

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

Prepared by:

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

0055.0147Y105/CV

Environmental Consulting & Management +1.800.322.ROUX rouxinc.com

Table of Contents

List of Acronyms	3
Certification	5
1. Background and Site Description	6
 Summary of OU-5 Remedy 2.1 Remedial Action Objectives 2.2 Description of Selected Remedy 	7
 Interim Remedial Measures, Operable Units and Remedial Contracts	9
 4. Description of Remedial Actions Performed	. 11 . 11
4.1.3 Community Air Monitoring Plan (CAMP)4.1.4 Community Participation Plan (CPP)4.1.5 Monitoring Plan	. 12 . 12 . 13
 4.2 Remedial Program Elements	. 13 . 13
4.2.4 Nuisance Controls4.2.5 CAMP Results4.2.6 Reporting	14 15 15
 4.3 Contaminated Materials Removal	. 15 . 16
4.3.2.2 MH-40 Inspections, Additional Clean Out and Weir Construction 4.3.3 Disposal Details	. 17
4.4 Contamination Remaining at the Site4.5 Engineering Controls4.6 Institutional Controls	. 19
4.7 Deviations from the Remedial Action Work Plan4.7.1 Cleanout of MH-2	. 19 . 20
4.7.2 Weir Installation in MH-405. References	

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 Sample MH-40 2019 Sample

Figures

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

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 Pre and 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 Sample)
- H. Combined Sewer Cleaning per CPR068 (MH-40 to Siphon) Tutor Perini
- I. Operations, Maintenance, and Monitoring (OM&M) Plan

Plate

1. Site Plan Sewer System Base Map

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



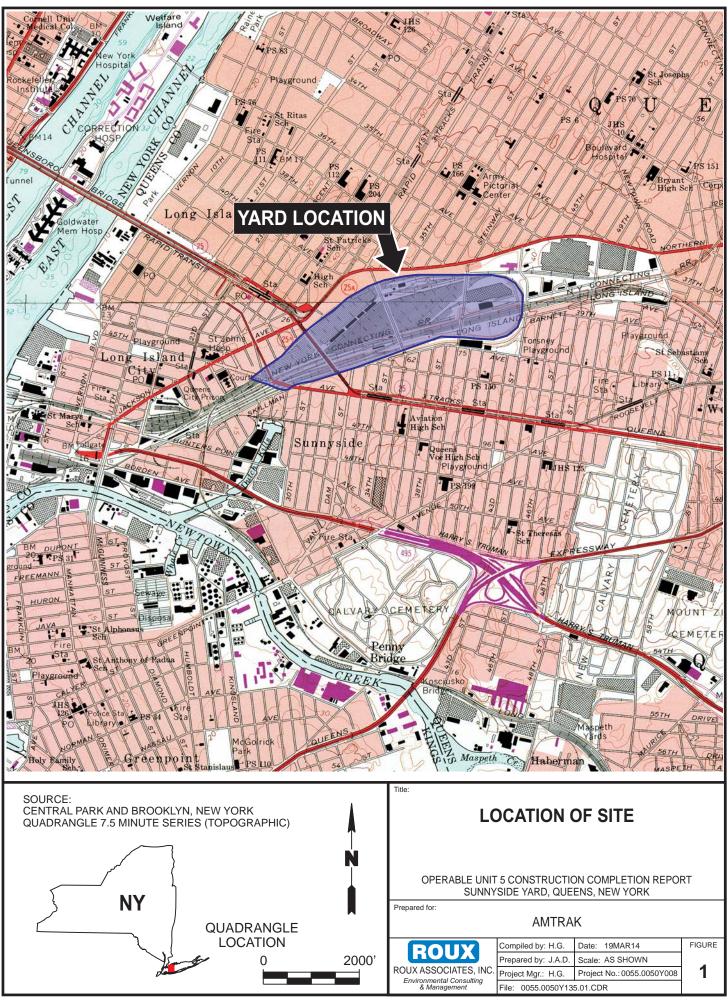
Table 13. Summary of Polychlorinated Biphenyls in Sewer Water, Sunnyside Yard OU-5 Manhole 40, Long Island City, New York

	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

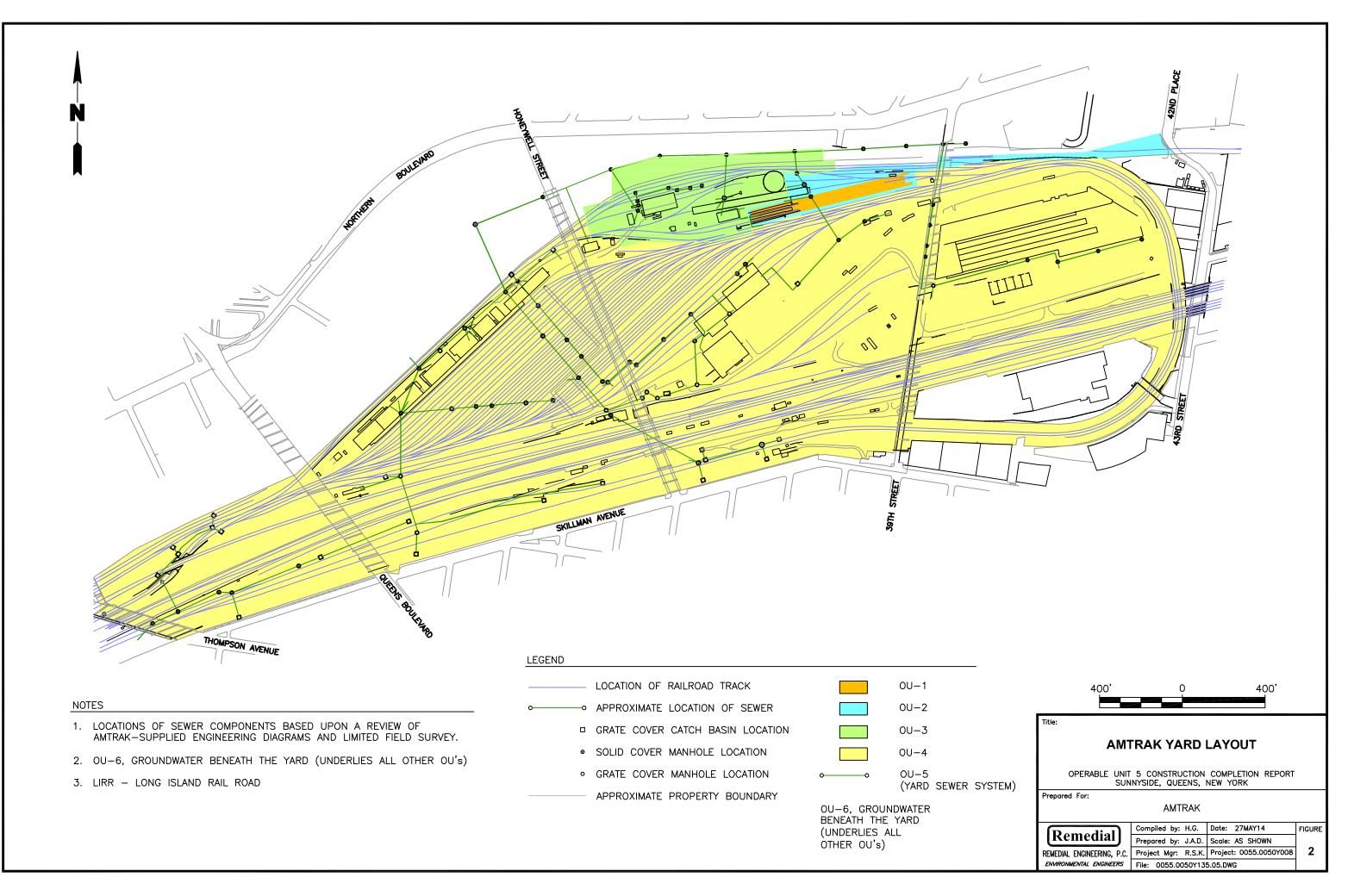


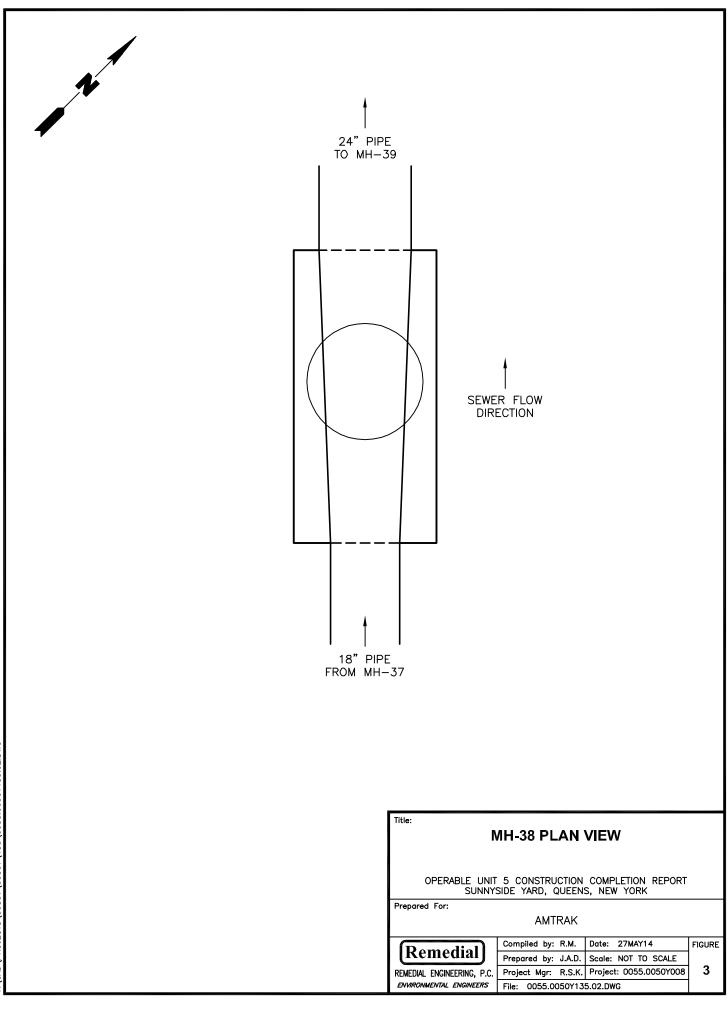
FIGURES

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

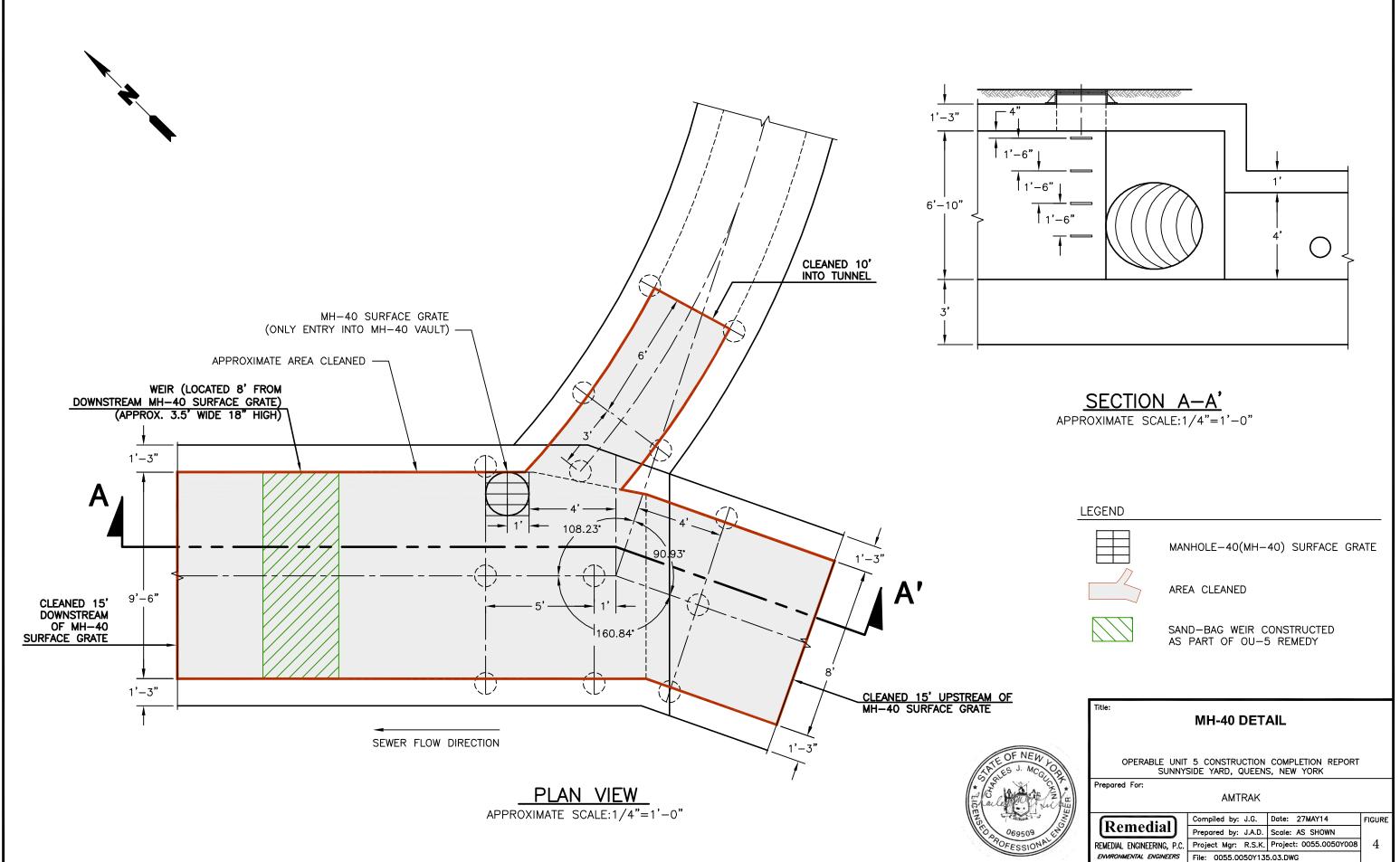


AD/PROJECTS\0055Y\0050Y\135\0055.0050Y135.01.C





v:\CAD\PROJECTS\0055Y\0050Y\135\0055.0050Y135.02.DWG



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

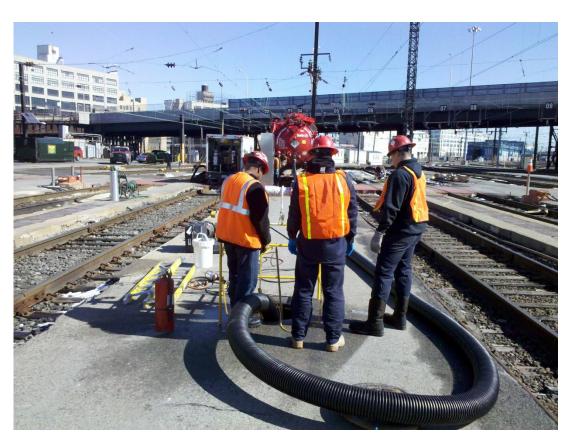
Photographic Log



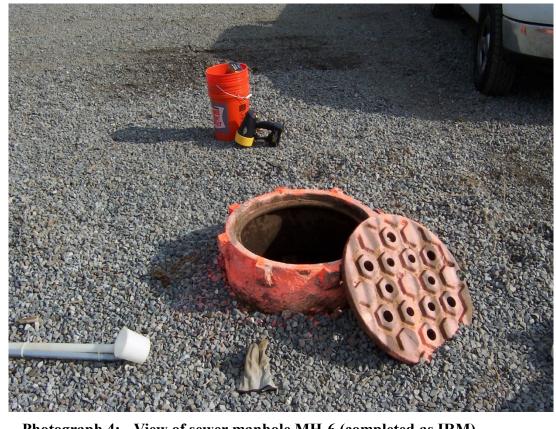
Photograph 1: View of Clean Harbors vacuum truck



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



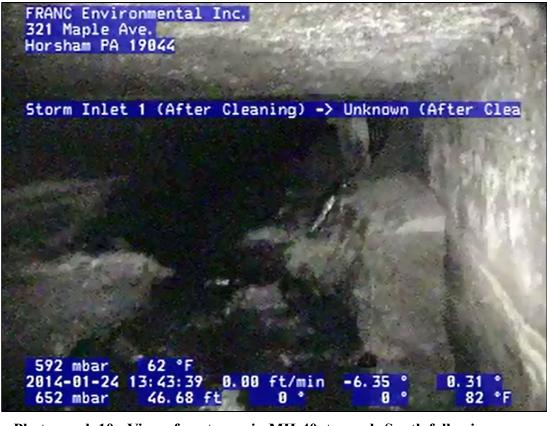
Photograph 7: View upstream, towards East in MH-40, prior to cleaning



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



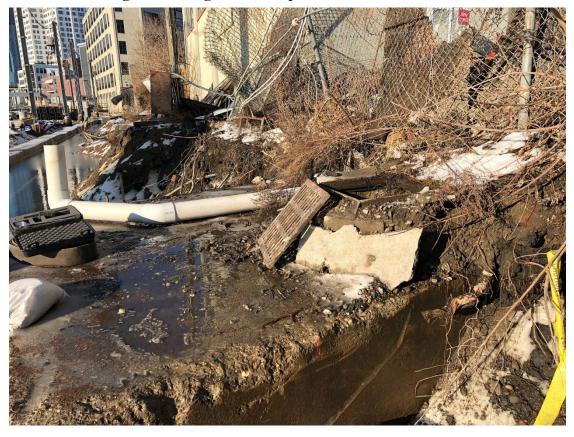
downstream of MH-40 surface grate January 24, 2014



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



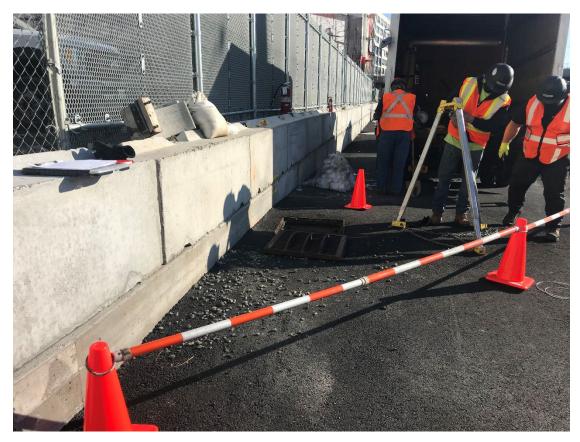


Photographs 20 (above) and 21 (below): View of sewer manhole MH-40 interior (no weir observed) during 2/13/19 inspection

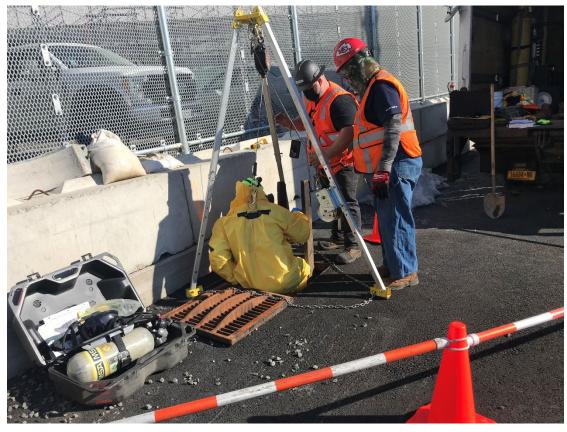




Photograph 22: View of newly constructed weir located eight feet downstream of MH-40 surface grate during November 2020 (by MTA)



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

		Company of the State of the Sta	1	nikel 4	261									
Ple	ase p	rint or type. (Form desig	ned for use on elit	e (12-pitch) type	writer.)	8642928-00		SC PPV			For	n Approved.	OMB No.	2050-0039
	V	FORM HAZARDOUS VASTE MANIFEST enerator's Name and Mailir	1. Generator ID Nur <u>NYD07</u> og Address		你 若	2. Page 1 of	180) 1) 493 (9718	4. Manifest	481	^{umber} 732	4 F	ELE
	1	National Reilros ACO W. 31.st Str	- d Passonger sol, 4th Floc	r.				29 Honey	-		55)	9 1		
	Geni	Nevy York, NY 3.0 erator's Phone: 134 44 ansporter 1 Company Nam	面前的 经行用限	ATTMAL	<u>iida Yacra</u> i	\$\$.53		g lelend (11101	. I.	· · ·		
		Claan Harbora R		1 Serverian a di	urr. x., *	•				U.S. EPA ID			an dala s	
	7. Tr	ansporter 2 Company Nam	<u>1988 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977 - 1977</u> 10	8						U.S. EPAID N	lumber	<u>) 200</u>	<u>nan</u> .	
	8. De	esignated Facility Name and	d Sile Address							U.S. EPA ID N	/- lumber		·····	
		Joan Harbors of		e 2				·.		0.0. 11 A 10 1			,	
	3	l Hill Avonus								· MAJ	0033	1452	837	
	Facil 9a.	NSPhilippe, MA 02 9b. U.S. DOT Descriptic	4 M 4 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M 1 M	binoing Name, Ha	zard Class. ID Num	ber		10. Contair	iers	11. Total	12. Unit			
	HM	and Packing Group (if a			,,			No.	Туре	Quantity	Wt.Vol.	. 13. \	Naste Code	s
GENERATOR -	x). RQ, 482318 MIXTURE, 9,	, Polyonlo Po III, (Wati	Ainated Bi En, dint &	Phervls, i Cil)	alun)		X	17	6.810	Ķ	-899%	- <u></u>	
GENE		2.				· ·				Jan Participanti de la construcción				
		3.	····· ··· ···			•				r -				
		4.	· · ·		· · · · · · · · · · · · · · · · · · ·					· · · ·				
				÷					•					
	14. S	pecial Handling Instructions	and Additional Inform	nation	<u> </u>	10-20	·				s.	- 0.1	210	1/->
	1	, CH6181528	E	↓ RG≱171	Echt ff 1	12533 1. 115 De D			- 64	TOFSE Mass	K.V. Karlo	\$75\$-\$ G*	- Speak of a	tun fran ==
	~	MMaerico He	8.51 US21	2318	SON T. M	1 15 8 18	3 × 7 *	19 1	AN A	aa nal	TO funi	and a set	11909 8 2 3	1-
	15. (GENERATOR'S/OFFEROF	R'S CERTIFICATION	: I hereby declare (ihat the contents of	this consignment are	fully and	accurately des	cribed above	by the proper ship	ping name,	and are class	sified, oacka	iqed,
	E	marked and labeled/placard Exporter, I certify that the co	ontents of this consign	ument conform to ti	he terms of the alla	ched EPA Acknowledg	gment of	Consent.		· ·	it export shi	pment and Ta	m we Phma	iry
		l certify that the waste minir ator's/Offeror's Printed/Typ		MAT ANA) (ir i am a smai	r quanuty gen	lerator) is true.		Mont	h Day	Year
¥	16 Int	ernational Shipments	Tan 1	Mr. Mas	Ners				Am.	2. 6. 24	4	<u>R U</u>	07	12
INT'I		porter signature (for export	import to l is only):	J.S.		Export from U.S.	i.	Port of entr Date leavin						
TER		ansporter Acknowledgment porter 1. Printed/Typed Nafri		S		Signatu		العمين. في العمينية				Mont	n Day	Year
POR	ac"	Tana III	1 Mula 2	4		- I		and a start of the second	a de C	-la-		12	109	12
R ANSPORTER	Transp	oorter 2 Printed/Typed Nam	. .	en e		Signati 1	ure	7		il.		Mont		Year
<u>⊨</u> ∧	18. Dis	<u> 2011년 (국어</u> screpancy	Kita			_	<u>ph</u>	a Constanting	·~	محمدها ممها مهيسا لإ	1		13	
	18a. D	iscrepancy Indication Spac	e 🔀 Quantity	· · ·	Туре			Residue	arî je	Partial Reje	ction	ĺ	 Full Reje	ction
	11	WEI ITEI	MS 1/112.	SHOULD	READ	4.435 %	(Der Mani) fest Reference I	lumber:					
בׂן		Itemate Facility (or General					- Indille	ICOL INCICIONCE	1011061.	U.S. EPA ID Nu	imber			
FACI	Foolity	/s Phone:	· · · ·								101			
		ignature of Alternate Facility	y (or Generator)			· · · · · · · · · · · · · · · · · · ·				I		Mon	th Day	Year
DESIGNATED FACILIT	19 Ho	zardous Waste Report Man	anement Method Co	tes lie codec for	hazardous wasto to	ealmant disposal on	rd recycli	na sveleme)						
ES	1, 1,	Landous masic mepuri indi	2.	200 (no., codes 10)	nozoroous waste []	3.	ia recycli	ng oyotang)		4.	li:		· · · · · · · · · · · · · · · · · · ·	
		11-01 signated Facility Owner or 0	Operator: Carlification	of receipt of harm	ndous materials en	and hu the mentions	ovcarta	e noted in Nor	199		<u></u>		<u></u>	
		Vityped Name		n of receipt of fiazal	COUS MALENAIS COV	ered by the manitest Signatu			100	est fait		Mont	h Day	Year
ŧĮ		/ ()· // 8700-22 (Rev. 3-05) Pro	11- 1 1	11. S.		/	<u> }</u>	~ 37-	manut	<i>•</i>	NATED	b	1]	$\left[\right) \right]$

								CA 0011	(3/ 3/ 20	11				
Plea	ise p	rint or type. (Form desig	ned for use on elite	e (12-pitch) typewrite	M5 30 4	307 26-0				4. Mänifest T		Approved.	OMB No. 2	050-0039
1	UN	IFORM HAZARDOUS	1. Generator ID Nun	iber 3516895		2 Page 1 c 1.	08)	gency Respons O) 483-3	3718	00	394	941	<u>7 F</u>	LE
	5.0	enerator's Name and Mailin	ng Address			1	Generat	or's Site Addres	s (if different tha	n mailing addres	s}			
		lational Railroad 100 W. 31st Stre New York, NY 10	et, 4th Floor 1001	a warma a waa	- *		39-2 , Lon	29 Honey g Island (well Stree City,NY 11	t 101				
	Ger	nerätor's Phone: (212) ransporter 1 Company Nam	630-6215	ATTN:Claudi	a laccella					U.S. EPA ID N				
	0.1	Clean Harbors El	nvironmental	Services Inc						1		3222	50	
		ransporter 2 Company Nan		·····						U.S. EPAID N	lumber			
	L	esignated Facility Name ar	A Site Address							U.S. EPA ID N	lumber			
		clean Harbors of		7						MAD	053	4526	37	
		L Hill Avenue Staintree, MA 02					<u></u>		····	<u> </u>		r		
	9a.	9b. U.S. DOT Descript	ion (including Proper S	Shipping Name, Hazard	Class, ID Number			10. Cont No.	ainers Type	11. Total Quantity	12. Unit Wt./Vol.	13.	Waste Code:	s
	нм			RINATED BIPH	ENVIS 110		PG		11	FST	11	B002	MA02	B
GENERATOR	x	10,0000	, PULICILUI	CINATED DIT G	6.19 1 6.2 7, 8.24			1	11	3500	K			
NEF	┣	2.												
3														
	┝─	3.									T			
										3				
				<u> </u>							+			
		4.			•									
									<u> </u>		<u> </u>	<u> </u>	L	
		Special Handling Instructio	ns and Additional Info	rmation RG#171 TR <u>DFP 072</u>	uch y	141	LIC	# 600	054 ^{ou}	t of Service	Date:_		-	
]]	.CH100388B	151 151	RG#1/1 /**			ſ	[7	n p					· · ·
		NMADON	o NU	DEP 071	59 1	Ech	<u> </u>	282		(o and are de	ecified nack	aned
	15.	ممأمله والمراجلة المستركين		n, mereby according and	ion for transport a	ccording to an	plicable inf	ernational and i	described above national governn	nental regulations	s, if export s	hipment and l	am the Prin	nary
	ľ	marked and labeled/place Exporter, I certify that the I certify that the waste mi	contents of this cons	ignment conform to the identified in 40 CER 262	terms of the attack 27(a) (if I am a la	nied EPA Ackr proe quantity (iowledgmei generator) (nt of Conseint. or (b) (if I am a s	smali quantity g	Inerator) is true.				
	Ge	I certify that the waste mi nerator's/Offeror's Printed/T	yped Name	Erit FUR	Hanno	ħ	71	1 1.	GA			Mo	onth Day	Year
∣↓		MERIO 1	4611L				The	WM	<u>Opull</u>			/(19	
INT'L	- 1	International Shipments	Import t	o U.S.	l	Export fro	om U.S.		entry/exit:					
· · · · ·		ansporter signature (for exp Transporter Acknowledgme	orts only): ent of Receipt of Mater	ials				Date IG		,			onth Day	и Үеаг
RTE	Tra	insporter 1 Printed/Typed N	ame				Signature	Jo Jal	1 Car 1	(nyn		2111
OdS SPO		MERIO 1	bulla_				Signature	$\sim \mu$	<u>Cent</u>			/	onth Da	y Year
TR ANSPORTER	ξ Tra	insporter 2 Printed/Typed N	lame						ar .					
E		. Discrepancy												
	-	a. Discrepancy Indication S	pace 🛄 Quan	tity	Туре			Residue		Partial R	ejection		Full Re	ejection
				· .				Manifest Refer	ence Number:					
ľ	18	b. Alternate Facility (or Gen	eralor)	·····				HUNRICOL I VOICI		U.S. EPA II) Number			
	Ĩ									1		•		
1	Fa	icility's Phone:		~~~~~						l			Month D	ay Year
DEGICINATED EACH ITY	6 ¹⁸	ic. Signature of Alternate Fa	icility (or Generator)											
NO.		Hazardous Wasle Report	Management Method	Codes (i.e., codes for I	nazardous waste t	reatment, dis	posal, and :	ecycling system	ns)					
	4 1.			2.			3.			4.				•
		H141 D. Designated Facility Owne		ation of remaint of barrow	dous materials oo	vered by the	manifest ex	cept as noted in	n Item 18a	k				
). Designated Facility Owne rinted/Typed Name	r or Uperator: Certilic	auon os recespi os nazar			Signature						Month D	ay Year
	ļ						L							
Ē	PAF	orm 8700-22 (Rev. 3-05)) Previous editions	are obsolete.				DI	ESIGNATED	FACILITY T	O DESTI	NATION 5	iaie (if f	VERONALI

.

a second the second will accent the waste the generator is shipping.

APPENDIX F

Non-Hazardous Waste Disposal Manifests

	/						17728
Number_fla_ 144. Acie hef	2860 S	ANDSTONE DRIVE , H	ATFIELD, P	A 10449			
DATE OF PICKUP				<u>C ESO 6</u>		•	
GENERATOR AMTHACE		ADDRE					
CITYNEIALYOUR		STATE	141	ZIP <u>1(</u>	PHONE	(?! 1	2) 630 7240
CONTACT:		8ROKER:	Con	tainers	Total	Unit	hat is inter-
US DOT Description (includin			No.	Туре	Quantity	WI.Noi.	Waste No.
a NON-RECHAATED MAT	EMAL GRANHALLE SE	22.04DNB2;PV 4.3	1 XX]	CM	10.000	F	
· · · ·		· ·	1		·	·	
b.	•		.		- OLON		_
		•	·	1. 1.	din		
C.				1	<u></u>	1	
				·			
d.	· · · · · · · · · · · · · · · · · · ·	· · · · ·			•		¢.
Additional Information/Lab Code	· · · · · · · · · · · · · · · · · · ·		Eme	igency Phór	ieit i	87'i) 577-	2089
a (1) 030102-00 - NON114	AZARDOUS MANHOL	c				•••	
5 AS 1	ргр ра ттт г 25	<u>, 264a.71(3), SEC</u>	TION 11	(#) LIN	E 1 IS 24	700 15	1
		· · · · · · · · · · · · · · · · · · ·	. '	. ·		· ·	
CONTRACT/PO NO.		SPECIAL INSTRUCTIONS / R	EASONS FOR I	DELAY	· · · ·	÷	
NO. OF OVERPACKS USED		·				· · ·	[]
START TIME		· · · ·	·		· · · ·		
DEPARTED CUSTOMER							3
DELAY TIME			••••••••••••••••••••••••••••••••••••••				her
	· · /					<u>t 11</u>	
CENERATOR CERTIFICATION-							
GENERATOR CERTIFICATION: Hereby declare that the contants of introductor that the contants of introductor and are in all respo- all times listed above are true and con- there is the second contact of the second con- term of the second contact of the second contact of the second contact of the second contact of the second contact of the second contact of the second contact of the second contact of the second contact of the second contact of	ects in proper condition for t	ransport according to applicable	international and	g náme and t national go	are classified, packa vernmental regulation	ged, marked ns." also o ! - 0 -	eruny that
"I hereby declare that the contents of	ects in proper condition for t	Signature	intermational and	inational go		$\frac{1}{2} = \int O - \frac{1}{2}$	eruny that
I hereby declare that the contents of abeled/placarded, and are in all respi- all times listed above are true and con Print Name	ects in proper condition for t	ransport according to applicable		2.61 PICKED UF	Date	iner	I.Y
TRACTOR # 204	ects in proper condition for t rect. $Agr uf + 0 f$	Signature		inational go	Date	$\frac{1}{2} = \int O - \frac{1}{2}$	I.Y
TRACTOR # 204	ects in proper condition for t rect. $Agr uf + 0 f$	BOX SPOTTED		2. C 1 PICKED UF	Data Data2	iner 1 - 1 0 - 1 0	eruny uner 1.4 8 3421
I hereby declare that the contants of inhibited/placarded, and are in all resp all times listed above are true and con Print Name <u>KO4</u> T TRANSPORTER #1 COMPANY <u>REPUBLI</u>	ects'In proper condition for t rect. A gr v f for <u>X </u>	Signature	International any	2. C 1 PICKED UF	Data Data2	iner 1 - 1 0 - 1 0	eruny uner 1.4 8 3421
I hereby declare that the contants of initiation in all response in a second content in the second co	ects'In proper condition for t rect. A gr v f for <u>X </u>	BOX SPOTTED	International any BOX PHON		Data Data2 SL CC215 PAD 1	iner 10- 10- 10- 10- 10- 10- 10- 10- 10- 10-	eruny uner 1.4 8 3421
I hereby declare that the contants of inhibited/placarded, and are in all resp all times listed above are true and con Print Name <u>KO4</u> T TRANSPORTER #1 COMPANY <u>REPUBLI</u>	ects'In proper condition for t rect. A gr v f for <u>X </u>	Signature	International any BOX PHON		Data Data2 SL CC215 PAD 1	iner 1 - 1 0 - 1 0	eruny uner 1.4 8 3421
TRACTOR # KCMCC TRANSPORTER #2	ects'In proper condition for t rect. A gr v f for <u>X </u>	Signature	HILDING I ENAL		Vermmental regutation Date	iner 1 - 1 0 - 1 0	eruny uner 1.4 8 3421
I hereby declare that the contants of interesting the contants of interesting in all responses to a line of the contants of interesting interesting in all responses to a line of the content of th	ects'In proper condition for t rect. A gr v f for <u>X </u>	Signature BOX SPOTTED#	HILDING I ENAL		Vermmental regutation Date	INER 022-207 282 061 282 061	eruny uner 1.4 8 3421
I hereby declare that the contants of inbellect/placarded, and are in all respi- all times listed above are true and con Print Name	ects'In proper condition for t rect. A gr v f for <u>X </u>	Signature BOX SPOTTEDE SIGNATURE SIGNATURE SIGNATURE	HILDING I ENAL		Vermmental regutation Date Date (215 (215 (215 (215 (215 (215 (215	INER 022-207 282 061 282 061	eruny uner 1.4 8 3421
TRANSPORTER #1 COMPANY PRINT NAME TSDF ARRIVAL TIME	ects'In proper condition for t rect. A gr v f for <u>X </u>	Signature BOX SPOTTEDE SIGNATURE SIGNATURE SIGNATURE	HILDING I ENAL		Vermmental regutation Date Date (215 (215 (215 (215 (215 (215 (215	INER 022-207 282 061 282 061	eruny uner 1.4 8 3421
I hereby declare that the contants of intellect/placarded, and are in all resp. all times listed above are true and con Print Name	CES'IN proper condition for t rect. A 97 of for X & Cy-CL RAILER# IC ENV SYS (TRAN:	Signature BOX SPOTTEDE SIGNATURE SIGNATURE REASON FOR DELAY	PHON EPA II	PIČKED UF PIČKED UF VE NUMBER VE NUMBER VE NUMBER	Data 2 Data 2 0 2 0 0 0 0 0 0	INER 022-207 282 061 282 061	eruny uner 1.4 8 3421
I hereby declare that the contants of intellect/placarded, and are in all resp all times listed above are true and con Print Name	CEPDISPOSAL FACILITY	Signature BOX SPOTTED SIGNATURE SIGNATURE REASON FOR DELAY EPA IDENTIFICATION CODE	PHON EPA II	I national go	Data Data Data (215) PADD (11) (215) (215) (215) (215) (215) (215) (215) (215) (215) (215) (215)	INER 022-207 282 0131 04TE	eruny uner 1.4 8 3421
I hereby declare that the contants of intellect/placarded, and are in all resp all times listed above are true and con Print Name	CENTSPOSAL FACILITY	Signature BOX SPOTTED SIGNATURE SIGNATURE REASON FOR DELAY EPA IDENTIFICATION CODE C	PHONE EPA II	I national go	Date 2 Date 2 2	19. 1 also o 2 - 1 0 - 10 -	eruny uner 1.4 8 3421
I hereby declare that the contants of intellect/placarded, and are in all resp all times listed above are true and con Print Name	CENV SYS (TRAN)	Signature BOX SPOTTED SIGNATURE SIGNATURE REASON FOR DELAY EPA IDENTIFICATION CODE CADOR TEI	PHONE EPA IL NO	I national go	Data Data Data (215) PADD (11) (215) (215) (215) (215) (215) (215) (215) (215) (215) (215) (215)	<u>1955</u>	eruny uner 1.4 8 3421

	Bill OF LADING				
Br. 103.483-14	8 SANDSTONE DRIVE , H				1.
	NTIFICATION CODE NO.				
				BOHIEVARD	
CITYNEW YCIER	STATE				21 830 22
CONTACT:	BROKER:			, 2 (
US DOT Description (Including Proper Shipping Nam	e, Hazard Class, and ID Number)	Contain No.	ers Tot Type Quan		Waste N
* NON-RÈGULATED MATERIAL (MANHOLE	SEDIMENT,		7.6.1	151	
	* * .	* 1	CM 1460	0	· .
b. 1	· · · ·				
	•		230	al j	
C. ,	•			•	2
			· · · · · · ·		
d.	· <u> </u>			· · ·	
• • • • •	•		-		
		·	•		· .
Additional Information/Lab Code		, Emerge	ncy Phone#	(877) 577	2000
a (1) 630102-00 - HON-HAZAFEYOU'S MANU	KAL Ö				· •
AS PER PA TITLE	25, 264a.71(3); SECI	CION 11 (#)	LINE 1 IS	23600 15	1 · · · ·
				<u>·</u>	
CONTRACT/PO NO.	SPECIAL INSTRUCTIONS / R	EASONS FOR DEL	AY		
NO OF OVERPACKS USED		<u> </u>			!
START TIME		<u> </u>			
ARRIVAL AT CUSTOMER		<u>.</u>	·····	· · · ·	
DEPARTED CUSTOMER		<u> </u>			·
DELAY TIME	••••• ••••••••••••••••••••••••••••••••	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		· 1.
GENERATOR CERTIFICATION:					
Thereby declare that the contains of this constrainment are hit labelled placented, and are in all respects to proper condition at times listed above are trile and correct. A gr M T T C g Print Name ACA-IC (14-7). KCA-		proper shipping na nternational and nat	me and are classified ional governmental n		d and prtify that
Print Name	Signature CUV [/	<u> </u>	Dat	2/10/	
TRACTOR RUSS TRAILER			31028		
TRACTOR # D.V. D TRAILER	BÓX SPOTTED#	BOX PIC	KED UP#	LINER	
ر يا جام منه محمد من من الم		PHONEN		(315 823 207	đ
TRANSPORTER #1	AND COCUMULTO 1			PAD 982 661	381
COMPANY REPUBLIC ENV. SYS (TR	US OROUPILLU				
COMPANY		an V <i>III</i>		DATE 2	12/11/1
COMPANY DREPUBLIC ENV SYS (TRU PRINT NAME OUL KIG TELINGG	· //	an X [///			16/111
COMPANY		PHONE N EPA ID NO	UMBER	DATE 2]	<u>ic [] î</u>
COMPANY <u>PRINT NAME</u> <u>OULKICENV SYS (TRU PRINT NAME</u> <u>OULKICZZONGO</u>		PHONE N	UMBER	DATE 2	
COMPANY <u>PREPUBLIC ENV SYS (TR/</u> PRINT NAME <u>QUI LIC TZINGC</u> TRANSPORTER 12 COMPANY	SIGNATURE	PHONE N	UMBER	()	
COMPANY <u>PRINT NAME</u> <u>OUL KICENV SYS (TR/</u> PRINT NAME <u>OUL KICZZONGC</u> TRANSPORTER 12 COMPANY PRINT NAME	SIGNATURE	PHONE N	UMBER	()	
COMPANY <u>PRINT NAME</u> <u>QUIENCENV SYS (TRU</u> PRINT NAME <u>QUIENCENV SYS (TRU</u> TRANSPORTER #2 COMPANY PRINT NAME TSDF ARRIVAL TIME	SIGNATURE	PHONE N	UMBER	()	
COMPANY <u>REPUBLIC ENV SYS (TRU PRINT NAME</u> <u>OULLUTZINGC</u> TRANSPORTER #2 COMPANY PRINT NAME TSOF ARRIVAL TIME TSOF DEPARTURE TIME DELAY TIME FINISH TIME	SIGNATURE	PHONE N EPA ID NO	UMBER	()	
COMPANY <u>PRINT NAME</u> PRINT NAME <u>QUILLO Z'NGC</u> TRANSPORTER #2 COMPANY PRINT NAME TSDF ARRIVAL TIME TSDF DEPARTURE TIME DELAY TIME FINISH TIME CONSIGNEE/TREATMENT/STORAGE/DISPOSAL FACILI	SIGNATURE		UMBER	() ÓATE	
COMPANY <u>PRINT NAME</u> PRINT NAME <u>QUILIC ENV SYS (TR/ PRINT NAME</u> COMPANY PRINT NAME TSOF ARRIVAL TIME TSOF DEPARTURE TIME DELAY TIME FINISH TIME CONSIGNEE/TREATMENT/STORAGE/DISPOSAL FACILI CONSIGNED TO <u>REPUBLIC ENV SYS (PA)</u>	SIGNATURE	NO	UMBER	() DATE	
COMPANY <u>PRINT NAME</u> PRINT NAME <u>QUIETO Z'NGC</u> TRANSPORTER #2 COMPANY PRINT NAME TSDF ARRIVAL TIME TSDF DEPARTURE TIME DELAY TIME FINISH TIME CONSIGNEE/TREATMENT/STORAGE/DISPOSAL FACILI CONSIGNEE/TREATMENT/STORAGE/DISPOSAL FACILI CONSIGNED TO <u>REPLIBLIC ENV SYS</u> (PA) CITY HATEIELD S	SIGNATURE	PHONE N EPA ID NO NO PAD SS 124440	UMBER	() DATE 	
COMPANY <u>PRINT NAME</u> PRINT NAME <u>QUILIC ENV SYS (TR/ PRINT NAME</u> COMPANY PRINT NAME TSOF ARRIVAL TIME TSOF DEPARTURE TIME DELAY TIME FINISH TIME CONSIGNEE/TREATMENT/STORAGE/DISPOSAL FACILI CONSIGNED TO <u>REPUBLIC ENV SYS (PA)</u>	SIGNATURE	PHONE N EPA ID NO NO PAD SS 124440	UMBER	() DATE	

State State	Contractor of the second	BILL OF U						
B/L								177
Number 17:491.14	2260	SANDSTONE DRI						
DATE OF PICKUP 211114		IFICATION CODE NO.		NYC	ESO G	<u> </u>	1 (T) / A (T) (T)	
GENERATORAMTRACK -	NEW YORK		1			THERN BOU	LEVARU	2) 63(). 7:24
CITY NEW YORK	•	· -)		IX ZI	P	<u>OD1</u> PHON	E{.	<u></u>
CONTACT:		BROKE		Conta	iners	Totat	Unit	Waste No.
US DOT Description (Including	Proper Shipping Name,	Hazard Class, and ID NUR		No.	Туре	Quantity	Wt./Vol.	
· NON-REGULATED MAT	ERIAL (MANHOLE !	SEDIMENT	1	Ļ		يح	Y P	
		terre an e	4	XXI	CM	XIOUOG		
<u>·</u>				<u> </u>		-121		•
• ³	A STATE OF STATE					1500	1.	
	· . •			-			_ 	
·C		· ·		· •			. *	· ·
			المجاهد الم					
d.	•	<u> </u>				:		
	·	•			•		1	
		·					<u> </u>	
Additional Information/Lab Code	•			Emen	gency Phon	10#	(877) 677-	2769
							•	
ARRIVAL AT CUSTOMER DEPARTED CUSTOMER DELAY TIME GENERATOR CERTIFICATION:	this constant are fully	and accurately described	above by prop		name and	are classified, pac	keged, marke	denid
DEPARTED CUSTOMER	ects in peoper condition/no rect.	y and accurately described or transport according to a	above by prop oplicable intern	xer shipping utions! and	· · · ·	Date	kagad, marker ions." I also c)) / / [.	d and
DEPARTED CUSTOMER DELAY TIME GENERATOR CERTIFICATION: "I hereby declare that the contents of labelled/plicrardigt, and are in all respe all times listed above are thus and com Print Name	ects in peoper condition/no rect.	HAR AND A	edl	вох і	V)() PICKED UI	Date	2)11/1 LINER	d arid pertify that
DEPARTED CUSTOMER DELAY TIME GENEFRATOR CERTIFICATION: "I hereby doctare that the contents of labeled/placarced, and are in all respe- all times fisted eloire are thus and com Print Name TRACTOR & RO. 3	RAILER#	BOX SPOTTED	edl	BOXI		Date 3 (Pe(21)) LINER	d and bard bard bard bard bard bard bard bar
DEPARTED CUSTOMER DELAY TIME GENERATOR CERTIFICATION: "I hereby doctare that the contents of U labelled/placardint, and are in all respe- all times listed above are the and cont Print Name CLA FOR POINT ALL TRANSPORTER #1 COMPANY REPUBLI	RAILERU	BOX SPOTTED	- P	вох і		Date 3 (Pe(21)	<u>LINER</u> 0 322 207	d and bertify that
DEPARTED CUSTOMER DELAY TIME GENERATOR CERTIFICATION: "I hereby declare that the contents of U labeled/placardint, and are in all respe all times listed above are the and cont Print Name COMPANY REPUBLI	RAILER#	BOX SPOTTED	- P	BOX I PHONE EP/ ID/	V)() PICKED UI E NUMBER	Date 3 [21] 6 FAT) LINER	d and bertify that
DEPARTED CUSTOMER DELAY TIME GENERATOR CERTIFICATION: "I hereby doctare that the contants of labeled/placaroid, and are in all respe- all times fisted effore are than and com Print Name TRACTOR # PO: 3 TRACTOR # PO: 3 TRANSPORTER #1 COMPANY PRINT NAME PRINT NAME DU TRANSPORTER #2	RAILERU	BOX SPOTTED	- P	BOX I PHONE EPA IP PHONE	PICKED UI E NUMBER	Date 3 [21] 6 FAT	<u>LINER</u> 0 322 207	d and bertify that
DEPARTED CUSTOMER DELAY TIME GENERATOR CERTIFICATION: "I hereby doctare that the contants of labeled/placarced, and are in all respe- all times fisted effore are thus and com Print Name TRACTOR & CO. 3 TRACTOR & CO. 3	RAILERU	BOX SPOTTED	- Pau	BOX I PHONE EP/ ID/	PICIKED UI E NUMBER	Date 3 [21] 6 FAT	<u>LINER</u> <u>C 222 207</u> <u>C 227 207</u> <u>C 27 207</u> <u>C</u>	d and bertify that
DEPARTED CUSTOMER DELAY TIME GENERATOR CERTIFICATION: "I hereby doctare that the contants of labeled/placarond, and are in all respe- all times fisted effore are the and com Print Name TRACTOR & CO. 3 TRACTOR & CO. 3 TRANSPORTER #1 COMPANY PRINT NAME DU TRANSPORTER #2	RAILERU	BOX SPOTTED	- Pau	BOX I PHONE EPA IP PHONE	PICIKED UI E NUMBER	Date 3 [21] 6 FAT	<u>LINER</u> 0 322 207	d and bertify that
DEPARTED CUSTOMER DELAY TIME GENERATOR CERTIFICATION: "I hereby declare that the contents of labelled/plasardigt, and are in all respe- all times listed above are thus and com- Print Name COMPANY PRINT NAME PRINT NAME PRINT NAME	RAILERU	BOX SPOTTED	<u>call</u> = <u>Pau</u> = <u>e</u>	BOX I PHONE EPA IP PHONE	PICIKED UI E NUMBER	Date 3 [21] 6 FAT	<u>LINER</u> <u>C 222 207</u> <u>C 227 207</u> <u>C 27 207</u> <u>C</u>	d and bertify that
DEPARTED CUSTOMER DELAY TIME GENEFRATOR CERTIFICATION: "I haveby doclare that the contants of I labelled/placarchic, and are in all respe- all times listed above are the and corr Print Name COMPANY PRINT NAME PRINT NAME COMPANY TRANSPORTER #1 COMPANY TRANSPORTER #2 COMPANY	RAILERU	Signature	<u>call</u> = <u>Pau</u> = <u>e</u>	BOX I PHONE EPA IP PHONE	PICIKED UI E NUMBER	Date 3 [21] 6 FAT	<u>LINER</u> <u>C 222 207</u> <u>C 227 207</u> <u>C 27 207</u> <u>C</u>	d and bertify that
DEPARTED CUSTOMER DELAY TIME GENERATOR CERTIFICATION: "I hereby doclare that the contents of labelled/plararight, and are in all respe- all times fisted above are this and con- Print Name COMPANY PRINT NAME PRINT NAME COMPANY PRINT NAME TRANSPORTER #1 COMPANY PRINT NAME TRANSPORTER #2 COMPANY PRINT NAME TSDF ARRIVAL TIME TSDF DEPARTURE TIME	RAILERU	Signature	<u>call</u> = <u>Pau</u> = <u>e</u>	BOX I PHONE EPA IP PHONE	PICIKED UI E NUMBER	Date 3 [21] 6 FAT	<u>LINER</u> <u>C 222 207</u> <u>C 227 207</u> <u>C 27 207</u> <u>C</u>	d and bertify that
DEPARTED CUSTOMER DELAY TIME GENEFRATOR CERTIFICATION: "I hereby doctare that the contents of labeled/placarchic, and are in all respe- atilitimes fisted above are the and com- Print Name TRACTOR # RO. 3 TI TRANSPORTER #1 COMPANY PRINT NAME PRINT NAME COMPANY PRINT NAME TSDF ARRIVAL TIME TSDF DEPARTURE TIME DELAY TIME	RAILERU	Signature	<u>call</u> = <u>Pau</u> = <u>e</u>	BOX I PHONE EPA IP PHONE	PICIKED UI E NUMBER	Date 3 [21] 6 FAT	<u>LINER</u> <u>C 222 207</u> <u>C 227 207</u> <u>C 27 207</u> <u>C</u>	d and bertify that
DEPARTED CUSTOMER DELAY TIME GENERATOR CERTIFICATION: "I hereby doctare that the contants of labeled/placaronic, and are in all respe- all times fisted above are thus and com- Print Name	RAILERU IC ENV SYS (TRA 7 : v < v	Signature BOX SPOTTED SIGNATUR SIGNATUR REASON FOR DEL	<u>call</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u>	BOX I PHONE EPA ID PHONE EPA ID	V. A. C. A.	Date 3 [21] 6 FAT	<u>LINER</u> <u>C 222 207</u> <u>C 227 207</u> <u>C 27 207</u> <u>C</u>	d and bertify that
DEPARTED CUSTOMER DELAY TIME GENERATOR CERTIFICATION: "I hereby doclare that the contants of labelled/placaronic, and are in all respe- all times fisted above are this and com- Print Name COMPANY PRINT NAME PRINT NAME PRINT NAME TRANSPORTER #1 COMPANY PRINT NAME PRINT NAME TSDF ARRIVAL TIME TSDF ARRIVAL TIME TSDF DEPARTURE TIME DELAY TIME FINISH TIME CONSIGNEE/TREATMENT/STORA	RAILERS	Signature BOX SPOTTED BOX SPOT	<u>call</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u> <u>-</u>	PHONE EPA ID PHONE EPA ID PHONE EPA ID	U.).	Date	DATE	d and bertify that
DEPARTED CUSTOMER DELAY TIME GENERATOR CERTIFICATION: "I hereby declare that the contants of labelled/placardid, and are in all respe- all times fisted above are this and com- Print Name COMPANY PRINT NAME PRINT NAME PRINT NAME TRANSPORTER #1 COMPANY PRINT NAME PRINT NAME TSDF ARRIVAL TIME TSDF ARRIVAL TIME TSDF DEPARTURE TIME DELAY TIME FINISH TIME CONSIGNEE/TREATMENT/STORA CONSIGNEE/TREATMENT/STORA	RAILERS RAILERS IC ENV SYS (TRA 77: 050 VGE/DISPOSAL FACILI IC ENV SYS (PA) S	Signature		PHONE EPA ID PHONE EPA ID PHONE EPA ID	U.) PICKED UI E NUMBER MO E NUMBER NO II) (1935 (Date	DATE	d and bertify that
DEPARTED CUSTOMER DELAY TIME GENERATOR CERTIFICATION: "I hereby doctare that the contents of labeled/placarourd, and are in all respe- atilitimes fisted eloire are the and cont Print Name TRACTOR & CO. 3 TRACTOR & CO. 3 TRANSPORTER #1 COMPANY PRINT NAME COMPANY PRINT NAME TSDF ARRIVAL TIME TSDF DEPARTURE TIME DELAY TIME FINISH TIME CONSIGNEE/TREATMENT/STORA CONSIGNED TO REPUBLIE	RAILERU RAILERU IC ENV SYS (TRA 7: "5" GE/DISPOSAL FACILI IC ENV SYS (PA) SUCE OF THIS WASTE F	Signature		PHONE EPA ID PHONE EPA ID PHONE EPA ID	U.).	Date	DATE	d and bertify that
DEPARTED CUSTOMER DELAY TIME GENERATOR CERTIFICATION: "I hereby declare that the contants of labelled/placardid, and are in all respe- all times fisted above are this and com- Print Name COMPANY PRINT NAME PRINT NAME PRINT NAME TRANSPORTER #1 COMPANY PRINT NAME PRINT NAME TSDF ARRIVAL TIME TSDF ARRIVAL TIME TSDF DEPARTURE TIME DELAY TIME FINISH TIME CONSIGNEE/TREATMENT/STORA CONSIGNEE/TREATMENT/STORA	RAILERS RAILERS IC ENV SYS (TRA 77: 050 VGE/DISPOSAL FACILI IC ENV SYS (PA) S	Signature	COLE NO. ADDRESS. ZIP AGE DISPOSAL	PHONE EPA ID PHONE EPA ID PHONE EPA ID	U.).	Date	DATE	d and pertify that y g 381

•

Site Addı	ess: 39	9-29 Hon Ing Island	eywell Stree I City,NY 111	101 101		and a second s		
	с. Э.					PW 3/3/2011 WORK OF	RDER NO. <u>MS</u>	3830726-002
DOCUMENT N	o 337	816		STRAIGHT BI	LL OF LADING	PLATE	- TIRY	1653 OH
TRANSPORTE	R1C	lean Har	bors Environ	mental Services	i Inc	VEHICLE ID #	43	7
EPA ID #		4	932225			TRANS. 1 PHO	ONE (781) 79	2-5000
	R2	eon j	fortas las	to bereits	ke.	VEHICLE ID #	TTRHG	53 04
EPA ID #	MAI	V1393.	2 4250			TRANS. 2 PH	ONE	<u></u>
DESIGNATED LORCO P					SHIPPER National Railr	ATTN:Claudia T oad Passenger	accetta	
FACILITY EPA NJR00	ID # 002303	6			SHIPPER EP NYD0785	A ID # 16895		2
ADDRESS 450 Sout	h Front Stre	et			ADDRESS 400 W. 31st s	Street, 4th Floor		
CITY Elizabeth			STATE NJ	ZIP 07202	CITY New York			0001
CONTAINERS NO & SIZE	TYPE	НМ		***************************************	ON OF MATERIAL	_S	TOTAL QUANTITY	UNIT WT/VOL
14 3000	TT		-5	REGULATED, (OI	L & WATER)		520°	Ger
· · · · ·			В.			F	U160	ſ
			C.					
			D.					
. ¥			E.					
			F.			· · · · · · · · · · · · · · · · · · ·		
	·.	,	G.		•,			
			H.	· · · ·				
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.

							*	
	PRINT AGENT		MTRAC	SIGN	() = A	\rightarrow		DATE
SHIPPER	CARLOS	RIDS		1	Josh			TOHOUT ZON
	PRINT	D-		SIGN	11	f	~	DATE
TRANSPORTER 1	Larlo	s Kios		<	Cart			04007201
	PRINT-	-		SIGN	<u> </u>			DATE
TRANSPORTER 2	- YONY J L	BRULD		-10	toy & Dr	en .		10-7-11
RECEIVED BY	PRINT '	T.V10	H1_	SIĞN	10	Jul		DATE 10-7-1
			기				T	
			5				;	
CHI 107								

ŕ



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	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	
NON-HAZARDOUS SEV	Northe, n	RId	001	61	$\{ i_{i}, i_{j} \}$					
VM Profile # 489225PA	F						ALCONT OF THE		to a star star	
10522517										
VM Profile #			And a second second second							
/M Profile #			1							
			(The second s	William Committee	Constant Providence of the					
	t,									
VM Profile #	e						/			
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, ł		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	
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	Cell Grid DNTACT / PHOI	NE NO.: Vert 261 or a	any applicable plicable regu	le state law, H Ilations.	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 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:

 Lab Number:
 L1905725

 Report Date:
 02/19/19

		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

Project Name: AMTRAK OU-5

Project Number: 0055.0050Y008

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

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

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

 Report Date:
 02/19/19

REFERENCES

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

LIMITATION OF LIABILITIES

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

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



Certification Information

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

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene **EPA 8260C:** <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
		10.2001/10.01	2 1511	0105	JE	HI	N		-		-			μ.
A PROPERTY OF THE PARTY OF														\vdash
							-				-			-
											-			\vdash
											-			⊢
Enter Charles							-		-		-	_		\vdash
											-			\vdash
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

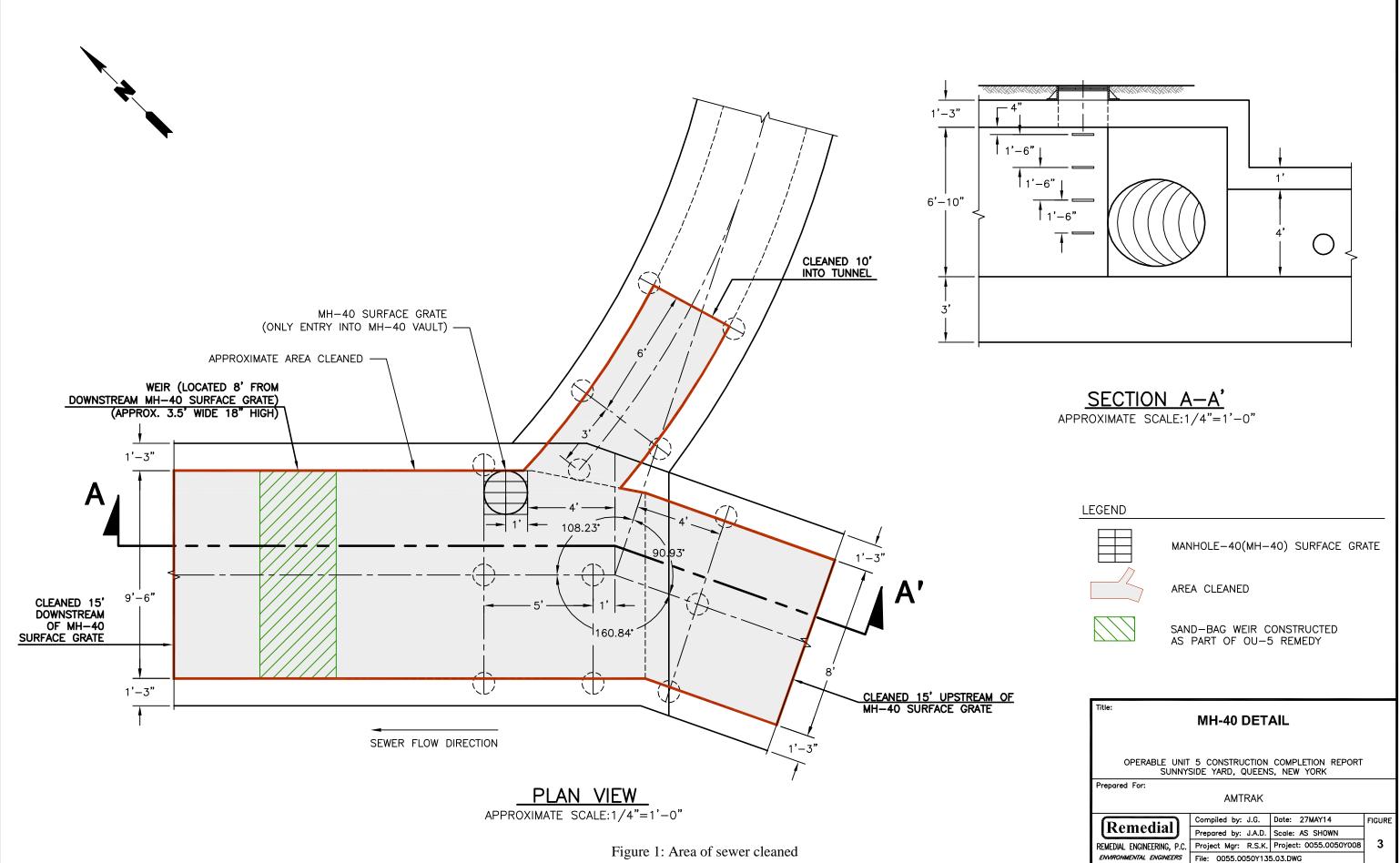


Figure 1: Area of sewer cleaned

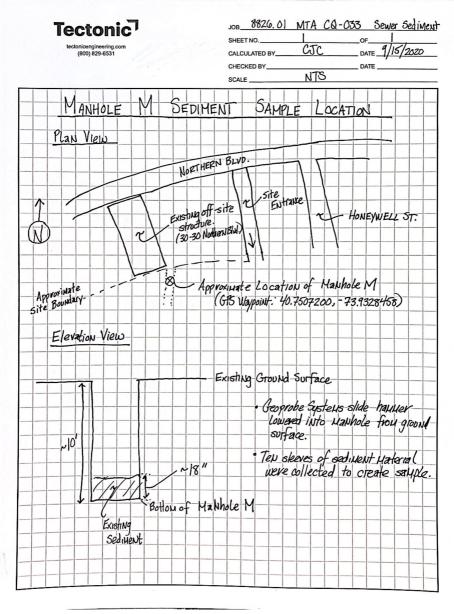


Figure 2: Sketch of sample location

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
10522517									
VM Profile #			And a state of the						
/M Profile #			1						
			(The second s	William Committee	Constant Providence of the				
	t,								
VM Profile #	e						/		
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
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	Cell Grid DNTACT / PHOI	NE NO.: Vert 261 or a	any applicable plicable regu	le state law, H Ilations.	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 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.: Vert 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 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	

ļ



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

©2014 Waste Management

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

Table of Contents

CERTIFICATION	. 1
 Introduction	2 2 2
1.2.2.1 MH-40 Inspections, Additional Clean Out and Weir Construction 1.2.3 Weir Construction	
 Manhole MH-40 Inspection 2.1 MH-40 Inspections 	. 5 . 5
 3. Manhole MH-40 Monitoring 3.1 Sewer Water and Sediment Monitoring 3.2 Sampling and Analytical Procedures 	. 6
4. Manhole MH-40 Maintenance4.1 Remediation Activities	
5. Schedule and Reporting	. 8
6. References	. 9

Figures

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

Appendices

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.

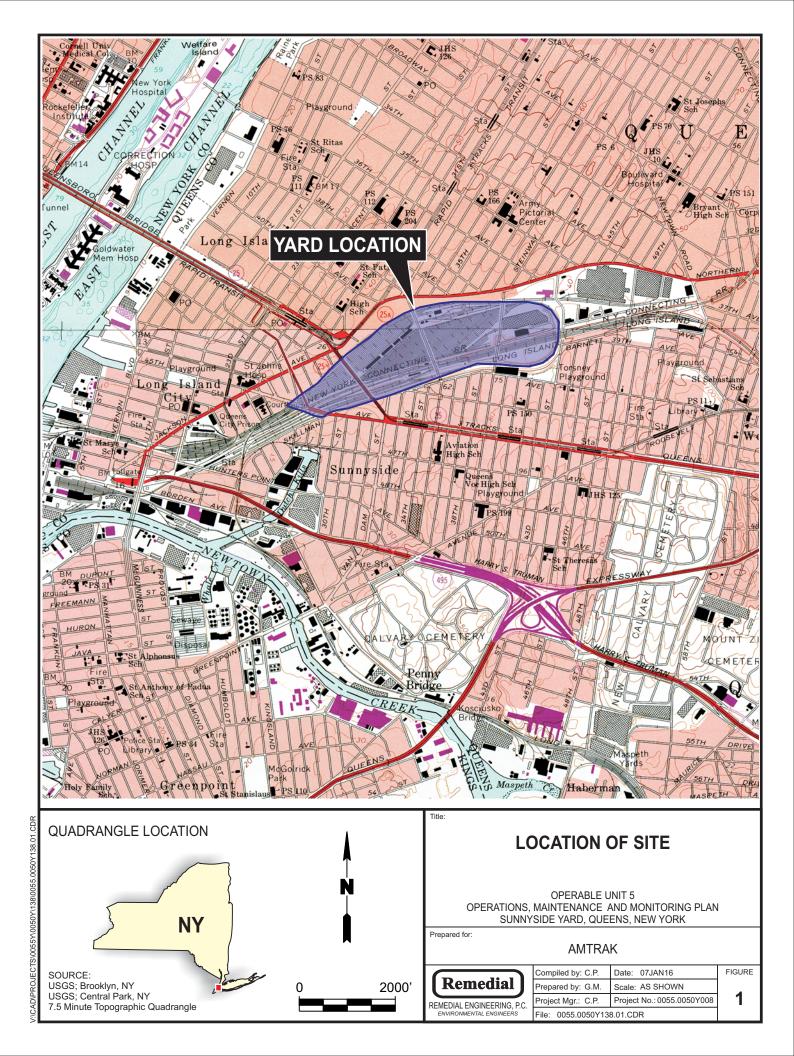
6. References

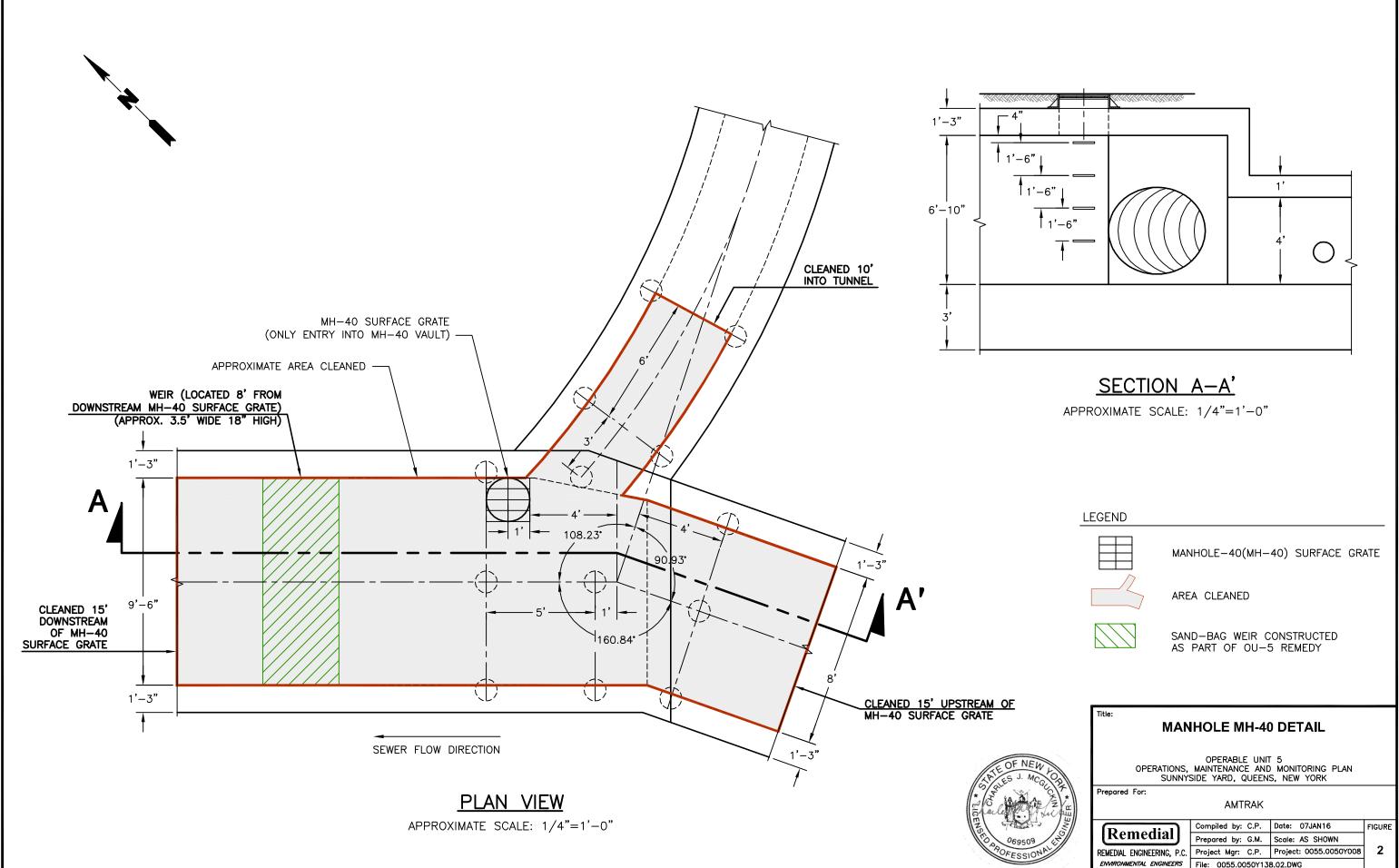
- NYSDEC, 2012. Record of Decision, Amtrak Sunnyside Yard, Operable Unit Number 05, State Superfund Project, Long Island City, Queens County, Site Number 241006, March 2012.
- Remedial Engineering, P.C., 2014. OU-5 Construction Completion Report, Amtrak Sunnyside Yard, Queens County, New York, June 2014.
- 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.

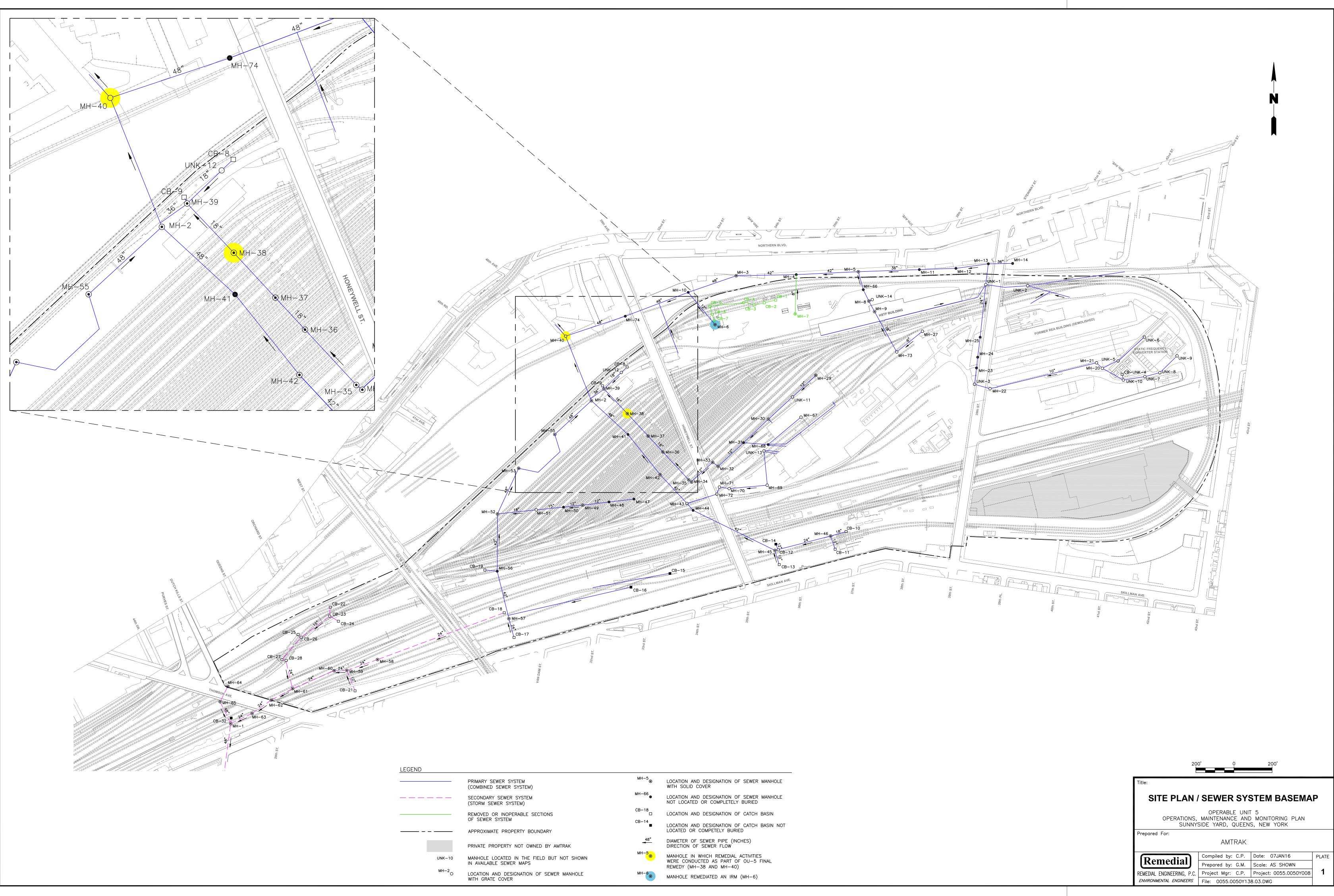
OM&M NOTES/ COMMENTS:



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

PLATE

1. Site Plan/Sewer System Basemap

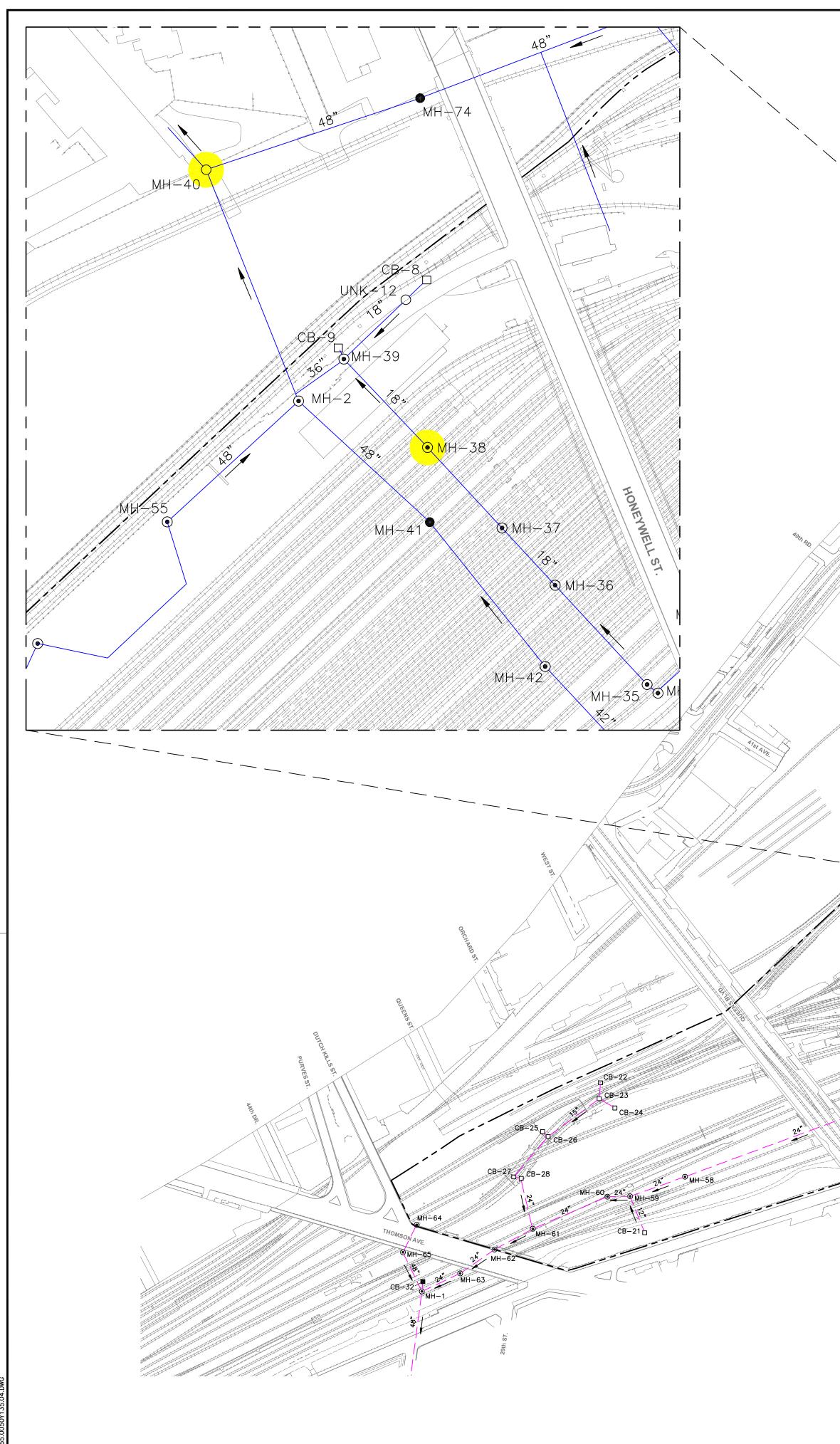


PRIMARY SEWER SYSTEM (COMBINED SEWER SYSTEM)	MH−5 ●	LOCATION AND DESIGNATION OF SEWER MANHOLE WITH SOLID COVER
SECONDARY SEWER SYSTEM (STORM SEWER SYSTEM)	MH−66	LOCATION AND DESIGNATION OF SEWER MANHOLE NOT LOCATED OR COMPLETELY BURIED
REMOVED OR INOPERABLE SECTIONS OF SEWER SYSTEM	CB-18	LOCATION AND 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

