/19

| LCS | | LCSD %Recover | | | 6Recovery | | | RPD | | | |
|------|---|----------------|-----------------|-----|-----------|-------------|-------------|-----|------|--------|--------|
| Para | ameter | %Recovery | Qual | %Re | covery | Qual | Limits | RPD | Qual | Limits | Column |
| Poly | chlorinated Biphenyls by GC - Westborou | ıgh Lab Associ | ated sample(s): | 02 | Batch: | WG1207306-2 | WG1207306-3 | | | | |
| | Aroclor 1016 | 67 | | | 67 | | 40-140 | 0 | | 50 | А |
| | Aroclor 1260 | 52 | | | 52 | | 40-140 | 0 | | 50 | А |

| | LCS | LCSD | Accep | otance |
|------------------------------|-----------|----------------|-----------|-------------|
| Surrogate | %Recovery | Qual %Recovery | Qual Crit | eria Column |
| 2,4,5,6-Tetrachloro-m-xylene | 73 | 73 | 30- | 150 A |
| Decachlorobiphenyl | 62 | 63 | 30- | 150 A |
| 2,4,5,6-Tetrachloro-m-xylene | 74 | 74 | 30- | 150 B |
| Decachlorobiphenyl | 72 | 75 | 30- | 150 B |



Lab Control Sample Analysis Batch Quality Control

AMTRAK OU-5

Project Number: 0055.0050Y008

Project Name:

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| | | LCS | | LC | CSD | % | 6Recovery | | | RPD | |
|------------|-----------------------------------|-----------------|----------------|-----|--------|-------------|-------------|-----|------|--------|--------|
| Paramete | er | %Recovery | Qual | %Re | covery | Qual | Limits | RPD | Qual | Limits | Column |
| Polychlori | nated Biphenyls by GC - Westborou | ıgh Lab Associa | ted sample(s): | 01 | Batch: | WG1207373-2 | WG1207373-3 | 1 | | | |
| Aroclor | 1016 | 95 | | | 95 | | 40-140 | 1 | | 50 | А |
| Aroclor | 1260 | 103 | | | 106 | | 40-140 | 3 | | 50 | А |

| | LCS | LCSD | Acceptance | |
|------------------------------|-------------|------------------|--------------|--------|
| Surrogate | %Recovery G | Qual %Recovery Q | ual Criteria | Column |
| 2,4,5,6-Tetrachloro-m-xylene | 111 | 110 | 30-150 | В |
| Decachlorobiphenyl | 110 | 113 | 30-150 | В |
| 2,4,5,6-Tetrachloro-m-xylene | 112 | 111 | 30-150 | A |
| Decachlorobiphenyl | 96 | 100 | 30-150 | A |



INORGANICS & MISCELLANEOUS



 Lab Number:
 L1905725

 Report Date:
 02/19/19

 Project Name:
 AMTRAK OU-5

 Project Number:
 0055.0050Y008

SAMPLE RESULTS

| Lab ID: Client ID: Sample Location: | L1905725-0 MH-40_SEE SUNNYSID | DIMENT | QUEENS | S, NY | | Date Collected: Date Received: Field Prep: | | |)2/13/19 09:05)2/13/19 Not Specified | |
|---|-------------------------------------|-----------|--------|-------|-----|--|------------------|------------------|---|---------|
| Sample Depth: Matrix: | Soil | | | | | | | | | |
| Parameter | Result | Qualifier | Units | RL | MDL | Dilution Factor | Date Prepared | Date Analyzed | Analytical Method | Analyst |
| General Chemistry - Wes | stborough Lat |) | | | | | | | | |
| Solids, Total | 76.8 | | % | 0.100 | NA | 1 | - | 02/14/19 11:18 | 121,2540G | RI |



| Project Name: Project Number: | AMTRAK OU-5 0055.0050Y008 | La | ab Duplicate Analy Batch Quality Control | | | ab Numbe eport Date | 21303723 |
|----------------------------------|------------------------------|---------------|---|-------|-----|------------------------|------------|
| Parameter | | Native Sample | Duplicate Sample | Units | RPD | Qual | RPD Limits |

| General Chemistry - Westborough Lab Associ | ated sample(s): 02 QC Batch ID: | WG1206680-1 | QC Sample: | L1905633-01 | Client ID: DUP Sample | |
|--|---------------------------------|-------------|------------|-------------|-----------------------|--|
| Solids, Total | 89.8 | 88.5 | % | 1 | 20 | |



 Project Name:
 AMTRAK OU-5

 Project Number:
 0055.0050Y008

Serial_No:02191918:23 *Lab Number:* L1905725 *Report Date:* 02/19/19

Sample Receipt and Container Information

Were project specific reporting limits specified?

YES

Cooler Information

| Cooler | Custody Seal |
|--------|--------------|
| A | Absent |

Container Information

| Container into | rmation | | Initial | Final | Temp | | | Frozen | |
|----------------|-----------------------------|--------|---------|-------|-------|------|--------|-----------|----------------------|
| Container ID | Container Type | Cooler | pН | pН | deg C | Pres | Seal | Date/Time | Analysis(*) |
| L1905725-01A | Amber 1000ml unpreserved | А | 7 | 7 | 5.4 | Y | Absent | | NYTCL-8082-1200ML(7) |
| L1905725-01B | Amber 1000ml unpreserved | А | 7 | 7 | 5.4 | Y | Absent | | NYTCL-8082-1200ML(7) |
| L1905725-02A | Glass 250ml/8oz unpreserved | А | NA | | 5.4 | Y | Absent | | TS(7),NYTCL-8082(14) |



Serial_No:02191918:23

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Lab Number: L1905725 Report Date: 02/19/19

Acronyms

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

GLOSSARY

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

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum. Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Waterpreserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'. Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

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

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total'

Report Format: DU Report with 'J' Qualifiers



Project Name:AMTRAK OU-5Project Number:0055.0050Y008

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result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A Spectra identified as "Aldol Condensation Product".
- B The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentrations of the analyte at less than ten times (10x) the concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For NJ- Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- **D** Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.
- H The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I The lower value for the two columns has been reported due to obvious interference.
- J Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P The RPD between the results for the two columns exceeds the method-specified criteria.
- Q The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- **R** Analytical results are from sample re-analysis.
- **RE** Analytical results are from sample re-extraction.
- **S** Analytical results are from modified screening analysis.





Project Name:AMTRAK OU-5Project Number:0055.0050Y008

 Lab Number:
 L1905725

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REFERENCES

- 1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.
- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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



Certification Information

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

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene **EPA 8260C:** <u>NPW</u>: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; <u>SCM</u>: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene. **EPA 8270D:** <u>NPW</u>: Dimethylnaphthalene,1,4-Diphenylhydrazine; <u>SCM</u>: Dimethylnaphthalene,1,4-Diphenylhydrazine.

EPA 6860: SCM: Perchlorate

SM4500: <u>NPW</u>: Amenable Cyanide; <u>SCM</u>: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility

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

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

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; EPA 353.2: Nitrate-N, Nitrite-N; SM4500NO3-F: Nitrate-N, Nitrite-N; SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B EPA 332: Perchlorate; EPA 524.2: THMs and VOCs; EPA 504.1: EDB, DBCP. Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D.

Non-Potable Water

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

Mansfield Facility:

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

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

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

Serial_No:02191918:23

| Дерна | NEW YORK CHAIN OF CUSTODY | Service Centers Mahwah, NJ 07430: 35 Whitne Albany, NY 12205: 14 Walker Tonawanda, NY 14150: 275 C | Way | 15 | Page | | | Date Rec'd in Lab | | 21 | 141 | 119 | ALPHA JOB # L/905725 | |
|---|--|---|---|----------------|------------------|----------------------------|------------|----------------------|---------|------|---------|----------|---|------------|
| Westborough, MA 01581 | Mansfield, MA 02048 | Project Information | | | | | Deliv | erables | | | | | Billing Information | |
| 8 Walkup Dr. TEL: 508-898-9220 | 320 Forbes Blvd TEL: 508-822-9300 | | TRAK 2 | 00-5 | | | | ASP-A | | | ASP-B | | Same as Client Info | |
| FAX: 508-898-9193 | FAX: 508-822-3288 | Project Location: Su | | | VEENS . | NY | | EQuIS (1 F | ile) | | | (4 File) | PO# | |
| Client Information | | Project # 0055 | | | | 1.4/ | | Other | | 66 | | A | 1919-201 | |
| Client: ROUX ENV.EN | G. EGEOLOGY, DPC | (Use Project name as P | | / 0 | | | Requ | latory Requi | remer | nt | | | Disposal Site Information | |
| Address: 209 SHE | and the second se | | and the second se | NILLS | | | | NY TOGS | | | NY Part | 375 | Please identify below location of | |
| ISLANDIA, N | and the second state of th | ALPHAQuote #: | | | | | | AWQ Standa | rds | | NY CP- | 51 | applicable disposal facilities. | |
| Phone: 631-23 | A CONTRACTOR OF A CONTRACTOR O | Turn-Around Time | | CAMPAGE 72 | WIES-RA | | | NY Restricted | l Use | | Other | 1 | Disposal Facility: | ******* |
| Fax: 631-23 | the second s | Standar | d | Due Date: | | | Π | NY Unrestrict | ed Use | | | 9 | | |
| Email: JWILLSCOP | OVAINC. COM | Rush (only if pre approve | | # of Days: | | | | NYC Sewer D | Dischar | ge | | | Other: | |
| These samples have b | een previously analyz | ed by Alpha | | | | | ANA | LYSIS | | | | | Sample Filtration | Т |
| Other project specific Please specify Metals | | nents: | | | | | CBS | | | | | | Done Lab to do Preservation Lab to do (Please Specify below) | otal Bo. |
| ALPHA Lab ID (Lab Use Only) | Sa | ample ID | Colle | ection Time | Sample Matrix | Sampler's Initials | d | | | | | | Sample Specific Comments | |
| 05725 01 | MHZ | 40_WATER | 2-13-19 | | | | V | | _ | | - | | sample specific comments | e |
| SUL | MH- | 10. SEDIMENT | 2-13-19 | 0905 | SW | AF | X | | | | - | - | | 2 |
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| A CONTRACTOR | | | | | | | | | - | | - | | | \vdash |
| Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH | Container Code P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup | Westboro: Certification I Mansfield: Certification I | | | | tainer Type reservative | AA | | | | - | | Please print clearly, legibl and completely. Samples not be logged in and turnaround time clock will | can not |
| F = MeOH | C = Cube | Relinguished | Bv: | Date/1 | ſime | | Receiv | /ed By: | | | Date/T | ïme | start until any ambiguities resolved. BY EXECUTING | |
| G = NaHSO ₄ H = Na ₂ S ₂ O ₃ | O = Other E = Encore D = BOD Bottle | Derzant | ROUX | 2/13/19 | 13:45 | Gà | B | - | | 2/13 | 3/14 | 1340 | THIS COC, THE CLIENT HAS READ AND AGREE | |
| K/E = Zn Ac/NaOH O = Other | | D. Santos | AAI | 2/13/19 | 1340 | - | <u>Dan</u> | ites k | 391 | | 13/19 | 1900 | TO BE BOUND BY ALPH TERMS & CONDITIONS. | A'S |
| Form No: 01-25 HC (rev. 3) | 0-Sept-2013) | | | ddit | 6-150 | | 0 | | | - | 4 | | (See reverse side.) | |

APPENDIX H

Combined Sewer Cleaning per CPR068 (MH-40 to Siphon) – Tutor Perini

CQ033-Midday Storage Yard - 06535

Tel: Fax: 29-76 Northern Blvd; Ground Level

Long Island City, NY 11101-2713

| Transmitted To: | | Date Sent: | Transmitted For: | | |
|--|--|------------|------------------|---------------|--|
| Ricky Chan | | 3/1/21 | For Approval | | |
| MTACC East Side Access | | Date Due: | Transmitted By: | Delivered By: | |
| 29-76 Northern Blvd. 5th Floor Long Island City, NY 11101 | | 3/15/21 | Karla Contreras | Skire | |
| Tel: Fax: | | | | | |

Description:

Comb. Sewer Cleaning per CPR068

| Item # | Qty. | Description: | Spec. | Rev # | Drawing No. | Action: |
|--------|------|---------------------------------|------------|-------|-------------|-----------|
| 0001 | 1 | Comb. Sewer Cleaning per CPR068 | 02112-1.07 | 0 | | Submitted |

Remarks:

Copies To:



Submittal Transmittal #: 5667 Printed on: 3/1/2021

TUTOR PERINI CORPORATION

MTACC/LIRR East Side Access

<u>Contract No. CQ033</u> <u>Mid-Day Storage Yard Facility</u>

Location: Long Island City, NY

SUBMITTAL COVER SHEET

| DESCRIPTION: | Combined Sewer Cleaning per CPR068 | | | | | |
|---------------------|------------------------------------|------------------------|----------|--|--|--|
| SPEC SECTION NO: | 02112 | PARA NO: | 1.07 | | | |
| SUBMITTAL NO: | 02112-089 | DATE: | 3/1/2021 | | | |
| REVISION NO: | 0 | INITIAL: | RK | | | |
| SUBCONTRACTOR: | Environmental Waste Min | inmization, Inc. (EWMI |) | | | |
| CHECKED BY: | Chris Boon QC Manager | vie Boor | | | | |
| PLAN DWG REF: | | N/A | | | | |

NOTES: EWMI is broker for the Waste Management disposal Site. This work was performed by TPC per CPR-068. **Tutor Perini Civil Group CQ-033 Mid-Day Storage Yard Facility** 29-76 Northern Blvd Long Island City, NY 11101 Tel: 718-433-4074 Fax: 718-361-1572



Over a Century of Excellence

February 11, 2021

MTACC East Side Access 29-76 Northern Blvd, 5th Floor Long Island City, NY 11101

Attn: Mr. Ricky Chan - Construction Manager

Re: CQ-033 – Mid-Day Storage Yard Facility Cleaning of Combined Sewer Box Structure

Dear Mr. Chan,

Please be advised that the combined sewer box structure (Figure 1) located from the mid-day yard to the siphon on Northern Blvd has been cleaned by TPC, as requested in CPR-068. Samples of sediment were collected by Tectonic Engineering in the location seen in Figure 2. The samples were then analyzed and determined to be non-hazardous. Silt was removed from the manhole by TPC via workers and a vacuum truck, and a weir was reconstructed for protection of the siphon, as shown in Photograph 1 and 2. This work began on November 10, 2020 and was completed on November 24, 2020. The non-hazardous sewer-impacted soil was transported by Waste Management to the Fairless Landfill. The total tonnage removed from the site across the two-week time period was 485.17 tons. This can be found in the attached Manifests.

Should you have any questions regarding this submittal, please contact me at 347-978-1615.

Sincerely, Tutor Perini Corporation

Richard Karpinski Environmental Manager



Photographs

Tutor Perini



Photograph 1: Sewer structure with weir



Photograph 2: Sewer after cleaning



Appendix



Figures

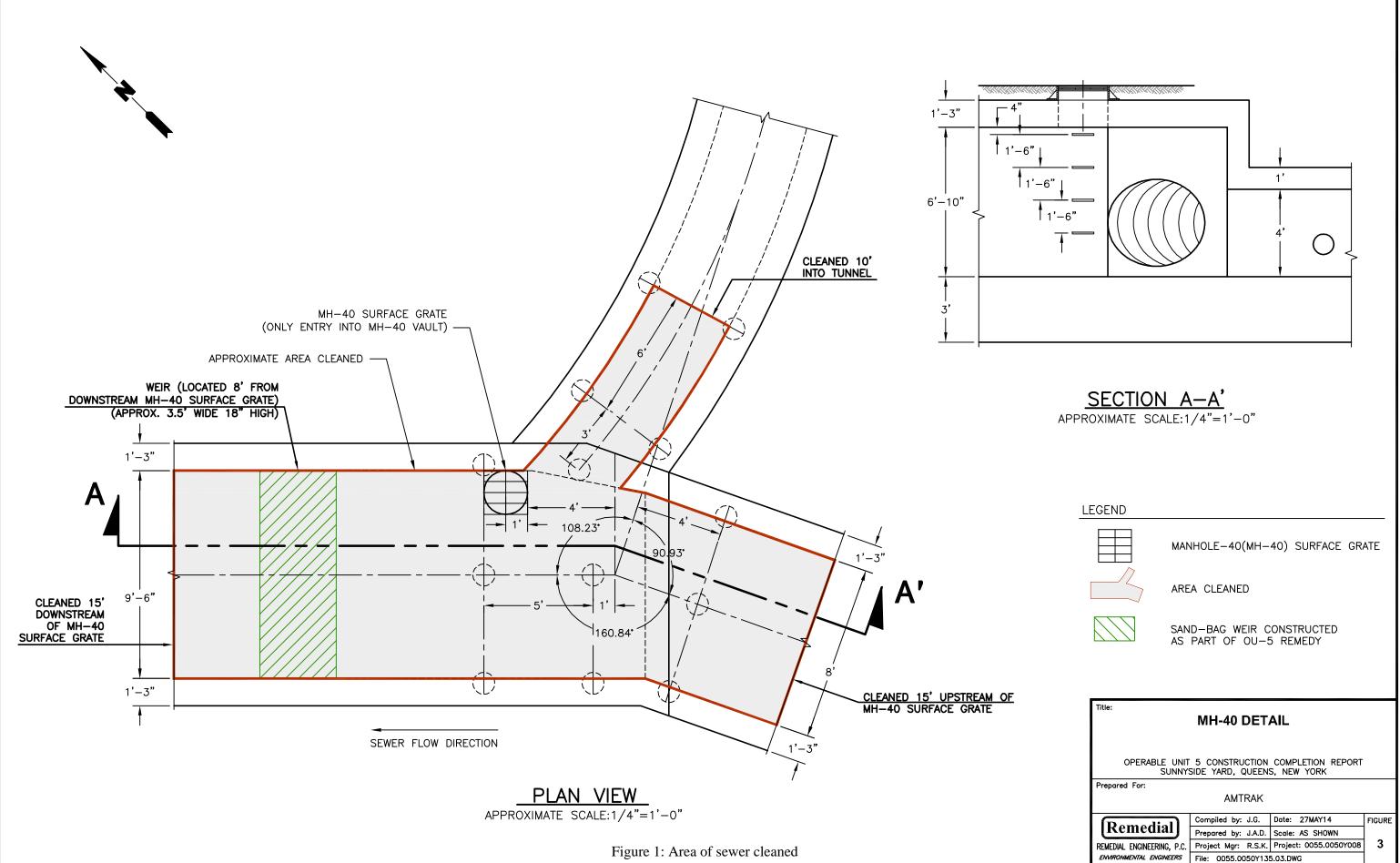


Figure 1: Area of sewer cleaned

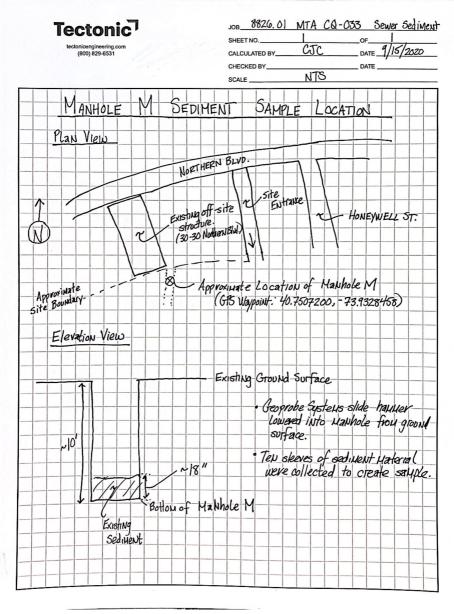


Figure 2: Sketch of sample location

Scanned with CamScanner



Manifests

| Facility | # of Loads | Total Tonnage (corrected for light loads) | Average Tonnage | |
|-----------------|-------------|---|-----------------|--|
| Overpeck | 0 | 0.00 | #DIV/0! | |
| Griffin | 0 | 0.00 | #DIV/0! | |
| Zinc | 0 | 0.00 | #DIV/0! | |
| DARP ALT | 0 | 0.00 | #DIV/0! | |
| DARP Clean | 0 | 0.00 | #DIV/0! | |
| PPark | 0 | 0.00 | #DIV/0! | |
| Bayshore | 0 | 0.00 | #DIV/0! | |
| Drum Disposal | 0 | | | |
| New DARP Alt | 0 | 0.00 | #DIV/0! | |
| Day of Holiday | 0 | 0.00 | #DIV/0! | |
| Kingsland | 0 | 0.00 | #DIV/0! | |
| Sewage 1 Turn | 0 | 0.00 | #DIV/0! | |
| Sewage 2 Turn | 20 | 485.17 | 24.26 | |
| Sewage Disposal | 0 | 0.00 | #DIV/0! | |
| | Total Loads | Total Tonnage (23 ton mins) | Average Tonnage | |
| | 0 | 0.00 | #DIV/0! | |

| Date | Facility | Number of Loads | Total Tonnage (corrected for light loads) | Average Tonnage |
|-----------|---------------|-----------------|---|-----------------|
| 1/13/2021 | Sewage 2 Turn | 10 | 248.79 | 24.88 |
| 1/14/2021 | Sewage 2 Turn | 10 | 236.38 | 23.64 |

| Total # of Loads: | 10 | Wet Surcharge Tonnage: | 0.00 |
|------------------------|--------|--|--------|
| Total Tonnage Shipped: | 248.79 | Light Load Surcharge Tonnage: | 0 |
| Average Tons per Load: | 24.879 | Total Tonnage (corrected for light loads): | 248.79 |

| Load# | Date | transporter | Truck # | Facility | Time In | Time Out | Manifest | Tons |
|-------|-----------|-------------|---------|---------------|---------|----------|----------|-------|
| 1 | 1/13/2021 | CUENCA | 13 | Sewage 2 Turn | 7:00 | 7:05 | WMNA 1 | 24.55 |
| 2 | 1/13/2021 | CUENCA | 47 | Sewage 2 Turn | 7:05 | 7:10 | WMNA 2 | 23.33 |
| 3 | 1/13/2021 | CUENCA | 4 | Sewage 2 Turn | 7:10 | 7:15 | WMNA 3 | 22.57 |
| 4 | 1/13/2021 | CUENCA | 65 | Sewage 2 Turn | 7:15 | 7:20 | WMNA 4 | 22.13 |
| 5 | 1/13/2021 | CUENCA | 5 | Sewage 2 Turn | 7:20 | 7:30 | WMNA 5 | 23.21 |
| 6 | 1/13/2021 | CUENCA | 13 | Sewage 2 Turn | 12:30 | 12:35 | WMNA 6 | 27.51 |
| 7 | 1/13/2021 | CUENCA | 47 | Sewage 2 Turn | 12:35 | 12:40 | WMNA 7 | 27.16 |
| 8 | 1/13/2021 | CUENCA | 4 | Sewage 2 Turn | 12:40 | 12:45 | WMNA 8 | 26.11 |
| 9 | 1/13/2021 | CUENCA | 65 | Sewage 2 Turn | 12:45 | 12:50 | WMNA 9 | 26.57 |
| 10 | 1/13/2021 | CUENCA | 5 | Sewage 2 Turn | 12:50 | 13:00 | WMNA 10 | 25.65 |
| 11 | | | | | | | | |

| Total # of Loads: | 10 | Wet Surcharge Tonnage: | 0.00 |
|------------------------|--------|--|--------|
| Total Tonnage Shipped: | 236.38 | Light Load Surcharge Tonnage: | 3.05 |
| Average Tons per Load: | 23.638 | Total Tonnage (corrected for light loads): | 239.43 |

| Load# | Date | transporter | Truck # | Facility | Time In | Time Out | Manifest | Tons | Light Tonange |
|-------|-----------|-------------|---------|---------------|---------|----------|----------|-------|---------------|
| 1 | 1/14/2021 | CUENCA | 13 | Sewage 2 Turn | 7:00 | 7:05 | WMNA 11 | 24.56 | |
| 2 | 1/14/2021 | CUENCA | 47 | Sewage 2 Turn | 7:05 | 7:10 | WMNA 12 | 25.70 | |
| 3 | 1/14/2021 | CUENCA | 4 | Sewage 2 Turn | 7:10 | 7:15 | WMNA 13 | 25.55 | |
| 4 | 1/14/2021 | CUENCA | 5 | Sewage 2 Turn | 7:15 | 7:20 | WMNA 14 | 25.11 | |
| 5 | 1/14/2021 | CUENCA | 63 | Sewage 2 Turn | 7:20 | 7:30 | WMNA 15 | 23.88 | |
| 6 | 1/14/2021 | CUENCA | 13 | Sewage 2 Turn | 12:30 | 12:35 | WMNA 16 | 23.40 | |
| 7 | 1/14/2021 | CUENCA | 47 | Sewage 2 Turn | 12:35 | 12:40 | WMNA 17 | 23.45 | |
| 8 | 1/14/2021 | CUENCA | 4 | Sewage 2 Turn | 12:40 | 12:45 | WMNA 18 | 23.22 | |
| 9 | 1/14/2021 | CUENCA | 5 | Sewage 2 Turn | 12:45 | 12:50 | WMNA 19 | 22.56 | |
| 10 | 1/14/2021 | CUENCA | 63 | Sewage 2 Turn | 12:50 | 13:00 | WMNA 20 | 18.95 | 3.05 |



Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING 14 BRICK KILN CT NORTHAMPTON, PA, 18067

| NORTHAMPTON, PA, 18067 | |
|---|--|
| Tkt Date 01/13/2021 Pay Type Credit Account Chk# Billing# 0000926 Acc Tons 47.88 Man Tk# PO# 111672 | Vehicle# 13 Volume Trailer# License# AU883L Driver Haul Tk# Dest |
| Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI EPA ID NA Manifest 000001 Route | Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT Waste # 506 Origin #/County NY/NEW YORK (State of),NY Origin Name NEW YORK Grid F3 01-13-21 |
| Scale-Cert Time Date Operator In 01/13/2021 09:23 FAIRLESS_LAB_ Out 01/13/2021 10:14 FAIRLESS_LANE B Donovan 8 Comments | Operation Type-Inbound Inbound Gross 77540 lb Tare 28440 lb 6176 Net 49100 lb Tons 24.55 |
| | |

| Prod | luct | LD% | Qty | UOM | Rate | Tax | Amount | Origin |
|------|------------------|-----|-------|------|------|-----|--------|--------|
| 1 | Cont Soil Sp. WT | 100 | 24.55 | Tons | | | | NY |

| Total | Tax | |
|-------|--------|--|
| Total | Ticket | |
| | | |



NON-HAZARDOUS MANIFEST

| NON-HAZARDOUS MANIFEST | 1. Generator's US I | | | c No. | 2. Page : | | | | |
|---|--|--|--|--|---------------------------------|------------------------------|-------------------------|---------------------------------------|-------------------------|
| 3. Generator's Mailing Address: | | anoratoria Cit. a Li | | | | | | | |
| MTACC EAST SIDE ACCES | | enerator's Site Addres | S (If different than | mailing): | A. Manif | est Number | 000 | 0001 | |
| | | | | ~~>> | v | MNA | | | |
| | | | | | | | e Generat | or's ID | |
| LONG ISLAND CITY, 1110 | | ounty: QUEEN | CULLINS, INY | 11101 | | | | | |
| 4. Generator's Phone 631-332 | -9526 | COLLIN. | | | | | | | |
| 5. Transporter 1 Company Name | | 6. US EF | A ID Number | | | | | | ing all and |
| Wenca Gron | uel#L | 3 | | | C. State T | ransporter's | ID | | 20.030 |
| 7. Transporter 2 Company Name | | | A ID Number | | | orter's Phone | | | |
| HU 883 L | | US EI | A ID Number | | F State T | ransporter's I | | | investe als |
| 9. Designated Facility Name and Site A | ddross | | | | | orter's Phone | | | |
| Rairless Landfills | 1001 622 | 10. US E | PA ID Number | | | | | | |
| 1000 New Ford Mill Rd | | | | | G. State F | | | | |
| Morrisville, PA 19067 | | | | | H. State F | acility Phone | | | |
| | | | | | | | | | |
| 11. Description of Waste Materials | | · · · · · · · · · · · · · · · · · · · | | ntainers | 13. Total | 14. Unit | T | | |
| NON-HAZARDOUS SEV | VAGE IMPACT | | No. | Туре | Quantity | Wt./Vol. | L | Misc. Comm | ients |
| NON-HAZARDOUS SEV | Northe, n | RId | 001 | 61 | $\{ i_{i}, i_{j} \}$ | | | | |
| VM Profile # 489225PA | F | | | | | | ALCONT OF THE | | to a star star |
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| l. VM Profile # | Listed Above | | K. Disposa | Location | | | | | |
| I. VM Profile # . Additional Descriptions for Material: | | | K. Disposa | I Location | | | | | |
| VM Profile # Additional Descriptions for Material: | | 11ZATION, INC. | Cell | I Location | | | Level | | |
| I. VM Profile # Additional Descriptions for Materials BILL TO: ENVIRONMENTA 5. Special Handling Instructions and Ad | L WASTE MININ | IZATION, INC. | | l Location | | | Level | | |
| VM Profile # Additional Descriptions for Materials BILL TO: ENVIRONMENTA 5. Special Handling Instructions and Ad | L WASTE MININ | 1IZATION, INC. | Cell | I Location | | | Level | | |
| VM Profile # Additional Descriptions for Materials BILL TO: ENVIRONMENTA 5. Special Handling Instructions and Ad archase Order # | L WASTE MININ | 1IZATION, INC. EMERGENCY CO | Cell Grid | | | | Level | | |
| M Profile # Additional Descriptions for Materials BILL TO: ENVIRONMENTA Special Handling Instructions and Ad rchase Order # . GENERATOR'S CERTIFICATE: | AL WASTE MININ | EMERGENCY CO | Cell Grid DNTACT / PHO | NE NO.: | | | |] | |
| VM Profile # Additional Descriptions for Materials BILL TO: ENVIRONMENTA 5. Special Handling Instructions and Ad urchase Order # 5. GENERATOR'S CERTIFICATE: hereby certify that the above-described curately described, classified and pack | AL WASTE MININ ditional Information | EMERGENCY CO | Cell Grid | NE NO.: | any applicabl | le state law, f | | n fully and | |
| M Profile # Additional Descriptions for Materials BILL TO: ENVIRONMENTA Special Handling Instructions and Ad rchase Order # GENERATOR'S CERTIFICATE: ereby certify that the above-described curately described, classified and pack | AL WASTE MININ ditional Information | EMERGENCY CO azardous wastes as de per condition for trans | Cell Grid DNTACT / PHOI | NE NO.: Vert 261 or a | any applicable plicable regu | le state law, k lations. | have bee | | |
| M Profile # Additional Descriptions for Materials BILL TO: ENVIRONMENTA Special Handling Instructions and Ad rchase Order # GENERATOR'S CERTIFICATE: ereby certify that the above-described urately described, classified and pack ned Name TEN LIN | AL WASTE MININ ditional Information | EMERGENCY CO | Cell Grid DNTACT / PHOI | NE NO.: Vert 261 or a | any applicabl | le state law, k lations. | have been Month | Day | Year |
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| /M Profile # Additional Descriptions for Materials BILL TO: ENVIRONMENTA Si Special Handling Instructions and Ad rchase Order # GENERATOR'S CERTIFICATE: ereby certify that the above-described urately described, classified and pack nted Name Transporter 1 Acknowledgement of R Dinted Name | AL WASTE MININ ditional Information ditional dition | EMERGENCY CO azardous wastes as de per condition for trans | Cell Grid DNTACT / PHOI | NE NO.: Vert 261 or a | any applicabl | le state law, f | have been Month | Day | Year |
| /M Profile # Additional Descriptions for Materials BILL TO: ENVIRONMENTA Special Handling Instructions and Ad rchase Order # GENERATOR'S CERTIFICATE: ereby certify that the above-described; curately described; classified and pack nted Name Transporter 1 Acknowledgement of R Transporter 2 Acknowledgement of R | AL WASTE MININ ditional Information ditional dition | EMERGENCY Co azardous wastes as de per condition for trans Signature "On beh | Cell Grid DNTACT / PHOI | NE NO.: Part 261 or a | any applicabl | le state law, h | have been Month | Day 13 | Year 2/ |
| /M Profile # Additional Descriptions for Materials BILL TO: ENVIRONMENTA Special Handling Instructions and Ad rchase Order # GENERATOR'S CERTIFICATE: ereby certify that the above-described; curately described, classified and pack nted Name Transporter 1 Acknowledgement of R Ginted Name Transporter 2 Acknowledgement of R | AL WASTE MININ ditional Information ditional dition | EMERGENCY Co azardous wastes as de per condition for trans Signature "On beh | Cell Grid DNTACT / PHOI | NE NO.: Part 261 or a | any applicable plicable regu | le state law, f | have been Month | Day 13 Day 13 | Year 2/ Year 2 |
| Additional Descriptions for Materials SILL TO: ENVIRONMENTA Special Handling Instructions and Ad rchase Order # GENERATOR'S CERTIFICATE: ereby certify that the above-described urately described, classified and pack inted Name Transporter 1 Acknowledgement of R inted Name Transporter 2 Acknowledgement of R Printed Name | AL WASTE MININ ditional Information ditional Informatio ditional Information ditional Information ditional Informa | EMERGENCY Co azardous wastes as de per condition for trans Signature "On beh Signature | Cell Grid DNTACT / PHOI | NE NO.: Part 261 or a | any applicable plicable regu | le state law, H lations. | have been Month O | Day 13 | Year 2/ |
| Additional Descriptions for Materials SILL TO: ENVIRONMENTA . Special Handling Instructions and Ad rchase Order # . GENERATOR'S CERTIFICATE: ereby certify that the above-described rurately described, classified and pack inted Name Transporter 1 Acknowledgement of R inted Name Transporter 2 Acknowledgement of R Printed Name Certificate of Final Treatment/Dispose | AL WASTE MININ ditional Information dimaterials are not h aged and are in prop model ecceipt of Materials mene 2 ecceipt of Materials | EMERGENCY Co azardous wastes as de per condition for trans Signature "On beh Signature Signature | Cell Grid | NE NO.: art 261 or a rding to ap TV | plicable regu | lations. | Month | Day 13 Day Day | Year 2/ Year 2 |
| Additional Descriptions for Materials Additional Descriptions for Materials BILL TO: ENVIRONMENTA . Special Handling Instructions and Ad rchase Order # . GENERATOR'S CERTIFICATE: ereby certify that the above-described urately described, classified and pack inted Name Printed Name Transporter 1 Acknowledgement of R Printed Name Certificate of Final Treatment/Dispose rtify, on behalf of the above listed treat | AL WASTE MININ ditional Information aged and are in prop manual and | EMERGENCY Co azardous wastes as de per condition for trans Signature "On beh Signature Signature | Cell Grid | NE NO.: art 261 or a rding to ap TV | plicable regu | lations. | Month | Day 13 Day Day | Year 2/ Year 2 |
| /M Profile # Additional Descriptions for Materials BILL TO: ENVIRONMENTA Special Handling Instructions and Ad rchase Order # GENERATOR'S CERTIFICATE: ereby certify that the above-described; urately described, classified and pack ntransporter 1 Acknowledgement of R vinted Name Transporter 2 Acknowledgement of R rinted Name Certificate of Final Treatment/Dispose rtify, on behalf of the above listed treat licable laws, regulations, permits and I | AL WASTE MININ ditional Information ditional Informatio ditional Information ditional Information ditional Informa | EMERGENCY Co azardous wastes as de per condition for trans Signature "On beh Signature Signature bignature | Cell Grid | NE NO.: art 261 or a TYT | plicable regu | lations. | Month | Day 13 Day Day | Year 2/ Year 2 |
| /M Profile # Additional Descriptions for Materials SILL TO: ENVIRONMENTAL Special Handling Instructions and Ad archase Order # GENERATOR'S CERTIFICATE: ereby certify that the above-described curately described, classified and pack inted Name Printed Name Certificate of Final Treatment/Disposa rtify, on behalf of the above listed treat fit, on behalf of the above listed treat fit cable laws, regulations, permits and I Fadility Owner of Operator Ceptificate | AL WASTE MININ ditional Information ditional Informatio ditional Information ditional Information ditional Informa | EMERGENCY Co azardous wastes as de ber condition for trans Signature "On beh Signature Signature Signature bignature the best of my knowl listed above. hazardous materials co | Cell Grid | NE NO.: art 261 or a TYT | plicable regu | lations. | Month | Day 13 Day Day | Year 2/ Year 2 |
| I. VM Profile # Additional Descriptions for Materials BILL TO: ENVIRONMENTA 5. Special Handling Instructions and Ad urchase Order # 5. GENERATOR'S CERTIFICATE: hereby certify that the above-described curately described, classified and pack inted Name TEN 21 Construction Constr | AL WASTE MININ ditional Information ditional Informatio ditional Information ditional Information ditional Informa | EMERGENCY Co azardous wastes as de per condition for trans Signature "On beh Signature Signature bignature | Cell Grid | NE NO.: art 261 or a TYT | plicable regu | lations. | Month | Day 13 Day Day | Year 2/ Year 2 |
| | AL WASTE MININ ditional Information ditional Information dimaterials are not h aged and are in prop modulation ecceipt of Materials ecceipt of Materials discusses on the dates on a receipt of non- | EMERGENCY Co azardous wastes as de ber condition for trans Signature "On beh Signature Signature bignature bignature bignature bignature bignature bignature Signature Signature Signature | Cell Grid DNTACT / PHOI offined by CFR P portation acco alfoft M M M M M M M M M M M M M M M M M M M | NE NO.: art 261 or a TYT | waste was | managed in c | Month | Day 13 Day Day e with all | Year 2/ Year 2 |
| M Profile # Additional Descriptions for Materials BILL TO: ENVIRONMENTA Superior Su | AL WASTE MININ ditional Information ditional Information dimaterials are not h aged and are in prop modulation ecceipt of Materials ecceipt of Materials discusses on the dates on a receipt of non- | EMERGENCY Co azardous wastes as de ber condition for trans Signature "On beh Signature Signature Signature bignature the best of my knowl listed above. hazardous materials co | Cell Grid DNTACT / PHOI offined by CFR P portation acco alf of M M edge, the abov overed by this #2 COPY | NE NO.: art 261 or a TYT | waste was | lations. | Month | Day 13 Day Day e with all | Year 2/ Year 2 |



Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING 14 BRICK KILN CT NORTHAMPTON, PA, 18067

| NORTHAMPTON, PA, 18067 | |
|---|--|
| Tkt Date 01/13/2021 Pay Type Credit Account Chk# Billing# 0000926 Acc Tons 47.88 Man Tk# PO# 111672 | Vehicle# 47 Volume Trailer# License# Driver Haul Tk# Dest |
| Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI EPA ID NA Manifest 000002 Route | Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT Waste # 506 Origin #/County NY/NEW YORK (State of),NY Origin Name NEW YORK Grid F3 01-13-21 |
| Scale-Cert Time Date Operator In 01/13/2021 09:25 FAIRLESS_LAB_ Out 01/13/2021 10:15 FAIRLESS_LANE B Donovan 8 | Operation Type-Inbound Inbound Gross 75520 lb Tare 28860 lb 6176 Net 46660 lb Tons 23.33 |
| Comments | |

| Product | LD% | Qty | UOM | Rate | Tax | Amount | Origin |
|-------------------|--------|-------|------|------|-----|--------|--------|
| 1 Cont Soil Sp. W | -T 100 | 23.33 | Tons | | | | NY |

| Total | Tax | |
|-------|--------|--|
| Total | Ticket | |
| | | |

| W | 1. General | or's US EPA | AZARD | fest Doc No | | 2. Page 1 of | 1 | |
|-------------|--|----------------|--|------------------|------------------|----------------------------------|----------------------------|--|
| | NON-HAZARDOUS MANIFEST | | rator's Site Address (If diffe | erent than mail | ing): | A. Manifest | Number | 000002 |
| 3 | 3. Generator's Mailing Address: | Gene | ACD EAST SIDE ACCH | ESS | | WN | | |
| r | MTACC EAST SIDE ACCESS | MTA | MID-DAY STORAGE | | 101 | | B. State | Generator's ID |
| | 29-76 NORTHERN BLVD 5 TH FL | | NYSIDE YARD, QUEE | NS, NY 11 | .101 | | | |
| | LONG ISLAND CITY, 11101 | Cou | inty: QUEENS | | | | | and the second second second second second |
| 4 | 4. Generator's Phone 631-332-9526 5. Transporter 1 Company Name | | 6. US EPA ID | Number | | C. State Tr | ansporter's I | ID |
| | 5. Transporter I company note | 1 | | | | D. Transpo | rter's Phone | |
| 1 | 7. Transporter 2 Company Name | 3 | 8. US EPA ID | Number | | C. Chata Tr | ansporter's | ID |
| | Cingal - AS7 | 11 A | | | | | rter's Phone | |
| | 9. Designated Facility Name and Site Address | | 10. US EPA I | D Number | | | | |
| | Fairless Landfills | | | | | G. State Fa | cility ID acility Phone | a |
| | 1000 New Ford Mill Rd | | | A Contraction | | n. state re | | |
| | Morrisville, PA 19067 | | | | | | | T |
| GL | 11. Description of Waste Materials | | | 12. Cor No. | ntainers Type | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments |
| N- | | IMPACT | ED SOILS | 001 | dir. | .53 ×2 | - 25 | |
| E R | a. NON-HAZARDOUS SEWAGE | d | n na sana na s | | | | | |
| A | WM Profile # 489225PAE | | | | | | | |
| T O | b. | | | Table Statistics | C HORING IC NO. | | | |
| R | WM Profile # | | | | | C. The first state of the second | | |
| | с. | | | | | | | |
| + | WM Profile #d. | | | | | | | |
| | WM Profile # | | | | | | | |
| ł | J. Additional Descriptions for Materials Lister | Above | | K. Dispo | sal Locatio | on | | |
| | | | | Cell Grid | | | | Level |
| | BILL TO: ENVIRONMENTAL W. | | | Griu | | | | |
| | 15. Special Handling Instructions and Addition | al Informatic | 11 | | | | | |
| | | | | | | | | |
| | Purchase Order # | | EMERGENCY CO | ONTACT / PH | HONE NO. | | | |
| | 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described mat | | the sector waster as de | ofined by CF | R Part 26 | 1 or any appli | cable state l | law, have been fully and |
| | I hereby certify that the above-described man accurately described, classified and packaged | and are in p | | | | | regulations. | Month Day |
| | Printed Name | 1 | Signature "On beh | half of " 1V | IIA- | BIT | | 1 /3 |
| | Tenzin Lhoundu | () | the | 20 | | | | 1 17 |
| T R | A 1 | pt of Materia | Signature | | 1 | | | Month Day |
| A N | Printed Name Almagu | ~ | Signature | fle | ナ | | | 1 13 |
| S P O | 18 Transporter 2 Acknowledgement of Recei | | | | / | | | Month Day |
| R T | Printed Name | | Signature | | | | | |
| E R | 1 | | | | | | | |
| F | 19. Certificate of Final Treatment/Disposal | unt facility + | hat to the hest of my know | wledge, the | above-de: | scribed waste | was manag | ged in compliance with a |
| A | and lice in the laws regulations nermits and lice | ises on the c | lates listed above. | | | | | |
| L | 20. Facility Owner or Operator: Certification | of receipt of | f non-hazardous materials | covered by | this mani | fest. | | Month Day |
| 1.1 | Printed Name | | Signature | | | | | 1 63 |
| Y | | | Blue- GENERATO | OR #2 COPY | | | Yellow- GEN | VERATOR #1 COPY |
| | White-TREATMENT, STORAGE, DISPOSAL FA | CILITY COPT | Dide Garters | | | | | |



Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING 14 BRICK KILN CT NORTHAMPTON, PA, 18067

| NORTHAMPTON, PA, 18067 | |
|---|--|
| Tkt Date 01/13/2021 Pay Type Credit Account Chk# Billing# 0000926 Acc Tons 115.79 Man Tk# PO# 111672 | Vehicle# 4 Volume Trailer# License# AU111V Driver Haul Tk# Dest |
| Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI EPA ID NA Manifest 000003 Route | Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT Waste # 506 Origin #/County NY/NEW YORK (State of),NY Origin Name NEW YORK Grid F3 01-13-21 |
| Scale-Cert Time Date Operator In 01/13/2021 09:38 FAIRLESS_LAB_ Out 01/13/2021 10:26 FAIRLESS_LANE B Donovan 8 | Operation Type-Inbound Inbound Gross 73360 lb Tare 28220 lb 6176 Net 45140 lb Tons 22.57 |
| Comments | |

| Prod | uct | LD% | Qty | UOM | Rate | Tax | Amount | Origin |
|------|------------------|-----|-------|------|------|-----|--------|--------|
| 1 | Cont Soil Sp. WT | 100 | 22.57 | Tons | | | | NY |

| Total | Tax | |
|-------|--------|--|
| Total | Ticket | |
| | | |

| | I-HAZA | | | | | -ES | | |
|--|--|--|-----------------|--|-----------------------------|----------------|-------------|----------|
| 1. Generato | r's US EPA ID No. | Manifest Doc N | 0. | 2. Page 1 c | of | | | |
| 3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101 | Generator's Site Add MATACD EAST SI MTA MID-DAY ST SUNNYSIDE YARE County: QUEE | DE ACCESS (2 & ORAGE D, QUEENS, NY 1 | 053 | A. Manifest Number 0000 WMNA B. State Generato | | | | |
| 4. Generator's Phone 631-332-9526 5. Transporter 1 Company Name CUENCA Coronce | 6. U | S EPA ID Number | | C. State Transporter's ID AUIII V#44 D. Transporter's Phone | | | | |
| 7. Transporter 2 Company Name | | S EPA ID Number | | 100000000000000000000000000000000000000 | ansporter's orter's Phon | | | |
| 9. Designated Facility Name and Site Address Fairless Landfills 1000 New Ford Mill Rd | 10. | US EPA ID Number | | G. State Fa | acility ID acility Phon | e | | |
| Morrisville, PA 19067 | | | | | | | | |
| 11. Description of Waste Materials | | 12. Con No. | tainers Type | 13. Total Quantity | 14. Unit Wt./Vol. | I. M | isc. Commer | nts |
| a. NON-HAZARDOUS SEWAGE IN Yud to | 001 | DT | 225 | | | | | |
| WM Profile # 489225PAE | | | | | | | | |
| b. WM Profile # C. | | | | | | | | |
| WM Profile # | | | | | | | | |
| d. | | | | | | | | |
| WM Profile # | | al Locatio | | | | | | |
| J. Additional Descriptions for Materials Listed Ab | ove | K. Dispos | | | | | | |
| BILL TO: ENVIRONMENTAL WAST | FE MINIMIZATION, IN | IC. Grid | | | | Level | | |
| 15. Special Handling Instructions and Additional Ir | formation | | | | | | | |
| Purchase Order # | EMERG | ENCY CONTACT / PH | ONE NO.: | | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materia | ls are not hazardous wast | es as defined by CFF | Part 261 | or any applic | able state l | aw, have bee | n fully an | d |
| accurately described, classified and packaged and | l are in proper condition f | or transportation ac "On behalf of" | cording to | applicable re | egulations. | Month | Day | Year |
| Printed Name Tenzin Lhundup | | 1 All | M/A-CIP | | | | | 21 |
| 17. Transporter 1 Acknowledgement of Receipt of | f Materials | \sim | | | | | 13 | |
| Printed Name John Schorzan | folus | du Solozon Ot | | | | | Year JOH | |
| 18. Transporter 2 Acknowledgement of Receipt o Printed Name | • | | | Month | Day | Year | | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment for | on the dates listed above. | | | | vas manage | ed in complian | nce with a | Year |
| applicable laws, regulations, permits and licenses 20. Facility Owner or Operator: Certification of re Printer Name | Signature | \sim | | | | | | Teal |
| 20. Facility Owner or Operator: Certification of re | Signature | VERATOR #2 COPY | | | allow CTM | ERATOR #1 CC | 3 | |

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Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING 14 BRICK KILN CT NORTHAMPTON, PA, 18067

| NORTHAMPTON, PA, 1806/ | |
|---|--|
| Tkt Date 01/13/2021 Pay Type Credit Account Chk# Billing# 0000926 Acc Tons 115.79 Man Tk# PO# 111672 | Vehicle# 65 Volume Trailer# License# AS469U Driver Haul Tk# Dest |
| Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI EPA ID NA Manifest 000004 Route | Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT Waste # 506 Origin #/County NY/NEW YORK (State of),NY Origin Name NEW YORK Grid F3 01-13-21 |
| Scale-Cert Time Date Operator In 01/13/2021 09:53 FAIRLESS_LAB_ Out 01/13/2021 10:29 FAIRLESS_LANE B Donovan 8 | Operation Type-Inbound Inbound Gross 72200 lb Tare 27940 lb Net 44260 lb Tons 22.13 |
| Comments | |

| Product | LD% | Qty | UOM | Rate | Tax | Amount | Origin |
|--------------------|-----|-------|------|------|-----|--------|--------|
| 1 Cont Soil Sp. WT | 100 | 22.13 | Tons | | | | NY |

| Total | Tax | |
|-------|--------|--|
| Total | Ticket | |
| | | |

| NON-HAZARDOUS MANIFEST | 1. Generator's US EF | PA ID No. | Manifest Doc | No. | 2. Page | 1 of | | | |
|---|---|-------------------------------|--------------------------------|--------------|--------------------------|---------------------------------|-----------|-------------|-----------|
| 3. Generator's Mailing Address: MTACC EAST SIDE ACCES 29-76 NORTHERN BLVD 5 | S MA | TACD EAST SII A MID-DAY ST | | 33 | | est Number | 000 | | |
| LONG ISLAND CITY, 1110 4. Generator's Phone 631-332 5. Transporter 1 Company Name | 1 Co | unty: QUEE | , QUEENS, NY : NS | 11101 | | D. State | Generato | or's ID | |
| 7. Transporter 2 Company Name | onel | | EPA ID Number EPA ID Number | | | Fransporter's porter's Phone | | | |
| AS 4640 # | F 6 S Address | | S EPA ID Number | | | ransporter's l orter's Phone | | | |
| Fáirless Landfills 1000 New Ford Mill Rd Morcisville, PA 19067 | | | | | G. State F H. State F | acility ID acility Phone | | | |
| 11. Description of Waste Materials | | | 12. Cor | tainers | 13. Total | 14. Unit | 1 | | |
| a. NON-HAZARDOUS SEV | HAGE IMPACTE | D SOILS | No. 001 | Type | Quantity | Wt./Vol. | 1. | Misc. Comm | nents |
| WM Profile # 489225PA | E | · Dra | | | | | | | |
| WM Profile # c. | | | | | | | | | |
| WM Profile # | | | | | | | | | Witz Witz |
| d. WM Profile # | | | | 21100123.000 | | | | | |
| J. Additional Descriptions for Material | ls Listed Above | | K. Disposa | Location | and the second | | | | |
| BILL TO: ENVIRONMENT | | | Cell | | | | Level | | |
| 15. Special Handling Instructions and Ad | dditional Information | IZATION, INC. | Grid | _ | | | | | |
| | | | | | | | | | |
| Purchase Order # 16. GENERATOR'S CERTIFICATE: | | EMERGENC | Y CONTACT / PHOP | NE NO.: | | | | | |
| hereby certify that the above-describe accurately described, classified and pac | d materials are not ha kaged and are in prop | zardous wastes a | s defined by CFR P | art 261 or | any applicab | le state law, | have bee | n fully and | d |
| TENZIN / hund | 11 | Signature "On | behalf of" M | TAe | 3A | | Month | Day | Year |
| 17. Transporter 1 Acknowledgement of | Receipt of Materials | hl | \rightarrow | | | | | 13 | 21 |
| Printed Maneul Cre | Spo | Signature | ault | re | nu | | Month | Day | Year |
| Transporter 2 Acknowledgement of I Printed Name | Receipt of Materials | Signature | | | | | Month | Day | Year |
| 9. Certificate of Final Treatment/Dispos | al | | | | | | | UU) | Tear |
| certify, on behalf of the above listed trea pplicable laws, regulations, permits and | atment facility, that to licenses on the dates I | | | | d waste was | managed in (| complianc | e with all | |
| 0. Facility Qweer or Operator: Certifical Printed Name | _ | Signature | ls covered by this | manifest. | / | | Month | A | Year |
| | FACILITY COPY | BINE- GENERAT | OR #2 COPY | | | w- GENERATO | U | | |



Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING 14 BRICK KILN CT NORTHAMPTON, PA, 18067

| NORTHAMPTON, PA, 18067 | |
|---|--|
| Tkt Date 01/13/2021 Pay Type Credit Account Chk# Billing# 0000926 Acc Tons 115.79 Man Tk# PO# 111672 | Vehicle# 05 Volume Trailer# License# au926u Driver Haul Tk# Dest |
| Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI EPA ID NA Manifest 000005 Route | Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT Waste # 506 Origin #/County NY/NEW YORK (State of),NY Origin Name NEW YORK Grid F3 01-13-21 |
| Scale-Cert Time Date Operator In 01/13/2021 09:55 FAIRLESS_LAB_ Out 01/13/2021 10:29 FAIRLESS_LANE B Donovan 8 | Operation Type-Inbound Inbound Gross 74700 lb Tare 28280 lb 6176 Net 46420 lb Tons 23.21 |
| Comments | |

| Product | LD% | Qty | UOM | Rate | Tax | Amount | Origin |
|--------------------|-----|-------|------|------|-----|--------|--------|
| 1 Cont Soil Sp. W7 | 100 | 23.21 | Tons | | | | NY |

| Total | Tax | |
|-------|--------|--|
| Total | Ticket | |
| | | |

| 1. Generator's US EPA I | U No. | Manifest Doc | No. | 2. Page 1 | of | | | |
|--|--|----------------------------|----------|--|--|-------------------|-------------|------------|
| 3. Generator's Mailing Address: Generator's Site Address MTACC EAST SIDE ACCESS MATACD EAST SIDE 29-76 NORTHERN BLVD 5 TH FL SUNNYSIDE YARD, Q LONG ISLAND CITY, 11101 County: QUEENS | | | \$033 | 1.2% | est Number /MNA B. State | 000 e Generato | | |
| CULHAR CORONIEL | 6. US EPA ID Number H.J.B.5D 8. US EPA ID Number | | | C. State Transporter's ID D. Transporter's Phone E. State Transporter's ID | | | | |
| A. Designated Facility Name and Site Address Fairless Landfills 1000 New Ford Mill Rd Morrisville, PA 19067 | 10. US EI | PA ID Number | | G. State F | orter's Phone acility ID acility Phone | | | |
| 11. Description of Waste Materials | | 12. Con | | | | | | |
| | 6011.6 | No. | Туре | 13. Total Quantity | 14. Unit Wt./Vol. | I. | Misc. Comm | ients |
| a. NON-HAZARDOUS SEWAGE IMPACTED Year to Norther B WM Profile # 489225PAE | suils | 001 | DT | (T ^{**} ,') | á | | | |
| b. WM Profile # 5. | | | | | | | | |
| VM Profile # I. VM Profile # | | | | | | | | • |
| Additional Descriptions for Materials Listed Above BILL TO: ENVIRONMENTAL WASTE MINIMIZA 5. Special Handling Instructions and Additional Information | ATION, INC. | K. Disposa Cell Grid | Location | | | Level | 1 | |
| Purchase Order # 6. GENERATOR'S CERTIFICATE: hereby certify that the above-described materials are not hazar ccurately described, classified and packaged and are in proper or inited Name | EMERGENCY C | fined by CED D | | any applicab | le state law, | , have beer | n fully and | d |
| Printed Name Printed Name PA214 Lhunduf 7. Transporter 1 Acknowledgement of Receipt of Materials | Signature "On beh | half of" | TTA - 0 | plicable regi ESA | ulations. | Month] | Day 13 | Year 2/ |
| Drinted News | Signature E | THU A | ÚĹ. | 7 | | Month OL | Day 23 | Year 21 |
| Printed Name | Signature | | | | | Month | Day | Year |
| Certificate of Final Treatment/Disposal ertify, on behalf of the above listed treatment facility, that to the plicable laws, regulations, permits and licenses on the dates liste A Facility Owner or Operator: Certification of receipt of non-haz Print Many | above. | | | d waste was | managed in | | e with all | |
| MUUC | N | 2 | | | | Month | 3 | Year |
| hite- TREATMENT, STORAGE, DISPOSAL FACILITY COPY | Blee- GENERATOR | #2 COPY | | Vello | w- GENERAT | DP #1 COD | py | U |



Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING 14 BRICK KILN CT NORTHAMPTON, PA, 18067

| NORTHAMPTON, PA, 18067 | |
|---|--|
| Tkt Date 01/13/2021 Pay Type Credit Account Chk# Billing# 0000926 Acc Tons 170.46 Man Tk# PO# 111672 | Vehicle# 13 Volume Trailer# License# AU883L Driver Haul Tk# Dest |
| Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI EPA ID NA Manifest 000006 Route | Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT Waste # 506 Origin #/County NY/NEW YORK (State of),NY Origin Name NEW YORK Grid F3 01-13-21 |
| Scale-Cert Time Date Operator In 01/13/2021 14:35 FAIRLESS_LAB_ Out 01/13/2021 15:03 FAIRLESS_LANE B Donovan 8 Comments | Operation Type-Inbound Inbound Gross 83180 lb Tare 28160 lb 6176 Net 55020 lb Tons 27.51 |

| Prod | uct | LD% | Qty | UOM | Rate | Tax | Amount | Origin |
|------|------------------|-----|-------|------|------|-----|--------|--------|
| 1 | Cont Soil Sp. WT | 100 | 27.51 | Tons | | | | NY |

| Total | Tax | |
|-------|--------|--|
| Total | Ticket | |
| | | |

| NON-HAZARDOUS MANIFEST | s US EPA ID No. | Manifest Doc I | No. | 2. Page 1 | of | | | |
|--|---|------------------------------|-----------------|--|------------------------------|-------------------------------|-------------|-----------|
| 3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101 | MATACD EAST SIDE A MTA MID-DAY STORA | YSIDE YARD, QUEENS, NY 11101 | | | st Number MNA B. State | 0000 Generator | | |
| 4. Generator's Phone 631-332-9526 5. Transporter 1 Company Name Genera Grand # 13 | | ID Number | | | ransporter's orter's Phon | enero. | | een F |
| 7. Transporter 2 Company Name AV BB3 L 9. Designated Facility Name and Site Address | | ID Number | | E. State Transporter's ID F. Transporter's Phone G. State Facility ID H. State Facility Phone | | | | |
| Fairless Landfills 1000 New Ford Mill Rd | 10. US EP/ | A ID Number | | | | | | |
| Morrisville, PA 19067 | | | | | | | | |
| 11. Description of Waste Materials | | 12. Cor No. | tainers Type | 13. Total Quantity | 14. Unit Wt./Vol. | 1.1 | Aisc. Comme | nts |
| a. NON-HAZARDOUS SEWAGE IMF | Noten Block | 001 | 57 | 211 | | | | |
| WM Profile # 489225PAE | | | | | | | | |
| b. WM Profile # c. | | | | | | | | |
| WM Profile # | | | | | and the second second | | | |
| d. | | | | | | Construction for the state of | | |
| WM Profile # | | | 1.1.1 | | | | | |
| J. Additional Descriptions for Materials Listed Abov | e | K. Disposi | al Location | 1 | | | | |
| BILL TO: ENVIRONMENTAL WASTE | | Cell | | | | Level | | |
| 15. Special Handling Instructions and Additional Infor | | Grid | | | | | | |
| Purchase Order # | EMERGENCY C | ONTACT / PHO | ONE NO.: | | | | | |
| 16. GENERATOR'S CERTIFICATE: | | | | | | | | |
| I hereby certify that the above-described materials a | | | | | | v, have bee | n fully and | ł |
| accurately described, classified and packaged and an Printed Name | Signature "On bel | | TA- | Applicable rep | guiations. | Month | Day | Year |
| Temm (hundur | L | d | 5- | \supset | | 01 | 13 | 21 |
| 17. Transporter 1 Acknowledgement of Receipt of Ma | aterials | , | 9 | | | | | -/ |
| Rolando Jimenez | Signature | N |) | | | Month | Day 13 | Year 2 |
| Transporter 2 Acknowledgement of Receipt of Ma Printed Name | Signature | | | | | Month | Day | Year |
| | Signature | | | | | | | , aut |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facili | he dates listed above. | | | | as managed | in complian | ce with all | |
| applicable laws, regulations, permits and licenses on t | or or non-nazaroous materials | covered by th | is manifes | | | Month | Daw | Year |
| applicable laws, regulations, permits and licenses on t 20. Facility wher or Operator: Certification of receip | | \sim | | 1.684 | | | Udy | a icai |
| applicable laws, regulations, permits and licenses on t | Signature | \wedge | \subseteq | | | T | l | 5 7 |



Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING 14 BRICK KILN CT NORTHAMPTON, PA, 18067

| NORTHAMPTON, PA, 18067 | |
|---|--|
| Tkt Date 01/13/2021 Pay Type Credit Account Chk# Billing# 0000926 Acc Tons 170.46 Man Tk# PO# 111672 | Vehicle# 47 Volume Trailer# License# Driver Haul Tk# Dest |
| Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI EPA ID NA Manifest 000007 Route | Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT Waste # 506 Origin #/County NY/NEW YORK (State of),NY Origin Name NEW YORK Grid F3 01-13-21 |
| Scale-Cert Time Date Operator In 01/13/2021 14:36 FAIRLESS_LAB_ Out 01/13/2021 15:02 FAIRLESS_LANE B Donovan 8 | Operation Type-Inbound Inbound Gross 82960 lb Tare 28640 lb 6176 Net 54320 lb Tons 27.16 |
| Comments | |

| Product | LD% | Qty | UOM | Rate | Tax | Amount | Origin |
|--------------------|-----|-------|------|------|-----|--------|--------|
| 1 Cont Soil Sp. WT | 100 | 27.16 | Tons | | | | NY |

| Total | Tax | |
|-------|--------|--|
| Total | Ticket | |
| | | |

| 1. Generator's | JS EPA ID No. | Manifest Doc No | b . | 2. Page 1 c | of | | |
|---|--|---------------------------|---------------|---|-------------------------------|---------------------------|--|
| NON-HAZARDOUS MANIFEST | Generator's Site Addres | s (If different than mail | ling): 133 | A. Manifes | st Number | 000007 | |
| MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL ONG ISLAND CITY, 11101 | MTA MID-DAY STO SUNNYSIDE YARD, County: QUEEN | RAGE QUEENS, NY 11 | | | | Generator's ID | |
| . Transporter 1 Company Name | ybh | PA ID Number | | C. State Transporter's ID D. Transporter's Phone | | | |
| 7. Transporter 2 Company Name 47 - A321 | 11A- 051 | EPA ID Number | | | ransporter's orter's Phone | | |
| 9. Designated Facility Name and Site Address Fairless Landfills 1000 New Ford Mill Rd | 10. 03 | EFA ID Nullibei | - | G. State F H. State F | acility ID acility Phone | e | |
| Morrisville, PA 19067 | | | | | T | | |
| 11. Description of Waste Materials | | 12. Cor No. | Type | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments | |
| a. NON-HAZARDOUS SEWAGE IMP | PACTED SOILS | 001 | 10 | 80.21 | | | |
| WM Profile # 489225PAE | | | | | | | |
| b. WM Profile # | | | | | | | |
| C. | | | | | | | |
| WM Profile # d. | | | | | | | |
| WM Profile # | | | | | | a set and a set a | |
| J. Additional Descriptions for Materials Listed Abov | re | K. Dispos | al Location | n | | | |
| BILL TO: ENVIRONMENTAL WASTE | AUNINALZATION INC | Cell Grid | | | | Level | |
| 15. Special Handling Instructions and Additional Info | | | ONENO | | | | |
| Purchase Order # | EMERGEN | ICY CONTACT / PH | ONE NO.: | | | | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials accurately described, classified and packaged and a Printed Name | are not hazardous wastes re in proper condition for Signature "C | transportation at | R Part 261 | or any applicable $T = \frac{1}{2}$ | cable state I regulations. | aw, have been fully and | |
| 17. Transporter 1 Acknowledgement of Receipt of N Printed Name | 1aterials | 10 | X | | | Month Day Yes | |
| 18. Transporter 2 Acknowledgement of Receipt of N | Vaterials | pa | \mathcal{T} | | | Month Day Yea | |
| Printed Name | Signature | | | | | | |
| an a sife to final Treatment/Disposal | lity, that to the best of my | / knowledge, the a | | | was manag | ed in compliance with all | |
| Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment faci applicable laws, regulations, permits and licenses or Facility Owner or Operator: Certification of record | nint of non-bazardous mat | eruls covered by | this manife | est. | | | |



Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING 14 BRICK KILN CT NORTHAMPTON, PA, 18067

| NORTHAMPTON, PA, 18067 | |
|--|--|
| Tkt Date 01/13/2021 | Vehicle# 4 Volume |
| Pay Type Credit Account Chk# | Trailer# |
| Billing# 0000926 | License# AU111V |
| Acc Tons 248.79 | Driver |
| Man Tk# | Haul Tk# |
| PO# 111672 | Dest |
| Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI EPA ID NA Manifest 000008 Route | Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT Waste # 506 Origin #/County NY/NEW YORK (State of),NY Origin Name NEW YORK Grid F3 01-13-21 |
| Scale-Cert | Operation Type-Inbound |
| Time Date Operator | Inbound Gross 80220 lb |
| In 01/13/2021 14:43 FAIRLESS_LAB_ | Tare 28000 lb |
| Out 01/13/2021 15:04 FAIRLESS_LANE B Donovan 8 | 6176 Net 52220 lb |
| | Tons 26.11 |

| Prod | uct | LD% | Qty | UOM | Rate | Tax | Amount | Origin |
|------|------------------|-----|-------|------|------|-----|--------|--------|
| 1 | Cont Soil Sp. WT | 100 | 26.11 | Tons | | | | NY |

| Total | Tax | |
|-------|--------|--|
| Total | Ticket | |
| | | |

| 1. Generator's US EPA NON-HAZARDOUS MANIFEST | A ID No. M | anifest Doc N | lo. | 2. Page 1 0 | ot 👔 | | | | |
|--|---|----------------|-----------------|---|-----------------------------|--|--------------|------------|--|
| Generator's Mailing Address: ATACC EAST SIDE ACCESS 9-76 NORTHERN BLVD 5 TH FL | erator's Site Address (#6 TACD EAST SIDE AC A MID-DAY STORAG INYSIDE YARD, QUE | 033 | A. Manife: | MNA | 00000 | | | | |
| a construction and a second second | unty: QUEENS | | | | | | | | |
| . Generator's Phone 631-332-9526 . Transporter 1 Company Name Altence Altence | 6. US EPA I | D Number | | C. State Transporter's ID AUT | | | | 14ty | |
| Transporter 2 Company Name | 8. US EPA I | D Number | | E. State Transporter's ID F. Transporter's Phone | | | | | |
| Designated Facility Name and Site Address airless Landfills 900 New Ford Mill Rd | 10. US EPA | ID Number | | G. State Fi H. State Fi | acility ID acility Phone | 2 | | | |
| Aorrisville, PA 19067 | | | | | | | | | |
| 1. Description of Waste Materials | | 12. Cor No. | tainers Type | 13. Total Quantity | 14. Unit Wt./Vol. | I. N | Aisc. Commer | nts | |
| NON-HAZARDOUS SEWAGE IMPACT Yed Lo Northen Blue VM Profile # 489225PAE | ED SOILS | 001 | 07 | 164.2% | i Par | | | | |
| | | | | | and the second second | | | | |
| VM Profile # VM Profile # | | | | | 1.12 | | | | |
| VM Profile # Additional Descriptions for Materials Listed Above | | K. Dispos | al Location | | 0 | and a second | | | |
| | | Cell | | | | Level | | | |
| SILL TO: ENVIRONMENTAL WASTE MINIF 5. Special Handling Instructions and Additional Information | | Grid | | | | | | | |
| urchase Order # | EMERGENCY CO | NTACT / PH | ONE NO.: | | | | | | |
| GENERATOR'S CERTIFICATE: hereby certify that the above-described materials are not ccurately described, classified and packaged and are in pro- | hazardous wastes as de | fined by CFF | Part 261 | or any applica | able state la | w, have bee | n fully an | d | |
| Tenzik Lhundul | Signature "On beh | alf of" | MI | A-E | 5.f) | Month | Day 13 | Year 2 | |
| 7. Transporter 1 Acknowledgement of Receipt of Materials Printed Name John Solorgann 8. Transporter 2 Acknowledgement of Receipt of Materials | Signature | len E | Glor | zera | | Month 01 | Day 13 | Year 21 | |
| | Signature | | | | | Month | Day | Year | |
| Printed Name | Signature | | | | | | 1 | | |
| Printed Name 9. Certificate of Final Treatment/Disposal certify, on behalf of the above listed treatment facility, that upplicable laws, regulations, permits and licenses on the dat | t to the best of my know es listed above. | | | | vas manage | d in compliar | nce with a | 1 | |
| Printed Name 9. Certificate of Final Treatment/Disposal certify, on behalf of the above listed treatment facility, that | t to the best of my know es listed above. | | | | vas manage | d in compliar | nce with a | Year | |



Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING 14 BRICK KILN CT NORTHAMPTON, PA, 18067

| NORTHAMPTON, PA, 18067 | |
|---|--|
| Tkt Date 01/13/2021 Pay Type Credit Account Chk# Billing# 0000926 Acc Tons 248.79 Man Tk# PO# 111672 | Vehicle# 65 Volume Trailer# License# AS469U Driver Haul Tk# Dest |
| Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI EPA ID NA Manifest 000009 Route | Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT Waste # 506 Origin #/County NY/NEW YORK (State of),NY Origin Name NEW YORK Grid F3 01-13-21 |
| Scale-Cert Time Date Operator In 01/13/2021 14:45 FAIRLESS_LAB_ Out 01/13/2021 15:05 FAIRLESS_LANE B Donovan 8 | Operation Type-Inbound Inbound Gross 80760 lb Tare 27620 lb 6176 Net 53140 lb Tons 26.57 |
| Comments | |

| Prod | uct | LD% | Qty | UOM | Rate | Tax | Amount | Origin |
|------|------------------|-----|-------|------|------|-----|--------|--------|
| 1 | Cont Soil Sp. WT | 100 | 26.57 | Tons | | | | NY |

| Total | Tax | |
|-------|--------|--|
| Total | Ticket | |
| | | |

| | N-HAZA erator's US EPA ID No. | Manifest D | oc No. | 2. Page | | LUI |
|---|--|------------------------|--------------------|--------------------------|---------------------------------|--------------------|
| 3. Generator's Mailing Address: | Generator's Site Add | ress (If different tha | n mailing): | A . N. A. | | |
| MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL | MTA MID-DAY ST | DE ACCESS 🖉 | 0033 | | ifest Number WMNA | 000009 |
| LONG ISLAND CITY, 11101 | SUNNYSIDE YARD | , QUEENS, NY | (11101 | | B. Stat | e Generator's ID |
| 4. Generator's Phone 631-332-9526 5. Transporter 1 Company Name | County: QUEE | NS | | | | |
| venca Corono, | 0 6. US | EPA ID Number | | | | |
| 7. Transporter 2 Company Name | 8. US | EPA ID Number | | C. State D. Trans | Transporter's porter's Phone | ID e |
| 9. Designated Facility Name and Site Address | 65 | and the Number | | E. State | Transporter's | ID |
| Fairless Landfills | 10. US | EPA ID Number | 1 | | orter's Phone | |
| 1000 New Ford Mill Rd | | | | G. State I H. State I | acility ID acility Phone | |
| Morrisville, PA 19067 | | | | | denity i none | |
| 1. Description of Waste Materials | | 12. Co No. | ntainers Type | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments |
| NON-HAZARDOUS SEWAGE I | MPACTED SOILS | 001 | \tilde{c}^{τ} | 21.53 | Wt./VOI. | in mac. comments |
| /M Profile # 489225PAE | | | | | | |
| /M Profile # | | | | | | |
| M Profile # | | | | | | |
| | | | | | | |
| M Profile # Additional Descriptions for Materials Listed Ab | ove | | | | | |
| | | K. Disposa | l Location | | | |
| ILL TO: ENVIRONMENTAL WAST Special Handling Instructions and Additional Inf | E MINIMIZATION, INC. | Cell Grid | | | 1 | Level |
| | ormation | | | | | |
| chase Order # | EMEDOENOU | | | | | |
| GENERATOR'S CERTIFICATE: | | ONTACT / PHON | | | | |
| reby certify that the above-described materials irately described, classified and packaged and a ted Name | are not hazardous wastes as d re in proper condition for tran | efined by CFR Pa | art 261 or a | ny applicable | e state law, ha | ave been fully and |
| nzin Lhundu (| Signature "On bel | alf of" | MT | AE | ations. | Month Day Year |
| Transporter 1 Acknowledgement of Receipt of M | laterials | -0 |) / | | | 0/ 13 21 |
| rinted Name AUL Crespi | | rell | in | Ð | | Month Day Year |
| Transporter 2 Acknowledgement of Receipt of M rinted Name | | | | | | 1 13 21 |
| | Signature | | | | - | Month Day Year |
| ertificate of Final Treatment/Disposal | | | | | | |
| ify, on behalf of the above listed treatment facilitable laws, regulations, permits and licenses on t | he dates listed above. | edge, the above | -described | waste was m | nanaged in cor | mpliance with all |
| acility Owner or Operator: Certification of receip | ot of non-hazardous materials c Signature | overed by this m | anifest. | | | |
| | PY Blue- GENERATOR | | | | N | Month Day Year |



FAIRLESS LANDFILL FAIRLESS LANDFILL1000 New Ford Mill Road1000 New Ford Mill Road1000 New Ford Mill Road1000 New Ford Mill Road Morrisville, PA, 19067

Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING 14 BRICK KILN CT NORTHAMPTON, PA, 18067

| NORTHAMPTON, PA, 18067 | |
|---|--|
| Tkt Date 01/13/2021 Pay Type Credit Account Chk# Billing# 0000926 Acc Tons 248.79 Man Tk# PO# 111672 | Vehicle# 05 Volume Trailer# License# au926u Driver Haul Tk# Dest |
| Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI EPA ID NA Manifest 000010 Route | Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT Waste # 506 Origin #/County NY/NEW YORK (State of),NY Origin Name NEW YORK Grid F3 01-13-21 |
| Scale-Cert Time Date Operator In 01/13/2021 14:47 FAIRLESS_LAB_ Out 01/13/2021 15:06 FAIRLESS_LANE B Donovan 8 Comments | Operation Type-Inbound Inbound Gross 79200 lb Tare 27900 lb 6176 Net 51300 lb Tons 25.65 |

| Prod | uct | LD% | Qty | UOM | Rate | Tax | Amount | Origin |
|------|------------------|-----|-------|------|------|-----|--------|--------|
| 1 | Cont Soil Sp. WT | 100 | 25.65 | Tons | | | | NY |

Total Tax Total Ticket _____

| 1. Generator's US EP NON-HAZARDOUS MANIFEST | A ID No. | Manifest Doc N | 0. | 2. Page 1 c | IT | | | |
|---|---|-----------------------|----------------|----------------------------|--------------------------------|--------------|-------------|----------------|
| 3. Generator's Mailing Address: | nerator's Site Addre | E ACCESS | iling): Q33 | A. Manifes | t Number | 00001 | 0 | |
| 29-76 NORTHERN BLVD 5 TH FL | TA MID-DAY STO NNYSIDE YARD, ounty: QUEEN | ORAGE QUEENS, NY 1 | | | B.84.0000 | Generator's | D | |
| 4. Generator's Phone 631-332-9526 | | | | and the second second | | | | and the second |
| 5. Transporter 1 Company Name | 6. US | EPA ID Number | \mathcal{O} | | ansporter's I orter's Phone | | | |
| 7. Transporter 2 Company Name | 8. US | EPA ID Number | | | ansporter's I orter's Phone | | | |
| 9. Designated Facility Name and Site Address Fairless Landfills | 10. U | S EPA ID Number | | G. State Fi H. State Fi | acility ID acility Phone | | | |
| (1000 New Ford Mill Rd Morrisville, PA 19067 | | | | | | | | |
| 11. Description of Waste Materials | | | ntainers | 13. Total Quantity | 14. Unit Wt./Vol. | I. M | isc. Commer | nts |
| a. NON-HAZARDOUS SEWAGE IMPACT | TED SOILS | No. 001 | Type C7 | | | | | |
| WM Profile # 489225PAE | | | | | | | | |
| b. WM Profile # C. | | | | | | | | |
| WM Profile # | | | | | | | | |
| u. WM Profile # | | | | | | | | |
| J. Additional Descriptions for Materials Listed Above | | K. Dispos | al Location | I | | | | |
| BILL TO: ENVIRONMENTAL WASTE MIN | | Cell Grid | | | | Level | | |
| 15. Special Handling Instructions and Additional Informatic | | | | | | | | |
| Purchase Order # 16. GENERATOR'S CERTIFICATE: | EMERGEN | ICY CONTACT / PH | ONE NO.: | | | | | |
| I hereby certify that the above-described materials are no | t hazardous wastes | as defined by CFF | Part 261 | or any applica | able state lav | v, have beer | n fully and | ł |
| accurately described, classified and packaged and are in p Printed Name | Signature "Ø | | cording to | applicable re | gulations. | Month | Day | Y |
| Tenzin Lhoyder | Ald | X | Din | 11-t | 51) | 01 | 13 | 2 |
| 17. Transporter 1 Acknowledgement of Receipt of Materia | ls | V | | | | | Le de la | / |
| Printed Name COISON AWARE | Signature | E.A | URI | 62 | | Month 01 | Day 13 | Y |
| 18. Transporter 2 Acknowledgement of Receipt of Materia | | | | | | Marrat | Dev | |
| Printed Name | Signature | | | | | Month | Day | Y |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, the applicable laws, regulations, permits and licenses on the da | | knowledge, the al | oove-descr | ibed waste w | as managed | in complian | ce with al | I |
| 20. Facility Owner or Operator: Certification of receipt of r | | erials covered by t | nis manifes | t. | | | | |
| PrintedName | Signature | n | | | | Month | 13 | Š |
| White-treatment, STORAGE, DISPOSAL FACILITY COPY | Blue- GENER | RATOR #2 COPY | | Ye | llow- GENER | ATOR #1 CO | PY | |



Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING 14 BRICK KILN CT NORTHAMPTON, PA, 18067

| NORTHAMPION, PA, 18067 | |
|---|--|
| Tkt Date 01/14/2021 Pay Type Credit Account Chk# Billing# 0000926 Acc Tons 24.56 Man Tk# PO# 111672 | Vehicle# 13 Volume Trailer# License# AU883L Driver Haul Tk# Dest |
| Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI EPA ID NA Manifest 000011 Route | Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT Waste # 506 Origin #/County NY/NEW YORK (State of),NY Origin Name NEW YORK Grid F3 01-14-21 |
| Scale-Cert Time Date Operator In 01/14/2021 08:53 FAIRLESS_LAB_ Out 01/14/2021 10:10 FAIRLESS_LANE B Donovan 8 Comments | Operation Type-Inbound Inbound Gross 77480 lb Tare 28360 lb 6176 Net 49120 lb Tons 24.56 |
| | |

| Prod | uct | LD% | Qty | UOM | Rate | Tax | Amount | Origin |
|------|------------------|-----|-------|------|------|-----|--------|--------|
| 1 | Cont Soil Sp. WT | 100 | 24.56 | Tons | | | | NY |

| Total | Tax | |
|-------|--------|--|
| Total | Ticket | |
| | | |

| NON-HAZARDOUS MANIFEST | . Generator's US EP | A ID No. | Manifest Doc | | 2. Page | | EST |
|---|---|---|---|---|-----------------------|----------------------------------|---------------------|
| 3. Generator's Mailing Address: MTACC EAST SIDE ACCESS | MA | TACD EAST SI | ress (If different than r DE ACCESS CO | nailing): 2033 | | fest Number | 000011 |
| 29-76 NORTHERN BLVD 5 TH LONG ISLAND CITY, 11101 1. Generator's Phone 631-332-95 5. Transporter 1 Company Name | FL SUN | A MID-DAY ST INYSIDE YARD Inty: QUEE | ORAGE , QUEENS, NY | | | | Generator's ID |
| Genca Grand | 1#13 | 6. US | EPA ID Number | | | Transporter's | |
| AU 883 | | 8. US | EPA ID Number | | | oorter's Phone ransporter's I | |
| Designated Facility Name and Site Add | ress | 10. U | S EPA ID Number | | | orter's Phone | |
| airless Landfills 0 00 New Fo rd Mill Rd | | | | G. State Facility ID H. State Facility Phone | | | |
| Norrisville, PA 19067 | | | | | | | |
| L Description of Waste Materials | | | 12. Cor No. | tainers Type | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments |
| NON-HAZARDOUS SEWA | GE IMPACTE | D SOILS | 001 | D. | 181 de | WL/VDI. | |
| M Profile # 489225PAE | | | | | | | |
| M Profile # | | | No consideration | alter all con- | | | |
| M Profile # | | | | | | | |
| M Profile # | | | | | | | |
| Additional Descriptions for Materials Li | sted Above | | K. Disposa | l Location | | | |
| | | | Cell | | | | Level |
| ILL TO: ENVIRONMENTAL Special Handling Instructions and Addit | WASTE MINIMI | ZATION, INC. | Grid | | | | Level |
| | | | | | | | |
| chase Order # GENERATOR'S CERTIFICATE: | | EMERGENCY | CONTACT / PHO | NE NO.: | | | |
| reby certify that the above-described m urately described, classified and packag the Name | aterials are not haz ed and are in prope | ardous wastes as r condition for tr Signature "On I | ansportation acco | art 261 or rding to ap | any applicab | le state law, l ulations. | nave been fully and |
| Tenzin Lhund | VK | | | ∋MĨ | 17-63 | A | Month Day Yea |
| Transporter 1 Acknowledgement of Reco | eipt of Materials | | -0 | | | | 1 14 2 |
| Zolando Ji | merel | Signature | 17 | | | | Month Day Year |
| Transporter 2 Acknowledgement of Rece | | | 5 | | | | 1142 |
| Printed Name | | Signature | | | | - | Month Day Year |
| Certificate of Final Treatment/Disposal tify, on behalf of the above listed treatm icable laws, regulations, permits and lice | ent facility, that to t | he best of my kno | owledge, the abov | e-describe | d waste was | managed in a | ompliance with all |
| cable laws, regulations, permits and lice acility Owner or Operator. Certification | ises on the dates his | Leu above. | | | | | ourbuance with all |
| rinted Name | | Signature | | manifest. | | | Month Day Year |



Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING 14 BRICK KILN CT NORTHAMPTON, PA, 18067

| NORTHAMPTON, PA, 18067 | |
|---|--|
| Tkt Date 01/14/2021 Pay Type Credit Account Chk# Billing# 0000926 Acc Tons 124.80 Man Tk# PO# 111672 | Vehicle# 4 Volume Trailer# License# AU111V Driver Haul Tk# Dest |
| Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI EPA ID NA Manifest 000013 Route | Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT Waste # 506 Origin #/County NY/NEW YORK (State of),NY Origin Name NEW YORK Grid F3 01-14-21 |
| Scale-Cert Time Date Operator In 01/14/2021 09:10 FAIRLESS_LAB_ Out 01/14/2021 10:16 FAIRLESS_LANE B Donovan 8 | Operation Type-Inbound Inbound Gross 79600 lb Tare 28200 lb 6176 Net 51400 lb Tons 25.70 |
| | |

| Prod | uct | LD% | Qty | UOM | Rate | Tax | Amount | Origin |
|------|------------------|-----|-------|------|------|-----|--------|--------|
| 1 | Cont Soil Sp. WT | 100 | 25.70 | Tons | | | | NY |

| Total | Tax | |
|-------|--------|--|
| Total | Ticket | |
| | | |

| | NON-HAZARDOUS MANIFEST | 1. Generator's | US EPA ID No. | Manifest Doo | c No. | 2. Page 1 | of | | - | _ |
|---------------------------------|---|---|--|---|---|---|--|--------------|--|------------------------------|
| | 3. Generator's Mailing Address: MTACC EAST SIDE ACCE 29-76 NORTHERN BLVD LONG ISLAND CITY, 1110 | 5 th FL | Generator's Site Addre MATACD EAST SID MTA MID-DAY STC SUNNYSIDE YARD, County: QUEEN | E ACCESS PRAGE (Q QUEENS, NY | 033 | | est Number /MNA B. State | 0000 | | |
| | 4. Generator's Phone 631-3 5. Transporter 1 Company Name | IS | | | | | | | | |
| | Cuence Coronel T | 6. US | 6. US EPA ID Number | | | | C. State Transporter's ID AUTITV #4 | | | |
| | 7. Transporter 2 Company Name | | 8. US EPA ID Number 10. US EPA ID Number | | | | D. Transporter's Phone E. State Transporter's ID F. Transporter's Phone G. State Facility ID H. State Facility Phone | | | |
| | 9. Designated Facility Name and Sit | 10. US | | | | | | | | |
| | 1000 New Ford Mill Rd | | | | | | | | | |
| G E | Morrisville, PA 19067 11. Description of Waste Materials | | | 12. Co | ontainers | 13. Total | 14. Unit | | | |
| N E R | a. NON-HAZARDOUS S | EWAGE IMPA | CTED SOILS | No. 001 | Type | Quantity | Wt./Vol. | 1.1 | Misc. Comme | ents |
| A T | WM Profile # 489225P | | and the or | | | | | | n de la composition de la comp | |
| O R | b. WM Profile # | | | | | | | | | |
| | c. WM Profile # | | | | | | | | | |
| | | | | | Charles Street | | | | | |
| | d. WM Profile # | | | | | | | | | |
| | WM Profile # J. Additional Descriptions for Mate | | | | sal Location | | | | | |
| | WM Profile # J. Additional Descriptions for Mate | | INIMIZATION, INC. | K. Dispos Cell Grid | al Location | | | Level | 1 | |
| | WM Profile # | NTAL WASTE M | | Cell | al Location | | | Level | 1 | |
| | WM Profile # J. Additional Descriptions for Mater BILL TO: ENVIRONMEN | NTAL WASTE M | ation | Cell | | | | Level | | |
| | WM Profile # J. Additional Descriptions for Mater BILL TO: ENVIRONMEN 15. Special Handling Instructions and Purchase Order # 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-descr | NTAL WASTE M I Additional Informa | EMERGENC | Cell Grid CONTACT / PHO | ONE NO.: | r any applica | ble state law | | | d |
| | WM Profile # J. Additional Descriptions for Mater BILL TO: ENVIRONMEN 15. Special Handling Instructions and Purchase Order # | NTAL WASTE M I Additional Informa | EMERGENC EMERGENC not hazardous wastes a 1 proper condition for tr | Cell Grid CONTACT / PHO s defined by CFR ansportation acc | ONE NO.: | r any applica | ble state law | r, have been | | 1 |
| | WM Profile # J. Additional Descriptions for Mater BILL TO: ENVIRONMEN 15. Special Handling Instructions and Purchase Order # 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-descri accurately described, classified and p Printed Name TEM2th WMM (| NTAL WASTE M I Additional Informa ribed materials are packaged and are in W | EMERGENC not hazardous wastes ar proper condition for tr Signature "On l | Cell Grid CONTACT / PHO s defined by CFR ansportation acc | ONE NO.: | r any applica | ble state law gulations. | | n fully and | d Yea 2 |
| R A N | WM Profile # J. Additional Descriptions for Mater BILL TO: ENVIRONMEN 15. Special Handling Instructions and Purchase Order # 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-descr accurately described, classified and p Printed Name 2 | NTAL WASTE M I Additional Informa ribed materials are packaged and are in W | EMERGENC not hazardous wastes at n proper condition for tr Signature "On l rials | Cell Grid CONTACT / PHO s defined by CFR ansportation acc schalf of" | ONE NO.: Part 261 o cording to a | r any applica | ble state law yulations. | /, have been | Day 14 Day | Yea 2 Yea |
| TRANSPORT | WM Profile # J. Additional Descriptions for Mater BILL TO: ENVIRONMEN 15. Special Handling Instructions and Purchase Order # 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-description of the printed Name Printed Name TEN2th Mand (17. Transporter 1 Acknowledgement) | Additional Information I Additional Information I Additional Information I Additional Information I I Additional Information I Additional Informat | EMERGENC not hazardous wastes an proper condition for tr Signature "On rials Signature | Cell Grid CONTACT / PHO s defined by CFR ansportation acc schalf of" | ONE NO.: Part 261 o cording to a | r any applica applicable reg 174 - ES | ble state law gulations. | /, have been | Day 4 | Yea 2 |
| R A N S P D R T E | WM Profile # J. Additional Descriptions for Mater BILL TO: ENVIRONMEN 15. Special Handling Instructions and Purchase Order # 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-descr accurately described, classified and p Printed Name Tenze M 17. Transporter 1 Acknowledgement Printed Name 18. Transporter Acknowledgement Printed Name | Additional Information diadditional Information dibed materials are packaged and are in the second second second of Receipt of Mate | EMERGENC not hazardous wastes at n proper condition for tr Signature "On l rials | Cell Grid CONTACT / PHO s defined by CFR ansportation acc schalf of" | ONE NO.: Part 261 o cording to a | r any applica applicable reg 174 - ES | ble state law | I, have been | Day 14 Day 14 | Yea 2 Yea 2 |
| R A N SS P D R F A A | WM Profile # J. Additional Descriptions for Mater BILL TO: ENVIRONMEN 15. Special Handling Instructions and Purchase Order # 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-description of the above-desc | Additional Information d Additional Informatio | EMERGENCE not hazardous wastes at 1 proper condition for tr Signature "On I rials Signature rials Signature that to the best of my kn | Cell Grid | ONE NO.: Part 261 o cording to a M | r any applica applicable reg TA - t pero | gulations. | , have been | Day / G Day Pd Day | Yea 2 Yea 2/ Yea |
| R A N S P O R T E R | WM Profile # J. Additional Descriptions for Mater BILL TO: ENVIRONMEN 15. Special Handling Instructions and Purchase Order # 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-description of the above-description of the above-description of the above-description of the above description of the above de | Additional Information d Additional Informatio | EMERGENCE not hazardous wastes at 1 proper condition for tr Signature "On l rials Signature rials Signature that to the best of my kn dates listed above. | Cell Grid Grid CONTACT / PHO a defined by CFR ansportation acc behalf of" | ONE NO.: Part 261 o cording to a M 200 m 200 m 2 | r any applica applicable reg TA - C pure pure pure pure pure pure pure pure | gulations. | , have been | Day / G Day Pd Day | Yea 2 Yea 2/ Yea |



FAIRLESS LANDFILL FAIRLESS LANDFILL1000 New Ford Mill Road1000 New Ford Mill Road1000 New Ford Mill Road1000 New Ford Mill Road Morrisville, PA, 19067

Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING 14 BRICK KILN CT NORTHAMPTON, PA, 18067

| NORTHAMPTON, PA, 18067 | |
|--|--|
| Tkt Date 01/14/2021 Pay Type Credit Account Chk# Billing# 0000926 Acc Tons 124.80 Man Tk# PO# 111672 | Vehicle# 05 Volume Trailer# License# au926u Driver Haul Tk# Dest |
| Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI EPA ID NA Manifest 000014 Route | Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT Waste # 506 Origin #/County NY/NEW YORK (State of),NY Origin Name NEW YORK Grid F3 01-14-21 |
| Scale-Cert Time Date Operator In 01/14/2021 09:12 FAIRLESS_LAB_ Out 01/14/2021 10:17 FAIRLESS_LANE B Donovan 8 Comments License: ., AK, Owner: ., Address: | Tons 25.55 |
| | |

| Prod | luct | LD% | Qty | UOM | Rate | Tax | Amount | Origin |
|------|------------------|-----|-------|------|------|-----|--------|--------|
| 1 | Cont Soil Sp. WT | 100 | 25.55 | Tons | | | | NY |

Total Tax Total Ticket _____

| 1. Generator's US EPA ID No. | Manifest Doo | US No. | 2. Page | | | | |
|--|----------------|------------------|--------------------------|-------------------------------|----------------|--------------|------------|
| 3. Generator's Mailing Address: MTACC EAST SIDE ACCESS MTA MID DAVGTERS | ACCESS | | | est Number | 000 | 0014 | |
| 29-76 NORTHERN BLVD 5 TH FL MTA MID-DAY STOR. LONG ISLAND CITY, 11101 SUNNYSIDE YARD, Q 4. Generator's Phone 631-332-9526 5. Transporter 1 Company Name 6 | UEENS, NY | | | | e Generato | or's ID | |
| CUEMER CORONEL H.J | ID Number | \mathcal{O} | | ransporter's porter's Phon | | | |
| 9. Designated Facility Were and Site Address 10. US EP | A ID Number | | | ransporter's orter's Phone | | | |
| Fàirless Landfills 1000 New Ford Mill Rd Morrisville, PA 19067 | | | G. State F H. State F | acility ID acility Phone | | | |
| 11. Description of Waste Materials | | | | | | | |
| | 12. Col No. | ntainers Type | 13. Total Quantity | 14. Unit Wt./Vol. | i. | Misc. Comn | nents |
| a. NON-HAZARDOUS SEWAGE IMPACTED SOILS Yead TO Northern Build WM Profile # 489225PAE | 001 | D | জা হয় ব | | | | |
| b. WM Profile # c. | | | | | | | |
| WM Profile # d. | | | | | | | |
| WM Profile # | | | | | | | |
| J. Additional Descriptions for Materials Listed Above | K. Disposa | Location | | | and the second | | |
| | | | | | | | |
| BILL TO: ENVIRONMENTAL WASTE MINIMIZATION, INC. | Cell Grid | | | | Level | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | |
| Purchase Order # EMERGENCY CO | NTACT / NUO | | | | | | |
| EMERGENCY CO | | | | | | | |
| hereby certify that the above-described materials are not hazardous wastes as dei | fined by CFR F | art 261 or a | any applicab | le state law | have hee | n fully an | 4 |
| Accurately described, classified and packaged and are in proper condition for transp Printed Name | ortation acco | ording to ap | plicable reg | ulations. | | , in any and | |
| Tenzih [hunduf | | -\A | 17A-1 | ESA | Month 1 | Day | Year |
| 7. Transporter 1 Acknowledgement of Receipt of Materials | | | | | | 19 | 21 |
| Printed Name EDISON HIVAPEZ Signature | All | All | 72 | | Month | Day 14 | Year 21 |
| 8. Transporter 2 Acknowledgement of Receipt of Materials Printed Name | | | | | | | - |
| Signature Signature | | | | | Month | Day | Year |
| 9. Certificate of Final Treatment/Disposal | | | | | | | |
| certify, on behalf of the above listed treatment facility, that to the best of my knowle oplicable laws, rggulations, permits and licenses on the dates listed above. | | | waste was | managed in | complianc | e with all | |
| 0. Facility Owner or Operator: Certification of receipt of non-hazardous materials co | vered by this | manifest. | | | | | |
| Signature | // | | _ | | Month | Day | y gar |
| /hite-TREATMENT STORAGE, DISPOSAL FACILITY COPY Blue-GENERATOR | 1/1 | - | | | | | // |



FAIRLESS LANDFILL FAIRLESS LANDFILL1000 New Ford Mill Road1000 New Ford Mill Road1000 Pa 19067Ph: 2157361700 Morrisville, PA, 19067

Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING 14 BRICK KILN CT NORTHAMPTON, PA, 18067

| NORTHAMPTON, PA, 18067 | |
|--|--|
| Tkt Date 01/14/2021 Pay Type Credit Account Chk# Billing# 0000926 Acc Tons 124.80 Man Tk# PO# 111672 | Vehicle# 47 Volume Trailer# License# Driver Haul Tk# Dest |
| Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI EPA ID NA Manifest 000012 Route | Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT Waste # 506 Origin #/County NY/NEW YORK (State of),NY Origin Name NEW YORK Grid F3 01-14-21 |
| Scale-Cert Time Date Operator In 01/14/2021 08:55 FAIRLESS_LAB_ Out 01/14/2021 10:19 FAIRLESS_LANE B Donovan 86 | Operation Type-Inbound Inbound Gross 79120 lb Tare 28900 lb 5176 Net 50220 lb Tons 25.11 |
| Comments | |

| Prod | uct | LD% | Qty | UOM | Rate | Tax | Amount | Origin |
|------|------------------|-----|-------|------|------|-----|--------|--------|
| 1 | Cont Soil Sp. WT | 100 | 25.11 | Tons | | | | NY |

| Total | Tax | |
|-------|--------|--|
| Total | Ticket | |
| | | |

| NON-HAZARDOUS MANIFEST | 1. Generator's L | JS EPA ID No. | Manifest Doo | US No. | 2. Page | | | | |
|--|---|--|----------------------------|------------------|-------------------------------|---|-----------|------------|--------|
| 3. Generator's Mailing Address: | | Generator's Site Addr | ESS (If different than r | nailing): | A. Mani | fest Number | 000 | 012 | |
| MTACC EAST SIDE ACCES | | MATACD EAST SIE MTA MID-DAY STO | DE ACCESS CG | 033 | v | VMNA | 000 | 012 | |
| 29-76 NORTHERN BLVD 5 | | SUNNYSIDE YARD | JNAGE | | | B. State | Generato | or's ID | |
| LONG ISLAND CITY, 1110 | 1 | County: QUEE | | 11101 | | | | | |
| 4. Generator's Phone 631-332 | 2-9526 | | | | | | | | |
| 5. Transporter 1 Company Name | 1- | 6. US | EPA ID Number | | | | | | |
| Valley Corony | Teva | | | | | Transporter's phone | | | |
| 7. Transporter 2 Company Name | Ada. | J 8. US | EPA ID Number | | | | | | |
| # 41- | ASSI | 14 | | | | Fransporter's I orter's Phone | | | |
| 9. Designated Facility Name and Site | Address | 10. US | EPA ID Number | | r. manap | orter s Phone | | | |
| 1000 New Ford Mill Rd | | | | | G. State F | 100 million 100 | | | |
| Morrisville, PA 19067 | | | | No | H. State F | acility Phone | | | |
| | | | | | | | | | |
| 11. Description of Waste Materials | | | 12. Co No. | ntainers Type | 13. Total Quantity | 14. Unit Wt./Vol. | 1. | Misc. Com | ments |
| a. NON-HAZARDOUS SEWAGE IMPACTED SO Yord TO Northern Blod | | CTED SOILS | 001 | 07 | (Contry) | vvi./VOI. | | | |
| WM Profile # 489225PA | νE | | | | | | | | |
| b. WM Profile # | | | | | | | | | |
| с. | | | Construction of the second | | | | | | |
| WM Profile # d. | | | | | | | | | 1. |
| WM Profile # | | | | | | | | | |
| J. Additional Descriptions for Materia | Is Listed Above | | K. Disposa | llocation | | | | | |
| | | | K. Dispose | Location | | | | | |
| BILL TO: ENVIRONMENT | AL WASTE MIN | IMIZATION. INC. | Cell Grid | | | | Level | | |
| 15. Special Handling Instructions and A | dditional Informat | on | ond | | | | | | |
| | | | | | | | | | |
| Purchase Order # | | | | | | | | | |
| 16. GENERATOR'S CERTIFICATE: | | EMERGENCY | CONTACT / PHO | NE NO.: | | | | | |
| I hereby certify that the above-describe | ed materials are no | t hazardous wastes as | defined by CED I | | | | | | |
| accurately described classified and non- | kaged and are in p | roper condition for the | insportation acco | ording to ap | any applicat oplicable reg | ole state law, ulations. | have beer | n fully an | d |
| | 0 | Signature "On b | ehalf of" | MTA | -150 | A | Month | Day | Year |
| accurately described, classified and pac Printed Name | | 1 La | 27 | | | | | 14 | 21 |
| Printed Name PIRIL Rund | ~ | | | | | | 1 | 1 | 1 |
| Printed Name PMZ/L LUND 17. Transporter 1 Acknowledgement of | Receipt of Materia | | - 6 | 1 | | | Month | Day | Year |
| Printed Name PM212 August 17. Transporter 1 Acknowledgement of Printed Nam August Almage | 40 | Signature | ins |) | | | 7 | | 4 |
| Printed Name PINIA 17. Transporter 1 Acknowledgement of Printed Nam Printed Nam | 40 | Signature | ins | \rightarrow | | | 1 | <i>Y</i> | |
| Printed Name PM212 August 17. Transporter 1 Acknowledgement of Printed Nam August Almage | 40 | Signature | dus |) | | | Month | Day | Year |
| Printed Name PINIA Advanced Printed Name 18. Transporter 2 Acknowledgement of Printed Name | Receipt of Materia | Signature Is | ilus | À | | | 7 | Day | Year |
| Printed Name Printed Name Printed Name 18. Transporter 2 Acknowledgement of Printed Name 19. Certificate of Final Treatment/Dispose | Receipt of Materia | Signature | dus - | ¢ | | | Month | | |
| Printed Name Printed Name Printed Name 17. Transporter 1 Acknowledgement of Printed Name 18. Transporter 2 Acknowledgement of Printed Name 19. Certificate of Final Treatment/Dispos certify, on behalf of the above listed tre upplicable laws, regulations, permits and | Receipt of Materia sal atment facility, the licenses on the da | Signature Is Signature at to the best of my knot tes listed above. | | | d waste was | ; managed in a | Month | | |
| Printed Name Printed Name 17. Transporter 1 Acknowledgement of Printed Name 18. Transporter 2 Acknowledgement of Printed Name 19. Certificate of Final Treatment/Dispos certify, on behalf of the above listed tre upplicable laws, regulations, permits and 20. Facjiji Owner or Operator: Certifica | Receipt of Materia sal atment facility, the licenses on the da | Signature Is Signature at to the best of my knot tes listed above. | | | d waste was | ; managed in d | Month | | |
| Printed Name Printed Name Printed Name 17. Transporter 1 Acknowledgement of Printed Name 18. Transporter 2 Acknowledgement of Printed Name 19. Certificate of Final Treatment/Dispos certify, on behalf of the above listed tre | Receipt of Materia sal atment facility, the licenses on the da | Signature Is Signature at to the best of my knot tes listed above. | | | d waste was | : managed in d | Month | | |



FAIRLESS LANDFILL FAIRLESS LANDFILL1000 New Ford Mill Road1000 New Ford Mill Road1000 Pa 19067Ph: 2157361700 Morrisville, PA, 19067

Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING 14 BRICK KILN CT NORTHAMPTON, PA, 18067

| NORTHAMPTON, PA, 18067 | |
|---|--|
| Tkt Date 01/14/2021 Pay Type Credit Account Chk# Billing# 0000926 Acc Tons 124.80 Man Tk# PO# 111672 | Vehicle# 63 Volume Trailer# License# AS467U Driver Haul Tk# Dest |
| Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI EPA ID NA Manifest 000015 Route | Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT Waste # 506 Origin #/County NY/NEW YORK (State of),NY Origin Name NEW YORK Grid F3 01-14-21 |
| Scale-Cert Time Date Operator In 01/14/2021 09:14 FAIRLESS_LAB_ Out 01/14/2021 10:18 FAIRLESS_LANE B Donovan 8 | Operation Type-Inbound Inbound Gross 75580 lb Tare 27820 lb 6176 Net 47760 lb Tons 23.88 |
| Comments | |

| Prod | uct | LD% | Qty | UOM | Rate | Tax | Amount | Origin |
|------|------------------|-----|-------|------|------|-----|--------|--------|
| 1 | Cont Soil Sp. WT | 100 | 23.88 | Tons | | | | NY |

| Total | Tax | |
|-------|--------|--|
| Total | Ticket | |
| | | |

| and the second se | s US EPA ID No. Mai | nifest Doc No | • | 2. Page 1 of | | |
|---|---|--------------------------|------------------|--------------------------|-------------------------------|---------------------------|
| NON-HAZARDOUS MANIFEST | Generator's Site Address (If di | ferent than maili | ng): | A. Manifest | Number | 000015 |
| Generator's Mailing Address: | MATACD EAST SIDE ACC | ESS | | WN | | |
| TACC EAST SIDE ACCESS 9-76 NORTHERN BLVD 5 TH FL | MTA MID-DAY STORAG SUNNYSIDE YARD, QUE | - | | | B. State C | Senerator's ID |
| ONG ISLAND CITY, 11101 | County: QUEENS | 2143,141 22 | | | | |
| Generator's Phone 631-332-9526 | | Number | | The second second second | | |
| Transporter 1 Company Name | 6. A SEPAR | Number | | | ansporter's l | |
| WEREATLOAME | 8. US EPA II |) Number | - 1 | | rter's Phone | |
| Transporter 2 Company Name | 2 | | | E. State Tra | ansporter's I rter's Phone | D |
| DIDTUS HU | 2 10. US EPA | ID Number | <u>un oraș e</u> | F. Manspo | | |
| Designated Racility Name and Site Address airless Landfills | | | | G. State Fa | icility ID icility Phone | |
| 000 New Ford Mill Rd | | | | H. State Fa | icility i none | |
| Aorrisville, PA 19067 | | | 4. Data - 1 | 10 Tetel | 14. Unit | |
| 1. Description of Waste Materials | | 12. Con No. | tainers Type | 13. Total Quantity | 14. Unit Wt./Vol. | I. Misc. Comments |
| NON-HAZARDOUS SEWAGE IN | APACTED SOILS | 001 | DT | .137 93 | s | |
| | proven proc | | | | | |
| VM Profile # 489225PAE | | | | | Contraction (Contraction) | |
| l. | | | | | | |
| VM Profile # | | | | | | |
| NM Profile # | | | | | | |
| l. | | | | | | |
| WM Profile # I. Additional Descriptions for Materials Listed A | bove | K. Dispos | sal Locatio | n | | |
| | | Cell | | | | Level |
| BILL TO: ENVIRONMENTAL WAS | | Grid | | | | |
| 15. Special Handling Instructions and Additional | nformation | | | | | |
| | | | | | | |
| Purchase Order # | EMERGENCY | CONTACT / PH | IONE NO. | | - | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described mater | als are not hazardous wastes as o | lefined by CF | R Part 26 | 1 or any appli | cable state l | aw, have been fully and |
| I hereby certify that the above-described mater accurately described, classified and packaged ar | d are in proper condition for tran | isported the training of | ccording t | o applicable i | regulations. | Month Day Y |
| Printed Name | a signature of the | | 5/11 | H-C | 51) | 1 14 2 |
| 17. Transporter 1 Acknowledgement of Receipt | of Materials | F | P | | | |
| Aringted the M TINK | signatures | M | A | MA | \checkmark | Month Pay |
| NETWO UNVE | of Materials | | <u> </u> | | / | |
| 18. Transporter 2 Acknowledgement of Receipt Printed Name | Signature | | | | | Month Day Y |
| | | | | | | |
| 19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment | facility that to the host of my kn | owledge the | above-de | scribed waste | was manag | ed in compliance with all |
| | s on the dates listed above. | | | | | |
| table laws regulations permits and license | receipt of non-hazardous materia | overed by | this mani | fest. | | Month Ogy |
| I certify, on behalf of the above listed treatment applicable laws, regulations, permits and license 20. Facility Owner of Operator: Certification of | | / / / | | | | |
| table laws regulations permits and license | Signature | //// | | | | IERATOR #1 COPY |



FAIRLESS LANDFILL FAIRLESS LANDFILL 1000 New Ford Mill Road 19067 Morrisville, PA, 19067

Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING 14 BRICK KILN CT NORTHAMPTON, PA, 18067

| NORTHAMPTON, PA, 10007 | |
|--|--|
| Tkt Date 01/14/2021 Pay Type Credit Account Chk# Billing# 0000926 Acc Tons 171.65 Man Tk# PO# 111672 | Vehicle# 13 Volume Trailer# License# AU883L Driver Haul Tk# Dest |
| Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI EPA ID NA Manifest 000016 Route | Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT Waste # 506 Origin #/County NY/NEW YORK (State of),NY Origin Name NEW YORK Grid F3 01-14-21 |
| Scale-Cert Time Date Operator In 01/14/2021 14:30 FAIRLESS_LAB_ rburns Out 01/14/2021 15:02 FAIRLESS_LANE B Donovan 8 | Operation Type-Inbound Inbound Gross 74960 lb Tare 28160 lb 6176 Net 46800 lb Tons 23.40 |
| Comments License: , AK, Owner: , Address: | |
| Product LD% Qty UOM | Rate Tax Amount Origin |
| 1 Cont Soil Sp. WT 100 23.40 Tons | NY |

Total Tax Total Ticket _____

| | 1. Generator's L | JS EPA ID No. | Manifest Doc | 2. Page 1 | of | | | | | |
|-----------------------|--|---|----------------------|-----------------------|---|--|-------------|-------------|------------|--|
| | 3. Generator's Mailing Address: MTACC EAST SIDE ACCESS | Generator's Site Addr MATACD EAST SID MTA MID-DAY STO | E ACCESS | ailing): 033 | A. Manifest Number 00001 WMNA | | | 16 | 16 | |
| | 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101 4. Generator's Phone 631-332-9526 | QUEENS, NY 1 NS | .1101 | | B. State | Generator | 's ID | | | |
| | 5. Transporter 1 Company Name | | US EPA ID Number | | | | | | | |
| | Cuenca Coronel # 13 7. Transporter 2 Company Name | US EPA ID Number | | | C. State Transporter's ID D. Transporter's Phone | | | | | |
| | AUBOJD | | 10. US EPA ID Number | | | E. State Transporter's ID F. Transporter's Phone G. State Facility ID H. State Facility Phone | | | | |
| | 9. Designated Facility Name and Site Address Fairless Landfills 1000 New Ford Mill Rd | 10. U | | | | | | | | |
| Mørrisville, PA 19067 | | | | | | | | | | |
| | 11. Description of Waste Materials | 12. Cor No, | tainers Type | 13. Total Quantity | 14. Unit Wt./Vol. | L 1 | Visc. Comme | nts | | |
| | a. NON-HAZARDOUS SEWAGE IMPA | CTED SOILS | 001 | nye Dir | CPP 12 | Wt.7 Vol. | | | | |
| | WM Profile # 489225PAE | | | | | | | | | |
| - | b. WM Profile # | | | | | | | | | |
| | c. WM Profile # | | | | | | | | | |
| | d. WM Profile # | | | | | | | | | |
| | J. Additional Descriptions for Materials Listed Above | | K. Disposa | I Location | | | | | | |
| | BILL TO: ENVIRONMENTAL WASTE MI | Cell | | | Level | | - | | | |
| | 15. Special Handling Instructions and Additional Informa | | Grid | | | | | | | |
| | Purchase Order # | EMERGENC | Y CONTACT / PHO | | | | | | | |
| | 16. GENERATOR'S CERTIFICATE: | EMERGENC | T CONTACT / PHO | INE INU.: | | | | | | |
| | I hereby certify that the above-described materials are a | not hazardous wastes a | s defined by CFR | Part 261 or | any applical | ole state law, | have beer | n fully and | l | |
| | accurately described, classified and packaged and are in Printed Name | Signature "On | | nATY | pplicable reg | ulations. | Month | Day | Year | |
| | PARIN LLundug | 140 | r |) | | | / | 14 | 21 | |
| | 17. Transporter 1 Acknowledgement of Receipt of Mater | ials | 0 | 0 | | | (| | | |
| | Printed Name Rolando Jimenes | | N | 2 | | | Month | Day 14 | Year 21 | |
| | Transporter 2 Acknowledgement of Receipt of Mater Printed Name | | | | | | Month | | | |
| | - miles name | • | Signature • | | | | | Day | Year | |
| | 19. Certificate of Final Treatment/Disposal I certify on behalf of the above listed treatment facility, t applicable laws regulations, permits and licenses on the | hat to the best of my ki dates listed above. | nowledge, the abo | ve-describ | ed waste wa | s managed in | compliant | e with all | | |
| | 20. Fagility wher or Operator: Certification of receipt o | | als covered by this | manifest. | | | | | | |
| , | Printed Name | Signature | | | | | Month | Day | Year | |
| | | | | | | | | 10 | 27 | |
| / | White-TREATMENT, STORAGE, DISPOSAL FACILITY COPY | Bue- GENERA | TOP #2 COM | > | V. II | OW- GENERAT | 00 | | 0 | |



FAIRLESS LANDFILL FAIRLESS LANDFILL1000 New Ford Mill Road1000 New Ford Mill Road1000 Ph: 2157361700

NY

Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING 14 BRICK KILN CT NORTHAMPTON, PA, 18067

| NORTHAMPTON, PA, 1806/ | | | | | | |
|--|-----------------|-----------|---|---------------------------|-----------------------|--|
| Tkt Date 01/14/2021 Pay Type Credit Account Billing# 0000926 Acc Tons 171.65 Man Tk# PO# 111672 | Chk# | | Vehicle# 47 Trailer# License# Driver Haul Tk# Dest | , | Volume | |
| Generator 132-MTACDEASTS EPA ID NA Manifest 000017 Route | IDEACCESS MTACI | D EAST SI | Waste # 5 | 06 ounty NY/N e NEW | EW YORK (Stat YORK | |
| | | rns | 6176 | - | | ind 75520 lb 28620 lb 46900 lb 23.45 |
| Comments License: as211a | ., AK, Owner: | , Address | : , AK, | . Phone: | | |
| Product | LD% Qty | UOM | Rate | Tax | Amount | Origin |

Total Tax Total Ticket _____

1 Cont Soil Sp. W.-T 100 23.45 Tons

| NON-HAZARDOUS MANIFEST | erator's US EPA ID No. | Manifest Doc I | No. | 2. Page 1 | of [| | | | |
|---|---|--------------------------------|-----------------|---|--|--------------------|-------------|-----------|--|
| 3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL | Generator's Site Add MATACD EAST SII MTA MID-DAY ST SUNNYSIDE YARD | DE ACCESS ORAGE <i>CO</i> C | 133 | S ret=5 | st Number MNA B. State | 0000 Generator | | | |
| LONG ISLAND CITY, 11101 4. Generator's Phone 631-332-9526 | County: QUEE | NS | .1101 | | | | | | |
| 5. Transporter 1 Company Name | reitz | S EPA ID Number | | C. State Transporter's ID D. Transporter's Phone | | | | | |
| 47-AS2/(D. Designated Facility Name and Site Address | A | 10. US EPA ID Number | | | E. State Transporter's ID F. Transporter's Phone G. State Facility ID H. State Facility Phone | | | | |
| Fairless Landfills 1000 New Ford Mill Rd | | | | | | | | | |
| Morrisville, PA 19067 | | | | | | | | | |
| 1. Description of Waste Materials | | 12. Cor No. | tainers Type | 13. Total Quantity | 14. Unit Wt./Vol. | 1. 1 | Aisc. Comme | nts | |
| NON-HAZARDOUS SEWAGE ダーム イオン VM Profile # 489225PAE | IMPACTED SOILS | 001 | DT | 107-13 | 10 | | | | |
|). VM Profile # | | | | | | | | | |
| VM Profile # | | | | | | | | | |
| VM Profile # | | | | | | and a grant day of | | | |
| Additional Descriptions for Materials Listed Above | | | al Location | | | Level | 1 | | |
| 5. Special Handling Instructions and Additiona | Grid | | | | | | | | |
| Purchase Order # EMERGENCY CONTACT / PHONE NO.: | | | | | | | | | |
| GENERATOR'S CERTIFICATE: hereby certify that the above-described mate ccurately described, classified and packaged a | | | | | | , have bee | n fully and | d | |
| rinted Name | Signature "O | n behalf of | <u></u> | MTA | -39 | Month | Day | Year | |
| Penzin Chunduz | | ret |) |) | | | 14 | 2/ | |
| 7. Transporter 1 Acknowledgement of Receip | | - 1 | | | | - Maria | | , | |
| 8. vansporter 2 Acknowledgement of Receipt | of Materials | alux |) | | | Month | Day 14 | Year Z | |
| Printed Name | Signature | | | | | Month | Day | Year | |
| Certificate of Final Treatment/Disposal certify, on behalf of the above listed treatmen pplicable aws, regulations, permits and license | es on the dates listed above. | | | | as managed i | n complian | ce with al | 1 | |
| 0. Facility Owner or Operator: Certification of | | erials covered by thi | s manifest | t. | | | | 1 | |
| Printed Name | Signature | | | | | Month | Day 14 | Year | |
| THE TREATMENT, STORAGE, DISPOSAL FACIL | ITY COPY BUB GENER | ATON #2 COPY | | Yel | low- GENERA | TOR #1 CO | PY | | |
| Pink- FACILITY USE ONLY | Gold TRANSE | ORTER #1 COPY | | | | | | | |



FAIRLESS LANDFILL FAIRLESS LANDFILL 1000 New Ford Mill Road 19067 Morrisville, PA, 19067

Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING 14 BRICK KILN CT NORTHAMPTON, PA, 18067

| NORTHAMPTON, PA, 10007 | |
|---|--|
| Tkt Date 01/14/2021 Pay Type Credit Account Chk# Billing# 0000926 Acc Tons 194.87 Man Tk# PO# 111672 | Vehicle# 4 Volume Trailer# License# AU111V Driver Haul Tk# Dest |
| Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI EPA ID NA Manifest 000018 Route | Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT Waste # 506 Origin #/County NY/NEW YORK (State of),NY Origin Name NEW YORK Grid F3 01-14-21 |
| Scale-Cert Time Date Operator In 01/14/2021 14:44 FAIRLESS_LAB_ rburns Out 01/14/2021 15:13 FAIRLESS_LANE B Donovan 80 | Operation Type-Inbound Inbound Gross 74560 lb Tare 28120 lb Net 46440 lb Tons 23.22 |
| Comments License: , AK, Owner: , Address: | |
| Product LD% Qty UOM | Rate Tax Amount Origin |
| 1 Cont Soil Sp. WT 100 23.22 Tons | NY |

Total Tax Total Ticket _____

| Ľ | NACTE MANAGEMENT | | anifest Doc No | | 2. Page 1 o | | | | |
|---|---|--|--|-------------|---------------------------|---------------------------|------------------------|----------------|--|
| | NON-HAZARDOUS MANIFEST | | | | | Number | 000018 | | |
| | 3. Generator's Mailing Address: | Generator's Site Address (If | | | A. Manifes | | 000018 | | |
| | MTACC EAST SIDE ACCESS | MATACD EAST SIDE AC MTA MID-DAY STORAG | E CRO | 35 | VI | | Generator's ID | | |
| | 29-76 NORTHERN BLVD 5 TH FL | SUNNYSIDE YARD, QU | EENS, NY 13 | L101 | | | | | |
| | LONG ISLAND CITY, 11101 | County: QUEENS | | | | | | | |
| | 4. Generator's Phone 631-332-9526 | | | | | | | | |
| F | 5. Transporter 1 Company Name | | ID Number | | C. State Transporter's ID | | | | |
| 1 | Cuenced Coronal Trucki | - | S EPA ID Number JS EPA ID Number | | D. Transpo | orter's Phone | | 2003 | |
| | 7. Transporter 2 Company Name | 8. US EPA | | | E. State Tr | ansporter's I | D | | |
| | AUILIE | | | | F. Transpo | rter's Phone | | | |
| ŀ | 9. Designated Facility Name and Site Address | 10. US EP/ | | | G. State Facility ID | | | | |
| | Fairless Landfills | | | | H. State F | | | | |
| | 1000 New Ford Mill Rd | | | | | | | D | |
| 3 | Morrisville, PA 19067 | | 10.6 | ntainers | 13. Total | 14. Unit | | 516 | |
| ſ | 11. Description of Waste Materials | | 12. Cor No. | Type | Quantity | Wt./Vol. | I. Misc. Comments | | |
| | a. NON-HAZARDOUS SEWAGE IM Yed to Nutte | PACTED SOILS | 001 | TC | 687.22 | 1.15 | | | |
| 1 | 400225045 | | | | | | | | |
| 5 | WM Profile # 489223PAE | | | | | | | NO.152 | |
| R | WM Profile # | | | | a Mark Markad | | | and the second | |
| Ī | с. | | | | | | | | |
| | WM Profile # | | | | | | | | |
| | d. | | | | | | | | |
| | WM Profile # J. Additional Descriptions for Materials Listed Above | | K. Dispo | sal Locatio | 'n | 1 | | | |
| | | | Cell | | | | Level | | |
| | BILL TO: ENVIRONMENTAL WAST | E MINIMIZATION, INC. | Grid | | | | | | |
| | 15. Special Handling Instructions and Additional Information | | | | | | | | |
| | | | | | | | | | |
| | Purchase Order # | CONTACT / PH | IONE NO.: | | | | | | |
| | 16 CENERATOR'S CERTIFICATE | | | | | | | | |
| | | s are not hazardous wastes as | defined by CF | R Part 261 | or any applic | able state la egulations. | w, have been fully and | | |
| | accurately described, classified and packaged and Printed Name | Signature "On b | ehalf of" | | NTA-1 | SA | Month Day | Ye | |
| | TENZIN Lhunduf | (6 | A | -) '' | | | 14 | 2/ | |
| | 17. Transporter 1 Acknowledgement of Receipt of | Materials | | | | | | | |
| T | Printed Name | Signature | folie | d | 212 ~ 4 | ~ | Month Day | | |
| T R A | DHN Down Lance | Matariala | lect | 0 | Sur | | | n. | |
| A N S | 18. Transporter 2 Acknowledgement of Receipt of Printed Name | Signature | / | | | | Month Day | Ye | |
| A N | | | | | | | | | |
| A N S P O R T E | an a | | | 3 | | | | | |
| A N S P O R T | 10. Contificate of Final Treatment/Disposal | | 19. Certificate of Final Treatment/Disposal I certify, on behalt of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with | | | | | | |
| A N S P O R T E R F | 19. Certificate of Final Treatment/Disposal | cility, that to the best of my kn | wiedge, the a | above-des | | | | | |
| A N S P O R T E | 19. Certificate of Final Treatment/Disposal I certify, on behalt of the above listed treatment fa | on the dates listed above. | | | | | | | |
| A N S P O R T E R F A C I L I | Certificate of Final Treatment/Disposal I certify, on behalt of the above listed treatment fa applicable faws, regulations, permits and licenses of 20. Fayinty Owner or Operator: Certification of re | on the dates listed above. ceipt of non-hazardous materia | | | | | | | |
| A N S P O R T E R F A C I | 19. Certificate of Final Treatment/Disposal I certify, on behalt of the above listed treatment fa | on the dates listed above. | | | est. | | Month Day | | |



FAIRLESS LANDFILL FAIRLESS LANDFILL1000 New Ford Mill Road1000 New Ford Mill Road1000 Pa 19067Ph: 2157361700 Morrisville, PA, 19067

Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING 14 BRICK KILN CT NORTHAMPTON, PA, 18067

| NORTHAMPTON, PA, 1806/ | |
|--|--|
| Tkt Date 01/14/2021 | Vehicle# 05 Volume |
| Pay Type Credit Account Chk# | Trailer# |
| Billing# 0000926 | License# au926u |
| Acc Tons 236.38 | Driver |
| Man Tk# | Haul Tk# |
| PO# 111672 | Dest |
| Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI EPA ID NA Manifest 000019 Route | Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT Waste # 506 Origin #/County NY/NEW YORK (State of),NY Origin Name NEW YORK Grid F3 01-14-21 |
| Scale-Cert | Operation Type-Inbound |
| Time Date Operator | Inbound Gross 73100 lb |
| In 01/14/2021 14:46 FAIRLESS_LAB_ rburns | Tare 27980 lb |
| Out 01/14/2021 15:14 FAIRLESS_LANE B Donovan 86 | 5176 Net 45120 lb |
| | Tons 22.56 |

| Product | LD% | Qty | UOM | Rate | Tax | Amount | Origin |
|--------------------|-----|-------|------|------|-----|--------|--------|
| 1 Cont Soil Sp. WT | 100 | 22.56 | Tons | | | | NY |

| Total | Tax | |
|-------|--------|--|
| Total | Ticket | |
| | | |

| NON-HAZARDOUS MANIFEST | 2. Page : | 1 of \ | | | | | | |
|---|---------------------------------|------------------|--------------|---|---|---|--------------------------|-------------------|
| 3. Generator's Mailing Address: Generator's S MTACC EAST SIDE ACCESS MATACD E | Site Address (If AST SIDE AC | different than r | nailing): | A. Manif | est Number | 000 | 019 | |
| | A MID-DAY STORAGE CO033 | | | | WMNA | | | |
| LONG ISLAND CITY, 11101 | E YARD, QUE | EENS, NY | 11101 | | B. State | e Generato | pr's ID | |
| 4. Generator's Phone 631-332-9526 | | | | | | | | |
| 6. | H.J.850 | | | | | 10 | | |
| 7. Transporter 2 Company Name | | | | | C. State Transporter's ID D. Transporter's Phone | | | |
| HALF DIIDDIII hit | US EPA II | D Number | | E State T | rononestada | ID | | |
| 9. Designated Facility Name and Site Address 10 | | | | | ransporter's orter's Phone | 10.2 | | |
| Fairless Landfills | US EPA | ID Number | | | | | | |
| 1000 New Ford Mill Rd | | | | G. State Facility ID H. State Facility Phone | | | | |
| Morrisville, PA 19067 | | | | n. state F | aciiity Phone | | and the second | |
| 11. Description of Waste Materials | | 12.0 | ntainers | | 1 | | | |
| | | No. | Type | 13. Total Quantity | 14. Unit Wt./Vol. | Ι. | Misc. Comm | ents |
| a. NON-HAZARDOUS SEWAGE IMPACTED SOIL Yeard for Nurther Brod | .S | 001 | 70 | 19713 | 11 | | | |
| WM Profile # 489225PAE | | | | | | | | |
| S. WM Profile # | | | | | | Contraction of the | maken ungen ken | |
| с. | | | | | | | | |
| WM Profile # | | | | | | Ser Contractioners | Connector and the second | C. Lawer war with |
| d. | | | | | | | | |
| WM Profile # | | | | | | | and the second second | |
| Additional Descriptions for Materials Listed Above | | K. Disposa | l Location | | | and the second se | | |
| BILL TO: ENVIRONMENTAL WASTE MINIMIZATION | | Cell | | | | Level | 1 | |
| 5. Special Handling Instructions and Additional Information | I, INC. | Grid | | | | | | |
| Second Handling list decions and Additional Information | | | | | | | | |
| | | | | | | | | |
| | ERGENCY CONT | TACT / PHO | NE NO.: | | | | | |
| 6. GENERATOR'S CERTIFICATE: | | | | | | | | |
| hereby certify that the above-described materials are not hazardous w ccurately described, classified and packaged and are in proper condition rinted Name | vastes as defin | ed by CFR F | Part 261 or | any applicab | le state law, | have bee | n fully and | ł |
| rinted Name Signatu | are "On behalf | of" | ording to ap | plicable reg | ulations. | Month | Day | Year |
| IEnzin Loundan / U | At | 7 |) or | 111-E | 37) | 1 | 14 | 21 |
| 7. Transporter 1 Acknowledgement of Receipt of Materials | C | \bigcirc | | | | | [[| ~ |
| Printed Name Dichal Manager Signatu | ire C | M | nor | 1 | | Month | Day | Year |
| | 6.1 | A/VI | INCL | 2 | | 01 | 14 | 21 |
| LUISON HIVHULL | | | | | | | | |
| Transporter 2 Acknowledgement of Receipt of Materials | re | | | | | Month | Day | Year |
| Transporter 2 Acknowledgement of Receipt of Materials | ire | | | | | | | |
| Action of Receipt of Materials Printed Name Signatu O. Certificate of Final Treatment/Disposal | | | | | | | | |
| Action of the above listed treatment facility, that to the best of the facility of the above listed treatment facility. The facility of the facility of the facility. The facility of the facility of the facility. The facility of the facility of the facility. | of my knowledge | e, the abov | e-describe | d waste was | managed in | compliant | e with all | |
| A. Transporter 2 Acknowledgement of Receipt of Materials Printed Name Signatu O. Certificate of Final Treatment/Disposal ertify, on behalf of the above listed treatment facility, that to the best o pplicable laws-regulations, permits and licenses on the dates listed above | of my knowled | | | d waste was | managed in | complianc | e with all | |
| Action of the above listed treatment facility, that to the best of the facility of the above listed treatment facility. The facility of the facility of the facility. The facility of the facility of the facility. The facility of the facility of the facility. | of my knowledg /e. | | | d waste was | managed in | complianc | e with all | |



FAIRLESS LANDFILL FAIRLESS LANDFILL1000 New Ford Mill Road1000 New Ford Mill Road1000 New Ford Mill Road1000 New Ford Mill Road Morrisville, PA, 19067

Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING 14 BRICK KILN CT NORTHAMPTON, PA, 18067

| NORTHAMPTON, PA, 1806/ | |
|--|--|
| Tkt Date 01/14/2021 | Vehicle# 63 Volume |
| Pay Type Credit Account Chk# | Trailer# |
| Billing# 0000926 | License# AS467U |
| Acc Tons 236.38 | Driver |
| Man Tk# | Haul Tk# |
| PO# 111672 | Dest |
| Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI EPA ID NA Manifest 000020 Route | Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT Waste # 506 Origin #/County NY/NEW YORK (State of),NY Origin Name NEW YORK Grid F3 01-14-21 |
| Scale-Cert | Operation Type-Inbound |
| Time Date Operator | Inbound Gross 65520 lb |
| In 01/14/2021 14:48 FAIRLESS_LAB_ rburns | Tare 27620 lb |
| Out 01/14/2021 15:14 FAIRLESS_LANE B Donovan 8 | 6176 Net 37900 lb |
| Comments | Tons 18.95 |

| Prod | uct | LD% | Qty | UOM | Rate | Tax | Amount | Origin |
|------|------------------|-----|-------|------|------|-----|--------|--------|
| 1 | Cont Soil Sp. WT | 100 | 18.95 | Tons | | | | NY |

Total Tax Total Ticket _____

| AASTE MANAGEMENT 1. Generator's US EPA ID | No. N | 1anifest Doc No |). | 2. Page 1 of | f (| | | | |
|--|--|-----------------------------------|---------------|---|---------------|----------------|---------------|---------|--|
| 1993/942 · · · · · · · · · · · · · · · · · · · | NON-HAZARDOUS MANIFEST Generator's Site Address (If different than mailing): | | | | | |) | | |
| 3. Generator's Mailing Address: MATAG | CD EAST SIDE AG | CCESS | | WN | ЛNA | | | | |
| MTACC EAST SIDE ACCESS | ID-DAY STORA | GE Calj | 33 | | B. State C | Generator's II | 0 | | |
| 29-76 NORTHERN BLVD 5 TH FL SUNNY | 101 | | | | | | | | |
| LONG ISLAND CITY, 11101 Count | ty: QUEENS | | | | | | | | |
| 4. Generator's Phone 631-332-9526 | 6. USEPA ID Minheer | | | | | | | | |
| 5. Transporter 1 Company Name | N/- | 810 | \mathcal{I} | C. State Transporter's ID D. Transporter's Phone | | | | | |
| 8. US EPA ID Number | | | | | | | | | |
| 7. Transporter 2 Company Name | sporter 2 Company Name HhZ o. OS LIVID Handed | | | | ansporter's I | D | | 1 | |
| H24070 HV2 | | A ID Number | | F. Transpo | rter's Phone | | | | |
| 9. Designated Facility Name and Site Address | 10. US EP | Albituitisei | | G. State Fa | | | | | |
| Fairless Landfills | | | | H. State Fa | acility Phone | | | 20.00 | |
| 1000 New Ford Mill Rd | | | | | | | | | |
| Morrisville, PA 19067 | | 12. Cor | ntainers | 13. Total | 14. Unit | I. M | isc. Comments | and the | |
| 11. Description of Weste Materials | | No. | Туре | Quantity | Wt./Vol. | 10 - 22. | | | |
| a. NON HAZARDOUS SEWAGE IMPACTED | SOILS | 001 | DT | 757.22 | 5 P 1 | | | | |
| | | | | | | | | | |
| WM Profile # 489225PAE | | | | | | | | | |
| b. | | | | | | | | | |
| WM Profile # | | | | | | | | | |
| WM Profile # | | | | | | | | | |
| d. | | | | | - | | | | |
| WM Profile # | | K Dicpo | sal Locatio | in . | | | | | |
| J. Additional Descriptions for Materials Listed Above | | K. Dispo | Sai Locatio | | | | | | |
| 5111 TO | TATION INC | | | Level | | | | | |
| BILL TO: ENVIRONMENTAL WASTE MINIM | Grid | | | | | | | | |
| 15. Special Handling Instructions and Additional Information | | | | | | | | | |
| | | | | | | | | | |
| Purchase Order # EMERGENCY CONTACT / PHONE NO.: | | | | | | | | | |
| | | | n n 20 | | cable state l | aw, have bee | n fully and | ł | |
| 16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not h accurately described, classified and packaged and are in prop | azardous wastes as per condition for tr | s defined by CF ansportation a | ccording t | o applicable | regulations. | | | | |
| accurately described, classified and packaged and are involved | Signature "On | behalf of" | ~ | | | Month | Day | Ye 7 | |
| TENZIA Lhundus | | 0 (|) |) | | | 17 | 14 | |
| 17. Transporter 1 Acknowledgement of Receipt of Materials | AS | | TA | ALA | | L Adapt | that | Ye | |
| Neting and and | (signature) | DU | (M | INA | ſ | Minth | 14 | < | |
| 18. Transporter 2 Acknowledgement of Receipt of Materials | Signature | | | | | Month | Day | Ye | |
| Printed Name | Signature | | | / | | | | | |
| 19. Certificate of Final Treatment/Disposal | | | 21 | | 00.000.000 | 11 | | u | |
| Leastify on hehalf of the above listed treatment facility, that | to the best of my k | nowledge, the | above-des | cribed waste | was manag | eu in complia | ince with a | | |
| (i certair)) en e | es listed above. | | | | | | | | |
| and licenses on the date | n-hazardous mater | | | | | | | | |
| applicable laws, regulations, permits and licenses on the date 20. Facility owner or Operator: Certification of receipt of no Printed Name | n-hazardous mater | ials covered by | this mani | | | Month | Day | Y | |



Environmental Laboratories, Inc. 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823



Analysis Report

September 21, 2020

FOR: Attn: Ms. Kristine Garbarino Tectonic Engineering 70 Pleasant Hill Road Mountainville, NY 10953

| Sample | Information |
|--------|-------------|
| | |

| Matrix: | SEDIMENT |
|----------------|----------|
| Location Code: | TECTONIC |
| Rush Request: | 72 Hour |
| P.O.#: | 176361 |

| Received by: | В |
|--------------|----|
| Analyzed by: | SE |

Collected by:

Custody Information

see "By" below

 09/15/20
 8:30

 09/15/20
 14:52

Time

Date

Laboratory Data

SDG ID: GCG77361 Phoenix ID: CG77361

Project ID: 8826.01 MTA CQ033 Client ID: MANHOLE M SEDIMENT

| Parameter | Result | RL/ PQL | Units | Dilution | Date/Time | Ву | Reference | |
|---------------------------|-----------|------------|----------|----------|----------------|--------|------------------|---|
| TCLP Silver | < 0.10 | 0.10 | mg/L | 1 | 09/17/20 | EK | SW846 1311/6010 | |
| TCLP Arsenic | < 0.10 | 0.10 | mg/L | 1 | 09/17/20 | EK | SW846 1311/6010 | 1 |
| TCLP Barium | 0.74 | 0.10 | mg/L | 1 | 09/17/20 | EK | SW846 1311/6010 | |
| TCLP Cadmium | < 0.050 | 0.050 | mg/L | 1 | 09/17/20 | EK | SW846 1311/6010 | |
| TCLP Chromium | < 0.10 | 0.10 | mg/L | 1 | 09/17/20 | EK | SW846 1311/6010 | |
| TCLP Copper | < 0.10 | 0.10 | mg/L | 1 | 09/17/20 | EK | SW846 1311/6010 | |
| TCLP Mercury | < 0.0002 | 0.0002 | mg/L | 1 | 09/16/20 | MGH | SW846 1311/7470 | 1 |
| TCLP Nickel | 0.12 | 0.10 | mg/L | 1 | 09/17/20 | EK | SW846 1311/6010 | |
| TCLP Lead | 0.10 | 0.10 | mg/L | 1 | 09/17/20 | EK | SW846 1311/6010 | |
| TCLP Selenium | < 0.10 | 0.10 | mg/L | 1 | 09/17/20 | EK | SW846 1311/6010D | |
| TCLP Zinc | 1.00 | 0.10 | mg/L | 1 | 09/17/20 | EK | SW846 1311/6010D | |
| TCLP Metals Digestion | Completed | | | | 09/16/20 | VT/AW | / SW3010A | |
| Percent Solid | 69.3 | 1 | % | | 09/15/20 | | SW846-%Solid | |
| Total Solids @ 104C | 69.3 | 0.1 | % | 1 | 09/15/20 | AP/ARG | SM2540B-11 | |
| ASTM C.O.D. | 21 | 10 | mg/L | 1 | 09/18/20 | QH | SM508B/E410.1 | |
| ASTM Ammonia Nitrogen | 0.16 | 0.10 | mg/L | 2 | 09/17/20 | KDB | SM417/E350.2 | |
| ASTM Oil/Grease | < 1.4 | 1.4 | mg/L | 1 | 09/17/20 | MSF | E1664A MOD | |
| ASTM Total Solids | 170 | 10 | mg/L | 1 | 09/16/20 | QH/EP | SM209A/E160.3 | |
| Corrosivity | Negative | | Pos/Neg | 1 | 09/15/20 | MB | SW846-Corr | 1 |
| Flash Point | >200 | 200 | Degree F | 1 | 09/17/20 | BJA | 1010/CH7/ASTMD92 | |
| Ignitability | Passed | 140 | degree F | 1 | 09/17/20 | BJA | SW846-Ignit | 1 |
| Oil and Grease by SW 9071 | 3500 | 200 | mg/Kg | 1 | 09/18/20 | HH/MSF | = SW9071B | |
| pH - Sludge | 7.71 | 1.00 | pH Units | 1 | 09/15/20 21:22 | MB | SW9045D | 1 |
| Reactivity Cyanide | < 6 | 6 | mg/Kg | 1 | 09/16/20 | GD | SW846 7.3.3.1/90 | 1 |
| Reactivity Sulfide | 42.2 | 20 | mg/Kg | 1 | 09/16/20 | GD | SW846 CH7 | 1 |
| Reactivity | Negative | | Pos/Neg | 1 | 09/16/20 | GD | SW846-React | 1 |
| Volatile Solids @ 500C | 5.1 | 0.1 | % | 1 | 09/15/20 | AP/ARG | 3 SM2540E MOD-11 | 1 |
| ASTM Extraction | Completed | | | | 09/15/20 | AW | D 3987 85 | |

Project ID: 8826.01 MTA CQ033 Client ID: MANHOLE M SEDIMENT

| Parameter | Result | RL/ PQL | Units | Dilution | Date/Time | By | |
|-------------------------------|-----------|------------|-----------|----------|-----------|------|-----------------|
| Paint Filter Test | Failed | | PASS/FAIL | | 09/15/20 | В | SW9095B |
| Sludge Ext. for PCB | Completed | | | | 09/18/20 | E/E | SW3550C |
| TCLP Digestion Mercury | Completed | | | | 09/16/20 | | SW7470A |
| TCLP Herbicides Extraction | Completed | | | | 09/16/20 | JS/D | SW8150 MOD |
| TCLP Extraction for Metals | Completed | | | | 09/15/20 | AW | SW1311 |
| TCLP Extraction for Organics | Completed | | | | 09/15/20 | AW | SW1311 |
| TCLP Pesticides Extraction | Completed | | | | 09/18/20 | C/N | SW3510C |
| TCLP Semi-Volatile Extraction | Completed | | | | 09/16/20 | C/N | SW3510C |
| TCLP Extraction Volatiles | Completed | | | | 09/15/20 | AW | SW1311 |
| Initial pH of TCLP Extraction | 7.7 | | pH units | 1 | 09/15/20 | | SM423/E150.1 |
| Polychlorinated Bipher | nyls | | | | | | |
| PCB-1016 | ND | 350 | ug/Kg | 5 | 09/21/20 | SC | SW8082A |
| PCB-1221 | ND | 350 | ug/Kg | 5 | 09/21/20 | SC | SW8082A |
| PCB-1232 | ND | 350 | ug/Kg | 5 | 09/21/20 | SC | SW8082A |
| PCB-1242 | ND | 350 | ug/Kg | 5 | 09/21/20 | SC | SW8082A |
| PCB-1248 | * | * 350 | ug/Kg | 5 | 09/21/20 | SC | SW8082A |
| PCB-1254 | * | * 350 | ug/Kg | 5 | 09/21/20 | SC | SW8082A |
| PCB-1260 | 2800 | * 350 | ug/Kg | 5 | 09/21/20 | SC | SW8082A |
| PCB-1262 | ND | 350 | ug/Kg | 5 | 09/21/20 | SC | SW8082A |
| PCB-1268 | ND | 350 | ug/Kg | 5 | 09/21/20 | SC | SW8082A |
| QA/QC Surrogates | | | | | | | |
| % DCBP | 111 | | % | 5 | 09/21/20 | SC | 30 - 150 % |
| % DCBP (Confirmation) | 102 | | % | 5 | 09/21/20 | SC | 30 - 150 % |
| % TCMX | 78 | | % | 5 | 09/21/20 | SC | 30 - 150 % |
| % TCMX (Confirmation) | 71 | | % | 5 | 09/21/20 | SC | 30 - 150 % |
| TCLP Herbicides | | | | | | | |
| 2,4,5-TP (Silvex) | ND | 10 | ug/L | 2 | 09/17/20 | JRB | SW846 1311/8151 |
| 2,4-D | ND | 20 | ug/L | 2 | 09/17/20 | JRB | SW846 1311/8151 |
| QA/QC Surrogates | | | | | | | |
| % DCAA | 47 | | % | 10 | 09/17/20 | JRB | 30 - 150 % |
| % DCAA (Confirmation) | 62 | | % | 10 | 09/17/20 | JRB | 30 - 150 % |
| TCLP Pesticides | | | | | | | |
| 4,4' -DDD | ND | 2.1 | ug/L | 10 | 09/21/20 | CG | SW8081B |
| 4,4' -DDE | ND | 2.1 | ug/L | 10 | 09/21/20 | CG | SW8081B |
| 4,4' -DDT | ND | 2.1 | ug/L | 10 | 09/21/20 | CG | SW8081B |
| a-BHC | ND | 1.0 | ug/L | 10 | 09/21/20 | CG | SW8081B |
| Alachlor | ND | 1.0 | ug/L | 10 | 09/21/20 | CG | SW8081B |
| Aldrin | ND | 1.0 | ug/L | 10 | 09/21/20 | CG | SW8081B |
| b-BHC | ND | 1.0 | ug/L | 10 | 09/21/20 | CG | SW8081B |
| Chlordane | ND | 10 | ug/L | 10 | 09/21/20 | CG | SW8081B |
| d-BHC | ND | 1.0 | ug/L | 10 | 09/21/20 | CG | SW8081B |
| Dieldrin | ND | 2.1 | ug/L | 10 | 09/21/20 | CG | SW8081B |
| Endosulfan I | ND | 1.0 | ug/L | 10 | 09/21/20 | CG | SW8081B |
| Endosulfan II | ND | 2.1 | ug/L | 10 | 09/21/20 | CG | SW8081B |
| Endosulfan Sulfate | ND | 2.1 | ug/L | 10 | 09/21/20 | CG | SW8081B |
| Endrin | ND | 2.1 | ug/L | 10 | 09/21/20 | CG | SW8081B |
| Endrin Aldehyde | ND | 2.1 | ug/L | 10 | 09/21/20 | CG | SW8081B |

Project ID: 8826.01 MTA CQ033 Client ID: MANHOLE M SEDIMENT

| Parameter | Result | RL/ PQL | Units | Dilution | Date/Time | Ву | |
|-------------------------------------|--------|------------|-------|----------|-----------|----|------------------|
| -BHC (Lindane) | ND | 1.0 | ug/L | 10 | 09/21/20 | CG | SW8081B |
| leptachlor | ND | 1.0 | ug/L | 10 | 09/21/20 | CG | SW8081B |
| eptachlor epoxide | ND | 1.0 | ug/L | 10 | 09/21/20 | CG | SW8081B |
| lethoxychlor | ND | 1.0 | ug/L | 10 | 09/21/20 | CG | SW8081B |
| oxaphene | ND | 42 | ug/L | 10 | 09/21/20 | CG | SW8081B |
| A/QC Surrogates | | | | | | | |
| DCBP (Surrogate Rec) | 55 | | % | 10 | 09/21/20 | CG | 30 - 150 % |
| DCBP (Surrogate Rec) (Confirmation) | 53 | | % | 10 | 09/21/20 | CG | 30 - 150 % |
| TCMX (Surrogate Rec) | 85 | | % | 10 | 09/21/20 | CG | 30 - 150 % |
| TCMX (Surrogate Rec) (Confirmation) | 92 | | % | 10 | 09/21/20 | CG | 30 - 150 % |
| CLP Volatiles | | | | | | | |
| 1-Dichloroethene | ND | 50 | ug/L | 10 | 09/16/20 | HM | SW846 1311/8260 |
| 2-Dichloroethane | ND | 50 | ug/L | 10 | 09/16/20 | HM | SW846 1311/8260 |
| enzene | ND | 50 | ug/L | 10 | 09/16/20 | HM | SW846 1311/8260 |
| arbon tetrachloride | ND | 50 | ug/L | 10 | 09/16/20 | HM | SW846 1311/8260 |
| hlorobenzene | ND | 50 | ug/L | 10 | 09/16/20 | HM | SW846 1311/8260 |
| hloroform | ND | 50 | ug/L | 10 | 09/16/20 | HM | SW846 1311/8260 |
| ethyl ethyl ketone | ND | 50 | ug/L | 10 | 09/16/20 | HM | SW846 1311/8260 |
| etrachloroethene | ND | 50 | ug/L | 10 | 09/16/20 | HM | SW846 1311/8260 |
| ichloroethene | ND | 50 | ug/L | 10 | 09/16/20 | HM | SW846 1311/8260 |
| nyl chloride | ND | 50 | ug/L | 10 | 09/16/20 | HM | SW846 1311/8260 |
| A/QC Surrogates | | | | | | | |
| 1,2-dichlorobenzene-d4 (10x) | 104 | | % | 10 | 09/16/20 | HM | 70 - 130 % |
| Bromofluorobenzene (10x) | 99 | | % | 10 | 09/16/20 | HM | 70 - 130 % |
| Dibromofluoromethane (10x) | 99 | | % | 10 | 09/16/20 | HM | 70 - 130 % |
| Toluene-d8 (10x) | 104 | | % | 10 | 09/16/20 | HM | 70 - 130 % |
| CLP Acid/Base-Neutral | | | | | | | |
| ,4-Dichlorobenzene | ND | 83 | ug/L | 1 | 09/17/20 | WB | SW-846 1311/8270 |
| 4,5-Trichlorophenol | ND | 83 | ug/L | 1 | 09/17/20 | WB | SW-846 1311/8270 |
| 4,6-Trichlorophenol | ND | 83 | ug/L | 1 | 09/17/20 | WB | SW-846 1311/8270 |
| 4-Dinitrotoluene | ND | 83 | ug/L | 1 | 09/17/20 | WB | SW-846 1311/8270 |
| Methylphenol (o-cresol) | ND | 83 | ug/L | 1 | 09/17/20 | WB | SW-846 1311/8270 |
| 4-Methylphenol (m&p-Cresol) | ND | 83 | ug/L | 1 | 09/17/20 | WB | SW-846 1311/8270 |
| exachlorobenzene | ND | 83 | ug/L | 1 | 09/17/20 | WB | SW-846 1311/8270 |
| exachlorobutadiene | ND | 83 | ug/L | 1 | 09/17/20 | WB | SW-846 1311/8270 |
| exachloroethane | ND | 83 | ug/L | 1 | 09/17/20 | WB | SW-846 1311/8270 |
| itrobenzene | ND | 83 | ug/L | 1 | 09/17/20 | WB | SW-846 1311/8270 |
| entachlorophenol | ND | 83 | ug/L | 1 | 09/17/20 | WB | SW-846 1311/8270 |
| /ridine | ND | 83 | ug/L | 1 | 09/17/20 | WB | SW-846 1311/8270 |
| A/QC Surrogates | | | | | | | |
| 2,4,6-Tribromophenol | 101 | | % | 1 | 09/17/20 | WB | 15 - 110 % |
| 2-Fluorobiphenyl | 88 | | % | 1 | 09/17/20 | WB | 30 - 130 % |
| 2-Fluorophenol | 60 | | % | 1 | 09/17/20 | WB | 15 - 110 % |
| Nitrobenzene-d5 | 74 | | % | 1 | 09/17/20 | WB | 30 - 130 % |
| Phenol-d5 | 51 | | % | 1 | 09/17/20 | WB | 15 - 110 % |
| 5 Terphenyl-d14 | 111 | | % | 1 | 09/17/20 | WB | 30 - 130 % |

Project ID: 8826.01 MTA CQ033 Client ID: MANHOLE M SEDIMENT

RI /

| | | RL/ | | | | |
|-----------|--------|-----|-------|----------|-----------|----|
| Parameter | Result | PQL | Units | Dilution | Date/Time | Ву |
| | | | | | | |

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL BRL=Below Reporting Level L=Biased Low

QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Corrosivity is based solely on the pH analysis performed above.

Ignitability is based solely on the results of the closed cup flashpoint analysis performed above. Passed is >140 degree F.

The regulatory hold time for pH is immediately. This pH was performed in the laboratory and may be considered outside of hold-time.

The reactivity, reported above, is based only on the EPA Interim Guidance for Reactive Cyanide. This method is no longer listed in the current version of SW-846.

The reactivity, reported above, is based only on the EPA Interim Guidance for Reactive Sulfide. This method is no longer listed in the current version of SW-846.

Ammonia:

This sample was received with a pH>2 The EPA requires preservation at time of sampling to a pH of <2. A sample bias can not be ruled out.

Oil and Grease:

This sample was received with a pH>=2; pH was adjusted to <2 (EPA requires preservation at time of sampling to a pH of <2.) A sample bias can not be ruled out.

PCB Comment:

* For PCBs, as per section 11.9.3 of SW846 method 8082, when multiple Aroclor's of PCBs are present and the aroclor is no longer recognizable, quantitation may be performed by comparing the total area of the PCB pattern to that of the aroclor it mostly resembles. The PCB pattern did not resemble any of the standards, but most closely resembles a mixture of the Aroclors 1248 and 1254 and 1260. The PCB is quantitated as a timed group and is reported as the Aroclor 1260.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director September 21, 2020 Official Report Release To Follow

Monday, September 21, 2020

State: NY

Criteria: NY: 375, 375IND, 375NR, 375RRS, 375RS, C

Sample Criteria Exceedances Report

GCG77361 - TECTONIC

| State: | NY | | | | | | RL | Analysis |
|---------|-----------|-----------------|--|--------|-----|----------|----------|----------|
| SampNo | Acode | Phoenix Analyte | Criteria | Result | RL | Criteria | Criteria | Units |
| CG77361 | \$PCB_SLR | PCB-1260 | NY / 375-6.8 PCBs/Pesticides / Commercial | 2800 | 350 | 1000 | 1000 | ug/Kg |
| CG77361 | \$PCB_SLR | PCB-1260 | NY / 375-6.8 PCBs/Pesticides / Residential | 2800 | 350 | 1000 | 1000 | ug/Kg |
| CG77361 | \$PCB_SLR | PCB-1268 | NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil | ND | 350 | 100 | 100 | ug/Kg |
| CG77361 | \$PCB_SLR | PCB-1262 | NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil | ND | 350 | 100 | 100 | ug/Kg |
| CG77361 | \$PCB_SLR | PCB-1260 | NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil | 2800 | 350 | 100 | 100 | ug/Kg |
| CG77361 | \$PCB_SLR | PCB-1254 | NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil | * | 350 | 100 | 100 | ug/Kg |
| CG77361 | \$PCB_SLR | PCB-1248 | NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil | * | 350 | 100 | 100 | ug/Kg |
| CG77361 | \$PCB_SLR | PCB-1242 | NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil | ND | 350 | 100 | 100 | ug/Kg |
| CG77361 | \$PCB_SLR | PCB-1232 | NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil | ND | 350 | 100 | 100 | ug/Kg |
| CG77361 | \$PCB_SLR | PCB-1221 | NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil | ND | 350 | 100 | 100 | ug/Kg |
| CG77361 | \$PCB_SLR | PCB-1016 | NY / 375-6.8 PCBs/Pesticides / Unrestricted Use Soil | ND | 350 | 100 | 100 | ug/Kg |
| CG77361 | \$PCB_SLR | PCB-1260 | NY / CP-51 Soil Cleanup / PCBs | 2800 | 350 | 1000 | 1000 | ug/Kg |
| | | | | | | | | |

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

| Coolant: IPK I ICE No | Templ_X°C Pg 1 of 3 | Contact Options: | Email: | Project P.O: 17636 | This section MUST be completed with | TEO914208A Bottle Quantities. | The second secon | | CONTRO CONTROL | | | | | | | | Residential Soil | Commercial Soil Data Package 375SCO Industrial Soil NY Enhanced (ASP B) * Subpart 5 DW Other | |
|-----------------------|-------------------------------|--|----------------------------------|--------------------|---|-------------------------------|--|---|---|--------------------------------|--|--|--|---|--|-------------------------------|--|--|--|
| | NY/NJ CHAIN OF CUSTODY RECORD | 587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040 | 60 | 8826.01 | Report to: Kristine CarbanNo Invoice to: Annuts Pavable. | Quote#: | C C C C C C C C C C C C C C C C C C C | | | | | | | / | | | <u> </u> | What State were samples collected? | |
| | | | Environmental Laboratories, Inc. | Customer: TectoNiC | Address: 70 Pleaseant Hill Road MAINHAINNILLE NV 1/253 | | Cliant Samerics Amormation - Idjuntification Sampler's Cliant Samerics Amormation - Idjuntification Signature | de: king Water GW =Ground Water SW =Surface Water Water SE= Sediment SL =Sludge S =Soil SD =Solid B =Bulk L=Liquid | PHOENIX USE ONLY Customer Sample Sample Date SAMPLE # Identification Matrix Sampled | I MANHOLEN SEDIMENT SE 9/15/20 | | | | | | Relinquished by: Accepted by: | comments, special Requirements or Regulations: Please awalyze for WM Table A part | J day 141 | |



TABLE A PARAMETERS

66677361

| p.2 | of 3 |
|-----|------|
|-----|------|

| | Parameter Name | Туре | Category | Limits | Units | 85% of Limit |
|----------|------------------------|-------------|--------------|-----------------|-------|--------------|
| D | Ignitibility | As Received | | >140 | F | |
| ۵ | Oil & Grease | As Received | | | mg/kg | |
| ۵ | Paint Filter Test | As Received | | No free liquids | | |
| D | PCB's | As Received | | 50 | 1 | |
| D | рН | As Received | | 2 - 12.5 | S.U. | |
| D | Reactive Cyanide | As Received | | 100 | 1 | |
| D | Reactive Sulfide | As Received | | 500 | | |
| ۵ | Total Solids | As Received | | | | |
| ۵ | Total Volatile Solids | As Received | | | | |
| ۵ | Ammonia-Nitrogen | ASTM | | 111111 | mg/l | |
| ۵ | Chemical Oxygen Demand | ASTM | | | | |
| ۵ | Oil & Grease | ASTM | | 88550 | mg/l | |
| ۵ | Total Solids | ASTM | | | | |
| ٥ | рН | TCLP | | | | |
| 0 | Arsenic | TCLP | Metals | 5 | mg/l | 4.25 |
| D | Barium | TCLP | Metals | 100 | mg/l | 85 |
| D | Cadmium | TCLP | Metals | 1 | mg/l | 0.85 |
| D | Chromium | TCLP | Metals | 5 | mg/l | 4.25 |
| D | Copper | TCLP | Metals | 167 | mg/l | 142 |
| D | Lead | TCLP | Metals | 5 | mg/l | 4.25 |
| 0 | Mercury | TCLP | Metals | 0.2 | mg/l | 0.17 |
| 0 | Nickel | TCLP | Metals | 242 | mg/l | 206 |
| D | Selenium | TCLP | Metals | 1 | mg/l | 0.85 |
| Q | Silver | TCLP | Metals | 5 | mg/l | 4.25 |
| 0 | Zinc | TCLP | Metals | 1875 | mg/l | 1594 |
| D | 2,4-D | TCLP | Herb | 10 | mg/l | 8.5 |
| 0 | 2,4,5-TP | TCLP | Herb | 1 | mg/l | 0.85 |
| 0 | Chlordane | TCLP | Pest | 0.03 | mg/l | 0.0255 |
| 0 | Endrin | TCLP | Pest | 0.02 | mg/l | 0.017 |
| 0 | Heptachlor | TCLP | Pest | 0.008 | mg/l | 0.0068 |
| 0 | Heptachlor Epoxide | TCLP | Pest | 0.008 | mg/l | 0.0068 |
| | Lindane | TCLP | Pest | 0.4 | mg/l | 0.34 |
| 0 | Methoxychlor | TCLP | Pest | 10mg/l | 8.5 | |
| 0 | Toxaphene | TCLP | Pest | 0.5 | mg/l | 0.425 |
| | 2,4,5-trichlorophenol | TCLP | Acids | 400 | mg/l | 340 |
| | 2,4,6-trichlorophenol | TCLP | Acids | 2 | mg/l | 1.7 |
| <u> </u> | m-cresol | TCLP | Acids | 200 | mg/l | 170 |
| 0 | o-cresol | TCLP | Acids | 200 | mg/l | 170 |
| | p-cresol | TCLP | Acids | 200 | mg/l | 170 |
| 0 | Pentachlorophenol | TCLP | Acids | 100 | mg/l | 85 |
| <u> </u> | 2,4-dinitrotoluene | TCLP | Base/Neutral | 0.13 | mg/l | 0.1105 |
| <u> </u> | Hexachlorobenzene | TCLP | Base/Neutral | 0.13 | mg/l | 0.1105 |
| | Hexachlorobutadiene | TCLP | Base/Neutral | 0.5 | mg/l | 0.425 |
| | Hexachloroethane | TCLP | Base/Neutral | 3 | mg/l | 2.55 |

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Anril 2014





| | Parameter Name | Туре | Category | Limits | Units | 85% of Limit |
|---|------------------------|-----------------------|--------------|--------|-------|--------------|
| D | Nitrobenzene | TCLP | Base/Neutral | 2 | mg/l | 1.7 |
| D | Pyridine | TCLP | Base/Neutral | 5 | mg/l | 4.25 |
| D | * 1,1-dichloroethyiene | TCLP | Volatiles | 0.7 | mg/l | 0.595 |
| Q | * 1,2-dichloroethane | TCLP | Volatiles | 0.5 | mg/l | 0.425 |
| D | *1,4-dichlorobenzene | TCLP | Volatiles | 7.5 | mg/l | 6.375 |
| D | *Benzene | TCLP | Volatiles | 0.5 | mg/l | 0.425 |
| D | *Carbon Tetrachloride | TCLP | Volatiles | 0.5 | mg/l | 0.425 |
| D | * Chlorobenzene | TCLP | Volatiles | 100 | mg/l | 85 |
| D | *Chloroform | TCLP | Volatiles | 8 | mg/l | 6.8 |
| ۵ | * Methyl ethyl ketone | TCLP | Volatiles | 200 | mg/l | 170 |
| ۵ | *Tetrachloroethylene | TCLP | Volatiles | 0.7 | mg/l | 0.595 |
| D | * Trichloroethylene | ne TCLP Volatiles 0.5 | | 0.5 | mg/l | 0.425 |
| ۵ | * Vinyl Chloride | TCLP | Volatiles | 0.2 | mg/l | 0.17 |

APPENDIX I

Operations, Maintenance, and Monitoring (OM&M) Plan



Operable Unit 5 Operation Maintenance and Monitoring Plan

Sunnyside Yard Queens, New York

May 20, 2022

Prepared for:

National Railroad Passenger Corporation Washington, D.C. 20002

Prepared by:

Roux Environmental Engineering and Geology, D.P.C. 209 Shafter Street Islandia, New York 11749

Environmental Consulting & Management +1.800.322.ROUX rouxinc.com

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A. Operation Maintenance and Monitoring (OM&M) Inspection Form

Plates

1. Site Plan/Sewer System Basemap

CERTIFICATION

I Charles J. McGuckin certify that I am currently a registered professional engineer licensed by the State of New York and that this Operations, Maintenance and Monitoring Plan was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modifications.

Charles J. McGuckin, P.E. NYS Professional Engineer #069509 <u>May 19, 2022</u> Date



1. Introduction

On behalf of the National Railroad Passenger Corporation (Amtrak) and the New Jersey Transit Corporation (NJTC), Roux Environmental Engineering and Geology, D.P.C. (Roux) has prepared this Operations, Maintenance and Monitoring (OM&M) Plan for Operable Unit 5 (OU-5) of Amtrak's Sunnyside Yard, located at 39-29 Honeywell Street in Queens, New York (Yard).

1.1 Summary of Site Remedial History

Amtrak and NJTC entered into an Order on Consent (OOC) Index #W2-0081-87-06 with the New York State Department of Environmental Conservation (NYSDEC) in October 1989 for the Remedial Investigation (RI)/Feasibility Study (FS) portions of the remedial program at the 133-acre Yard. Further, Amtrak and NJTC entered into the subsequent OOC Index #W2-0081-08-10 with NYSDEC in May 2010 for the implementation of NYSDEC-approved remedies at the Yard. Sunnyside Yard is listed as a Class II Site in the NYSDEC's Registry of Inactive Hazardous Waste Disposal Sites. The Yard location is shown on Figure 1.

OU-5 is defined as the sewer system (both water and sediment) beneath the Yard. A Site Plan presenting the sewer system layout is presented in Plate 1. The Yard-wide sewer system consists of two separate subsystems: the primary combined sewer system in the main section of the Yard servicing among other facilities, the commissary area, engine house, and the body tracks and ultimately discharging to the Bowery Bay Wastewater Treatment Plant. The secondary sewer system is significantly smaller than the primary system and is a storm sewer system that serves a portion of the western section of the Yard (this portion of the Yard does not contain industrial activities). The secondary storm sewer system, which discharges to a sewer beneath 28th Street, is combined with other storm water discharge (unrelated to Amtrak or Yard operations) and ultimately discharges into Dutch Kills.

Manhole MH-40 represents the collection point of the three sewer legs comprising the primary sewer system, and it is the furthest downstream manhole located in OU-5 (see Plate 1).

1.2 Summary of OU-5 Remedial Activities Completed

As documented in the OU-5 Record of Decision (ROD) dated March 2012 (NYSDEC, 2012), the OU-5 remedy included the cleanout of sediment and water from within primary sewer system manholes MH-38 and MH-40. These activities were completed at the Yard, and the results were documented in detail in the OU-5 Construction Completion Report (CCR), prepared by Roux dated April 25, 2022. A brief summary of these remedial activities completed is provided below.

1.2.1 MH-38 Remedial Activities

On March 9, 2013 Clean Harbors Environmental Services (CHES) was contracted by Amtrak to cleanout MH-38 under the oversight of Roux. As described in the CCR, although not required in the ROD, Amtrak also completed the cleanout of manhole MH-2 on this date. This work included the removal of all standing sewer water and sewer sediment from within both manholes using a high-powered Guzzler truck, followed by the cleaning of the manhole structures using hydraulic jetting, coupled with the use of high-powered vacuum.

1.2.2 MH-40 Remedial Activities

As an initial task to the MH-40 cleanout, Roux contracted AARCO Environmental Services Corp. (AARCO) to complete a confined space entry into Manhole MH-40 to assess interior conditions of the MH-40 vault on July 8, 2013. Measurements of Manhole MH-40 vault dimensions, sediment depth, and the volume of water passing through Manhole MH-40 were collected to estimate the volume of waste to be generated. During the inspection, it was discovered that the weir that previously existed in the MH-40 vault, which served as a sediment trap, was no longer present (note this Manhole MH-40 is not in Amtrak property, and is not controlled by Amtrak) and the installation of a new weir would be required.

Subsequent to this initial inspection, Philips Services Corporation Industrial Outsourcing, Inc. (PSC) was contracted by Amtrak to complete MH-40 remedial activities under the oversight of Roux. Manhole MH-40 was cleaned out in January 2014. A total of approximately 28 tons of PCB contaminated sediment and water was removed and disposed of in accordance with all federal, state and local rules and regulations. Following sediment removal from Manhole MH-40, a new weir was constructed approximately eight feet downstream from the Manhole MH-40 surface grate, as described in Section 1.2.3.

The purpose of this OM&M Plan is to describe the function, design, and operation and maintenance of the Manhole MH-40 sediment containment weir and stormwater discharge as implemented at Sunnyside Yard.

1.2.2.1 MH-40 Inspections, Additional Clean Out and Weir Construction

On February 13, 2019, Roux's subcontractor, Innovative Recycling Technologies (IRT) of Lindenhurst, NY, inspected the interior of MH-40 to evaluate the conditions including sediment accumulations and condition of the weir and to collect sediment and water samples for laboratory analysis. During MH-40 interior inspection, approximately 6-inches of sediment accumulation was observed at the bottom of MH-40. Additionally, the weir was not observed to be present during the February 2019 inspection. Based on conversations with Mass Transit Authority (MTA), MTA planned to clean out MH-40 and the northern section of the sewer line that leads to the siphon on Northern Boulevard in 2020 due to excessive sediment accumulations in the northern section of the sewer line. Following removal of sediment from MH-40, MTA agreed to reconstruct/reinstall the weir in accordance with MH-40 detail (see Figure 4).

On February 13, 2019, Roux collected one sediment sample and one water sample from MH-40, which was submitted to Alpha Analytical of Westborough, Massachusetts, a New York State Department of Health (NYSDOH) Environmental Laboratory Accreditation Program (ELAP) certified laboratory (NY 11627) and analyzed for PCBs. Based on the sample results, PCBs were not detected above Yard-specific criteria.

On November 10, 2020 through November 24, 2020, MTA's contractor, Tutor Perini, completed the clean out (removal of sediment) of MH-40 and the section of the sewer that leads to the siphon on Northern Boulevard as well as the reconstruction of the weir. Roux performed an inspection of MH-40 on February 26, 2021, and verified the weir was constructed in accordance with MH-40 detail provided on Figure 2 and described in section 1.2.3 below.

Approximately 485 tons of sewer sediment (sediment from MH-40 to the siphon on Northern Boulevard) were generated during MTA sediment removal activities. This material was temporarily staged onsite prior to being transported off-Site to Fairless Landfill located in Morrisville, Pennsylvania for disposal as a non-hazardous, contaminated waste.

1.2.3 Weir Construction

The manhole MH-40 weir is constructed of polyethylene sand bags. Each bag is constructed of durable polyethylene manufactured to be resistant to chemicals, oil, and ultra violet damage. The sand bag weir is configured to be three rows deep (approximately 3.5 feet long), and three bags in height (approximately 18-inches tall), across the entire east-west span of the Manhole MH-40 vault area (as show in Figure 2). The weir is located approximately 8 feet north (downstream) of the Manhole MH-40 surface grate.

Sewer water potentially containing PCB contaminated sediment flows through Manhole MH-40 prior to discharge. The newly constructed weir operates as a sediment trap by shifting the flow of sewer water allowing sediment to fall out of suspension and collect upstream of the sand bags to prevent PCBs from leaving the Site.

2. Manhole MH-40 Inspection

Manhole MH-40 inspection activities are described in the following section.

2.1 MH-40 Inspections

Inspections of manhole MH-40 and the weir constructed (as described above in Section 1.2.3) shall be completed once every two years. The manhole MH-40 Inspection Form, included in Appendix A, should be filled out completely during every inspection event.

As part of the inspection, worker entry into manhole MH-40 for inspections shall be considered permitrequired confined space entry. All permit-required confined space entry procedures must be followed in accordance with the Site-Specific HASP prepared by Roux and all applicable Occupational Safety and Health Administration (OSHA) requirements. This includes the completion of air monitoring before worker entry into manhole MH-40 and throughout the duration workers are in manhole MH-40, the presence of an entry supervisor and attendant, and the use of a tripod or other suitable emergency retrieval device.

Sediment within Manhole MH-40 shall be inspected by visual inspection, olfactory and photoionization detector (PID) sediment screening during each inspection. Sediment accumulation along the weir shall be measured, as is not to exceed one-third the height of the weir (i.e., 6 inches). The condition of the weir, as well as the concrete vault structure will also be inspected. The entire inspection event will be photo documented.

In the event weir maintenance is required, Roux shall notify the NYSDEC prior to the start of work. Manhole MH-40 maintenance is described further in Section 4.

3. Manhole MH-40 Monitoring

The routine monitoring plan, consisting of sampling manhole MH-40 and identifying trends in PCB concentration in sewer sediment and water is described in the following sections. Samples will be collected utilizing the same methods used during the implementation of the OU-5 Remedial Investigation, and in accordance with the monitoring section of the OU-5 Remedial Action Work Plan (Roux Associates, 2012).

3.1 Sewer Water and Sediment Monitoring

Sewer water and sediment samples will be collected once every two years from manhole MH-40 to be submitted for PCB analysis. Monitoring events will roughly coincide with the timing of inspection events (described above in Section 2.).

During each monitoring event, sewer water samples will be collected during both dry conditions (i.e. base flow) and during a storm event. Both unfiltered and field filtered sewer water samples will be submitted for laboratory analysis during the dry and storm sampling events. Sewer sediment (if present) will be collected only during the dry conditions event.

Sewer water and sediment samples will be submitted for laboratory analysis for PCBs in accordance with the procedures outlined in Section 3.2.

3.2 Sampling and Analytical Procedures

All sampling equipment will be decontaminated prior to the start of the work, between each sample, and after the completion of the work. Decontamination will consist of cleaning the equipment with a non-phosphate, laboratory-grade detergent and distilled/deionized water solution, then rinsing with pesticide grade ethanol or methanol.

All samples will be containerized in appropriate laboratory supplied bottleware, stored in an ice-containing cooler, and shipped under chain-of-custody procedures. Sewer water and sediment samples submitted for laboratory analysis will be analyzed for PCBs via Method 8082. As appropriate, duplicate samples, matrix spike, matrix spike duplicates, and trip blanks will be collected and analyzed for quality control.

All PCB analysis will be performed by Alpha Analytical Laboratory of Westborough, Massachusetts. The laboratory will provide Category B deliverables to allow for review by a third-party data validator and the preparation of a Data Usability Summary Report (DUSR).

4. Manhole MH-40 Maintenance

Manhole MH-40 weir maintenance and procedures are described in the following sections.

4.1 Remediation Activities

In the event that the manhole MH-40 weir is found in need of maintenance, for example sediment accumulation greater than 6 inches, exceedance of the Site-Specific OU-5 Remedial Objectives (25 milligrams per kilogram of PCBs in sewer sediment or 1 microgram per liter of PCBs in sewer water), damaged and/or missing sections of the weir, Roux shall notify the NYSDEC prior to the start of maintenance activities.

Should sewer sediment and water removal be required, this work will be completed using similar methods utilized during the initial MH-40 cleanout completed in January 2014. Any removed sediment and water will be contained and transported off-site for proper disposal. Should weir maintenance be necessary, all repairs will be made using similar materials and construction utilized during the weir construction, as described above in Section 1.2.3.

Prior to completing maintenance, it may be necessary to divert the flow of incoming sewer water in portions of manhole MH-40. If necessary, water shall be diverted using method similar to those utilized during the initial MH-40 cleanout completed in January 2014. Additionally, if entry into the manhole is required, all confined space entry procedures described above will be followed.

Figure 2 presents a plan view of manhole MH-40 interior.

5. Schedule and Reporting

Consistent with the ROD (NYSDEC, 2012) and RAWP (Roux Associates, 2012), the Scope of Work presented in this OM&M Plan will be implemented within 2 years after completion of remedial activities conducted in accordance with the ROD (i.e., by the end of January 2016). This monitoring program will then commence and continue once every 2 years until the remediation efforts in OU-3 and OU-4 are completed, ESA construction is completed, and two consecutive rounds of data are obtained from Manhole MH-40 without any exceedances of the sediment or water cleanup objectives, as described in the CCR.

Within one month of the completion of an Inspection and Monitoring event and receipt of validated analytical data (and completion of maintenance activities, if warranted), Roux will submit a report of our finding to NYSDEC. This report will include details of all work performed, analytical results, and photographs.

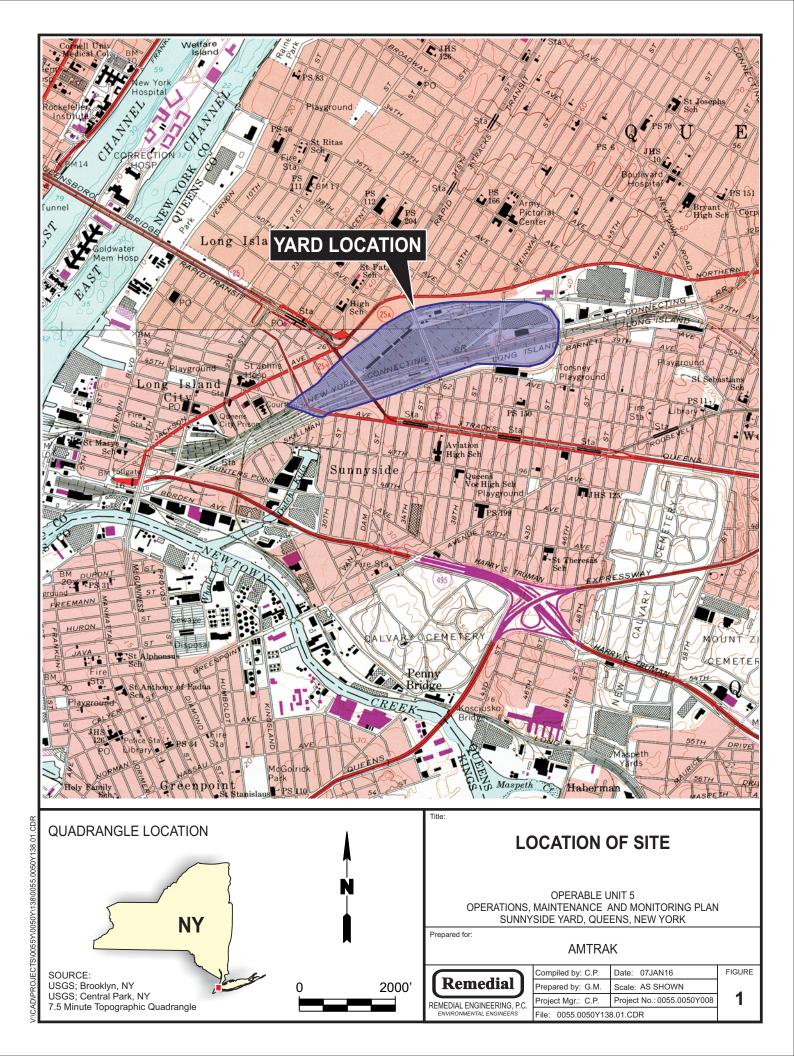
6. References

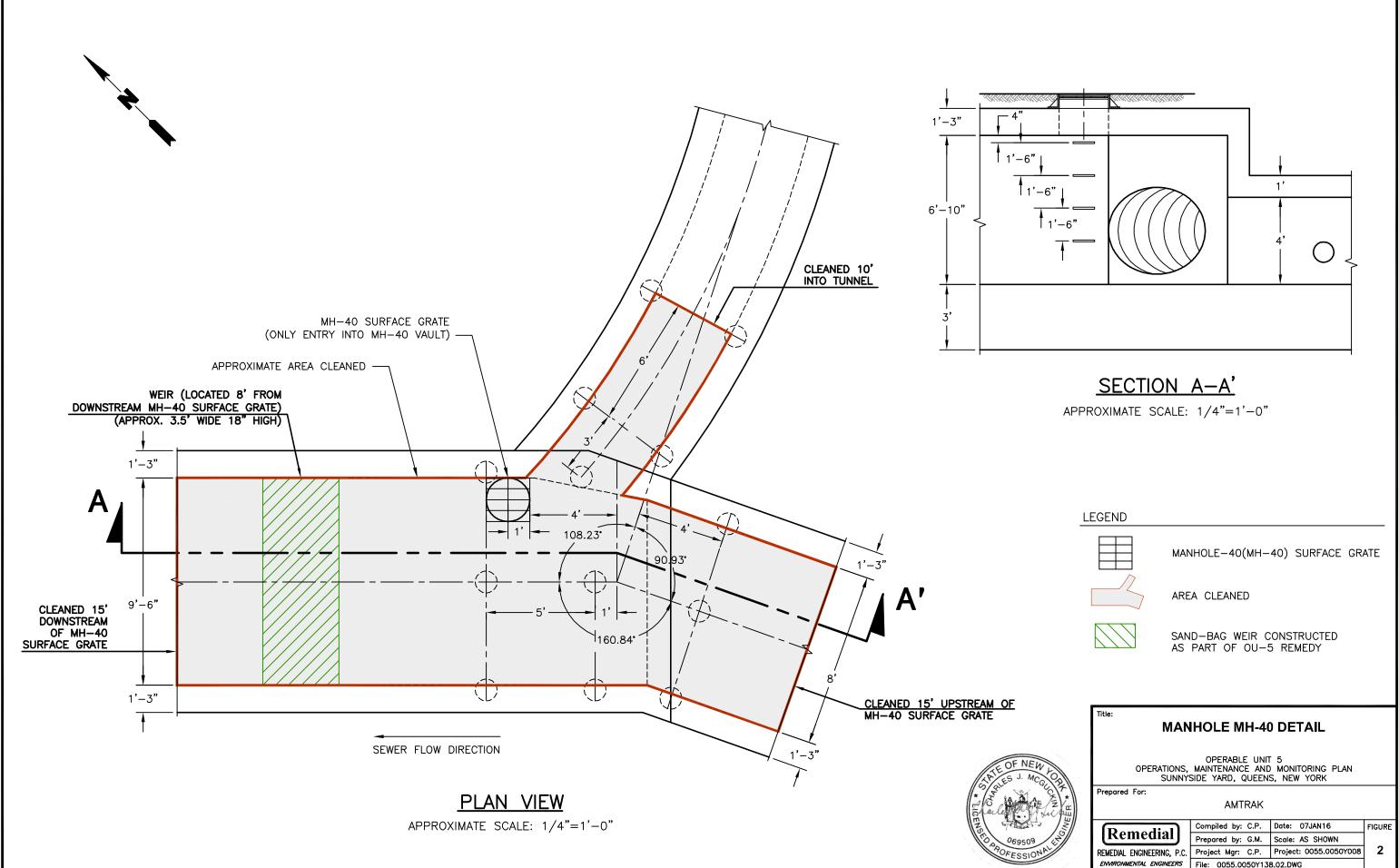
- NYSDEC, 2012. Record of Decision, Amtrak Sunnyside Yard, Operable Unit Number 05, State Superfund Project, Long Island City, Queens County, Site Number 241006, March 2012.
- Remedial Engineering, P.C., 2014. OU-5 Construction Completion Report, Amtrak Sunnyside Yard, Queens County, New York, June 2014.
- Roux Associates, Inc., 2010. Health and Safety Plan for the Operable Unit 5 (OU-5) Remedial Investigation, Sunnyside Yard, Queens, New York, May 2010.
- Roux Associates, Inc., 2012. Operable Unit 5 (OU-5) Remedial Action Work Plan, Sunnyside Yard, Queens, New York, September 26, 2012.

OM&M Plan for Operable Unit 5 (OU-5) 39-29 Honeywell Street in Queens, New York

FIGURES

- 1. Location of Site
- 2. Manhole MH-40 Detail





OM&M Plan for Operable Unit 5 (OU-5) 39-29 Honeywell Street in Queens, New York

APPENDIX A

Operation Maintenance and Monitoring (OM&M) Inspection Form

Manhole MH-40 Operation, Maintenance and Monitoring Inspection Form Amtrak, OU-5 Sunnyside Yard, Queens, New York

OPERATOR:

DATE:

WEATHER:

| | | | Last Recorded | | |
|--|---|-----------|---------------|----------|-----------------|
| Operation, Maintenance and Monitoring Task | | Frequency | Inspection | Status | Action Required |
| | Inspection during Dry Conditions | 2Y | | YES / NO | |
| | Inspection during Wet Conditions | 2Y | | YES / NO | |
| | Influent | | | | |
| | Large debris/damage | 2Y | | YES / NO | |
| | Erosion/sloughing/exposed or torn liner | 2Y | | YES / NO | |
| | Damage/clogging | 2Y | | YES / NO | |
| | Weir water elevation | 2Y | | feet | |
| Manhole MH-40 Weir | Available Freeboard | 2Y | | YES / NO | |
| WIN-40 Well | Maintenance Required | 2Y | | YES / NO | |
| | Effluent | | | | |
| | Atypically high water level | 2Y | | YES / NO | |
| | Weir water elevation | 2Y | | feet | |
| | Erosion/sloughing/exposed or torn liner | 2Y | | YES / NO | |
| | Discharge pipe clear of debris | 2Y | | YES / NO | |
| | Maintenance Required | 2Y | | YES / NO | |
| | Inspection during Dry Conditions | 2Y | | YES / NO | |
| | Inspection during Wet Conditions | 2Y | | YES / NO | |
| | Odors observed | 2Y | | YES / NO | |
| Sewer Water | Water level | 2Y | | feet | |
| sewer water | Flow observed | 2Y | | YES / NO | |
| | Water Sample Collected for PCB analysis (Dry Conditions)* | 2Y | | YES / NO | |
| | Water Sample Collected for PCB analysis (Wet Conditions)* | 2Y | | YES / NO | |
| | Maintenance Required | 2Y | | YES / NO | |
| | Inspection during Dry Conditions | 2Y | | YES / NO | |
| 0 | Inspection during Wet Conditions | 2Y | | YES / NO | |
| | Odors observed | 2Y | | YES / NO | |
| Sewer Sediment | PID Readings | 2Y | | ppm | |
| Seuinent | Sediment accumulation height | 2Y | | feet | |
| | Sediment Sample Collected for PCB analysis* | 2Y | | YES / NO | |
| | Maintenance Required | 2Y | | YES / NO | |

*- All samples will be containerized in appropriate laboratory supplied bottleware, stored in an ice-containing cooler and shipped under chain-of-sustody procedures. Water and sediment samples submitted for laboratory analysis will be analyzed for PCBs via Method 8082.

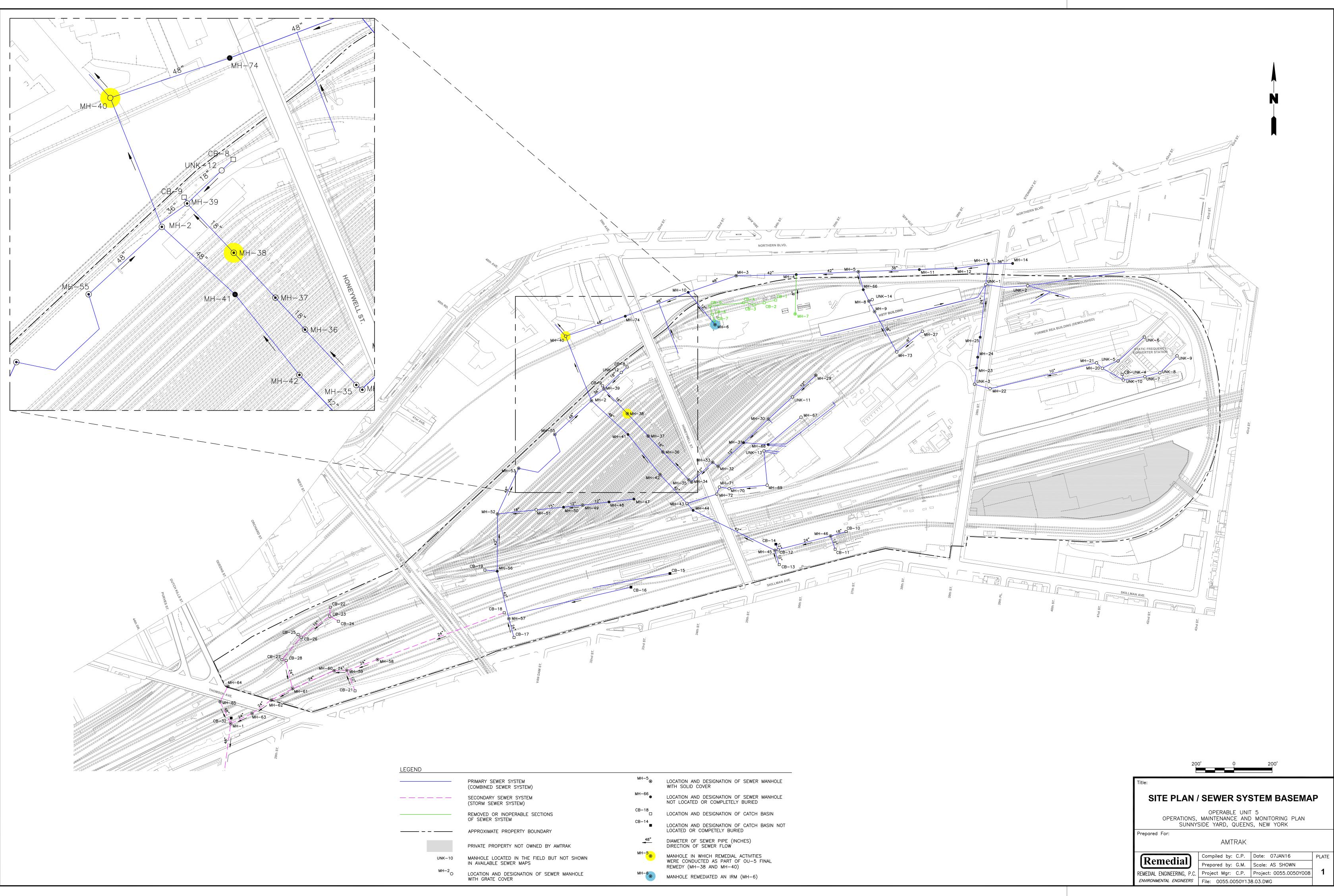
OM&M NOTES/ COMMENTS:



OM&M Plan for Operable Unit 5 (OU-5) 39-29 Honeywell Street in Queens, New York

PLATE

1. Site Plan/Sewer System Basemap

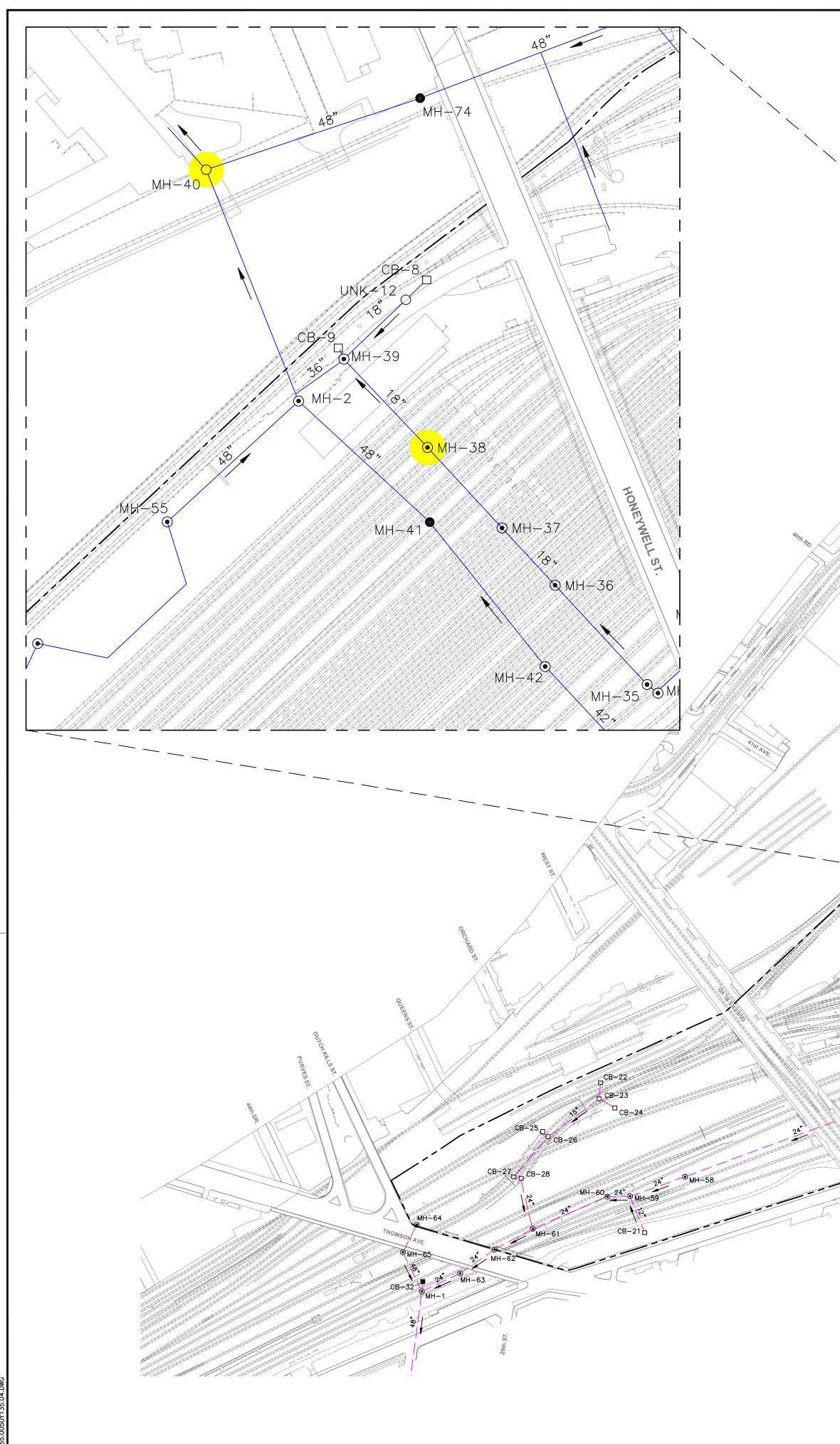


| PRIMARY SEWER SYSTEM (COMBINED SEWER SYSTEM) | MH−5 ● | LOCATION AND DESIGNATION OF SEWER MANHOLE WITH SOLID COVER |
|---|------------|--|
| SECONDARY SEWER SYSTEM (STORM SEWER SYSTEM) | MH−66 | LOCATION AND DESIGNATION OF SEWER MANHOLE NOT LOCATED OR COMPLETELY BURIED |
| REMOVED OR INOPERABLE SECTIONS OF SEWER SYSTEM | CB-18 | LOCATION AND DESIGNATION OF CATCH BASIN |
| APPROXIMATE PROPERTY BOUNDARY | CB-14 ■ | LOCATION AND DESIGNATION OF CATCH BASIN NOT LOCATED OR COMPETELY BURIED |
| PRIVATE PROPERTY NOT OWNED BY AMTRAK | 48" | DIAMETER OF SEWER PIPE (INCHES) DIRECTION OF SEWER FLOW |
| MANHOLE LOCATED IN THE FIELD BUT NOT SHOWN IN AVAILABLE SEWER MAPS | MH-5 | MANHOLE IN WHICH REMEDIAL ACTIVITIES WERE CONDUCTED AS PART OF OU-5 FINAL REMEDY (MH-38 AND MH-40) |
| LOCATION AND DESIGNATION OF SEWER MANHOLE WITH GRATE COVER | MH-6 | MANHOLE REMEDIATED AN IRM (MH-6) |

| | AMTRAK | | |
|----------------------------|--------------------|------------------------|-------|
| Remedial | Compiled by: C.P. | Date: 07JAN16 | PLATE |
| Kemeulal | Prepared by: G.M. | Scale: AS SHOWN | |
| REMEDIAL ENGINEERING, P.C. | Project Mgr: C.P. | Project: 0055.0050Y008 | 1 |
| ENVIRONMENTAL ENGINEERS | File: 0055.0050Y13 | 8.03.DWG | |

PLATES

Site Plan Sewer System Basemap



| | Sall Rate File | State Street | | in the second se | | |
|------------------|--|--|------------------------------|--|----------|---------------------------------------|
| TAN LINES | | | | | | |
| ADIA AVE | | | 48" | MH-3 42" | 42" | HH=5 36 MH−1 |
| | | MH-1 | | | | MH=66 MH-8 ♥ UNK-14 |
| | 48" M | HH-74 | 0 1 1 1 1 1 1 1 1 1 1 | CB-3 CB-2 | •MH-7 | MH-9 HSTF BUILDING |
| MH=4(| | | | | | A A A A A A A A A A A A A A A A A A A |
| | UNK 12 | | | | | б мн-73 |
| | CB-9 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5 | | | | ФМН-29 | |
| | б мн−2 тох | мн-38 | | | OMH-67 | |
| MU 55 | жи Ми-41 | € ⊛MH-37 | ONE | MH#30 @ | | |
| | | %+ ©MH−36 | мн. | -310 MH-68 UNK-13 | | |
| Mi-53® | | MH-42 MH-42 | 5 0 MH-32 5 0 MH-34 MH-71 | | | |
| | 12" <u>12"</u> | •MH=47 MH=43 | 0MH-72 | 1-70 - MH-69 | | |
| MH-52 MH-51 | MH-49 MH-48 | | MHT 44 | CB-14 | | |
| 777 | | | | CB-14 | 24" | |
| CB 19 MH-56 | | CB-15 | | | | |
| A | | CB-16 | | SKILLMAN AV | | 37th ST. 38th ST. |
| CB-18 @ MH=57 | | | | 35th ST. | 36th ST. | |
| CB-17 | | tion to the second seco | ^{34th} ST. | 32 | | |
| | 32nd ST. | ^{33rd} ST. | | | | |
| VAN DAM ST. | | | | | | |
| | | | | | | |

| LEGEND | | | |
|--------|---|----------------|--|
| | PRIMARY SEWER SYSTEM (COMBINED SEWER SYSTEM) | MH−5 ⊚ | LOCATION AND I WITH SOLID COV |
| | SECONDARY SEWER SYSTEM (STORM SEWER SYSTEM) | MH−66 | LOCATION AND I NOT LOCATED O |
| | REMOVED OR INOPERABLE SECTIONS OF SEWER SYSTEM | CB-18 CB-14 | LOCATION AND |
| | APPROXIMATE PROPERTY BOUNDARY | | LOCATION AND I LOCATED OR CO |
| | PRIVATE PROPERTY NOT OWNED BY AMTRAK | 48" | DIAMETER OF SI DIRECTION OF S |
| UNK-10 | MANHOLE LOCATED IN THE FIELD BUT NOT SHOWN IN AVAILABLE SEWER MAPS | | MANHOLE IN WH WERE CONDUCT REMEDY (MH-38 |
| MH-2 | LOCATION AND DESIGNATION OF SEWER MANHOLE WITH GRATE COVER | MH-6 | MANHOLE REMEI |

