



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

Table of Contents

List of Acronyms.....	3
Certification	5
1. Background and Site Description.....	6
2. Summary of OU-5 Remedy.....	7
2.1 Remedial Action Objectives.....	7
2.2 Description of Selected Remedy	7
3. Interim Remedial Measures, Operable Units and Remedial Contracts	9
3.1 Interim Remedial Measures.....	9
3.2 Operable Units.....	10
4. Description of Remedial Actions Performed	11
4.1 Governing Documents	11
4.1.1 Site Specific Health and Safety Plan (HASP).....	11
4.1.2 Soil/Materials Management Plan (SoMP).....	11
4.1.3 Community Air Monitoring Plan (CAMP)	12
4.1.4 Community Participation Plan (CPP).....	12
4.1.5 Monitoring Plan	13
4.2 Remedial Program Elements.....	13
4.2.1 Contractors and Consultants	13
4.2.2 Site Preparation	13
4.2.3 General Site Controls.....	14
4.2.4 Nuisance Controls.....	14
4.2.5 CAMP Results.....	15
4.2.6 Reporting.....	15
4.3 Contaminated Materials Removal	15
4.3.1 MH-38 Remedial Activities and MH-2 Cleanout	15
4.3.2 MH-40 Remediation Activities.....	16
4.3.2.1 Weir Construction	16
4.3.2.2 MH-40 Inspections, Additional Clean Out and Weir Construction	17
4.3.3 Disposal Details	17
4.4 Contamination Remaining at the Site.....	18
4.5 Engineering Controls	19
4.6 Institutional Controls	19
4.7 Deviations from the Remedial Action Work Plan.....	19
4.7.1 Cleanout of MH-2.....	20
4.7.2 Weir Installation in MH-40.....	20
5. References	21

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
OOC	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

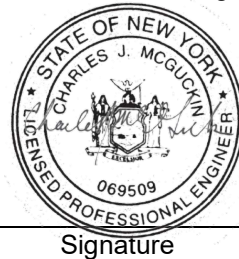
Certification

I, Charles J. McGuckin, 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, Charles J. McGuckin, 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

May 20, 2022
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 performed 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. Institutional Controls: The environmental easement discussed above, notification to all parties of contamination existing in the sewers.
 - B. Engineering Controls: 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. Implementation of an OM&M Plan: 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 an 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:

- Sediment Screening Methods: 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.
- Stockpile Methods: 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.

- **Materials Excavation and Load Out:** 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.
- **Materials Transport Off-Yard:** 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.
- **Materials Disposal Off-Yard:** 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 Thursday	1:00 PM to 8:00 PM
Tuesday	1:00 PM to 6:00 PM
Wednesday and Friday	10:00 AM to 6:00 PM
Saturday	10:00 AM to 5:30 PM
Sunday	Closed

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 µg/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 pre-approved 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.

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

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 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

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

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	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

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

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

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

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

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

Parameter (Concentrations in µg/L)	NYCDEP Limitation for Effluent to Combined Sewers	Sample Designation: Sample Date: Location:	MH-6C 10/12/2011 MH-6 - Post IRM
Aroclor-1016	--		0.25 U
Aroclor-1221	--		0.25 U
Aroclor-1232	--		0.25 U
Aroclor-1242	--		0.25 U
Aroclor-1248	--		0.25 U
Aroclor-1254	--		0.25 U
Aroclor-1260	--		0.25 U
Aroclor-1262	--		0.25 U
Aroclor-1268	--		0.25 U
Total PCBs	1		0

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

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

Parameter (Concentrations in mg/kg)	Sample Designation: MH40WC Sample Date: 7/8/2013
1,1,1-Trichloroethane	0.0027 U
1,1,1,2-Tetrachloroethane	0.0027 U
1,1,2-Trichloroethane	0.0027 U
1,1-Dichloroethane	0.0027 U
1,1-Dichloroethene	0.0027 U
1,2,3-Trichlorobenzene	0.0027 U
1,2,4-Trichlorobenzene	0.0027 U
1,2-Dibromoethane	0.0027 U
1,2-Dichlorobenzene	0.0027 U
1,2-Dichloroethane	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**

Parameter (Concentrations in mg/kg)	Sample Designation:	MH40WC
	Sample Date:	7/8/2013
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

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

Parameter (Concentrations in mg/kg)	Sample Designation: MH40WC Sample Date: 7/8/2013
1,1'-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	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	0.36 D
Butylbenzyl phthalate	0.14 UD
Caprolactam	0.14 UD
Carbazole	1 D
Chrysene	2.3 D
Dibenzo[a,h]anthracene	0.33 D

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

Parameter (Concentrations in mg/kg)	Sample Designation: MH40WC Sample Date: 7/8/2013
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

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**

Parameter (Concentrations in mg/kg)	Sample Designation:	MH40WC
	Sample Date:	7/8/2013
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 (Concentrations in mg/kg)	Sample Designation:	MH40WC
	Sample Date:	7/8/2013
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
Sunnyside Yard, Queens, New York**

Parameter	Units	Sample Designation:	MH40WC
		Sample Date:	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 that parameter was detected above the Yard-Specific Criteria for Sewer Sediment	
Groundwater Tables	
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

Sample Designation:			MH-40_SEDIMENT
Sample Date: 02/13/2019			
Parameter	Yard-Specific Criteria 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

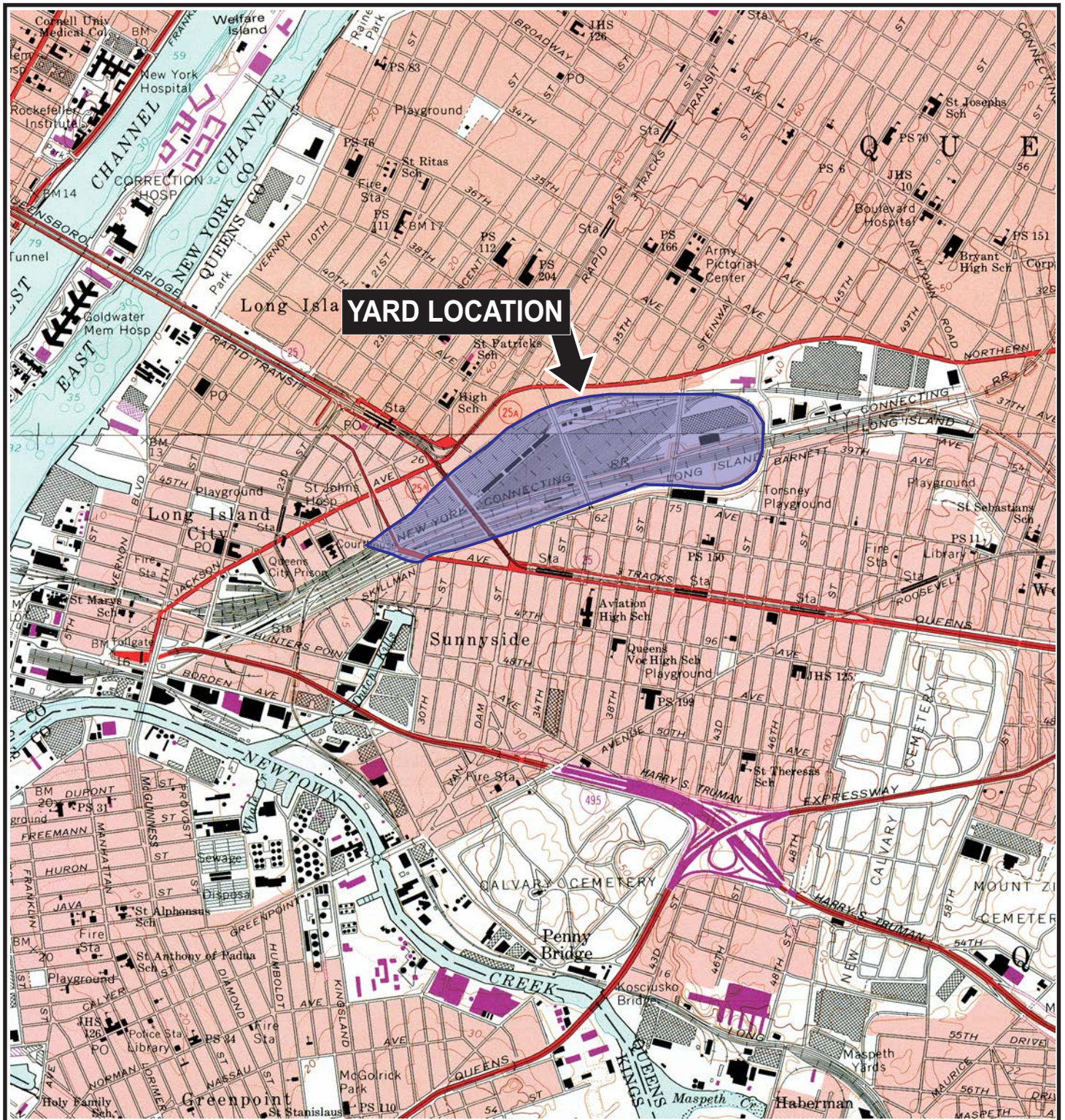
Table 13. Summary of Polychlorinated Biphenyls in Sewer Water, Sunnyside Yard OU-5 Manhole 40, Long Island City, New York

Sample Designation: MH-40_WATER			Sample Date: 02/13/2019
Parameter	Yard-Specific Criteria 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

OU-5 Construction Completion Report
Sunnyside Yard
Queens, New York

FIGURES

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



SOURCE:
CENTRAL PARK AND BROOKLYN, NEW YORK
QUADRANGLE 7.5 MINUTE SERIES (TOPOGRAPHIC)



QUADRANGLE
LOCATION

0 2000'



Title:

LOCATION OF SITE

OPERABLE UNIT 5 CONSTRUCTION COMPLETION REPORT
SUNNYSIDE YARD, QUEENS, NEW YORK

Prepared for:

AMTRAK

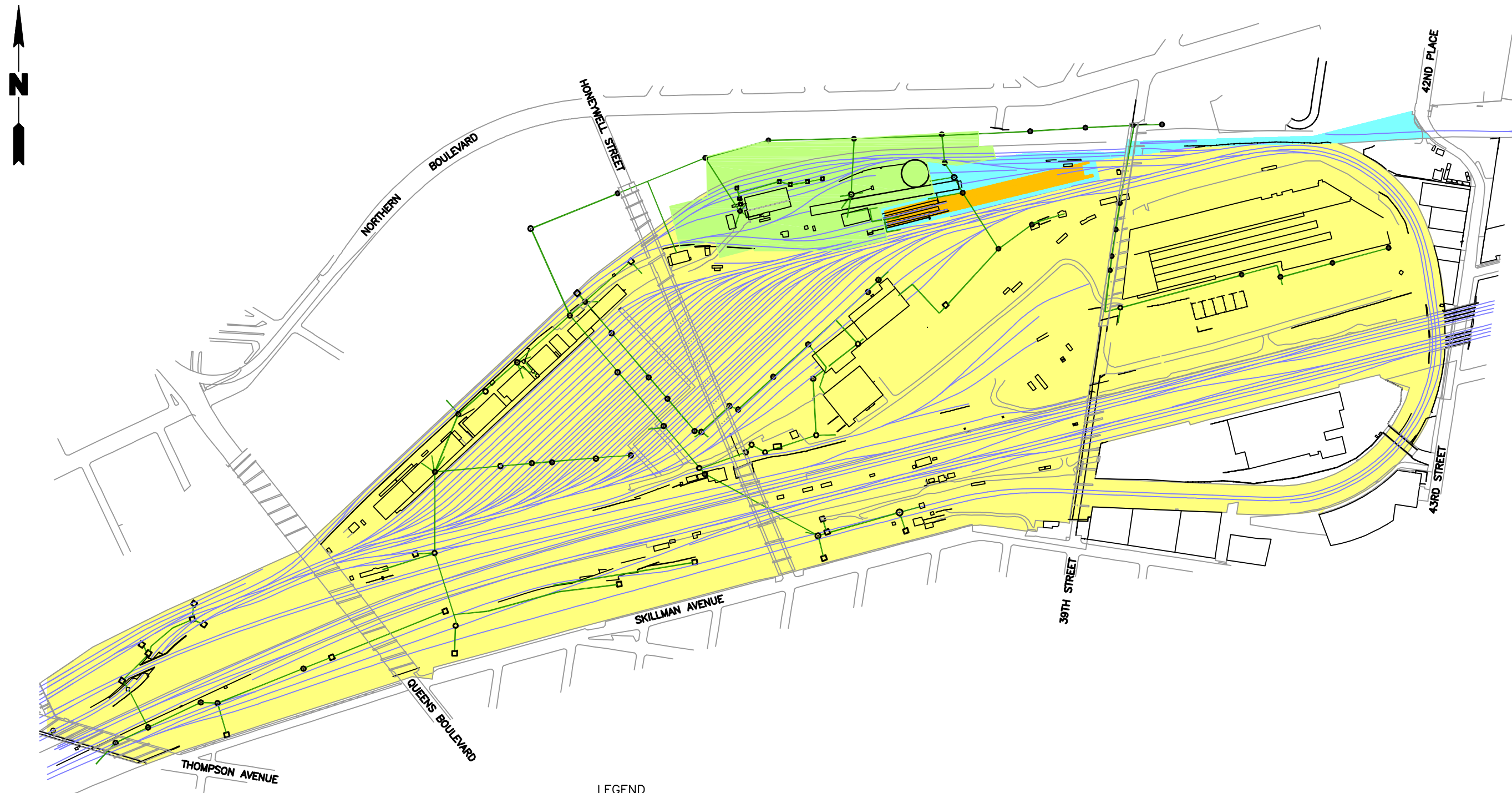
ROUX
ROUX ASSOCIATES, INC.
Environmental Consulting
& Management

Compiled by: H.G.	Date: 19MAR14
Prepared by: J.A.D.	Scale: AS SHOWN
Project Mgr.: H.G.	Project No.: 0055.0050Y008
File: 0055.0050Y135.01.CDR	

FIGURE

1

V:\CAD\PROJECTS\0055Y\0050Y\135\0055.0050Y135.05.DWG

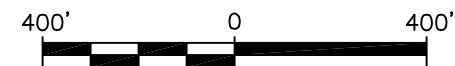


NOTES

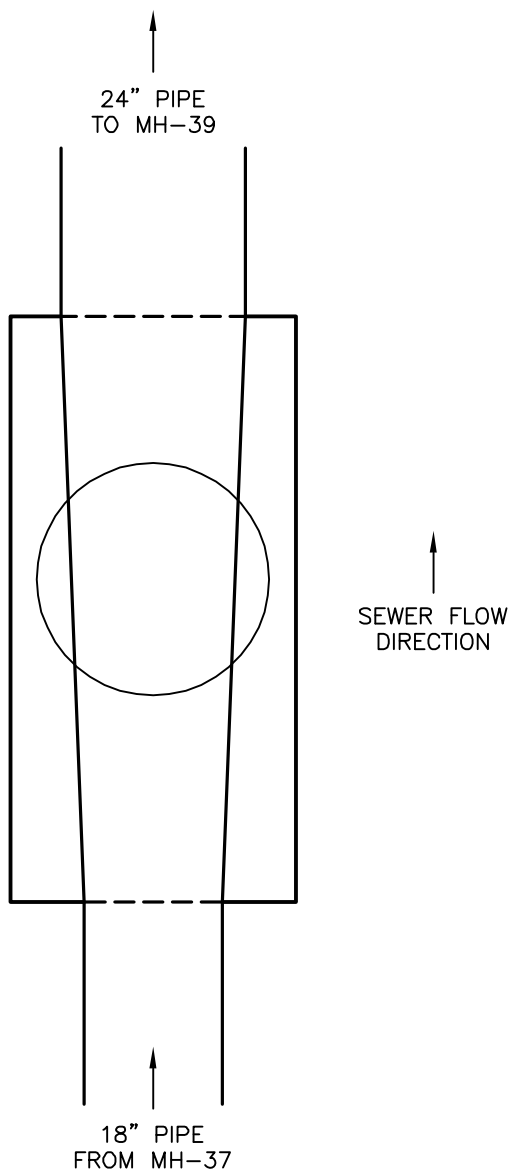
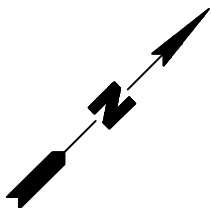
1. LOCATIONS OF SEWER COMPONENTS BASED UPON A REVIEW OF AMTRAK-SUPPLIED ENGINEERING DIAGRAMMS AND LIMITED FIELD SURVEY.
2. OU-6, GROUNDWATER BENEATH THE YARD (UNDERLIES ALL OTHER OU's)
3. LIRR - LONG ISLAND RAIL ROAD

LEGEND

- LOCATION OF RAILROAD TRACK
- APPROXIMATE LOCATION OF SEWER
- GRATE COVER CATCH BASIN LOCATION
- SOLID COVER MANHOLE LOCATION
- GRATE COVER MANHOLE LOCATION
- APPROXIMATE PROPERTY BOUNDARY
- OU-1
- OU-2
- OU-3
- OU-4
- OU-5 (YARD SEWER SYSTEM)
- OU-6, GROUNDWATER BENEATH THE YARD (UNDERLIES ALL OTHER OU's)



Title:			
AMTRAK YARD LAYOUT			
OPERABLE UNIT 5 CONSTRUCTION COMPLETION REPORT SUNNYSIDE, QUEENS, NEW YORK			
Prepared For:			
AMTRAK			
Remedial REMEDIAL ENGINEERING, P.C. ENVIRONMENTAL ENGINEERS	Compiled by: H.G.	Date: 27MAY14	FIGURE 2
	Prepared by: J.A.D.	Scale: AS SHOWN	
	Project Mgr: R.S.K.	Project: 0055.0050Y008	
File: 0055.0050Y135.05.DWG			



Title:

MH-38 PLAN VIEW

OPERABLE UNIT 5 CONSTRUCTION COMPLETION REPORT
SUNNYSIDE YARD, QUEENS, NEW YORK

Prepared For:

AMTRAK

Remedial

REMEDIAL ENGINEERING, P.C.
ENVIRONMENTAL ENGINEERS

Compiled by: R.M.

Prepared by: J.A.D.

Project Mgr: R.S.K.

File: 0055.0050Y135.02.DWG

Date: 27MAY14

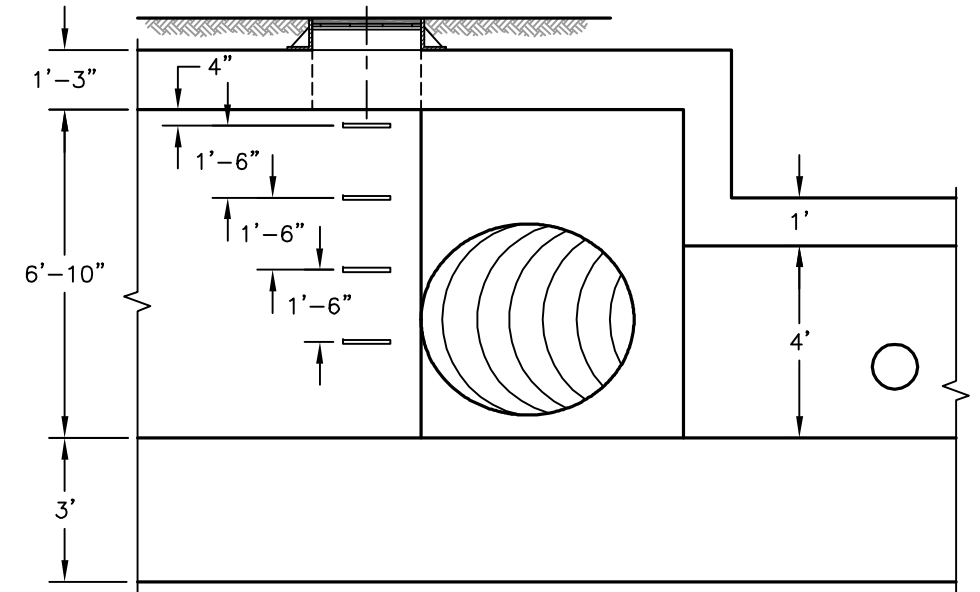
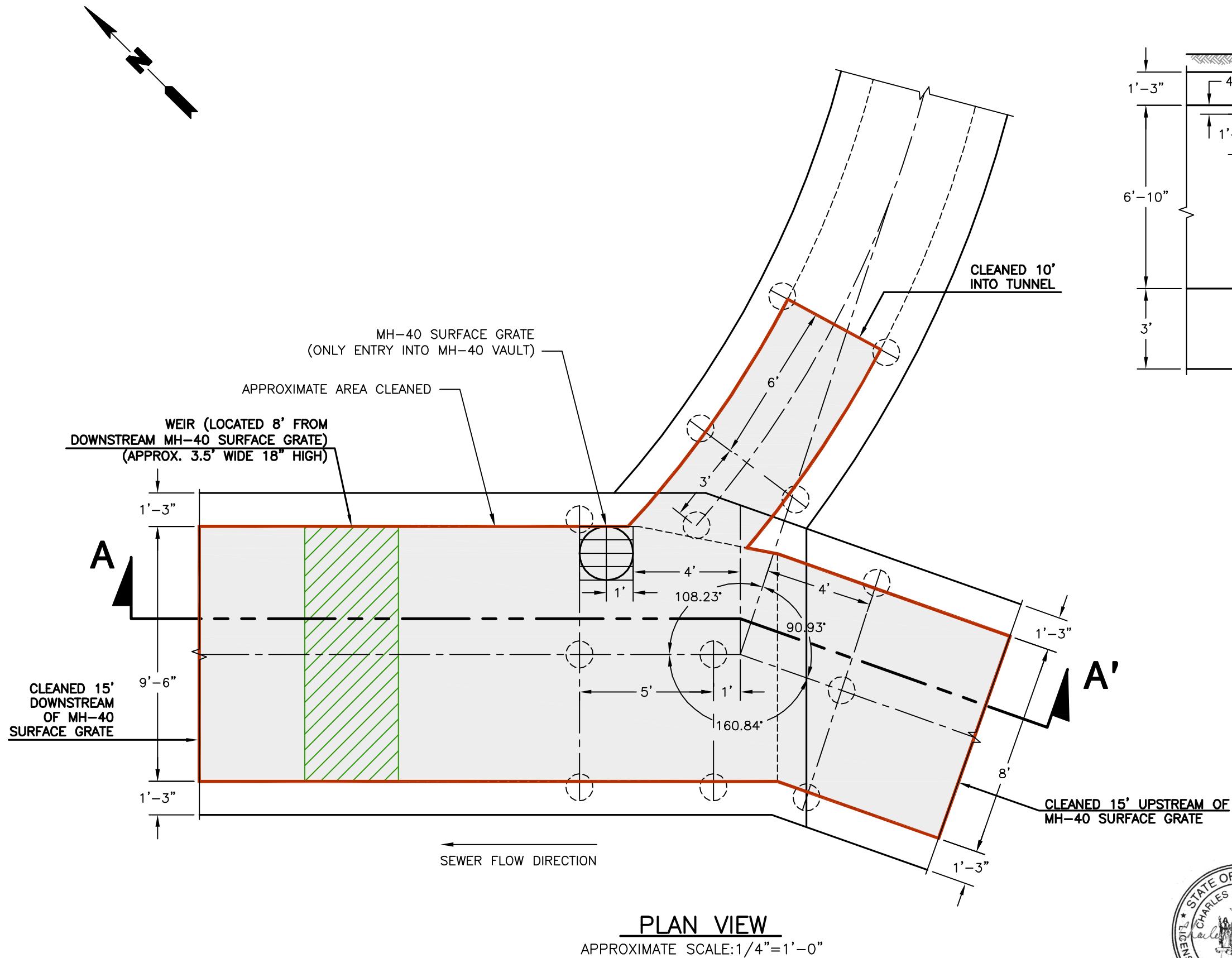
Scale: NOT TO SCALE

Project: 0055.0050Y008

FIGURE

3

V:\CAD\PROJECTS\0055Y\0050Y\135\0055.0050Y135.03.DWG



LEGEND

- MANHOLE-40(MH-40) SURFACE GRATE
- AREA CLEANED
- SAND-BAG WEIR CONSTRUCTED AS PART OF OU-5 REMEDY



Title: MH-40 DETAIL			
OPERABLE UNIT 5 CONSTRUCTION COMPLETION REPORT SUNNYSIDE YARD, QUEENS, NEW YORK			
Prepared For: AMTRAK			
Remedial REMEDIAL ENGINEERING, P.C. ENVIRONMENTAL ENGINEERS	Compiled by: J.G.	Date: 27MAY14	FIGURE 4
	Prepared by: J.A.D.	Scale: AS SHOWN	
	Project Mgr: R.S.K.	Project: 0055.0050Y008	
		File: 0055.0050Y135.03.DWG	

OU-5 Construction Completion Report
Sunnyside Yard
Queens, New York

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

OU-5 Construction Completion Report
Sunnyside Yard
Queens, New York

APPENDIX A

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

OU-5 Construction Completion Report
Sunnyside Yard
Queens, New York

APPENDIX B

Daily Reports – MH-40 Remedial Activities

**DAILY SITE INSPECTION/FIELD ACTIVITY REPORT**

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) <ul style="list-style-type: none">• Vacuum truck• Utility / support trucks• Tripod / winch• Generator• Two 3" submersible pumps	Joseph Gavin – Roux Associates, Inc. Barry Gallant – PSC Kenny Lynch – PSC Kyle Kelly – PSC Ralph Reinert – PSC 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: <ul style="list-style-type: none">• 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: <ul style="list-style-type: none">• 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: <ul style="list-style-type: none">• 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: <ul style="list-style-type: none">• 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.

DAILY SITE INSPECTION/FIELD ACTIVITY REPORT

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.

DAILY SITE INSPECTION/FIELD ACTIVITY REPORT

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.



DAILY SITE INSPECTION/FIELD ACTIVITY REPORT

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) <ul style="list-style-type: none">• Vacuum truck• Utility / support trucks• Tripod / winch• Generator• 4" hydraulic pump	Joseph Gavin – Roux Associates, Inc. Barry Gallant – PSC Kenny Lynch – PSC Kyle Kelly – PSC Ralph Reinert – PSC 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.



DAILY SITE INSPECTION/FIELD ACTIVITY REPORT

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.

DAILY SITE INSPECTION/FIELD ACTIVITY REPORT

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.

DAILY SITE INSPECTION/FIELD ACTIVITY REPORT

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.

DAILY SITE INSPECTION/FIELD ACTIVITY REPORT

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.



DAILY SITE INSPECTION/FIELD ACTIVITY REPORT

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) <ul style="list-style-type: none">• Vacuum truck• Utility / support trucks• Tripod / winch• Generator• 4" hydraulic pump	John Freijomil – Roux Associates, Inc. Rich Maxwell – Roux Associates, Inc. (Morning only) Barry Gallant – PSC Kenny Lynch – PSC Kyle Kelly – PSC 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.

OU-5 Construction Completion Report
Sunnyside Yard
Queens, New York

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



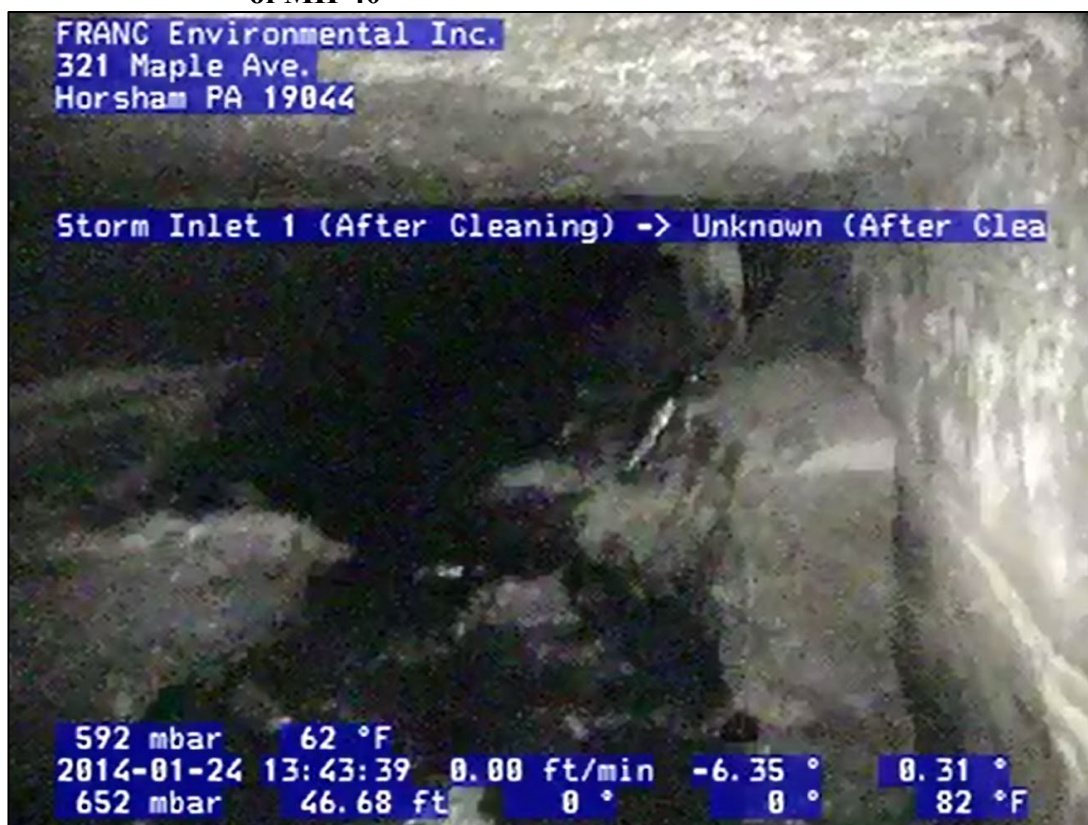
Photograph 7: View upstream, towards East in MH-40, prior to cleaning



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 12: View of upstream in tunnel in MH-40, towards East following cleaning



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



Photograph 14: View of newly constructed weir located eight feet 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

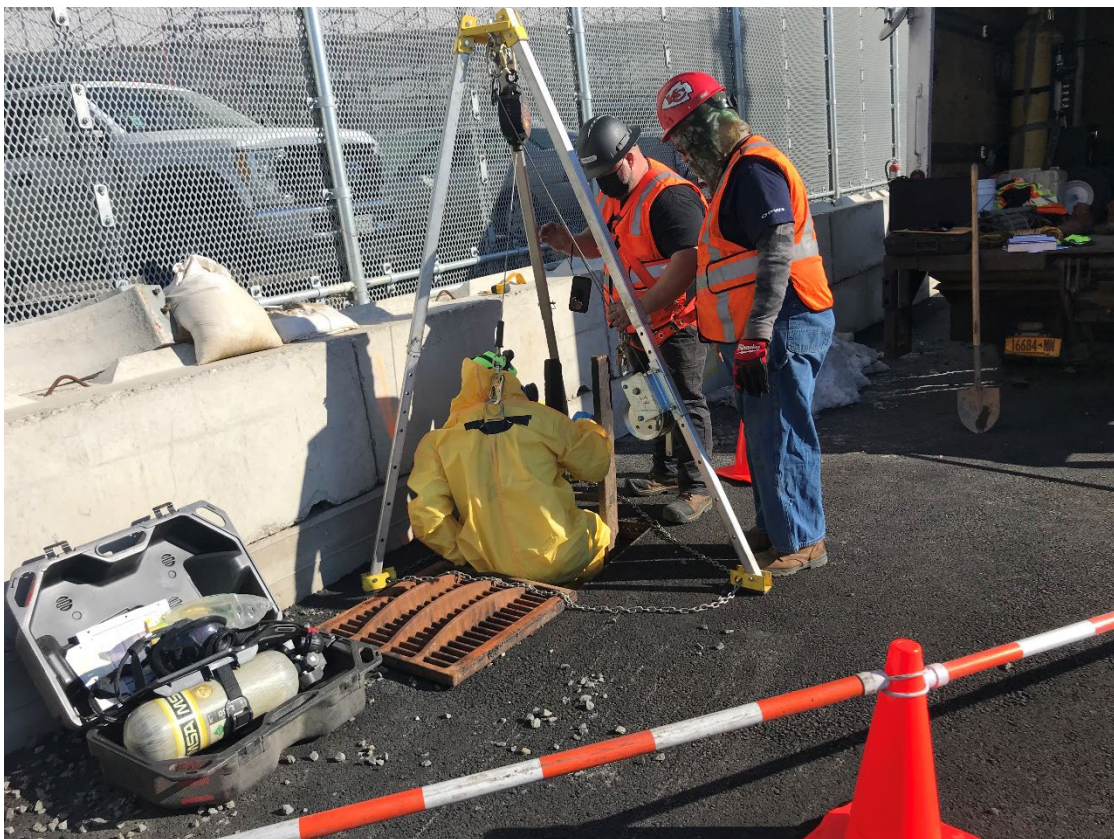




Photograph 22: View of newly constructed weir located eight feet downstream of MH-40 surface grate during November 2020 (by MTA)



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

OU-5 Construction Completion Report
Sunnyside Yard
Queens, New York

APPENDIX D

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

OU-5 Construction Completion Report
Sunnyside Yard
Queens, New York

APPENDIX E

Hazardous Waste Disposal Manifests

T/0044 4261

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NYD078B16898	2. Page 1 of 1	3. Emergency Response Phone 1800 483-3718	4. Manifest Tracking Number 004817324	FLE	
5. Generator's Name and Mailing Address National Railroad Passenger 400 W. 31st Street, 4th Floor New York, NY 10001 Generator's Phone: 1 212 262 2242 ATTN: Claude Taccetta				Generator's Site Address (if different than mailing address) 30-29 Honeywell Street Long Island City, NY 11101			
6. Transporter 1 Company Name Clean Harbors Environmental Services Inc.				U.S. EPA ID Number MA0029322280			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address Clean Harbors of Braintree Inc 1 Mill Avenue Braintree, MA 02184 Facility's Phone: 1 781 360-1100				U.S. EPA ID Number MA0033452637			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes	
1.	RD, UN2315, POLYCHLORINATED BIPHENYLS, LIQUID MIXTURE, 3, PO III, (WATER, DIRT & OIL)	XX1	TT 6, 8/10	6, 8/10	K	8002	MA02
2.							
3.							
4.							
14. Special Handling Instructions and Additional Information 1. CH6181528 ERG#171 Rec'd # 10533 OUT OF SERVICE DATE 3/9/12 SUNSHINE # 805 483/3718 EPA ID # MS0042500-002 / NY MA 006 STORAGE AREA 8222							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name ATAGUA RIVER BRANCH Tom M. MANDRA				Signature [Signature]		Month Day Year 08 09 12	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name Tom M. MANDRA Signature [Signature] Month Day Year 08 09 12 Transporter 2 Printed/Typed Name John Bakita Signature [Signature] Month Day Year 03 13 13							
18. Discrepancy 18a. Discrepancy Indication Space <input checked="" type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection LINE 1, ITEMS 1112 SHOULD READ 4,435K (DRC) Manifest Reference Number: _____ 18b. Alternate Facility (or Generator) U.S. EPA ID Number _____ Facility's Phone: _____ 18c. Signature of Alternate Facility (or Generator) Month Day Year _____							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems) 1. H141 2. 3. 4.							
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a Printed/Typed Name 16.16 1 10/1/11 Signature [Signature] Month Day Year 10 11 11							

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NYD078516895	2. Page 1 of 1	3. Emergency Response Phone (800) 483-3718	4. Manifest Tracking Number 003949417 FLE		
5. Generator's Name and Mailing Address National Railroad Passenger 400 W. 31st Street, 4th Floor New York, NY 10001		Generator's Site Address (if different than mailing address) 39-29 Honeywell Street Long Island City, NY 11101					
6. Transporter 1 Company Name Clean Harbors Environmental Services Inc		U.S. EPA ID Number MAD039322250					
7. Transporter 2 Company Name		U.S. EPA ID Number					
8. Designated Facility Name and Site Address Clean Harbors of Braintree Inc 1 Hill Avenue Braintree, MA 02184		U.S. EPA ID Number MAD053452637					
Facility's Phone: (781) 380-7100							
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit WL/Vol.	13. Waste Codes
			No.	Type			
	X	1. RQ, UN2315, POLYCHLORINATED BIPHENYLS, LIQUID, 9, PG III (PCB)	1	TT	EST 3500	K	B002 MA02 B
14. Special Handling Instructions and Additional Information 1. CH100388B ERG#171 TRUCK 7441 LIC #60054 Out of Service Date: _____ NYMA006 MTRIP 07259 DECAL 14282							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offoror's Printed/Typed Name MERLO ALVILA						Signature <i>[Signature]</i>	
						Month Day Year 10 14 11	
TRANSPORTER INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
	Transporter signature (for exports only): _____						
	17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name MERLO ALVILA						Signature <i>[Signature]</i>	
						Month Day Year 10 14 11	
Transporter 2 Printed/Typed Name						Signature	
						Month Day Year	
DESIGNATED FACILITY	18. Discrepancy						
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
	Manifest Reference Number: _____ U.S. EPA ID Number						
	18b. Alternate Facility (or Generator)						
	Facility's Phone: _____ Month Day Year						
18c. Signature of Alternate Facility (or Generator)							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1. H141		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name						Signature	
						Month Day Year	

OU-5 Construction Completion Report
Sunnyside Yard
Queens, New York

APPENDIX F

Non-Hazardous Waste Disposal Manifests

BILL OF LADING



1772031

B/L Number 103482-14 2800 SANDSTONE DRIVE, HATFIELD, PA 19440
 DATE OF PICKUP 2-10-14 EPA IDENTIFICATION CODE NO. NYC E30 G
 GENERATOR AMTRACK - NEW YORK ADDRESS 4030 NORTHERN BOULEVARD
 CITY NEW YORK STATE NY ZIP 10001 PHONE (212) 690 7240
 CONTACT: rich.walsh@amtrak.com BROKER:

US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	Containers		Total Quantity	Unit Wt./Vol.	Waste No.
	No.	Type			
a. NON-REGULATED MATERIAL (MANHOLE SEDIMENT)	XX1	CM	15,000	204 P	
b.			24700	P	
c.					
d.					

Additional Information/Lab Code

Emergency Phone#

(677) 677-2686

a (1) 030102-00 - NON-HAZARDOUS MANHOL

b AS PER PA TITLE 25, 264a.71(3), SECTION 11 (#) LINE 1 IS 24700 1b

CONTRACT/PO NO.

NO. OF OVERPACKS USED

START TIME

ARRIVAL AT CUSTOMER

DEPARTED CUSTOMER

DELAY TIME

SPECIAL INSTRUCTIONS / REASONS FOR DELAY

GENERATOR CERTIFICATION:

"I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations." I also certify that all times listed above are true and correct.

Print Name Kenneth L. Lynd Signature [Signature] Date 2-10-14

TRACTOR # R04 TRAILER# BOX SPOTTED# V2615 BOX PICKED UP# LINER

TRANSPORTER #1

COMPANY REPUBLIC ENV SYS (TRANS GROUP) LLCPHONE NUMBER (215) 822 2878EPA ID NO. PAD 082 061 381

PRINT NAME Kenneth L. Lynd SIGNATURE [Signature] DATE 2-10-14

TRANSPORTER #2

COMPANY PHONE NUMBER (1) -EPA ID NO.

PRINT NAME SIGNATURE DATE

TSDF ARRIVAL TIME

TSDF DEPARTURE TIME

DELAY TIME

FINISH TIME

REASON FOR DELAY

CONSIGNEE/TREATMENT/STORAGE/DISPOSAL FACILITY EPA IDENTIFICATION CODE NO. PAD 005 006 502CONIGNED TO REPUBLIC ENV SYS (PA) LLC ADDRESS 2800 SANDSTONE DRIVECITY HATFIELD STATE PA ZIP 19440 PHONE (215) 822 2095

THIS IS TO CERTIFY THE ACCEPTANCE OF THIS WASTE FOR TREATMENT STORAGE DISPOSAL

PRINT NAME Paul Carroll SIGNATURE [Signature] DATE 2-20-14

White - GENERATOR FILE
 Blue - TRANSPORTER FILE
 Green - PSC DOCUMENT DEPARTMENT FILE

Canary - PSC BILLING DEPARTMENT (RETURN TO GENERATOR)
 Pink - PSC BILLING DEPARTMENT FILE
 Goldenrod - TSD FACILITY COPY

Rev. 12/03

BILL OF LADING



1772691

BL Number 103483-14 2380 SANDSTONE DRIVE, HATFIELD, PA 19440
 DATE OF PICKUP 2/10/14 EPA IDENTIFICATION CODE NO. NYC ESO 6
 GENERATOR AMTRAK NEW YORK ADDRESS 20 30 NORTHERN BOULEVARD
 CITY NEW YORK STATE NY ZIP 10001 PHONE (212) 830-2240
 CONTACT: Paul Krieger BROKER:

US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	Containers		Total Quantity	Unit Wt./Vol.	Waste No.
	No.	Type			
a. NON-REGULATED MATERIAL (MANHOLE SEDIMENT)	XY1	CM	14000	15	
b.			23600	P	
c.					
d.					

Additional Information/Lab Code

Emergency Phone#

(877) 517-2688

a (1) 630102-00 - NON-HAZARDOUS MANHOLE

b AS PER PA TITLE 25, 264a.71(3); SECTION 11 (#) LINE 1 IS 23600 lb

CONTRACT/PO NO.

NO. OF OVERPACKS USED

START TIME

ARRIVAL AT CUSTOMER

DEPARTED CUSTOMER

DELAY TIME

SPECIAL INSTRUCTIONS / REASONS FOR DELAY

GENERATOR CERTIFICATION:

"I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations." I also certify that all times listed above are true and correct.

Print Name

Signature

Date

TRACTOR #

TRAILER#

BOX SPOTTED#

BOX PICKED UP#

LINER

TRANSPORTER #1

COMPANY

REPUBLIC ENV SYS (TRANS GROUP) LLC

PHONE NUMBER

(215) 822-2575

EPA ID NO.

PA002 001 381

PRINT NAME

Paul Krieger

SIGNATURE

Paul Krieger

DATE

2/10/14

TRANSPORTER #2

COMPANY

PHONE NUMBER

EPA ID NO.

PRINT NAME

SIGNATURE

DATE

TSD ARRIVAL TIME

REASON FOR DELAY

TSD DEPARTURE TIME

DELAY TIME

FINISH TIME

CONSIGNEE/TREATMENT/STORAGE/DISPOSAL FACILITY EPA IDENTIFICATION CODE NO.

PA002 001 381

CONSIGNED TO

REPUBLIC ENV SYS (PA) LLC

ADDRESS

2380 SANDSTONE DRIVE

CITY

HATFIELD

STATE

PA

ZIP

19440

PHONE

(215) 822-2005

THIS IS TO CERTIFY THE ACCEPTANCE OF THIS WASTE FOR TREATMENT STORAGE DISPOSAL

PRINT NAME

Paul Krieger

SIGNATURE

Paul Krieger

DATE

2/10/14

White - GENERATOR FILE

Blue - TRANSPORTER FILE

Green - PSC DOCUMENT DEPARTMENT FILE

Canary - PSC BILLING DEPARTMENT (RETURN TO GENERATOR)

Pink - PSC BILLING DEPARTMENT FILE

Goldenrod - TSD FACILITY COPY

Rev. 12/03

BILL OF LADING



1772091

B/L Number <u>10494 44</u>		2880 SANDSTONE DRIVE, HATFIELD, PA 19440	
DATE OF PICKUP <u>2/11/14</u>		EPA IDENTIFICATION CODE NO. <u>NYC ESQ G</u>	
GENERATOR <u>AMTRACK - NEW YORK</u>		ADDRESS <u>30-30 NORTHERN BOULEVARD</u>	
CITY <u>NEW YORK</u>		STATE <u>NY</u>	ZIP <u>10001</u> PHONE <u>(212) 431-7249</u>
CONTACT: <u>rob melenhoff</u>		BROKER:	

US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	Containers		Total Quantity	Unit Wt./Vol.	Waste No.
	No.	Type			
a. <u>NON-REGULATED MATERIAL (MANHOLE SEDIMENT)</u>	<u>XXI</u>	<u>CM</u>	<u>84</u> <u>X10000</u>	<u>P</u>	
b.			<u>TSU</u>		
c.					
d.					

Additional Information/Lab Code _____ Emergency Phone# (877) 677-2669

a. (1) 330102-00 - NON-HAZARDOUS MANHOL

b. AS PER PA TITLE 25, 264a.71(3), SECTION 11 (#) LINE 1 Building 11

CONTRACT/PO NO. _____	SPECIAL INSTRUCTIONS / REASONS FOR DELAY _____
NO. OF OVERPACKS USED _____	
START TIME _____	
ARRIVAL AT CUSTOMER _____	
DEPARTED CUSTOMER _____	
DELAY TIME _____	

GENERATOR CERTIFICATION:
 "I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations." I also certify that all times listed above are true and correct.

Print Name Paul Kratzig Signature [Signature] Date 2/11/14

TRACTOR # <u>R0-3</u>	TRAILER# _____	BOX SPOTTED# _____	BOX PICKED UP# <u>02636</u>	LINER _____
-----------------------	----------------	--------------------	-----------------------------	-------------

TRANSPORTER #1	PHONE NUMBER <u>(215) 322-2679</u>
COMPANY <u>REPUBLIC ENV SYS (TRANS GROUP) LLC</u>	EPA ID NO. <u>FAD 982 RM 381</u>
PRINT NAME <u>Paul Kratzig</u>	SIGNATURE <u>[Signature]</u> DATE <u>2/11/14</u>

TRANSPORTER #2	PHONE NUMBER _____
COMPANY _____	EPA ID NO. _____
PRINT NAME _____	SIGNATURE _____ DATE _____

TSDF ARRIVAL TIME _____	REASON FOR DELAY _____
TSDF DEPARTURE TIME _____	
DELAY TIME _____	
FINISH TIME _____	

CONSIGNEE/TREATMENT/STORAGE/DISPOSAL FACILITY EPA IDENTIFICATION CODE NO. <u>PAD 185 RDD 502</u>	
CONSIGNEE TO <u>REPUBLIC ENV SYS (PA) LLC</u>	ADDRESS <u>2880 SANDSTONE DRIVE</u>
CITY <u>HATFIELD</u>	STATE <u>PA</u> ZIP <u>19440</u> PHONE <u>(215) 822-8805</u>

THIS IS TO CERTIFY THE ACCEPTANCE OF THIS WASTE FOR TREATMENT STORAGE DISPOSAL

PRINT NAME [Signature] SIGNATURE [Signature] DATE 2/20/14

White - GENERATOR FILE
 Blue - TRANSPORTER FILE
 Green - PSC DOCUMENT DEPARTMENT FILE

Canary - PSC BILLING DEPARTMENT (RETURN TO GENERATOR)
 Pink - PSC BILLING DEPARTMENT FILE
 Goldenrod - TSD FACILITY COPY

Rev. 12/03

Site Address: 39-29 Honeywell Street
Long Island City, NY 11101

SC PPW 3/3/2011

WORK ORDER NO. MS3830726-002

DOCUMENT NO. 337816

STRAIGHT BILL OF LADING

PLATE # TIR4653 OH

TRANSPORTER 1 Clean Harbors Environmental Services Inc VEHICLE ID # 437
EPA ID # MAD039322250 TRANS. 1 PHONE (781) 792-5000
TRANSPORTER 2 *Clean Harbors Env. Services Inc.* VEHICLE ID # TIR4653 OH
EPA ID # MAD039322250 TRANS. 2 PHONE

DESIGNATED FACILITY LORCO Petroleum Services			SHIPPER ATTN: Claudia Taccetta National Railroad Passenger		
FACILITY EPA ID # NJR000023036			SHIPPER EPA ID # NYD078516895		
ADDRESS 450 South Front Street			ADDRESS 400 W. 31st Street, 4th Floor		
CITY Elizabeth		STATE NJ	ZIP 07202	CITY New York	
STATE NY		ZIP 10001			
CONTAINERS NO. & SIZE	TYPE	HM	DESCRIPTION OF MATERIALS	TOTAL QUANTITY	UNIT WT/VOL
14 3000	TT		ANON D.O.T. REGULATED, (OIL & WATER)	520 ^{ca}	6 ^{ca}
			B.	4160	f
			C.		
			D.		
			E.		
			F.		
			G.		
			H.		
SPECIAL HANDLING INSTRUCTIONS EMERGENCY PHONE #: (800) 483-3718 GENERATOR: National Railroad Passenger A.DS-LORCO-AK2001					
NJ DEP 16666 NYMA 806					

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.

SHIPPER	PRINT AGENT FOR AMTAC CARLOS RIOS	SIGN <i>[Signature]</i>	DATE 04 OCT 2011
TRANSPORTER 1	PRINT Carlos Rios	SIGN <i>[Signature]</i>	DATE 04 OCT 2011
TRANSPORTER 2	PRINT JERRY J BRUNO	SIGN <i>[Signature]</i>	DATE 10-7-11
RECEIVED BY	PRINT T. VIOL	SIGN <i>[Signature]</i>	DATE 10-7-11



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

Reprint
Ticket# 1105012
Ph: 2157361700

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

Tkt Date 01/13/2021	Vehicle# 13	Volume
Pay Type Credit Account	Trailer#	
Billing# 0000926	License# AU883L	
Acc Tons 47.88	Driver	
Man Tk#	Haul Tk#	
PO# 111672	Dest	

Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI	Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT
EPA ID NA	Waste # 506
Manifest 000001	Origin #/County NY/NEW YORK (State of),NY
Route	Origin Name NEW YORK
	Grid F3 01-13-21

Time	Scale-Cert Date	Operator	Operation Inbound	Type-Inbound Gross	
In 01/13/2021 09:23	FAIRLESS_LAB_			Tare	77540 lb
Out 01/13/2021 10:14	FAIRLESS_LANE	B Donovan 86176		Net	28440 lb
				Tons	49100 lb
					24.55

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T 100		24.55	Tons				NY

Total Tax
Total Ticket

Weighmaster: _____ Driver`s Signature_____



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.		Manifest Doc No.		2. Page 1 of 1	
3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101				Generator's Site Address (If different than mailing): MATACD EAST SIDE ACCESS <i>C4033</i> MTA MID-DAY STORAGE SUNNYSIDE YARD, QUEENS, NY 11101 County: QUEENS		A. Manifest Number WMNA 000001	
4. Generator's Phone 631-332-9526				B. State Generator's ID			
5. Transporter 1 Company Name <i>Cuerca Coronel #13</i>				6. US EPA ID Number		C. State Transporter's ID	
7. Transporter 2 Company Name <i>AW 883 L</i>				8. US EPA ID Number		D. Transporter's Phone	
9. Designated Facility Name and Site Address <i>Fairless Landfills</i> 1000 New Ford Mill Rd Morrisville, PA 19067				10. US EPA ID Number		E. State Transporter's ID	
						F. Transporter's Phone	
						G. State Facility ID	
						H. State Facility Phone	
11. Description of Waste Materials				12. Containers		13. Total Quantity	
a. NON-HAZARDOUS SEWAGE IMPACTED SOILS <i>Waste to Northern Blvd</i> WM Profile # 489225PAE				No. Type		14. Unit Wt./Vol.	
				001		I. Misc. Comments	
b. WM Profile #							
c. WM Profile #							
d. WM Profile #							
J. Additional Descriptions for Materials Listed Above				K. Disposal Location			
BILL TO: ENVIRONMENTAL WASTE MINIMIZATION, INC.				Cell		Level	
15. Special Handling Instructions and Additional Information				Grid			
Purchase Order #				EMERGENCY CONTACT / PHONE NO.:			
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.							
Printed Name <i>Tenzin Lhundup</i>				Signature "On behalf of" <i>[Signature]</i> MTA		Month Day Year 01 13 21	
17. Transporter 1 Acknowledgement of Receipt of Materials				Signature <i>[Signature]</i>		Month Day Year 1 13 21	
18. Transporter 2 Acknowledgement of Receipt of Materials				Signature		Month Day Year	
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.							
20. Facility Owner or Operator Certification of receipt of non-hazardous materials covered by this manifest.				Signature <i>[Signature]</i>		Month Day Year 1 13 21	

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY
Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY
Yellow- GENERATOR #1 COPY



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

Reprint
Ticket# 1105019
Ph: 2157361700

Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING
14 BRICK KILN CT
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
Trailer#
License#
Driver
Haul Tk#
Dest

Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT
EPA ID NA Waste # 506
Manifest 000002 Origin #/County NY/NEW YORK (State of),NY
Route Origin Name NEW YORK
Grid F3 01-13-21

Time	Scale-Cert Date	Operator	Operation Inbound	Type-Inbound Gross	75520 lb
In 01/13/2021 09:25	FAIRLESS_LAB_			Tare	28860 lb
Out 01/13/2021 10:15	FAIRLESS_LANE	B Donovan 86176		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

Weighmaster: _____ Driver`s Signature_____



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1
3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101		Generator's Site Address (if different than mailing): MATACD EAST SIDE ACCESS MTA MID-DAY STORAGE SUNNYSIDE YARD, QUEENS, NY 11101 County: QUEENS		A. Manifest Number WMNA 000002
4. Generator's Phone 631-332-9526		B. State Generator's ID		
5. Transporter 1 Company Name <i>Crima Landfills</i>		6. US EPA ID Number	C. State Transporter's ID	
7. Transporter 2 Company Name <i>Crima 71 - AS 211 A</i>		8. US EPA ID Number	D. Transporter's Phone	
9. Designated Facility Name and Site Address Fairless Landfills 1000 New Ford Mill Rd Morrisville, PA 19067		10. US EPA ID Number	E. State Transporter's ID	
			F. Transporter's Phone	
			G. State Facility ID	
			H. State Facility Phone	
11. Description of Waste Materials		12. Containers No. Type	13. Total Quantity	14. Unit Wt./Vol.
a. NON-HAZARDOUS SEWAGE IMPACTED SOILS <i>Yard to N Blvd</i> WM Profile # 489225PAE		001		
b. WM Profile #				
c. WM Profile #				
d. WM Profile #				
J. Additional Descriptions for Materials Listed Above		K. Disposal Location		
BILL TO: ENVIRONMENTAL WASTE MINIMIZATION, INC.		Cell	Level	
		Grid		
15. Special Handling Instructions and Additional Information				
Purchase Order #				
EMERGENCY CONTACT / PHONE NO.:				
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.				
Printed Name <i>Tenzin Lhondub</i>		Signature "On behalf of" <i>MTA-ESA</i>	Month 1	Day 13
			Year 21	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>[Signature]</i>	Month 1	Day 13
Printed Name <i>Arif Almaguer</i>			Year 21	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature	Month	Day
Printed Name			Year	
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.				
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.				
Printed Name <i>[Signature]</i>		Signature <i>[Signature]</i>	Month 1	Day 13
			Year 21	

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY
Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY
Yellow- GENERATOR #1 COPY



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

Reprint
Ticket# 1105049
Ph: 2157361700

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

Tkt Date 01/13/2021	Vehicle# 4	Volume
Pay Type Credit Account	Trailer#	
Billing# 0000926	License# AU111V	
Acc Tons 115.79	Driver	
Man Tk#	Haul Tk#	
PO# 111672	Dest	

Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI	Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT
EPA ID NA	Waste # 506
Manifest 000003	Origin #/County NY/NEW YORK (State of),NY
Route	Origin Name NEW YORK
	Grid F3 01-13-21

Time	Scale-Cert Date	Operator	Operation Inbound	Type-Inbound Gross	
In 01/13/2021 09:38	FAIRLESS_LAB_			Tare	73360 lb
Out 01/13/2021 10:26	FAIRLESS_LANE	B Donovan 86176		Net	28220 lb
				Tons	45140 lb
					22.57

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T 100		22.57	Tons				NY

Total Tax
Total Ticket

Weighmaster: _____ Driver`s Signature_____



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.		Manifest Doc No.		2. Page 1 of 1	
3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101		Generator's Site Address (if different than mailing): MATACD EAST SIDE ACCESS <i>CQ033</i> MTA MID-DAY STORAGE SUNNYSIDE YARD, QUEENS, NY 11101 County: QUEENS		A. Manifest Number WMNA		000003	
4. Generator's Phone 631-332-9526				B. State Generator's ID			
5. Transporter 1 Company Name <i>Cuenca Corral</i>		6. US EPA ID Number		C. State Transporter's ID <i>AV111V#4</i>		D. Transporter's Phone	
7. Transporter 2 Company Name		8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone	
9. Designated Facility Name and Site Address <i>Fairless Landfills</i> 1000 New Ford Mill Rd Morrisville, PA 19067		10. US EPA ID Number		G. State Facility ID		H. State Facility Phone	
11. Description of Waste Materials		12. Containers		13. Total Quantity		14. Unit Wt./Vol.	
a. NON-HAZARDOUS SEWAGE IMPACTED SOILS <i>Yard to Northern Blvd</i> WM Profile # 489225PAE		No. Type		001 DT			
b. WM Profile #							
c. WM Profile #							
d. WM Profile #							
J. Additional Descriptions for Materials Listed Above		K. Disposal Location		Cell		Level	
BILL TO: ENVIRONMENTAL WASTE MINIMIZATION, INC.		Grid					
15. Special Handling Instructions and Additional Information							
Purchase Order #				EMERGENCY CONTACT / PHONE NO.:			
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.							
Printed Name <i>Tenzin Lhundup</i>		Signature "On behalf of" <i>[Signature]</i> MTA-ESA		Month <i>1</i>		Day <i>13</i>	
				Year <i>21</i>			
17. Transporter 1 Acknowledgement of Receipt of Materials							
Printed Name <i>John Solonzo</i>		Signature <i>[Signature]</i>		Month <i>01</i>		Day <i>13</i>	
				Year <i>2021</i>			
18. Transporter 2 Acknowledgement of Receipt of Materials							
Printed Name		Signature		Month		Day	
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.							
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.							
Printed Name <i>[Signature]</i>		Signature <i>[Signature]</i>		Month <i>1</i>		Day <i>13</i>	
				Year <i>21</i>			

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY

Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



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

Reprint
Ticket# 1105075
Ph: 2157361700

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

Tkt Date 01/13/2021	Vehicle# 65	Volume
Pay Type Credit Account	Trailer#	
Billing# 0000926	License# AS469U	
Acc Tons 115.79	Driver	
Man Tk#	Haul Tk#	
PO# 111672	Dest	

Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI	Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT
EPA ID NA	Waste # 506
Manifest 000004	Origin #/County NY/NEW YORK (State of),NY
Route	Origin Name NEW YORK
	Grid F3 01-13-21

Time	Scale-Cert Date	Operator	Operation Inbound	Type-Inbound Gross	
In 01/13/2021 09:53	FAIRLESS_LAB_			Tare	72200 lb
Out 01/13/2021 10:29	FAIRLESS_LANE	B Donovan 86176		Net	27940 lb
				Tons	44260 lb
					22.13

Comments

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

Total Tax
Total Ticket

Weighmaster: _____ Driver`s Signature_____



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.		Manifest Doc No.		2. Page 1 of 1	
3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101				Generator's Site Address (if different than mailing): MATACD EAST SIDE ACCESS C433 MTA MID-DAY STORAGE SUNNYSIDE YARD, QUEENS, NY 11101 County: QUEENS		A. Manifest Number WMNA 000004	
4. Generator's Phone 631-332-9526				B. State Generator's ID			
5. Transporter 1 Company Name Cuenca coronel				6. US EPA ID Number		C. State Transporter's ID	
7. Transporter 2 Company Name AS469U # 65				8. US EPA ID Number		D. Transporter's Phone	
9. Designated Facility Name and Site Address Fairless Landfills 1000 New Ford Mill Rd Morrisville, PA 19067				10. US EPA ID Number		E. State Transporter's ID	
						F. Transporter's Phone	
						G. State Facility ID	
						H. State Facility Phone	
11. Description of Waste Materials				12. Containers		13. Total Quantity	
a. NON-HAZARDOUS SEWAGE IMPACTED SOILS <i>Yard to Nisdon Blvd</i> WM Profile # 489225PAE				No. Type		14. Unit Wt./Vol.	
				001 DT		I. Misc. Comments	
b. WM Profile #							
c. WM Profile #							
d. WM Profile #							
J. Additional Descriptions for Materials Listed Above				K. Disposal Location			
BILL TO: ENVIRONMENTAL WASTE MINIMIZATION, INC.				Cell			
				Grid			
15. Special Handling Instructions and Additional Information							
Purchase Order #				EMERGENCY CONTACT / PHONE NO.:			
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.							
Printed Name Tenzin Lhundu				Signature "On behalf of" MTA-ESA		Month Day Year 1 13 21	
17. Transporter 1 Acknowledgement of Receipt of Materials				Signature Paul Crespo		Month Day Year 1 13 21	
Printed Name PAUL Crespo							
18. Transporter 2 Acknowledgement of Receipt of Materials				Signature		Month Day Year	
Printed Name							
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.							
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.							
Printed Name				Signature		Month Day Year 1 13 21	

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



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

Reprint
Ticket# 1105080
Ph: 2157361700

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

Tkt Date 01/13/2021	Vehicle# 05	Volume
Pay Type Credit Account	Trailer#	
Billing# 0000926	License# au926u	
Acc Tons 115.79	Driver	
Man Tk#	Haul Tk#	
PO# 111672	Dest	

Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI	Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT
EPA ID NA	Waste # 506
Manifest 000005	Origin #/County NY/NEW YORK (State of),NY
Route	Origin Name NEW YORK
	Grid F3 01-13-21

Time	Scale-Cert Date	Operator	Operation Inbound	Type-Inbound Gross	
In 01/13/2021 09:55	FAIRLESS_LAB_			Tare	74700 lb
Out 01/13/2021 10:29	FAIRLESS_LANE	B Donovan 86176		Net	28280 lb
				Tons	46420 lb
					23.21

Comments

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

Total Tax
Total Ticket

Weighmaster: _____ Driver`s Signature_____



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.	Manifest Doc No.		2. Page 1 of 1	
3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101		Generator's Site Address (if different than mailing): MATA CD EAST SIDE ACCESS 0033 MTA MID-DAY STORAGE SUNNYSIDE YARD, QUEENS, NY 11101 County: QUEENS		A. Manifest Number WMNA 000005		
4. Generator's Phone 631-332-9526		B. State Generator's ID				
5. Transporter 1 Company Name CUEVCA CORONEL		6. US EPA ID Number H-J-850		C. State Transporter's ID		
7. Transporter 2 Company Name #05 A1192601 H-J		8. US EPA ID Number		D. Transporter's Phone		
9. Designated Facility Name and Site Address Fairless Landfills 1000 New Ford Mill Rd Morrisville, PA 19067		10. US EPA ID Number		E. State Transporter's ID		
				F. Transporter's Phone		
				G. State Facility ID		
				H. State Facility Phone		
11. Description of Waste Materials		12. Containers		13. Total Quantity	14. Unit Wt./Vol.	
a. NON-HAZARDOUS SEWAGE IMPACTED SOILS Yard to Northern Blvd WM Profile # 489225PAE		No.	Type			
		001	OT			
b. WM Profile #						
c. WM Profile #						
d. WM Profile #						
J. Additional Descriptions for Materials Listed Above		K. Disposal Location				
BILL TO: ENVIRONMENTAL WASTE MINIMIZATION, INC.		Cell				
		Grid				
15. Special Handling Instructions and Additional Information						
Purchase Order #		EMERGENCY CONTACT / PHONE NO.:				
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.						
Printed Name Tenzin Lhundup		Signature "On behalf of" [Signature] MTA-ESA		Month 1	Day 13	
				Year 21		
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed Name EDISON ALVAREZ		Signature E. ALVAREZ		
				Month 01	Day 13	
				Year 21		
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed Name		Signature		
				Month	Day	
				Year		
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.						
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.						
Printed Name		Signature		Month	Day	
				Year		
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Pink- FACILITY USE ONLY Blue- GENERATOR #2 COPY Gold- TRANSPORTER #1 COPY Yellow- GENERATOR #1 COPY						



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

Reprint
Ticket# 1105501
Ph: 2157361700

Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING
14 BRICK KILN CT
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
Trailer#
License# AU883L
Driver
Haul Tk#
Dest

Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT
EPA ID NA Waste # 506
Manifest 000006 Origin #/County NY/NEW YORK (State of),NY
Route Origin Name NEW YORK
Grid F3 01-13-21

Time	Scale-Cert Date	Operator	Operation Inbound	Type-Inbound Gross	
In 01/13/2021 14:35	FAIRLESS_LAB_				83180 lb
Out 01/13/2021 15:03	FAIRLESS_LANE	B Donovan	86176	Tare	28160 lb
				Net	55020 lb
				Tons	27.51

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	27.51	Tons				NY

Total Tax
Total Ticket

Weighmaster: _____ Driver`s Signature_____



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.		Manifest Doc No.		2. Page 1 of 1	
3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101		Generator's Site Address (if different than mailing): MATACD EAST SIDE ACCESS 1A33 MTA MID-DAY STORAGE SUNNYSIDE YARD, QUEENS, NY 11101 County: QUEENS		A. Manifest Number WMNA		000006	
4. Generator's Phone 631-332-9526				B. State Generator's ID			
5. Transporter 1 Company Name Cuenca Coronel # 13		6. US EPA ID Number		C. State Transporter's ID		D. Transporter's Phone	
7. Transporter 2 Company Name AU 883 L		8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone	
9. Designated Facility Name and Site Address Fairless Landfills 1000 New Ford Mill Rd Morrisville, PA 19067		10. US EPA ID Number		G. State Facility ID		H. State Facility Phone	
11. Description of Waste Materials		12. Containers		13. Total Quantity		14. Unit Wt./Vol.	
a. NON-HAZARDOUS SEWAGE IMPACTED SOILS Yard to Northern Blvd WM Profile # 489225PAE		No. Type		Quantity		I. Misc. Comments	
b. WM Profile #							
c. WM Profile #							
d. WM Profile #							
J. Additional Descriptions for Materials Listed Above		K. Disposal Location		Cell		Level	
BILL TO: ENVIRONMENTAL WASTE MINIMIZATION, INC.		Grid					
15. Special Handling Instructions and Additional Information							
Purchase Order #				EMERGENCY CONTACT / PHONE NO.:			
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.							
Printed Name Temer Lhundu		Signature "On behalf of" MTA-ESA		Month		Day Year	
				01		13 21	
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed Name Rolando Jimenez		Signature		Month Day Year	
						1 13 21	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed Name		Signature		Month Day Year	
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.							
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.							
Printed Name		Signature		Month		Day Year	
				1		13 21	
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY				Blue- GENERATOR #2 COPY		Yellow- GENERATOR #1 COPY	
Pink- FACILITY USE ONLY				Gold- TRANSPORTER #1 COPY			



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

Reprint
Ticket# 1105505
Ph: 2157361700

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

Tkt Date 01/13/2021	Vehicle# 47	Volume
Pay Type Credit Account	Trailer#	
Billing# 0000926	License#	
Acc Tons 170.46	Driver	
Man Tk#	Haul Tk#	
PO# 111672	Dest	

Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI	Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT
EPA ID NA	Waste # 506
Manifest 000007	Origin #/County NY/NEW YORK (State of),NY
Route	Origin Name NEW YORK
	Grid F3 01-13-21

Time	Scale-Cert Date	Operator	Operation Inbound	Type-Inbound Gross	
In 01/13/2021 14:36	FAIRLESS_LAB_			Tare	82960 lb
Out 01/13/2021 15:02	FAIRLESS_LANE	B Donovan	86176	Net	28640 lb
				Tons	54320 lb
					27.16

Comments

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

Total Tax
Total Ticket

Weighmaster: _____ Driver`s Signature_____



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1
3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101		Generator's Site Address (if different than mailing): MATACD EAST SIDE ACCESS 00233 MTA MID-DAY STORAGE SUNNYSIDE YARD, QUEENS, NY 11101 County: QUEENS		A. Manifest Number WMNA 000007
4. Generator's Phone 631-332-9526		B. State Generator's ID		
5. Transporter 1 Company Name Crown Control Trucks		6. US EPA ID Number	C. State Transporter's ID	
7. Transporter 2 Company Name 47-AS211A		8. US EPA ID Number	D. Transporter's Phone	
9. Designated Facility Name and Site Address Fairless Landfills 1000 New Ford Mill Rd Morrisville, PA 19067		10. US EPA ID Number	E. State Transporter's ID	
			F. Transporter's Phone	
			G. State Facility ID	
			H. State Facility Phone	
11. Description of Waste Materials		12. Containers No. Type	13. Total Quantity	14. Unit Wt./Vol.
a. NON-HAZARDOUS SEWAGE IMPACTED SOILS led to northern Blvd		001 DT	5000	1
WM Profile # 489225PAE				
b.				
WM Profile #				
c.				
WM Profile #				
d.				
WM Profile #				
J. Additional Descriptions for Materials Listed Above		K. Disposal Location		
BILL TO: ENVIRONMENTAL WASTE MINIMIZATION, INC.		Cell	Level	
		Grid		
15. Special Handling Instructions and Additional Information				
Purchase Order # EMERGENCY CONTACT / PHONE NO.:				
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.				
Printed Name Tenzin Lhundub		Signature "On behalf of"	Month 01	Day 13
			Year 21	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature	Month 1	Day 13
Printed Name And Almaguer			Year 21	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature	Month	Day
Printed Name			Year	
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.				
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.				
Printed Name		Signature	Month 1	Day 13
			Year 21	
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Pink- FACILITY USE ONLY Blue- GENERATOR #2 COPY Gold- TRANSPORTER #1 COPY Yellow- GENERATOR #1 COPY				



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

Reprint
Ticket# 1105515
Ph: 2157361700

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

Tkt Date 01/13/2021	Vehicle# 4	Volume
Pay Type Credit Account	Trailer#	
Billing# 0000926	License# AU111V	
Acc Tons 248.79	Driver	
Man Tk#	Haul Tk#	
PO# 111672	Dest	

Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI	Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT
EPA ID NA	Waste # 506
Manifest 000008	Origin #/County NY/NEW YORK (State of),NY
Route	Origin Name NEW YORK
	Grid F3 01-13-21

Time	Scale-Cert Date	Operator	Operation Inbound	Type-Inbound Gross	
In 01/13/2021 14:43	FAIRLESS_LAB_			Tare	80220 lb
Out 01/13/2021 15:04	FAIRLESS_LANE	B Donovan 86176		Net	28000 lb
				Tons	52220 lb
					26.11

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T 100		26.11	Tons				NY

Total Tax
Total Ticket

Weighmaster: _____ Driver`s Signature_____



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.		Manifest Doc No.		2. Page 1 of 1	
3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101		Generator's Site Address (if different than mailing): MATACD EAST SIDE ACCESS 10033 MTA MID-DAY STORAGE SUNNYSIDE YARD, QUEENS, NY 11101 County: QUEENS		A. Manifest Number WMNA		000008	
4. Generator's Phone 631-332-9526				B. State Generator's ID			
5. Transporter 1 Company Name Greena AVE 111V		6. US EPA ID Number		C. State Transporter's ID AV111 V414		D. Transporter's Phone	
7. Transporter 2 Company Name		8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone	
9. Designated Facility Name and Site Address Fairless Landfills 1000 New Ford Mill Rd Morrisville, PA 19067		10. US EPA ID Number		G. State Facility ID		H. State Facility Phone	
11. Description of Waste Materials		12. Containers		13. Total Quantity		14. Unit Wt./Vol.	
a. NON-HAZARDOUS SEWAGE IMPACTED SOILS Yard to Northern Blvd WM Profile # 489225PAE		No. Type		001			
b. WM Profile #							
c. WM Profile #							
d. WM Profile #							
J. Additional Descriptions for Materials Listed Above		K. Disposal Location		Cell		Level	
BILL TO: ENVIRONMENTAL WASTE MINIMIZATION, INC.		Grid					
15. Special Handling Instructions and Additional Information							
Purchase Order #				EMERGENCY CONTACT / PHONE NO.:			
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.							
Printed Name Teriza Lhondur		Signature "On behalf of" [Signature]		Month 01		Day 13	
				Year 21			
17. Transporter 1 Acknowledgement of Receipt of Materials							
Printed Name John Solozgarn		Signature [Signature]		Month 01		Day 13	
				Year 21			
18. Transporter 2 Acknowledgement of Receipt of Materials							
Printed Name		Signature		Month		Day	
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.							
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.							
Printed Name [Signature]		Signature [Signature]		Month 01		Day 13	
				Year 21			
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY		Blue- GENERATOR #2 COPY		Yellow- GENERATOR #1 COPY			
Pink- FACILITY USE ONLY		Gold- TRANSPORTER #1 COPY					



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

Reprint
Ticket# 1105518
Ph: 2157361700

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

Tkt Date 01/13/2021	Vehicle# 65	Volume
Pay Type Credit Account	Trailer#	
Billing# 0000926	License# AS469U	
Acc Tons 248.79	Driver	
Man Tk#	Haul Tk#	
PO# 111672	Dest	

Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI	Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT
EPA ID NA	Waste # 506
Manifest 000009	Origin #/County NY/NEW YORK (State of),NY
Route	Origin Name NEW YORK
	Grid F3 01-13-21

Time	Scale-Cert Date	Operator	Operation Inbound	Type-Inbound Gross	
In 01/13/2021 14:45	FAIRLESS_LAB_			Tare	80760 lb
Out 01/13/2021 15:05	FAIRLESS_LANE	B Donovan	86176	Net	27620 lb
				Tons	53140 lb
					26.57

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	26.57	Tons				NY

Total Tax
Total Ticket

Weighmaster: _____ Driver`s Signature_____



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.	Manifest Doc No.		2. Page 1 of	
3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101		Generator's Site Address (if different than mailing): MATACD EAST SIDE ACCESS <i>10033</i> MTA MID-DAY STORAGE SUNNYSIDE YARD, QUEENS, NY 11101 County: QUEENS		A. Manifest Number WMNA 000009		
4. Generator's Phone 631-332-9526		B. State Generator's ID				
5. Transporter 1 Company Name <i>Cuenca Coroneal</i>		6. US EPA ID Number		C. State Transporter's ID		
7. Transporter 2 Company Name <i>AS 4694 #65</i>		8. US EPA ID Number		D. Transporter's Phone		
9. Designated Facility Name and Site Address Fairless Landfills 1000 New Ford Mill Rd Morrisville, PA 19067		10. US EPA ID Number		E. State Transporter's ID		
				F. Transporter's Phone		
				G. State Facility ID		
				H. State Facility Phone		
11. Description of Waste Materials		12. Containers		13. Total Quantity		
a. NON-HAZARDOUS SEWAGE IMPACTED SOILS <i>Yard to MTA Station Blvd</i>		No. Type		14. Unit Wt./Vol.		
WM Profile # 489225PAE		001		I. Misc. Comments		
b. WM Profile #						
c. WM Profile #						
d. WM Profile #						
J. Additional Descriptions for Materials Listed Above		K. Disposal Location				
BILL TO: ENVIRONMENTAL WASTE MINIMIZATION, INC.		Cell		Level		
15. Special Handling Instructions and Additional Information		Grid				
Purchase Order #		EMERGENCY CONTACT / PHONE NO.:				
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.						
Printed Name <i>Tenzin Chundok</i>		Signature "On behalf of" <i>[Signature] MTA-ESA</i>		Month Day Year <i>01 13 21</i>		
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed Name <i>PAUL CRESPO</i>		Signature <i>[Signature]</i>		
				Month Day Year <i>1 13 21</i>		
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed Name		Signature		
				Month Day Year		
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.						
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.						
Printed Name <i>[Signature]</i>		Signature <i>[Signature]</i>		Month Day Year <i>1 13 21</i>		

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY
Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY
Yellow- GENERATOR #1 COPY



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

Reprint
Ticket# 1105521
Ph: 2157361700

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

Tkt Date	01/13/2021	Vehicle#	05	Volume
Pay Type	Credit Account	Trailer#		
Billing#	0000926	License#	au926u	
Acc Tons	248.79	Driver		
Man Tk#		Haul Tk#		
PO#	111672	Dest		

Generator	132-MTACDEASTSIDEACCESS MTACD EAST SI	Profile#	489225PAE (NON-HAZARDOUS SEWER-IMPACT
EPA ID	NA	Waste #	506
Manifest	000010	Origin #/County	NY/NEW YORK (State of),NY
Route		Origin Name	NEW YORK
		Grid	F3 01-13-21

Time	Scale-Cert	Date	Operator	Operation	Type-Inbound	
In 01/13/2021 14:47	FAIRLESS_LAB_			Inbound	Gross	79200 lb
Out 01/13/2021 15:06	FAIRLESS_LANE	B Donovan	86176		Tare	27900 lb
					Net	51300 lb
					Tons	25.65

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	25.65	Tons				NY

Total Tax
Total Ticket

Weighmaster: _____ Driver`s Signature_____



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.		Manifest Doc No.		2. Page 1 of	
3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101		4. Generator's Phone 631-332-9526		Generator's Site Address (If different than mailing): MATA CD EAST SIDE ACCESS 0033 MTA MID-DAY STORAGE SUNNYSIDE YARD, QUEENS, NY 11101 County: QUEENS		A. Manifest Number WMNA 000010	
5. Transporter 1 Company Name CUEMIA CORONEL		6. US EPA ID Number H. J. 850		C. State Transporter's ID		B. State Generator's ID	
7. Transporter 2 Company Name #05 00260 H.J.		8. US EPA ID Number		D. Transporter's Phone		E. State Transporter's ID	
9. Designated Facility Name and Site Address Fairless Landfills 1000 New Ford Mill Rd Morrisville, PA 19067		10. US EPA ID Number		F. Transporter's Phone		G. State Facility ID	
11. Description of Waste Materials		12. Containers		13. Total Quantity		14. Unit Wt./Vol.	
a. NON-HAZARDOUS SEWAGE IMPACTED SOILS found to northern Blvd WM Profile # 489225PAE		No. Type		Quantity		I. Misc. Comments	
b. WM Profile #							
c. WM Profile #							
d. WM Profile #							
J. Additional Descriptions for Materials Listed Above		K. Disposal Location		Cell		Level	
BILL TO: ENVIRONMENTAL WASTE MINIMIZATION, INC.		Grid					
15. Special Handling Instructions and Additional Information							
Purchase Order #				EMERGENCY CONTACT / PHONE NO.:			
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.							
Printed Name Tinzin Lhondo		Signature "On behalf of" MTA-ESA		Month 01		Day 13	
				Year 21			
17. Transporter 1 Acknowledgement of Receipt of Materials							
Printed Name EDISON RIVAREZ		Signature E. RIVAREZ		Month 01		Day 13	
				Year 21			
18. Transporter 2 Acknowledgement of Receipt of Materials							
Printed Name		Signature		Month		Day	
				Year			
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.							
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.							
Printed Name		Signature		Month 1		Day 13	
				Year 21			
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY				Blue- GENERATOR #2 COPY		Yellow- GENERATOR #1 COPY	
Pink- FACILITY USE ONLY				Gold- TRANSPORTER #1 COPY			



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

Reprint
Ticket# 1105987
Ph: 2157361700

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

Tkt Date 01/14/2021	Vehicle# 13	Volume
Pay Type Credit Account	Trailer#	
Billing# 0000926	License# AU883L	
Acc Tons 24.56	Driver	
Man Tk#	Haul Tk#	
PO# 111672	Dest	

Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI	Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT
EPA ID NA	Waste # 506
Manifest 000011	Origin #/County NY/NEW YORK (State of),NY
Route	Origin Name NEW YORK
	Grid F3 01-14-21

Time	Scale-Cert Date	Operator	Operation Inbound	Type-Inbound Gross	
In 01/14/2021 08:53	FAIRLESS_LAB_			Tare	77480 lb
Out 01/14/2021 10:10	FAIRLESS_LANE B	Donovan 86176		Net	28360 lb
				Tons	49120 lb
					24.56

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	24.56	Tons				NY

Total Tax
Total Ticket

Weighmaster: _____ Driver`s Signature_____



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.		Manifest Doc No.		2. Page 1 of 1	
3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101		Generator's Site Address (if different than mailing): MATACD EAST SIDE ACCESS <i>CQ033</i> MTA MID-DAY STORAGE SUNNYSIDE YARD, QUEENS, NY 11101 County: QUEENS		A. Manifest Number WMNA		000011	
4. Generator's Phone 631-332-9526				B. State Generator's ID			
5. Transporter 1 Company Name <i>Cuenca Gronel #13</i>		6. US EPA ID Number		C. State Transporter's ID			
7. Transporter 2 Company Name <i>AV 883 L</i>		8. US EPA ID Number		D. Transporter's Phone			
9. Designated Facility Name and Site Address <i>Fairless Landfills</i> 1000 New Ford Mill Rd Morrisville, PA 19067		10. US EPA ID Number		E. State Transporter's ID			
				F. Transporter's Phone			
				G. State Facility ID			
				H. State Facility Phone			
11. Description of Waste Materials		12. Containers		13. Total Quantity		14. Unit Wt./Vol.	
a. NON-HAZARDOUS SEWAGE IMPACTED SOILS <i>Ward to Northern Blvd</i> WM Profile # 489225PAE		No. Type		Quantity		I. Misc. Comments	
		001					
b. WM Profile #							
c. WM Profile #							
d. WM Profile #							
J. Additional Descriptions for Materials Listed Above		K. Disposal Location		Cell		Level	
BILL TO: ENVIRONMENTAL WASTE MINIMIZATION, INC.				Grid			
15. Special Handling Instructions and Additional Information							
Purchase Order #		EMERGENCY CONTACT / PHONE NO.:					
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.		Printed Name <i>Tenzin Lundup</i>		Signature "On behalf of" <i>[Signature]</i> MTA-ESA		Month Day Year 1 14 21	
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed Name <i>Rolando Jimenez</i>		Signature <i>[Signature]</i>		Month Day Year 1 14 21	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed Name		Signature		Month Day Year	
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.							
20. Facility Owner or Operator Certification of receipt of non-hazardous materials covered by this manifest.		Printed Name <i>[Signature]</i>		Signature <i>[Signature]</i>		Month Day Year 1 14 21	

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY
Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY
Yellow- GENERATOR #1 COPY



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

Reprint
Ticket# 1106018
Ph: 2157361700

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

Tkt Date 01/14/2021	Vehicle# 4	Volume
Pay Type Credit Account	Trailer#	
Billing# 0000926	License# AU111V	
Acc Tons 124.80	Driver	
Man Tk#	Haul Tk#	
PO# 111672	Dest	

Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI	Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT
EPA ID NA	Waste # 506
Manifest 000013	Origin #/County NY/NEW YORK (State of),NY
Route	Origin Name NEW YORK
	Grid F3 01-14-21

Time	Scale-Cert Date	Operator	Operation Inbound	Type-Inbound Gross	
In 01/14/2021 09:10	FAIRLESS_LAB_			Tare	79600 lb
Out 01/14/2021 10:16	FAIRLESS_LANE	B Donovan	86176	Net	28200 lb
				Tons	51400 lb
					25.70

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	25.70	Tons				NY

Total Tax
Total Ticket

Weighmaster: _____ Driver`s Signature_____



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.		Manifest Doc No.		2. Page 1 of 1	
3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5TH FL LONG ISLAND CITY, 11101		Generator's Site Address (If different than mailing): MATACD EAST SIDE ACCESS MTA MID-DAY STORAGE 10033 SUNNYSIDE YARD, QUEENS, NY 11101 County: QUEENS		A. Manifest Number WMNA		000013	
4. Generator's Phone 631-332-9526				B. State Generator's ID			
5. Transporter 1 Company Name Cuenca Coronal Trucking		6. US EPA ID Number		C. State Transporter's ID AD111V #4		D. Transporter's Phone	
7. Transporter 2 Company Name AD111V #4		8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone	
9. Designated Facility Name and Site Address Fairless Landfills 1000 New Ford Mill Rd Morrisville, PA 19067		10. US EPA ID Number		G. State Facility ID		H. State Facility Phone	
11. Description of Waste Materials		12. Containers		13. Total Quantity		14. Unit Wt./Vol.	
a. NON-HAZARDOUS SEWAGE IMPACTED SOILS Yard off Northern Blvd		No. Type		Quantity		I. Misc. Comments	
WM Profile # 489225PAE		001 07		1000			
b.							
WM Profile #							
c.							
WM Profile #							
d.							
WM Profile #							
J. Additional Descriptions for Materials Listed Above		K. Disposal Location		Cell		Level	
BILL TO: ENVIRONMENTAL WASTE MINIMIZATION, INC.		Grid					
15. Special Handling Instructions and Additional Information							
Purchase Order #				EMERGENCY CONTACT / PHONE NO.:			
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.							
Printed Name Tenzin Lundup		Signature "On behalf of" MTA-ESA		Month 1		Day 14	
				Year 21			
17. Transporter 1 Acknowledgement of Receipt of Materials							
Printed Name John Golorzano		Signature John Golorzano		Month 01		Day 14	
				Year 21			
18. Transporter 2 Acknowledgement of Receipt of Materials							
Printed Name		Signature		Month		Day	
				Year			
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.							
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.							
Printed Name		Signature		Month 1		Day 14	
				Year 21			

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY
Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY
Yellow- GENERATOR #1 COPY



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

Reprint
Ticket# 1106023
Ph: 2157361700

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

Tkt Date	01/14/2021	Vehicle#	05	Volume
Pay Type	Credit Account	Trailer#		
Billing#	0000926	License#	au926u	
Acc Tons	124.80	Driver		
Man Tk#		Haul Tk#		
PO#	111672	Dest		

Generator	132-MTACDEASTSIDEACCESS MTACD EAST SI	Profile#	489225PAE (NON-HAZARDOUS SEWER-IMPACT
EPA ID	NA	Waste #	506
Manifest	000014	Origin #/County	NY/NEW YORK (State of),NY
Route		Origin Name	NEW YORK
		Grid	F3 01-14-21

Time	Scale-Cert	Date	Operator	Operation	Type-Inbound	
In 01/14/2021 09:12	FAIRLESS_LAB_			Inbound	Gross	79240 lb
Out 01/14/2021 10:17	FAIRLESS_LANE	B Donovan	86176		Tare	28140 lb
					Net	51100 lb
					Tons	25.55

Comments License: ., AK, Owner: ., Address: . ., AK, .. Phone: ..

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	25.55	Tons				NY

Total Tax
Total Ticket

Weighmaster: _____ Driver`s Signature_____



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.		Manifest Doc No.		2. Page 1 of	
3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101				Generator's Site Address (if different than mailing): MATACD EAST SIDE ACCESS MTA MID-DAY STORAGE <i>CA 033</i> SUNNYSIDE YARD, QUEENS, NY 11101 County: QUEENS		A. Manifest Number WMNA 000014	
4. Generator's Phone 631-332-9526				B. State Generator's ID			
5. Transporter 1 Company Name <i>CUEMCA CORONEL</i>		6. US EPA ID Number <i>H.J. 850</i>		C. State Transporter's ID			
7. Transporter 2 Company Name <i>#05 AU4260 H.J.</i>		8. US EPA ID Number		D. Transporter's Phone			
9. Designated Facility Name and Site Address <i>Farless Landfills</i> 1000 New Ford Mill Rd Morrisville, PA 19067		10. US EPA ID Number		E. State Transporter's ID			
				F. Transporter's Phone			
				G. State Facility ID			
				H. State Facility Phone			
11. Description of Waste Materials				12. Containers		13. Total Quantity	
a. NON-HAZARDOUS SEWAGE IMPACTED SOILS <i>York To Northern Blvd</i>				No. Type		14. Unit Wt./Vol.	
WM Profile # 489225PAE				001 DT		1. Misc. Comments	
b. WM Profile #							
c. WM Profile #							
d. WM Profile #							
J. Additional Descriptions for Materials Listed Above				K. Disposal Location			
BILL TO: ENVIRONMENTAL WASTE MINIMIZATION, INC.				Cell Level			
15. Special Handling Instructions and Additional Information				Grid			
Purchase Order #				EMERGENCY CONTACT / PHONE NO.:			
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.							
Printed Name <i>Tenzin Chundup</i>				Signature "On behalf of" <i>MTA-ESA</i>		Month Day Year 1 14 21	
17. Transporter 1 Acknowledgement of Receipt of Materials							
Printed Name <i>EDISON ALVAREZ</i>				Signature <i>E. ALVAREZ</i>		Month Day Year 01 14 21	
18. Transporter 2 Acknowledgement of Receipt of Materials							
Printed Name				Signature		Month Day Year	
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.							
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.							
Printed Name <i>[Signature]</i>				Signature <i>[Signature]</i>		Month Day Year 1 14 21	

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY
Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY
Yellow- GENERATOR #1 COPY



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

Reprint
Ticket# 1105989
Ph: 2157361700

Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING
14 BRICK KILN CT
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
Trailer#
License#
Driver
Haul Tk#
Dest

Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT
EPA ID NA Waste # 506
Manifest 000012 Origin #/County NY/NEW YORK (State of),NY
Route Origin Name NEW YORK
Grid F3 01-14-21

Time	Scale-Cert Date	Operator	Operation Inbound	Type-Inbound Gross	79120 lb
In 01/14/2021 08:55	FAIRLESS_LAB_			Tare	28900 lb
Out 01/14/2021 10:19	FAIRLESS_LANE	B Donovan 86176		Net	50220 lb
				Tons	25.11

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T 100		25.11	Tons				NY

Total Tax
Total Ticket

Weighmaster: _____ Driver`s Signature_____



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.		Manifest Doc No.		2. Page 1 of 1	
3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101		Generator's Site Address (if different than mailing): MATACD EAST SIDE ACCESS <i>00033</i> MTA MID-DAY STORAGE SUNNYSIDE YARD, QUEENS, NY 11101 County: QUEENS		A. Manifest Number WMNA		000012	
4. Generator's Phone 631-332-9526				B. State Generator's ID			
5. Transporter 1 Company Name <i>James Coroneo Teran's</i>		6. US EPA ID Number		C. State Transporter's ID			
7. Transporter 2 Company Name <i>47-AS211A</i>		8. US EPA ID Number		D. Transporter's Phone			
9. Designated Facility Name and Site Address Fairless Landfills 1000 New Ford Mill Rd Morrisville, PA 19067		10. US EPA ID Number		E. State Transporter's ID			
				F. Transporter's Phone			
				G. State Facility ID			
				H. State Facility Phone			
11. Description of Waste Materials		12. Containers		13. Total Quantity		14. Unit Wt./Vol.	
a. NON-HAZARDOUS SEWAGE IMPACTED SOILS <i>Yard To Northern Blvd</i>		No. Type				I. Misc. Comments	
WM Profile # 489225PAE		001 DT					
b. WM Profile #							
c. WM Profile #							
d. WM Profile #							
J. Additional Descriptions for Materials Listed Above		K. Disposal Location					
BILL TO: ENVIRONMENTAL WASTE MINIMIZATION, INC.		Cell		Level			
15. Special Handling Instructions and Additional Information		Grid					
Purchase Order #		EMERGENCY CONTACT / PHONE NO.:					
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.		Printed Name <i>Teran's</i>		Signature "On behalf of" <i>MTA-ESA</i>		Month Day Year 1 14 21	
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed Name <i>And almaguer</i>		Signature <i>[Signature]</i>		Month Day Year 1 14 21	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed Name		Signature		Month Day Year	
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.							
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.		Printed Name <i>[Signature]</i>		Signature <i>[Signature]</i>		Month Day Year 1 14 21	

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Blue- GENERATOR #2 COPY

Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY

Gold- TRANSPORTER #1 COPY



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

Reprint
Ticket# 1106027
Ph: 2157361700

Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING
14 BRICK KILN CT
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
Trailer#
License# AS467U
Driver
Haul Tk#
Dest

Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT
EPA ID NA Waste # 506
Manifest 000015 Origin #/County NY/NEW YORK (State of),NY
Route Origin Name NEW YORK
Grid F3 01-14-21

Time	Scale-Cert Date	Operator	Operation Inbound	Type-Inbound Gross	
In 01/14/2021 09:14	FAIRLESS_LAB_				75580 lb
Out 01/14/2021 10:18	FAIRLESS_LANE	B Donovan	86176	Tare	27820 lb
				Net	47760 lb
				Tons	23.88

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	23.88	Tons				NY

Total Tax
Total Ticket

Weighmaster: _____ Driver`s Signature_____



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.		Manifest Doc No.		2. Page 1 of 1		
3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101				Generator's Site Address (if different than mailing): MATACD EAST SIDE ACCESS MTA MID-DAY STORAGE <i>CA033</i> SUNNYSIDE YARD, QUEENS, NY 11101 County: QUEENS		A. Manifest Number WMNA 000015		
4. Generator's Phone 631-332-9526						B. State Generator's ID		
5. Transporter 1 Company Name <i>VENGA CORP</i>				6. US EPA ID Number <i>NY-850</i>		C. State Transporter's ID		
						D. Transporter's Phone		
7. Transporter 2 Company Name <i>ASL 4670 #63</i>				8. US EPA ID Number		E. State Transporter's ID		
						F. Transporter's Phone		
9. Designated Facility Name and Site Address Fairless Landfills 1000 New Ford Mill Rd Morrisville, PA 19067				10. US EPA ID Number		G. State Facility ID		
						H. State Facility Phone		
GENERATOR	11. Description of Waste Materials			12. Containers		13. Total Quantity		
				No. Type		14. Unit Wt./Vol.		
	a. NON-HAZARDOUS SEWAGE IMPACTED SOILS <i>And 75 Northern Blvd</i>			001 DT		15. Misc. Comments		
	WM Profile # 489225PAE							
	b.							
	WM Profile #							
	c.							
	WM Profile #							
	d.							
	WM Profile #							
J. Additional Descriptions for Materials Listed Above				K. Disposal Location				
BILL TO: ENVIRONMENTAL WASTE MINIMIZATION, INC.				Cell				
				Grid				
15. Special Handling Instructions and Additional Information								
Purchase Order #				EMERGENCY CONTACT / PHONE NO.:				
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.								
Printed Name <i>Lenzin Chaudhry</i>				Signature "On behalf of" <i>[Signature]</i> MTA-ESA		Month Day Year <i>1 14 21</i>		
TRANSPORTER	17. Transporter 1 Acknowledgement of Receipt of Materials				Month Day Year		Month Day Year	
	Printed Name <i>Nelson Tama</i>				Signature <i>[Signature]</i>		<i>1 14 21</i>	
FACILITY	18. Transporter 2 Acknowledgement of Receipt of Materials				Month Day Year		Month Day Year	
	Printed Name				Signature			
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.								
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.								
Printed Name <i>[Signature]</i>				Signature <i>[Signature]</i>		Month Day Year <i>1 14 21</i>		
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY				Blue- GENERATOR #2 COPY		Yellow- GENERATOR #1 COPY		
Pink- FACILITY USE ONLY				Gold- TRANSPORTER #1 COPY				



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

Reprint
Ticket# 1106488
Ph: 2157361700

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

Tkt Date 01/14/2021
Pay Type Credit Account Chk#
Billing# 0000926
Acc Tons 171.65
Man Tk#
PO# 111672

Vehicle# 13
Trailer#
License# AU883L
Driver
Haul Tk#
Dest

Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT
EPA ID NA Waste # 506
Manifest 000016 Origin #/County NY/NEW YORK (State of),NY
Route Origin Name NEW YORK
Grid F3 01-14-21

Time	Scale-Cert Date	Operator	Operation Inbound	Type-Inbound Gross	
In 01/14/2021 14:30	FAIRLESS_LAB_	rburns			74960 lb
Out 01/14/2021 15:02	FAIRLESS_LANE	B Donovan	86176	Tare	28160 lb
				Net	46800 lb
				Tons	23.40

Comments License: , AK, Owner: , Address: , AK, . Phone: .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	23.40	Tons				NY

Total Tax
Total Ticket

Weighmaster: _____ Driver`s Signature_____



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.		Manifest Doc No.		2. Page 1 of 1	
3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101		Generator's Site Address (if different than mailing): MATACD EAST SIDE ACCESS MTA MID-DAY STORAGE SUNNYSIDE YARD, QUEENS, NY 11101 County: QUEENS		A. Manifest Number WMNA		000016	
4. Generator's Phone 631-332-9526				B. State Generator's ID			
5. Transporter 1 Company Name Cuenca Coronel #13		6. US EPA ID Number		C. State Transporter's ID		D. Transporter's Phone	
7. Transporter 2 Company Name AU 883 L		8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone	
9. Designated Facility Name and Site Address Fairless Landfills 1000 New Ford Mill Rd Morrisville, PA 19067		10. US EPA ID Number		G. State Facility ID		H. State Facility Phone	
11. Description of Waste Materials		12. Containers		13. Total Quantity		14. Unit Wt./Vol.	
a. NON-HAZARDOUS SEWAGE IMPACTED SOILS WM Profile # 489225PAE		No. Type		15. Misc. Comments			
b. WM Profile #							
c. WM Profile #							
d. WM Profile #							
J. Additional Descriptions for Materials Listed Above		K. Disposal Location		Cell		Level	
BILL TO: ENVIRONMENTAL WASTE MINIMIZATION, INC.		Grid					
15. Special Handling Instructions and Additional Information							
Purchase Order #				EMERGENCY CONTACT / PHONE NO.:			
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.							
Printed Name Teresa Lundberg		Signature "On behalf of"		Month		Day	
				1		14	
						21	
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed Name Rolando Jimenez		Signature		Month	
						7	
						14	
						21	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed Name		Signature		Month	
19. Certificate of Final Treatment/Disposal I certify on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.							
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.		Printed Name		Signature		Month	

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY

Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



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

Reprint
Ticket# 1106489
Ph: 2157361700

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

Tkt Date 01/14/2021	Vehicle# 47	Volume
Pay Type Credit Account	Trailer#	
Billing# 0000926	License#	
Acc Tons 171.65	Driver	
Man Tk#	Haul Tk#	
PO# 111672	Dest	

Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI	Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT
EPA ID NA	Waste # 506
Manifest 000017	Origin #/County NY/NEW YORK (State of),NY
Route	Origin Name NEW YORK
	Grid F3 01-14-21

Time	Scale-Cert Date	Operator	Operation Inbound	Type-Inbound Gross	
In 01/14/2021 14:32	FAIRLESS_LAB_	rburns		Tare	75520 lb
Out 01/14/2021 15:03	FAIRLESS_LANE	B Donovan	86176	Net	28620 lb
				Tons	46900 lb
					23.45

Comments License: as211a, AK, Owner: , Address: , AK, . Phone: .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T 100		23.45	Tons				NY

Total Tax
Total Ticket

Weighmaster: _____ Driver`s Signature_____



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.		Manifest Doc No.		2. Page 1 of 1	
3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101		Generator's Site Address (if different than mailing): MATACD EAST SIDE ACCESS MTA MID-DAY STORAGE <i>CD033</i> SUNNYSIDE YARD, QUEENS, NY 11101 County: QUEENS		A. Manifest Number WMNA		000017	
4. Generator's Phone 631-332-9526				B. State Generator's ID			
5. Transporter 1 Company Name <i>Cumma Environmental</i>		6. US EPA ID Number		C. State Transporter's ID		D. Transporter's Phone	
7. Transporter 2 Company Name <i>47-AS211A</i>		8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone	
9. Designated Facility Name and Site Address Fairless Landfills 1000 New Ford Mill Rd Morrisville, PA 19067		10. US EPA ID Number		G. State Facility ID		H. State Facility Phone	
11. Description of Waste Materials		12. Containers		13. Total Quantity		14. Unit Wt./Vol.	
a. NON-HAZARDOUS SEWAGE IMPACTED SOILS <i>Yard to Northern Blvd</i> WM Profile # 489225PAE		No. Type		15. Misc. Comments			
b. WM Profile #		001 DT					
c. WM Profile #							
d. WM Profile #							
J. Additional Descriptions for Materials Listed Above		K. Disposal Location		Cell		Level	
BILL TO: ENVIRONMENTAL WASTE MINIMIZATION, INC.		Grid					
15. Special Handling Instructions and Additional Information							
Purchase Order #				EMERGENCY CONTACT / PHONE NO.:			
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.							
Printed Name <i>Tenzin Khondog</i>		Signature "On behalf of" <i>[Signature]</i> MTA-CD		Month 1		Day 19	
				Year 21			
17. Transporter 1 Acknowledgement of Receipt of Materials							
Printed Name <i>Chris Amador</i>		Signature <i>[Signature]</i>		Month 1		Day 14	
				Year 21			
18. Transporter 2 Acknowledgement of Receipt of Materials							
Printed Name		Signature		Month		Day	
				Year			
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.							
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.							
Printed Name <i>[Signature]</i>		Signature <i>[Signature]</i>		Month 1		Day 14	
				Year 21			
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY				Blue- GENERATOR #2 COPY		Yellow- GENERATOR #1 COPY	
Pink- FACILITY USE ONLY				Gold- TRANSPORTER #1 COPY			



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

Reprint
Ticket# 1106500
Ph: 2157361700

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

Tkt Date 01/14/2021	Vehicle# 4	Volume
Pay Type Credit Account	Trailer#	
Billing# 0000926	License# AU111V	
Acc Tons 194.87	Driver	
Man Tk#	Haul Tk#	
PO# 111672	Dest	

Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI	Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT
EPA ID NA	Waste # 506
Manifest 000018	Origin #/County NY/NEW YORK (State of),NY
Route	Origin Name NEW YORK
	Grid F3 01-14-21

Time	Scale-Cert Date	Operator	Operation Inbound	Type-Inbound Gross	
In 01/14/2021 14:44	FAIRLESS_LAB_	rburns		Tare	74560 lb
Out 01/14/2021 15:13	FAIRLESS_LANE	B Donovan	86176	Net	28120 lb
				Tons	46440 lb
					23.22

Comments License: , AK, Owner: , Address: , AK, . Phone: .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	23.22	Tons				NY

Total Tax
Total Ticket

Weighmaster: _____ Driver`s Signature_____



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.		Manifest Doc No.		2. Page 1 of 1	
3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101				Generator's Site Address (if different than mailing): MATA CD EAST SIDE ACCESS MTA MID-DAY STORAGE <i>10033</i> SUNNYSIDE YARD, QUEENS, NY 11101 County: QUEENS		A. Manifest Number WMNA 000018	
4. Generator's Phone 631-332-9526				B. State Generator's ID			
5. Transporter 1 Company Name <i>Ciencia Coastal Trucking</i>				6. US EPA ID Number		C. State Transporter's ID	
7. Transporter 2 Company Name <i>AVIATE #24</i>				8. US EPA ID Number		D. Transporter's Phone	
9. Designated Facility Name and Site Address Fairless Landfills 1000 New Ford Mill Rd Morrisville, PA 19067				10. US EPA ID Number		E. State Transporter's ID	
						F. Transporter's Phone	
						G. State Facility ID	
						H. State Facility Phone	
11. Description of Waste Materials				12. Containers		13. Total Quantity	
				No. Type		14. Unit Wt./Vol.	
a. NON-HAZARDOUS SEWAGE IMPACTED SOILS <i>Lead to Nulken Blvd</i>				001 DT		ESP 21	
WM Profile # 489225PAE							
b.							
WM Profile #							
c.							
WM Profile #							
d.							
WM Profile #							
J. Additional Descriptions for Materials Listed Above				K. Disposal Location			
BILL TO: ENVIRONMENTAL WASTE MINIMIZATION, INC.				Cell		Level	
				Grid			
15. Special Handling Instructions and Additional Information							
Purchase Order #							
EMERGENCY CONTACT / PHONE NO.:							
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.							
Printed Name <i>Tenzin Lhundup</i>				Signature "On behalf of" <i>[Signature]</i> MTA-ESA		Month Day Year 1 14 21	
17. Transporter 1 Acknowledgement of Receipt of Materials							
Printed Name <i>John Solorzano</i>				Signature <i>[Signature]</i>		Month Day Year 01 14 2021	
18. Transporter 2 Acknowledgement of Receipt of Materials							
Printed Name				Signature		Month Day Year	
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.							
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.							
Printed Name <i>[Signature]</i>				Signature <i>[Signature]</i>		Month Day Year 1 14 21	

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY

Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



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

Reprint
Ticket# 1106505
Ph: 2157361700

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

Tkt Date	01/14/2021	Vehicle#	05	Volume
Pay Type	Credit Account	Trailer#		
Billing#	0000926	License#	au926u	
Acc Tons	236.38	Driver		
Man Tk#		Haul Tk#		
PO#	111672	Dest		

Generator	132-MTACDEASTSIDEACCESS MTACD EAST SI	Profile#	489225PAE (NON-HAZARDOUS SEWER-IMPACT
EPA ID	NA	Waste #	506
Manifest	000019	Origin #/County	NY/NEW YORK (State of),NY
Route		Origin Name	NEW YORK
		Grid	F3 01-14-21

Time	Scale-Cert	Date	Operator	Operation	Type-Inbound	
In 01/14/2021 14:46	FAIRLESS_LAB_	rburns		Inbound	Gross	73100 lb
Out 01/14/2021 15:14	FAIRLESS_LANE	B Donovan	86176		Tare	27980 lb
					Net	45120 lb
					Tons	22.56

Comments

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

Total Tax
Total Ticket

Weighmaster: _____ Driver`s Signature_____



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.		Manifest Doc No.		2. Page 1 of 1	
3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101		Generator's Site Address (if different than mailing): MATACD EAST SIDE ACCESS MTA MID-DAY STORAGE <i>C0033</i> SUNNYSIDE YARD, QUEENS, NY 11101 County: QUEENS		A. Manifest Number WMNA		000019	
4. Generator's Phone 631-332-9526				B. State Generator's ID			
5. Transporter 1 Company Name <i>CUEHCA CORONEL</i>		6. US EPA ID Number <i>H.J. 850</i>		C. State Transporter's ID			
7. Transporter 2 Company Name <i>#05 AU926U/H-J</i>		8. US EPA ID Number		D. Transporter's Phone			
9. Designated Facility Name and Site Address Fairless Landfills 1000 New Ford Mill Rd Morrisville, PA 19067		10. US EPA ID Number		E. State Transporter's ID			
				F. Transporter's Phone			
				G. State Facility ID			
				H. State Facility Phone			
11. Description of Waste Materials		12. Containers		13. Total Quantity		14. Unit Wt./Vol.	
a. NON-HAZARDOUS SEWAGE IMPACTED SOILS <i>Yard to Northern Blvd</i>		No. Type		Quantity		I. Misc. Comments	
WM Profile # 489225PAE		001 DT		15.00			
b. WM Profile #							
c. WM Profile #							
d. WM Profile #							
J. Additional Descriptions for Materials Listed Above		K. Disposal Location		Cell		Level	
BILL TO: ENVIRONMENTAL WASTE MINIMIZATION, INC.				Grid			
15. Special Handling Instructions and Additional Information							
Purchase Order #		EMERGENCY CONTACT / PHONE NO.:					
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.		Printed Name <i>Tenzin Chundup</i>		Signature "On behalf of" <i>[Signature]</i> MTA-ESA		Month Day Year 1 14 21	
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed Name <i>EDISON ALVAREZ</i>		Signature <i>E. ALVAREZ</i>		Month Day Year 01 14 21	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed Name		Signature		Month Day Year	
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.							
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.		Printed Name		Signature		Month Day Year 1 14 21	

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY
Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY
Yellow- GENERATOR #1 COPY



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

Reprint
Ticket# 1106508
Ph: 2157361700

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

Tkt Date 01/14/2021
Pay Type Credit Account Chk#
Billing# 0000926
Acc Tons 236.38
Man Tk#
PO# 111672

Vehicle# 63
Trailer#
License# AS467U
Driver
Haul Tk#
Dest

Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT
EPA ID NA Waste # 506
Manifest 000020 Origin #/County NY/NEW YORK (State of),NY
Route Origin Name NEW YORK
Grid F3 01-14-21

Time	Scale-Cert Date	Operator	Operation Inbound	Type-Inbound Gross	
In 01/14/2021 14:48	FAIRLESS_LAB_	rburns		Tare	65520 lb
Out 01/14/2021 15:14	FAIRLESS_LANE	B Donovan	86176	Net	27620 lb
				Tons	37900 lb
					18.95

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	18.95	Tons				NY

Total Tax
Total Ticket

Weighmaster: _____ Driver`s Signature_____



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.	Manifest Doc No.		2. Page 1 of 1		
3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101		Generator's Site Address (if different than mailing): MATACD EAST SIDE ACCESS MTA MID-DAY STORAGE <i>CA033</i> SUNNYSIDE YARD, QUEENS, NY 11101 County: QUEENS		A. Manifest Number WMNA 000020			
4. Generator's Phone 631-332-9526		6. US EPA ID Number <i>NY-850</i>		B. State Generator's ID			
5. Transporter 1 Company Name <i>WENACORP</i>		8. US EPA ID Number		C. State Transporter's ID			
7. Transporter 2 Company Name <i>AS467U #63</i>		10. US EPA ID Number		D. Transporter's Phone			
9. Designated Facility Name and Site Address Fairless Landfills 1000 New Ford Mill Rd Morrisville, PA 19067				E. State Transporter's ID			
				F. Transporter's Phone			
				G. State Facility ID			
				H. State Facility Phone			
GENERATOR	11. Description of Waste Materials		12. Containers	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments	
	a. NON-HAZARDOUS SEWAGE IMPACTED SOILS <i>Ord to Northern Blvd</i>		No. 001 Type DT	EST 25	100 L		
	WM Profile # 489225PAE						
	b. WM Profile #						
	c. WM Profile #						
	d. WM Profile #						
J. Additional Descriptions for Materials Listed Above		K. Disposal Location					
BILL TO: ENVIRONMENTAL WASTE MINIMIZATION, INC.		Cell		Level			
		Grid					
15. Special Handling Instructions and Additional Information							
Purchase Order # _____ EMERGENCY CONTACT / PHONE NO.: _____							
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.							
Printed Name <i>Jenzin Chundur</i>		Signature "On behalf of"		Month 1	Day 14	Year 21	
TRANSPORTER	17. Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>Nelson Tama</i>		Month 1	Day 14	Year 21
	18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Month	Day	Year
FACILITY	19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.						
	20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.		Signature		Month 1	Day 14	Year 21

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Blue- GENERATOR #2 COPY

Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY

Gold- TRANSPORTER #1 COPY

OU-5 Construction Completion Report
Sunnyside Yard
Queens, New York

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



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-5
Project 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.

Authorized Signature:



Kelly Stenstrom

Title: Technical Director/Representative

Date: 02/19/19

ORGANICS

PCBS

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

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

SAMPLE RESULTS

Lab ID: L1905725-01
Client ID: MH-40_WATER
Sample Location: SUNNYSIDE YARD, QUEENS, NY

Date Collected: 02/13/19 09:00
Date Received: 02/13/19
Field Prep: Not Specified

Sample Depth:

Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 02/18/19 00:59
Analyst: AWS

Extraction Method: EPA 3510C
Extraction Date: 02/16/19 08:55
Cleanup Method: EPA 3665A
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	A
Aroclor 1232	ND		ug/l	0.083	0.038	1	A
Aroclor 1242	ND		ug/l	0.083	0.030	1	A
Aroclor 1248	ND		ug/l	0.083	0.038	1	A
Aroclor 1254	ND		ug/l	0.083	0.014	1	A
Aroclor 1260	0.092		ug/l	0.083	0.029	1	B
Aroclor 1262	ND		ug/l	0.083	0.028	1	A
Aroclor 1268	ND		ug/l	0.083	0.026	1	A
PCBs, Total	0.092		ug/l	0.083	0.013	1	B

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

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

Lab ID: L1905725-02 D
 Client ID: MH-40_SEDIMENT
 Sample Location: SUNNYSIDE YARD, QUEENS, NY

Date Collected: 02/13/19 09:05
 Date Received: 02/13/19
 Field Prep: Not Specified

Sample Depth:

Matrix: Soil
 Analytical Method: 1,8082A
 Analytical Date: 02/19/19 12:48
 Analyst: WR
 Percent Solids: 77%

Extraction Method: EPA 3546
 Extraction Date: 02/16/19 10:30
 Cleanup Method: EPA 3665A
 Cleanup Date: 02/17/19
 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/kg	83.1	7.38	2	A
Aroclor 1221	ND		ug/kg	83.1	8.33	2	A
Aroclor 1232	ND		ug/kg	83.1	17.6	2	A
Aroclor 1242	ND		ug/kg	83.1	11.2	2	A
Aroclor 1248	420		ug/kg	83.1	12.5	2	A
Aroclor 1254	804		ug/kg	83.1	9.10	2	A
Aroclor 1260	950		ug/kg	83.1	15.4	2	B
Aroclor 1262	ND		ug/kg	83.1	10.6	2	A
Aroclor 1268	ND		ug/kg	83.1	8.61	2	A
PCBs, Total	2170		ug/kg	83.1	7.38	2	B

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

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

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

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 02/18/19 12:36
Analyst: WR

Extraction Method: EPA 3546
Extraction Date: 02/16/19 01:16
Cleanup Method: EPA 3665A
Cleanup Date: 02/17/19
Cleanup Method: EPA 3660B
Cleanup Date: 02/17/19

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 02 Batch: WG1207306-1						
Aroclor 1016	ND		ug/kg	31.7	2.81	A
Aroclor 1221	ND		ug/kg	31.7	3.17	A
Aroclor 1232	ND		ug/kg	31.7	6.71	A
Aroclor 1242	ND		ug/kg	31.7	4.27	A
Aroclor 1248	ND		ug/kg	31.7	4.75	A
Aroclor 1254	ND		ug/kg	31.7	3.46	A
Aroclor 1260	ND		ug/kg	31.7	5.85	A
Aroclor 1262	ND		ug/kg	31.7	4.02	A
Aroclor 1268	ND		ug/kg	31.7	3.28	A
PCBs, Total	ND		ug/kg	31.7	2.81	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	82		30-150	B

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

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

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 02/18/19 00:20
Analyst: AWS

Extraction Method: EPA 3510C
Extraction Date: 02/16/19 08:55
Cleanup Method: EPA 3665A
Cleanup Date: 02/16/19
Cleanup Method: EPA 3660B
Cleanup Date: 02/17/19

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

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	108		30-150	B
Decachlorobiphenyl	104		30-150	B
2,4,5,6-Tetrachloro-m-xylene	107		30-150	A
Decachlorobiphenyl	91		30-150	A

Lab Control Sample Analysis

Batch Quality Control

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

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

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 02 Batch: WG1207306-2 WG1207306-3									
Aroclor 1016	67		67		40-140	0		50	A
Aroclor 1260	52		52		40-140	0		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	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

Project Name: AMTRAK OU-5

Project Number: 0055.0050Y008

Lab Number: L1905725

Report Date: 02/19/19

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01 Batch: WG1207373-2 WG1207373-3									
Aroclor 1016	95		95		40-140	1		50	A
Aroclor 1260	103		106		40-140	3		50	A

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

INORGANICS & MISCELLANEOUS

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

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

SAMPLE RESULTS

Lab ID: L1905725-02
Client ID: MH-40_SEDIMENT
Sample Location: SUNNYSIDE YARD, QUEENS, NY

Date Collected: 02/13/19 09:05
Date Received: 02/13/19
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	76.8		%	0.100	NA	1	-	02/14/19 11:18	121,2540G	RI



Lab Duplicate Analysis
*Batch Quality Control***Project Name:** AMTRAK OU-5**Project Number:** 0055.0050Y008**Lab Number:** L1905725**Report Date:** 02/19/19

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated 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 ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L1905725-01A	Amber 1000ml unpreserved	A	7	7	5.4	Y	Absent		NYTCL-8082-1200ML(7)
L1905725-01B	Amber 1000ml unpreserved	A	7	7	5.4	Y	Absent		NYTCL-8082-1200ML(7)
L1905725-02A	Glass 250ml/8oz unpreserved	A	NA		5.4	Y	Absent		TS(7),NYTCL-8082(14)

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

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

GLOSSARY

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

- 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 Water-preserved 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-5
Project 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 concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- 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-5
Project 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.



Alpha Analytical, Inc.Facility: **Company-wide**Department: **Quality Assurance**Title: **Certificate/Approval Program Summary**ID No.: **17873**

Revision 12

Published Date: 10/9/2018 4:58:19 PM

Page 1 of 1

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:** NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), Methyl methacrylate, 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.**EPA 8270D:** NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.**EPA 6860:** SCM: Perchlorate**SM4500:** NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.**Mansfield Facility****SM 2540D:** TSS**EPA 8082A:** NPW: 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.

 NEW YORK CHAIN OF CUSTODY Westborough, MA 01581 8 Walkup Dr. TEL: 508-898-9220 FAX: 508-898-9193		Service Centers Mahwah, NJ 07430: 35 Whitney Rd, Suite 5 Albany, NY 12205: 14 Walker Way Tonawanda, NY 14150: 275 Cooper Ave, Suite 105		Page 1 of 1		Date Rec'd in Lab 2/14/19		ALPHA Job # L1905725																																																																																																	
Client Information Client: ROUX ENV. ENG. & GEOLOGY, DPC Address: 209 SHAFER STREET ISLANDIA, NY 11749 Phone: 631-2322600 Fax: 631-2329898 Email: JWILLSCROUXINC.COM		Project Information Project Name: AMTRAK 0U-5 Project Location: SUNNYSIDE YARD, QUEENS, NY Project # 0055.0050Y008 (Use Project name as Project #) <input type="checkbox"/>		Deliverables <input type="checkbox"/> ASP-A <input type="checkbox"/> ASP-B <input type="checkbox"/> EQUIS (1 File) <input checked="" type="checkbox"/> EQUIS (4 File) <input type="checkbox"/> Other		Billing Information <input checked="" type="checkbox"/> Same as Client Info PO #																																																																																																			
		Project Manager: JEFFREY WILLS ALPHAQuote #:		Regulatory Requirement <input type="checkbox"/> NY TOGS <input type="checkbox"/> NY Part 375 <input type="checkbox"/> AWQ Standards <input type="checkbox"/> NY CP-51 <input type="checkbox"/> NY Restricted Use <input type="checkbox"/> Other <input type="checkbox"/> NY Unrestricted Use <input type="checkbox"/> NYC Sewer Discharge		Disposal Site Information Please identify below location of applicable disposal facilities. Disposal Facility: <input type="checkbox"/> NJ <input type="checkbox"/> NY <input type="checkbox"/> Other:																																																																																																			
		Turn-Around Time Standard <input checked="" type="checkbox"/> Due Date: Rush (only if pre approved) <input type="checkbox"/> # of Days:				ANALYSIS		Sample Filtration <input type="checkbox"/> Done <input type="checkbox"/> Lab to do Preservation <input type="checkbox"/> Lab to do (Please Specify below) Sample Specific Comments																																																																																																	
These samples have been previously analyzed by Alpha <input type="checkbox"/> Other project specific requirements/comments:				PCBs				Total Bottles																																																																																																	
Please specify Metals or TAL.																																																																																																									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">ALPHA Lab ID (Lab Use Only)</th> <th rowspan="2">Sample ID</th> <th colspan="2">Collection</th> <th rowspan="2">Sample Matrix</th> <th rowspan="2">Sampler's Initials</th> </tr> <tr> <th>Date</th> <th>Time</th> </tr> </thead> <tbody> <tr> <td>05725 21</td> <td>MH-40-WATER</td> <td>2-13-19</td> <td>0900</td> <td>SW</td> <td>AF</td> </tr> <tr> <td>22</td> <td>MH-40-SEDIMENT</td> <td>2-13-19</td> <td>0905</td> <td>SE</td> <td>AF</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>		ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler's Initials	Date	Time	05725 21	MH-40-WATER	2-13-19	0900	SW	AF	22	MH-40-SEDIMENT	2-13-19	0905	SE	AF																																																																																				
ALPHA Lab ID (Lab Use Only)	Sample ID			Collection				Sample Matrix	Sampler's Initials																																																																																																
		Date	Time																																																																																																						
05725 21	MH-40-WATER	2-13-19	0900	SW	AF																																																																																																				
22	MH-40-SEDIMENT	2-13-19	0905	SE	AF																																																																																																				
Preservative Code: A = None B = HCl C = HNO ₃ D = H ₂ SO ₄ E = NaOH F = MeOH G = NaHSO ₄ H = Na ₂ S ₂ O ₃ K/E = Zn Ac/NaOH O = Other		Container Code: P = Plastic A = Amber Glass V = Vial G = Glass B = Bacteria Cup C = Cube O = Other E = Encore D = BOD Bottle		Westboro: Certification No: MA935 Mansfield: Certification No: MA015		Container Type A Preservative A		Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)																																																																																																	
		Relinquished By: Jeffrey Wills D. Santos AAL		Date/Time: 2/13/19 13:45 2/13/19 1340 2/13/19 2240		Received By: Chris B. D. Santos AAL Cy		Date/Time: 2/13/19 1340 2/13/19 1900 2/14/19 0240																																																																																																	

OU-5 Construction Completion Report
Sunnyside Yard
Queens, New York

APPENDIX H

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

Submittal Transmittal



0089 - 02112 - 0

CQ033-Midday Storage Yard - 06535

Submittal Transmittal #: 5667

Tel: Fax:

Printed on: 3/1/2021

29-76 Northern Blvd; Ground Level

Long Island City, NY 11101-2713

Transmitted To:
Ricky Chan
MTACC East Side Access 29-76 Northern Blvd. 5th Floor Long Island City, NY 11101 Tel: Fax:

Date Sent:	Transmitted For:	
3/1/21	For Approval	
Date Due:	Transmitted By:	Delivered By:
3/15/21	Karla Contreras	Skire

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:

TUTOR PERINI CORPORATION

MTACC/LIRR East Side Access

Contract No. CQ033
Mid-Day Storage Yard Facility

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 Minimization, Inc. (EWMI)

CHECKED BY: Chris Boon
QC Manager

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

Tutor Perini

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



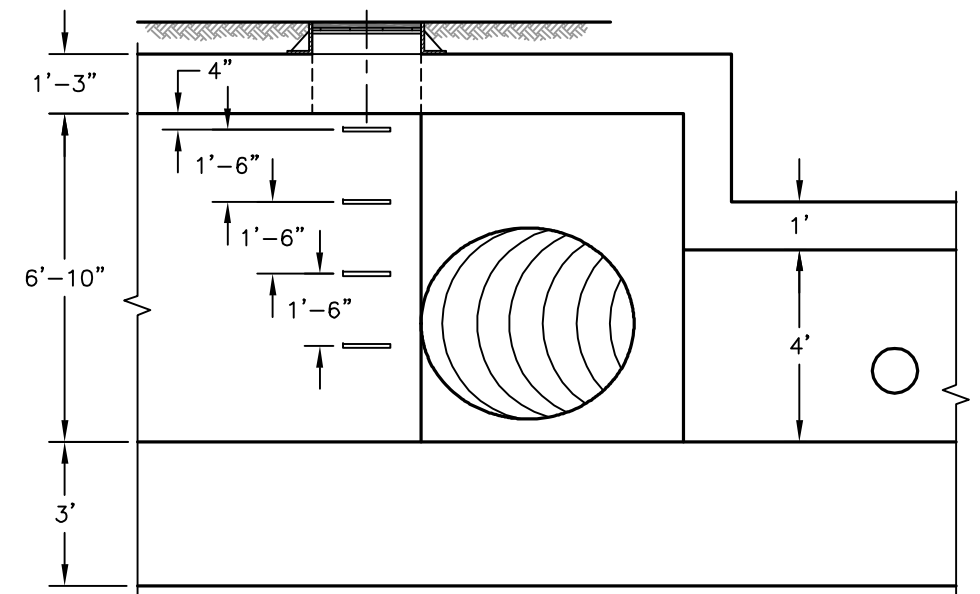
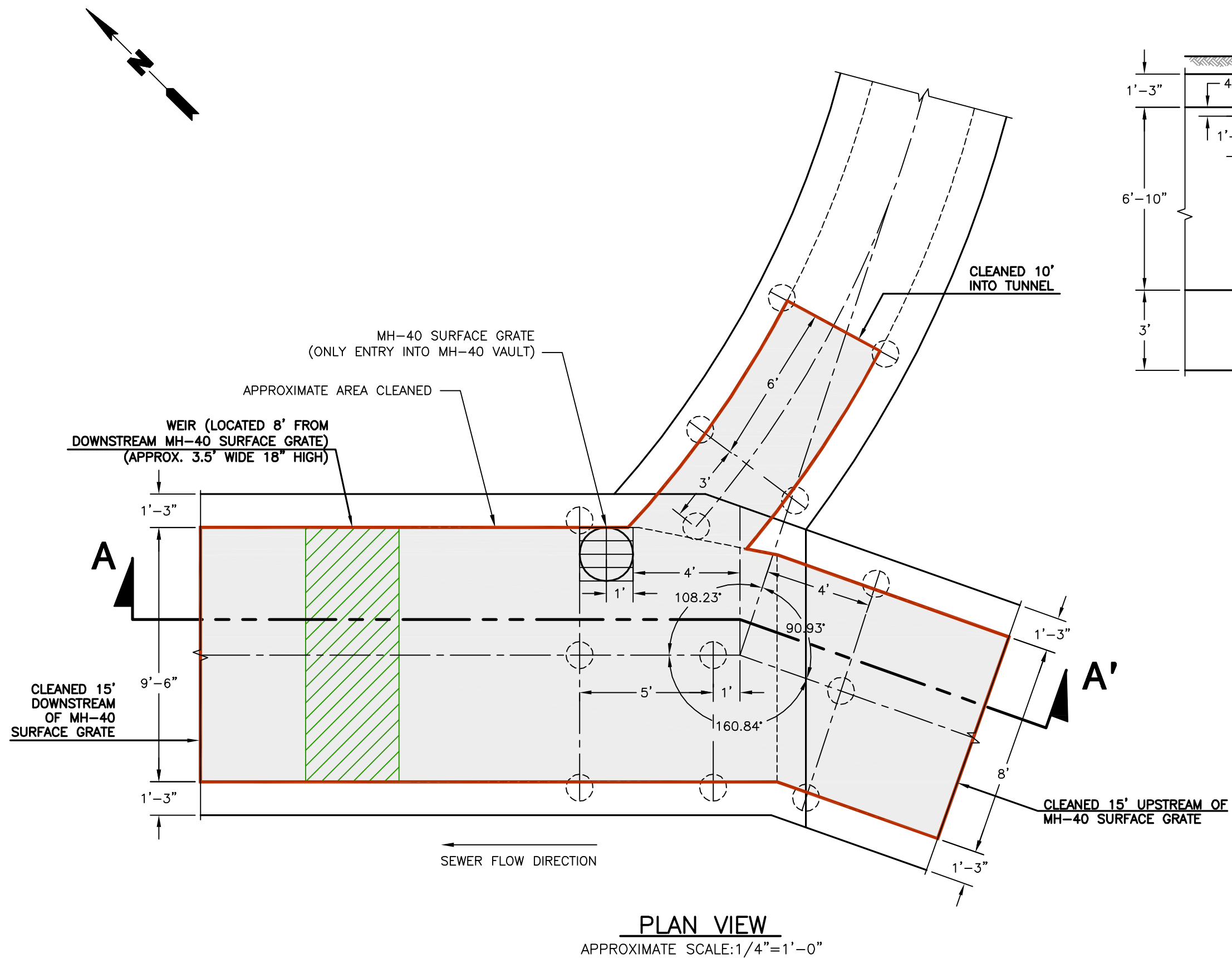
Photograph 1: Sewer structure with weir



Photograph 2: Sewer after cleaning

Appendix

Figures



SECTION A-A'
APPROXIMATE SCALE: 1/4" = 1'-0"

LEGEND



MANHOLE-40(MH-40) SURFACE GRATE



AREA CLEANED



SAND-BAG WEIR CONSTRUCTED
AS PART OF OU-5 REMEDY

Title:	MH-40 DETAIL								
OPERABLE UNIT 5 CONSTRUCTION COMPLETION REPORT SUNNYSIDE YARD, QUEENS, NEW YORK									
Prepared For:	AMTRAK								
<div style="border: 2px solid black; border-radius: 10px; padding: 10px; display: inline-block;">Remedial</div> REMEDIATION ENGINEERING, P.C. <i>ENVIRONMENTAL ENGINEERS</i>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;">Compiled by: J.G.</td> <td style="width: 50%; padding: 5px;">Date: 27MAY14</td> </tr> <tr> <td style="padding: 5px;">Prepared by: J.A.D.</td> <td style="padding: 5px;">Scale: AS SHOWN</td> </tr> <tr> <td style="padding: 5px;">Project Mgr: R.S.K.</td> <td style="padding: 5px;">Project: 0055.0050Y008</td> </tr> <tr> <td colspan="2" style="padding: 5px;">File: 0055.0050Y135.03.DWG</td> </tr> </table>	Compiled by: J.G.	Date: 27MAY14	Prepared by: J.A.D.	Scale: AS SHOWN	Project Mgr: R.S.K.	Project: 0055.0050Y008	File: 0055.0050Y135.03.DWG	
Compiled by: J.G.	Date: 27MAY14								
Prepared by: J.A.D.	Scale: AS SHOWN								
Project Mgr: R.S.K.	Project: 0055.0050Y008								
File: 0055.0050Y135.03.DWG									
FIGURE <div style="font-size: 2em; font-weight: bold; display: inline-block;">3</div>									

Figure 1: Area of sewer cleaned

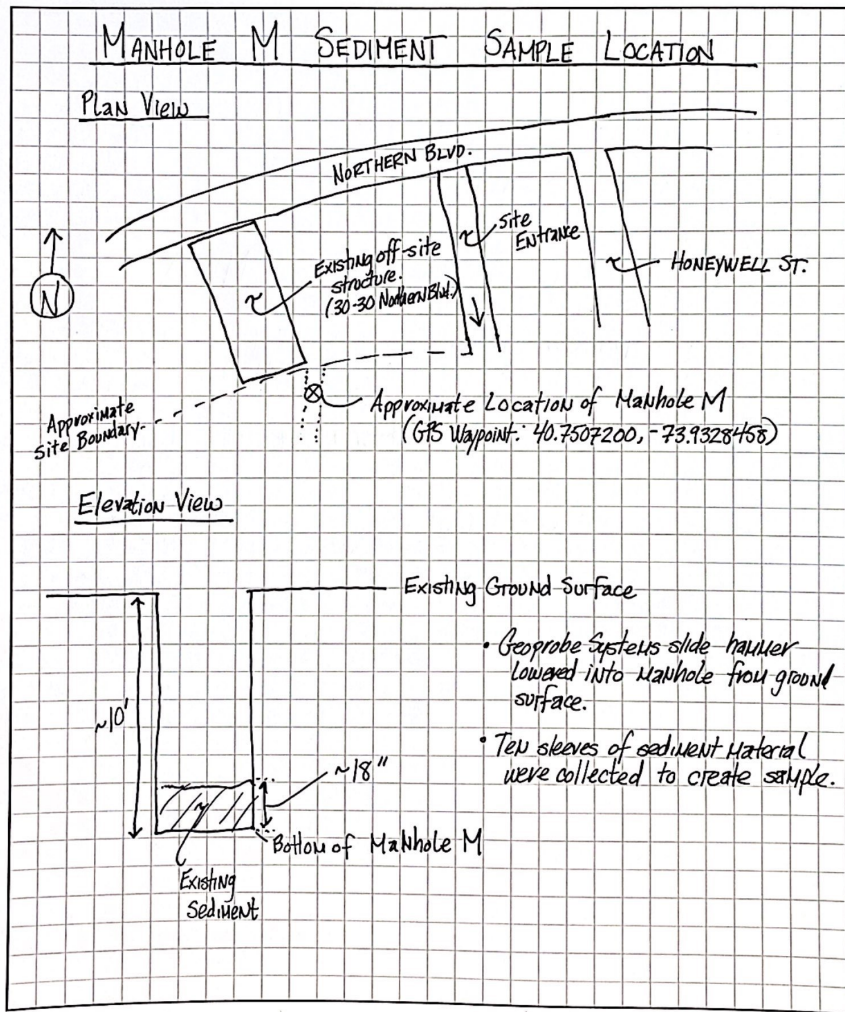


Figure 2: Sketch of sample location

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



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

Reprint
Ticket# 1105012
Ph: 2157361700

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

Tkt Date 01/13/2021	Vehicle# 13	Volume
Pay Type Credit Account	Trailer#	
Billing# 0000926	License# AU883L	
Acc Tons 47.88	Driver	
Man Tk#	Haul Tk#	
PO# 111672	Dest	

Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI	Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT
EPA ID NA	Waste # 506
Manifest 000001	Origin #/County NY/NEW YORK (State of),NY
Route	Origin Name NEW YORK
	Grid F3 01-13-21

Time	Scale-Cert Date	Operator	Operation Inbound	Type-Inbound Gross	
In 01/13/2021 09:23	FAIRLESS_LAB_			Tare	77540 lb
Out 01/13/2021 10:14	FAIRLESS_LANE	B Donovan 86176		Net	28440 lb
				Tons	49100 lb
					24.55

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T 100		24.55	Tons				NY

Total Tax
Total Ticket

Weighmaster: _____ Driver`s Signature_____



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.		Manifest Doc No.		2. Page 1 of 1	
3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101				Generator's Site Address (If different than mailing): MATACD EAST SIDE ACCESS <i>C4033</i> MTA MID-DAY STORAGE SUNNYSIDE YARD, QUEENS, NY 11101 County: QUEENS		A. Manifest Number WMNA 000001	
4. Generator's Phone 631-332-9526				B. State Generator's ID			
5. Transporter 1 Company Name <i>Cuerca Coronel #13</i>				6. US EPA ID Number		C. State Transporter's ID	
7. Transporter 2 Company Name <i>AW 883 L</i>				8. US EPA ID Number		D. Transporter's Phone	
9. Designated Facility Name and Site Address <i>Fairless Landfills</i> 1000 New Ford Mill Rd Morrisville, PA 19067				10. US EPA ID Number		E. State Transporter's ID	
						F. Transporter's Phone	
						G. State Facility ID	
						H. State Facility Phone	
11. Description of Waste Materials				12. Containers		13. Total Quantity	
a. NON-HAZARDOUS SEWAGE IMPACTED SOILS <i>Waste to Northern Blvd</i> WM Profile # 489225PAE				No. Type		14. Unit Wt./Vol.	
b. WM Profile #				001		I. Misc. Comments	
c. WM Profile #							
d. WM Profile #							
J. Additional Descriptions for Materials Listed Above				K. Disposal Location			
BILL TO: ENVIRONMENTAL WASTE MINIMIZATION, INC.				Cell		Level	
15. Special Handling Instructions and Additional Information				Grid			
Purchase Order #				EMERGENCY CONTACT / PHONE NO.:			
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.							
Printed Name <i>Tenzin Lhundup</i>				Signature "On behalf of" <i>[Signature]</i> MTA		Month Day Year 01 13 21	
17. Transporter 1 Acknowledgement of Receipt of Materials				Signature <i>[Signature]</i>		Month Day Year 1 13 21	
18. Transporter 2 Acknowledgement of Receipt of Materials				Signature		Month Day Year	
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.							
20. Facility Owner or Operator Certification of receipt of non-hazardous materials covered by this manifest.				Signature <i>[Signature]</i>		Month Day Year 1 13 21	

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY
Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY
Yellow- GENERATOR #1 COPY



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

Reprint
Ticket# 1105019
Ph: 2157361700

Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING
14 BRICK KILN CT
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
Trailer#
License#
Driver
Haul Tk#
Dest

Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT
EPA ID NA Waste # 506
Manifest 000002 Origin #/County NY/NEW YORK (State of),NY
Route Origin Name NEW YORK
Grid F3 01-13-21

Time	Scale-Cert Date	Operator	Operation Inbound	Type-Inbound Gross	
In 01/13/2021 09:25	FAIRLESS_LAB_			Tare	75520 lb
Out 01/13/2021 10:15	FAIRLESS_LANE	B Donovan 86176		Net	28860 lb
				Tons	46660 lb
					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

Weighmaster: _____ Driver`s Signature_____



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1
3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101		Generator's Site Address (if different than mailing): MATA CD EAST SIDE ACCESS MTA MID-DAY STORAGE SUNNYSIDE YARD, QUEENS, NY 11101 County: QUEENS		A. Manifest Number WMNA 000002
4. Generator's Phone 631-332-9526		B. State Generator's ID		
5. Transporter 1 Company Name <i>Crima Landfills</i>		6. US EPA ID Number	C. State Transporter's ID	
7. Transporter 2 Company Name <i>Crima 71 - AS 211 A</i>		8. US EPA ID Number	D. Transporter's Phone	
9. Designated Facility Name and Site Address Fairless Landfills 1000 New Ford Mill Rd Morrisville, PA 19067		10. US EPA ID Number	E. State Transporter's ID	
			F. Transporter's Phone	
			G. State Facility ID	
			H. State Facility Phone	
11. Description of Waste Materials		12. Containers	13. Total Quantity	14. Unit Wt./Vol.
a. NON-HAZARDOUS SEWAGE IMPACTED SOILS <i>Yard to N Blvd</i> WM Profile # 489225PAE		No. Type		
b. WM Profile #				
c. WM Profile #				
d. WM Profile #				
J. Additional Descriptions for Materials Listed Above		K. Disposal Location		
BILL TO: ENVIRONMENTAL WASTE MINIMIZATION, INC.		Cell	Level	
		Grid		
15. Special Handling Instructions and Additional Information				
Purchase Order #				
EMERGENCY CONTACT / PHONE NO.:				
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.				
Printed Name <i>Tenzin Lhondub</i>		Signature "On behalf of" <i>MTA-ESA</i>	Month 1	Day 13
			Year 21	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>[Signature]</i>	Month 1	Day 13
Printed Name <i>Arif Almaguer</i>			Year 21	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature	Month	Day
Printed Name			Year	
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.				
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.				
Printed Name <i>[Signature]</i>		Signature <i>[Signature]</i>	Month 1	Day 13
			Year 21	

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY
Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY
Yellow- GENERATOR #1 COPY



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

Reprint
Ticket# 1105049
Ph: 2157361700

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

Tkt Date 01/13/2021	Vehicle# 4	Volume
Pay Type Credit Account	Trailer#	
Billing# 0000926	License# AU111V	
Acc Tons 115.79	Driver	
Man Tk#	Haul Tk#	
PO# 111672	Dest	

Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI	Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT
EPA ID NA	Waste # 506
Manifest 000003	Origin #/County NY/NEW YORK (State of),NY
Route	Origin Name NEW YORK
	Grid F3 01-13-21

Time	Scale-Cert Date	Operator	Operation Inbound	Type-Inbound Gross	
In 01/13/2021 09:38	FAIRLESS_LAB_			Tare	73360 lb
Out 01/13/2021 10:26	FAIRLESS_LANE B	Donovan 86176		Net	28220 lb
				Tons	45140 lb
					22.57

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	22.57	Tons				NY

Total Tax
Total Ticket

Weighmaster: _____ Driver`s Signature_____



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.		Manifest Doc No.		2. Page 1 of 1	
3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101		Generator's Site Address (if different than mailing): MATACD EAST SIDE ACCESS <i>CQ033</i> MTA MID-DAY STORAGE SUNNYSIDE YARD, QUEENS, NY 11101 County: QUEENS		A. Manifest Number WMNA		000003	
4. Generator's Phone 631-332-9526				B. State Generator's ID			
5. Transporter 1 Company Name <i>Cuenca Corral</i>		6. US EPA ID Number		C. State Transporter's ID <i>AV111V#4</i>		D. Transporter's Phone	
7. Transporter 2 Company Name		8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone	
9. Designated Facility Name and Site Address <i>Fairless Landfills</i> 1000 New Ford Mill Rd Morrisville, PA 19067		10. US EPA ID Number		G. State Facility ID		H. State Facility Phone	
11. Description of Waste Materials		12. Containers		13. Total Quantity		14. Unit Wt./Vol.	
a. NON-HAZARDOUS SEWAGE IMPACTED SOILS <i>Yard to Northern Blvd</i> WM Profile # 489225PAE		No. Type		Quantity		Misc. Comments	
b. WM Profile #							
c. WM Profile #							
d. WM Profile #							
J. Additional Descriptions for Materials Listed Above		K. Disposal Location		Cell		Level	
BILL TO: ENVIRONMENTAL WASTE MINIMIZATION, INC.		Grid					
15. Special Handling Instructions and Additional Information							
Purchase Order #				EMERGENCY CONTACT / PHONE NO.:			
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.							
Printed Name <i>Tenzin Lhundup</i>		Signature "On behalf of" <i>[Signature]</i> MTA-ESA		Month <i>1</i>		Day <i>13</i>	
				Year <i>21</i>			
17. Transporter 1 Acknowledgement of Receipt of Materials							
Printed Name <i>John Solonzo</i>		Signature <i>[Signature]</i>		Month <i>01</i>		Day <i>13</i>	
				Year <i>2021</i>			
18. Transporter 2 Acknowledgement of Receipt of Materials							
Printed Name		Signature		Month		Day	
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.							
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.							
Printed Name <i>[Signature]</i>		Signature <i>[Signature]</i>		Month <i>1</i>		Day <i>13</i>	
				Year <i>21</i>			

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY

Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



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

Reprint
Ticket# 1105075
Ph: 2157361700

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

Tkt Date 01/13/2021	Vehicle# 65	Volume
Pay Type Credit Account	Trailer#	
Billing# 0000926	License# AS469U	
Acc Tons 115.79	Driver	
Man Tk#	Haul Tk#	
PO# 111672	Dest	

Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI	Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT
EPA ID NA	Waste # 506
Manifest 000004	Origin #/County NY/NEW YORK (State of),NY
Route	Origin Name NEW YORK
	Grid F3 01-13-21

Time	Scale-Cert Date	Operator	Operation Inbound	Type-Inbound Gross	
In 01/13/2021 09:53	FAIRLESS_LAB_			Tare	72200 lb
Out 01/13/2021 10:29	FAIRLESS_LANE	B Donovan 86176		Net	27940 lb
				Tons	44260 lb
					22.13

Comments

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

Total Tax
Total Ticket

Weighmaster: _____ Driver`s Signature_____



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.		Manifest Doc No.		2. Page 1 of 1	
3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101				Generator's Site Address (if different than mailing): MATACD EAST SIDE ACCESS C433 MTA MID-DAY STORAGE SUNNYSIDE YARD, QUEENS, NY 11101 County: QUEENS		A. Manifest Number WMNA 000004	
4. Generator's Phone 631-332-9526				B. State Generator's ID			
5. Transporter 1 Company Name Cuenca coronel				6. US EPA ID Number		C. State Transporter's ID	
7. Transporter 2 Company Name AS469U #65				8. US EPA ID Number		D. Transporter's Phone	
9. Designated Facility Name and Site Address Fairless Landfills 1000 New Ford Mill Rd Morrisville, PA 19067				10. US EPA ID Number		E. State Transporter's ID	
						F. Transporter's Phone	
						G. State Facility ID	
						H. State Facility Phone	
11. Description of Waste Materials				12. Containers		13. Total Quantity	
a. NON-HAZARDOUS SEWAGE IMPACTED SOILS <i>Yard to Nisdon Blvd</i> WM Profile # 489225PAE				No. Type		14. Unit Wt./Vol.	
				001 DT		I. Misc. Comments	
b. WM Profile #							
c. WM Profile #							
d. WM Profile #							
J. Additional Descriptions for Materials Listed Above				K. Disposal Location			
BILL TO: ENVIRONMENTAL WASTE MINIMIZATION, INC.				Cell Level			
15. Special Handling Instructions and Additional Information				Grid			
Purchase Order #				EMERGENCY CONTACT / PHONE NO.:			
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.							
Printed Name Tenzin Lhundu				Signature "On behalf of" MTA-ESA		Month Day Year 1 13 21	
17. Transporter 1 Acknowledgement of Receipt of Materials				Signature Paul Crespo		Month Day Year 1 13 21	
Printed Name PAUL Crespo				Signature		Month Day Year	
18. Transporter 2 Acknowledgement of Receipt of Materials				Signature		Month Day Year	
Printed Name				Signature		Month Day Year	
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.							
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.							
Printed Name [Signature]				Signature [Signature]		Month Day Year 1 13 21	

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



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

Reprint
Ticket# 1105080
Ph: 2157361700

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

Tkt Date 01/13/2021	Vehicle# 05	Volume
Pay Type Credit Account	Trailer#	
Billing# 0000926	License# au926u	
Acc Tons 115.79	Driver	
Man Tk#	Haul Tk#	
PO# 111672	Dest	

Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI	Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT
EPA ID NA	Waste # 506
Manifest 000005	Origin #/County NY/NEW YORK (State of),NY
Route	Origin Name NEW YORK
	Grid F3 01-13-21

Time	Scale-Cert Date	Operator	Operation Inbound	Type-Inbound Gross	
In 01/13/2021 09:55	FAIRLESS_LAB_			Tare	74700 lb
Out 01/13/2021 10:29	FAIRLESS_LANE	B Donovan 86176		Net	28280 lb
				Tons	46420 lb
					23.21

Comments

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

Total Tax
Total Ticket

Weighmaster: _____ Driver`s Signature_____



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.	Manifest Doc No.		2. Page 1 of 1	
3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101		Generator's Site Address (if different than mailing): MATA CD EAST SIDE ACCESS <i>0033</i> MTA MID-DAY STORAGE SUNNYSIDE YARD, QUEENS, NY 11101 County: QUEENS		A. Manifest Number WMNA		000005
4. Generator's Phone 631-332-9526		B. State Generator's ID				
5. Transporter 1 Company Name <i>CUEVCA CORONEL</i>		6. US EPA ID Number <i>H-J-850</i>		C. State Transporter's ID		
7. Transporter 2 Company Name <i>#05 A1192601 H-J</i>		8. US EPA ID Number		D. Transporter's Phone		
9. Designated Facility Name and Site Address Fairless Landfills 1000 New Ford Mill Rd Morrisville, PA 19067		10. US EPA ID Number		E. State Transporter's ID		
				F. Transporter's Phone		
				G. State Facility ID		
				H. State Facility Phone		
11. Description of Waste Materials		12. Containers		13. Total Quantity		14. Unit Wt./Vol.
a. NON-HAZARDOUS SEWAGE IMPACTED SOILS <i>Yard to Northern Blvd</i> WM Profile # 489225PAE		No. Type 001 OT				I. Misc. Comments
b. WM Profile #						
c. WM Profile #						
d. WM Profile #						
J. Additional Descriptions for Materials Listed Above		K. Disposal Location				
BILL TO: ENVIRONMENTAL WASTE MINIMIZATION, INC.		Cell Grid				
15. Special Handling Instructions and Additional Information						
Purchase Order #		EMERGENCY CONTACT / PHONE NO.:				
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.						
Printed Name <i>Tenzin Lhundup</i>		Signature "On behalf of" <i>[Signature]</i> MTA-ESA		Month <i>1</i>		Day <i>13</i>
				Year <i>21</i>		
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed Name <i>EDISON ALVAREZ</i>		Signature <i>E. ALVAREZ</i>		Month <i>01</i>
						Day <i>13</i>
						Year <i>21</i>
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed Name		Signature		Month
						Day
						Year
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.						
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.						
Printed Name <i>[Signature]</i>		Signature <i>[Signature]</i>		Month <i>1</i>		Day <i>23</i>
				Year <i>21</i>		

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY
Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY
Yellow- GENERATOR #1 COPY



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

Reprint
Ticket# 1105501
Ph: 2157361700

Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING
14 BRICK KILN CT
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
Trailer#
License# AU883L
Driver
Haul Tk#
Dest

Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT
EPA ID NA Waste # 506
Manifest 000006 Origin #/County NY/NEW YORK (State of),NY
Route Origin Name NEW YORK
Grid F3 01-13-21

Time	Scale-Cert Date	Operator	Operation Inbound	Type-Inbound Gross	
In 01/13/2021 14:35	FAIRLESS_LAB_				83180 lb
Out 01/13/2021 15:03	FAIRLESS_LANE	B Donovan	86176	Tare	28160 lb
				Net	55020 lb
				Tons	27.51

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	27.51	Tons				NY

Total Tax
Total Ticket

Weighmaster: _____ Driver`s Signature_____



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.		Manifest Doc No.		2. Page 1 of 1	
3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101		Generator's Site Address (if different than mailing): MATACD EAST SIDE ACCESS 1833 MTA MID-DAY STORAGE SUNNYSIDE YARD, QUEENS, NY 11101 County: QUEENS		A. Manifest Number WMNA		000006	
4. Generator's Phone 631-332-9526				B. State Generator's ID			
5. Transporter 1 Company Name Cuenca Coronel # 13		6. US EPA ID Number		C. State Transporter's ID		D. Transporter's Phone	
7. Transporter 2 Company Name AU 883 L		8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone	
9. Designated Facility Name and Site Address Fairless Landfills 1000 New Ford Mill Rd Morrisville, PA 19067		10. US EPA ID Number		G. State Facility ID		H. State Facility Phone	
11. Description of Waste Materials		12. Containers		13. Total Quantity		14. Unit Wt./Vol.	
a. NON-HAZARDOUS SEWAGE IMPACTED SOILS Yard to Northern Blvd WM Profile # 489225PAE		No. Type		Quantity		I. Misc. Comments	
b. WM Profile #							
c. WM Profile #							
d. WM Profile #							
J. Additional Descriptions for Materials Listed Above		K. Disposal Location		Cell		Level	
BILL TO: ENVIRONMENTAL WASTE MINIMIZATION, INC.		Grid					
15. Special Handling Instructions and Additional Information							
Purchase Order #				EMERGENCY CONTACT / PHONE NO.:			
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.							
Printed Name Jimmie Lundberg		Signature "On behalf of" MTA-ESA		Month 01		Day 13	
				Year 21			
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed Name Rolando Jimenez		Signature		Month 1	
						Day 13	
						Year 21	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed Name		Signature		Month	
						Day	
						Year	
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.							
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.							
Printed Name		Signature		Month 1		Day 13	
				Year 21			

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY



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

Reprint
Ticket# 1105505
Ph: 2157361700

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

Tkt Date 01/13/2021	Vehicle# 47	Volume
Pay Type Credit Account	Trailer#	
Billing# 0000926	License#	
Acc Tons 170.46	Driver	
Man Tk#	Haul Tk#	
PO# 111672	Dest	

Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI	Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT
EPA ID NA	Waste # 506
Manifest 000007	Origin #/County NY/NEW YORK (State of),NY
Route	Origin Name NEW YORK
	Grid F3 01-13-21

Time	Scale-Cert Date	Operator	Operation Inbound	Type-Inbound Gross	
In 01/13/2021 14:36	FAIRLESS_LAB_			Tare	82960 lb
Out 01/13/2021 15:02	FAIRLESS_LANE	B Donovan	86176	Net	28640 lb
				Tons	54320 lb
					27.16

Comments

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

Total Tax
Total Ticket

Weighmaster: _____ Driver`s Signature_____



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.	Manifest Doc No.	2. Page 1 of 1
3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101		Generator's Site Address (if different than mailing): MATACD EAST SIDE ACCESS 00233 MTA MID-DAY STORAGE SUNNYSIDE YARD, QUEENS, NY 11101 County: QUEENS		A. Manifest Number WMNA 000007
4. Generator's Phone 631-332-9526		B. State Generator's ID		
5. Transporter 1 Company Name Crews Corp Truck		6. US EPA ID Number	C. State Transporter's ID	
7. Transporter 2 Company Name 47-AS211A		8. US EPA ID Number	D. Transporter's Phone	
9. Designated Facility Name and Site Address Fairless Landfills 1000 New Ford Mill Rd Morrisville, PA 19067		10. US EPA ID Number	E. State Transporter's ID	
			F. Transporter's Phone	
			G. State Facility ID	
			H. State Facility Phone	
11. Description of Waste Materials		12. Containers No. Type	13. Total Quantity	14. Unit Wt./Vol.
a. NON-HAZARDOUS SEWAGE IMPACTED SOILS 489225PAE 1st to Northern Blvd		001 DT	5000	1
b. WM Profile #				
c. WM Profile #				
d. WM Profile #				
J. Additional Descriptions for Materials Listed Above		K. Disposal Location		
BILL TO: ENVIRONMENTAL WASTE MINIMIZATION, INC.		Cell	Level	
		Grid		
15. Special Handling Instructions and Additional Information				
Purchase Order # EMERGENCY CONTACT / PHONE NO.:				
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.				
Printed Name Tenzin Lhundub		Signature "On behalf of"	Month 01	Day 13
			Year 21	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature	Month 1	Day 13
Printed Name And Almaguer			Year 21	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature	Month	Day
Printed Name			Year	
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.				
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.				
Printed Name		Signature	Month 1	Day 13
			Year 21	

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY



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

Reprint
Ticket# 1105515
Ph: 2157361700

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

Tkt Date 01/13/2021	Vehicle# 4	Volume
Pay Type Credit Account	Trailer#	
Billing# 0000926	License# AU111V	
Acc Tons 248.79	Driver	
Man Tk#	Haul Tk#	
PO# 111672	Dest	

Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI	Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT
EPA ID NA	Waste # 506
Manifest 000008	Origin #/County NY/NEW YORK (State of),NY
Route	Origin Name NEW YORK
	Grid F3 01-13-21

Time	Scale-Cert Date	Operator	Operation Inbound	Type-Inbound Gross	
In 01/13/2021 14:43	FAIRLESS_LAB_			Tare	80220 lb
Out 01/13/2021 15:04	FAIRLESS_LANE	B Donovan 86176		Net	28000 lb
				Tons	52220 lb
					26.11

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T 100		26.11	Tons				NY

Total Tax
Total Ticket

Weighmaster: _____ Driver`s Signature_____



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.		Manifest Doc No.		2. Page 1 of 1	
3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101		Generator's Site Address (if different than mailing): MATACD EAST SIDE ACCESS 10033 MTA MID-DAY STORAGE SUNNYSIDE YARD, QUEENS, NY 11101 County: QUEENS		A. Manifest Number WMNA		000008	
4. Generator's Phone 631-332-9526				B. State Generator's ID			
5. Transporter 1 Company Name Greena AVE 111V		6. US EPA ID Number		C. State Transporter's ID AV111 V414		D. Transporter's Phone	
7. Transporter 2 Company Name		8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone	
9. Designated Facility Name and Site Address Fairless Landfills 1000 New Ford Mill Rd Morrisville, PA 19067		10. US EPA ID Number		G. State Facility ID		H. State Facility Phone	
11. Description of Waste Materials a. NON-HAZARDOUS SEWAGE IMPACTED SOILS Yard to Northern Blvd WM Profile # 489225PAE b. WM Profile # c. WM Profile # d. WM Profile #		12. Containers		13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments	
		No.	Type				
		001	DT				
J. Additional Descriptions for Materials Listed Above		K. Disposal Location		Cell	Level		
BILL TO: ENVIRONMENTAL WASTE MINIMIZATION, INC.		Grid					
15. Special Handling Instructions and Additional Information							
Purchase Order #				EMERGENCY CONTACT / PHONE NO.:			
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.							
Printed Name Teriza Lhondur		Signature "On behalf of" [Signature]		Month 01	Day 13	Year 21	
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed Name John Solozgarn		Signature [Signature]		Month 01	Day 13
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed Name		Signature		Month	Day
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.		20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.		Printed Name [Signature]		Month 01	Day 13
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY		Blue- GENERATOR #2 COPY		Yellow- GENERATOR #1 COPY			
Pink- FACILITY USE ONLY		Gold- TRANSPORTER #1 COPY					



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

Reprint
Ticket# 1105518
Ph: 2157361700

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

Tkt Date 01/13/2021	Vehicle# 65	Volume
Pay Type Credit Account	Trailer#	
Billing# 0000926	License# AS469U	
Acc Tons 248.79	Driver	
Man Tk#	Haul Tk#	
PO# 111672	Dest	

Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI	Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT
EPA ID NA	Waste # 506
Manifest 000009	Origin #/County NY/NEW YORK (State of),NY
Route	Origin Name NEW YORK
	Grid F3 01-13-21

Time	Scale-Cert Date	Operator	Operation Inbound	Type-Inbound Gross	
In 01/13/2021 14:45	FAIRLESS_LAB_				80760 lb
Out 01/13/2021 15:05	FAIRLESS_LANE	B Donovan		Tare	27620 lb
				Net	53140 lb
				Tons	26.57

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	26.57	Tons				NY

Total Tax
Total Ticket

Weighmaster: _____ Driver`s Signature_____



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.		Manifest Doc No.		2. Page 1 of	
3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101				Generator's Site Address (if different than mailing): MATACD EAST SIDE ACCESS <i>10033</i> MTA MID-DAY STORAGE SUNNYSIDE YARD, QUEENS, NY 11101 County: QUEENS		A. Manifest Number WMNA 000009	
4. Generator's Phone 631-332-9526				B. State Generator's ID			
5. Transporter 1 Company Name <i>Cuenca Coroneal</i>				6. US EPA ID Number			
7. Transporter 2 Company Name <i>AS 4694 # 65</i>				8. US EPA ID Number			
9. Designated Facility Name and Site Address Fairless Landfills 1000 New Ford Mill Rd Morrisville, PA 19067				10. US EPA ID Number			
11. Description of Waste Materials				12. Containers			
a. NON-HAZARDOUS SEWAGE IMPACTED SOILS <i>Yard To Mother Blvd</i> WM Profile # 489225PAE				No.		Type	
b. WM Profile #				001		Type	
c. WM Profile #							
d. WM Profile #							
J. Additional Descriptions for Materials Listed Above				K. Disposal Location			
BILL TO: ENVIRONMENTAL WASTE MINIMIZATION, INC.				Cell		Level	
15. Special Handling Instructions and Additional Information				Grid			
Purchase Order #				EMERGENCY CONTACT / PHONE NO.:			
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.							
Printed Name <i>Tenzin Chundok</i>				Signature "On behalf of" <i>[Signature]</i> MTA-ESA		Month Day Year 01 13 24	
17. Transporter 1 Acknowledgement of Receipt of Materials				Printed Name <i>PAUL CRESPO</i>		Signature <i>[Signature]</i>	
18. Transporter 2 Acknowledgement of Receipt of Materials				Printed Name		Month Day Year 1 13 24	
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.				20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.		Month Day Year 1 13 24	
Printed Name <i>[Signature]</i>				Signature <i>[Signature]</i>			

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY
Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY
Yellow- GENERATOR #1 COPY



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

Reprint
Ticket# 1105521
Ph: 2157361700

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

Tkt Date	01/13/2021	Vehicle#	05	Volume
Pay Type	Credit Account	Trailer#		
Billing#	0000926	License#	au926u	
Acc Tons	248.79	Driver		
Man Tk#		Haul Tk#		
PO#	111672	Dest		

Generator	132-MTACDEASTSIDEACCESS MTACD EAST SI	Profile#	489225PAE (NON-HAZARDOUS SEWER-IMPACT
EPA ID	NA	Waste #	506
Manifest	000010	Origin #/County	NY/NEW YORK (State of),NY
Route		Origin Name	NEW YORK
		Grid	F3 01-13-21

Time	Scale-Cert	Date	Operator	Operation	Type-Inbound	
In 01/13/2021 14:47	FAIRLESS_LAB_			Inbound	Gross	79200 lb
Out 01/13/2021 15:06	FAIRLESS_LANE	B Donovan	86176		Tare	27900 lb
					Net	51300 lb
					Tons	25.65

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	25.65	Tons				NY

Total Tax
Total Ticket

Weighmaster: _____ Driver`s Signature_____



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.		Manifest Doc No.		2. Page 1 of	
3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101		4. Generator's Phone 631-332-9526		Generator's Site Address (If different than mailing): MATA CD EAST SIDE ACCESS 0033 MTA MID-DAY STORAGE SUNNYSIDE YARD, QUEENS, NY 11101 County: QUEENS		A. Manifest Number WMNA 000010	
5. Transporter 1 Company Name CUEMIA CORONEL		6. US EPA ID Number H. J. 850		C. State Transporter's ID		B. State Generator's ID	
7. Transporter 2 Company Name #05 00260 H.J.		8. US EPA ID Number		D. Transporter's Phone		E. State Transporter's ID	
9. Designated Facility Name and Site Address Fairless Landfills 1000 New Ford Mill Rd Morrisville, PA 19067		10. US EPA ID Number		F. Transporter's Phone		G. State Facility ID	
11. Description of Waste Materials		12. Containers		13. Total Quantity		14. Unit Wt./Vol.	
a. NON-HAZARDOUS SEWAGE IMPACTED SOILS found to northern Blvd WM Profile # 489225PAE		No. Type		Quantity		I. Misc. Comments	
b. WM Profile #							
c. WM Profile #							
d. WM Profile #							
J. Additional Descriptions for Materials Listed Above		K. Disposal Location		Cell		Level	
BILL TO: ENVIRONMENTAL WASTE MINIMIZATION, INC.		Grid					
15. Special Handling Instructions and Additional Information							
Purchase Order #				EMERGENCY CONTACT / PHONE NO.:			
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.							
Printed Name Tinzin Lhondo		Signature "On behalf of" MTA-ESA		Month 01		Day 13	
				Year 21			
17. Transporter 1 Acknowledgement of Receipt of Materials							
Printed Name EDISON RIVAREZ		Signature E. RIVAREZ		Month 01		Day 13	
				Year 21			
18. Transporter 2 Acknowledgement of Receipt of Materials							
Printed Name		Signature		Month		Day	
				Year			
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.							
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.							
Printed Name		Signature		Month 1		Day 13	
				Year 21			
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY				Blue- GENERATOR #2 COPY		Yellow- GENERATOR #1 COPY	
Pink- FACILITY USE ONLY				Gold- TRANSPORTER #1 COPY			



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

Reprint
Ticket# 1105987
Ph: 2157361700

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

Tkt Date 01/14/2021
Pay Type Credit Account Chk#
Billing# 0000926
Acc Tons 24.56
Man Tk#
PO# 111672

Vehicle# 13
Trailer#
License# AU883L
Driver
Haul Tk#
Dest

Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT
EPA ID NA Waste # 506
Manifest 000011 Origin #/County NY/NEW YORK (State of),NY
Route Origin Name NEW YORK
Grid F3 01-14-21

Time	Scale-Cert	Date	Operator	Operation	Type-Inbound	
In 01/14/2021 08:53	FAIRLESS_LAB_			Inbound	Gross	77480 lb
Out 01/14/2021 10:10	FAIRLESS_LANE	B Donovan	86176		Tare	28360 lb
					Net	49120 lb
					Tons	24.56

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	24.56	Tons				NY

Total Tax
Total Ticket

Weighmaster: _____ Driver`s Signature_____



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.		Manifest Doc No.		2. Page 1 of 1	
3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101		Generator's Site Address (if different than mailing): MATACD EAST SIDE ACCESS <i>CQ033</i> MTA MID-DAY STORAGE SUNNYSIDE YARD, QUEENS, NY 11101 County: QUEENS		A. Manifest Number WMNA		000011	
4. Generator's Phone 631-332-9526				B. State Generator's ID			
5. Transporter 1 Company Name <i>Cuenca Gronel #13</i>		6. US EPA ID Number		C. State Transporter's ID			
7. Transporter 2 Company Name <i>AV 883 L</i>		8. US EPA ID Number		D. Transporter's Phone			
9. Designated Facility Name and Site Address <i>Fairless Landfills</i> 1000 New Ford Mill Rd Morrisville, PA 19067		10. US EPA ID Number		E. State Transporter's ID			
				F. Transporter's Phone			
				G. State Facility ID			
				H. State Facility Phone			
11. Description of Waste Materials		12. Containers		13. Total Quantity		14. Unit Wt./Vol.	
a. NON-HAZARDOUS SEWAGE IMPACTED SOILS <i>Ward to Northern Blvd</i> WM Profile # 489225PAE		No. Type		Quantity		I. Misc. Comments	
		001					
b. WM Profile #							
c. WM Profile #							
d. WM Profile #							
J. Additional Descriptions for Materials Listed Above		K. Disposal Location		Cell		Level	
BILL TO: ENVIRONMENTAL WASTE MINIMIZATION, INC.				Grid			
15. Special Handling Instructions and Additional Information							
Purchase Order #		EMERGENCY CONTACT / PHONE NO.:					
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.		Printed Name <i>Tenzin Lundup</i>		Signature "On behalf of" <i>[Signature]</i> MTA-ESA		Month Day Year 1 14 21	
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed Name <i>Rolando Jimenez</i>		Signature <i>[Signature]</i>		Month Day Year 1 14 21	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed Name		Signature		Month Day Year	
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.							
20. Facility Owner or Operator Certification of receipt of non-hazardous materials covered by this manifest.		Printed Name <i>[Signature]</i>		Signature <i>[Signature]</i>		Month Day Year 1 14 21	

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY
Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY
Yellow- GENERATOR #1 COPY



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

Reprint
Ticket# 1106018
Ph: 2157361700

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

Tkt Date 01/14/2021	Vehicle# 4	Volume
Pay Type Credit Account	Trailer#	
Billing# 0000926	License# AU111V	
Acc Tons 124.80	Driver	
Man Tk#	Haul Tk#	
PO# 111672	Dest	

Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI	Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT
EPA ID NA	Waste # 506
Manifest 000013	Origin #/County NY/NEW YORK (State of),NY
Route	Origin Name NEW YORK
	Grid F3 01-14-21

Time	Scale-Cert Date	Operator	Operation Inbound	Type-Inbound Gross	
In 01/14/2021 09:10	FAIRLESS_LAB_			Tare	79600 lb
Out 01/14/2021 10:16	FAIRLESS_LANE	B Donovan	86176	Net	28200 lb
				Tons	51400 lb
					25.70

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	25.70	Tons				NY

Total Tax
Total Ticket

Weighmaster: _____ Driver`s Signature_____



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.		Manifest Doc No.		2. Page 1 of 1	
3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5TH FL LONG ISLAND CITY, 11101		Generator's Site Address (If different than mailing): MATACD EAST SIDE ACCESS MTA MID-DAY STORAGE 10033 SUNNYSIDE YARD, QUEENS, NY 11101 County: QUEENS		A. Manifest Number WMNA		000013	
4. Generator's Phone 631-332-9526				B. State Generator's ID			
5. Transporter 1 Company Name Cuenca Coronal Trucking		6. US EPA ID Number		C. State Transporter's ID AD111V #4		D. Transporter's Phone	
7. Transporter 2 Company Name AD111V #4		8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone	
9. Designated Facility Name and Site Address Fairless Landfills 1000 New Ford Mill Rd Morrisville, PA 19067		10. US EPA ID Number		G. State Facility ID		H. State Facility Phone	
11. Description of Waste Materials		12. Containers		13. Total Quantity		14. Unit Wt./Vol.	
a. NON-HAZARDOUS SEWAGE IMPACTED SOILS Yard off Northern Blvd		No. Type		Quantity		I. Misc. Comments	
WM Profile # 489225PAE		001 07		1000			
b.							
WM Profile #							
c.							
WM Profile #							
d.							
WM Profile #							
J. Additional Descriptions for Materials Listed Above		K. Disposal Location		Cell		Level	
BILL TO: ENVIRONMENTAL WASTE MINIMIZATION, INC.		Grid					
15. Special Handling Instructions and Additional Information							
Purchase Order #				EMERGENCY CONTACT / PHONE NO.:			
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.							
Printed Name Tenzin Lundup		Signature "On behalf of" MTA-ESA		Month 1		Day 14	
				Year 21			
17. Transporter 1 Acknowledgement of Receipt of Materials							
Printed Name John Golorzano		Signature John Golorzano		Month 01		Day 14	
				Year 21			
18. Transporter 2 Acknowledgement of Receipt of Materials							
Printed Name		Signature		Month		Day	
				Year			
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.							
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.							
Printed Name		Signature		Month 1		Day 14	
				Year 21			

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY



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

Reprint
Ticket# 1106023
Ph: 2157361700

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

Tkt Date 01/14/2021	Vehicle# 05	Volume
Pay Type Credit Account	Trailer#	
Billing# 0000926	License# au926u	
Acc Tons 124.80	Driver	
Man Tk#	Haul Tk#	
PO# 111672	Dest	

Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI	Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT
EPA ID NA	Waste # 506
Manifest 000014	Origin #/County NY/NEW YORK (State of),NY
Route	Origin Name NEW YORK
	Grid F3 01-14-21

Time	Scale-Cert Date	Operator	Operation Inbound	Type-Inbound Gross	
In 01/14/2021 09:12	FAIRLESS_LAB_			Tare	79240 lb
Out 01/14/2021 10:17	FAIRLESS_LANE	B Donovan 86176		Net	28140 lb
				Tons	51100 lb
					25.55

Comments License: ., AK, Owner: ., Address: . ., AK, .. Phone: ..

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T 100		25.55	Tons				NY

Total Tax
Total Ticket

Weighmaster: _____ Driver`s Signature_____



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.		Manifest Doc No.		2. Page 1 of	
3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101				Generator's Site Address (if different than mailing): MATACD EAST SIDE ACCESS MTA MID-DAY STORAGE <i>CA 033</i> SUNNYSIDE YARD, QUEENS, NY 11101 County: QUEENS		A. Manifest Number WMNA 000014	
4. Generator's Phone 631-332-9526				B. State Generator's ID			
5. Transporter 1 Company Name <i>CUEMCA CORONEL</i>		6. US EPA ID Number <i>H.J. 850</i>		C. State Transporter's ID			
7. Transporter 2 Company Name <i>#05 AU9260 H.J.</i>		8. US EPA ID Number		D. Transporter's Phone			
9. Designated Facility Name and Site Address <i>Fairless Landfills</i> 1000 New Ford Mill Rd Morrisville, PA 19067		10. US EPA ID Number		E. State Transporter's ID			
				F. Transporter's Phone			
				G. State Facility ID			
				H. State Facility Phone			
11. Description of Waste Materials				12. Containers		13. Total Quantity	
a. NON-HAZARDOUS SEWAGE IMPACTED SOILS <i>York To Northern Blvd</i>				No. Type		14. Unit Wt./Vol.	
WM Profile # 489225PAE				001 DT		1. Misc. Comments	
b. WM Profile #							
c. WM Profile #							
d. WM Profile #							
J. Additional Descriptions for Materials Listed Above				K. Disposal Location			
BILL TO: ENVIRONMENTAL WASTE MINIMIZATION, INC.				Cell			
				Grid			
15. Special Handling Instructions and Additional Information							
Purchase Order #				EMERGENCY CONTACT / PHONE NO.:			
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.							
Printed Name <i>Tenzin Chundup</i>				Signature "On behalf of" <i>MTA-ESA</i>		Month Day Year 1 14 21	
17. Transporter 1 Acknowledgement of Receipt of Materials							
Printed Name <i>EDISON ALVAREZ</i>				Signature <i>E. ALVAREZ</i>		Month Day Year 01 14 21	
18. Transporter 2 Acknowledgement of Receipt of Materials							
Printed Name				Signature		Month Day Year	
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.							
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.							
Printed Name <i>[Signature]</i>				Signature <i>[Signature]</i>		Month Day Year 1 14 21	

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY
Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY
Yellow- GENERATOR #1 COPY



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

Reprint
Ticket# 1105989
Ph: 2157361700

Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING
14 BRICK KILN CT
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
Trailer#
License#
Driver
Haul Tk#
Dest

Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT
EPA ID NA Waste # 506
Manifest 000012 Origin #/County NY/NEW YORK (State of),NY
Route Origin Name NEW YORK
Grid F3 01-14-21

Time	Scale-Cert Date	Operator	Operation Inbound	Type-Inbound Gross	
In 01/14/2021 08:55	FAIRLESS_LAB_				79120 lb
Out 01/14/2021 10:19	FAIRLESS_LANE	B Donovan	86176	Tare	28900 lb
				Net	50220 lb
				Tons	25.11

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	25.11	Tons				NY

Total Tax
Total Ticket

Weighmaster: _____ Driver`s Signature_____



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.		Manifest Doc No.		2. Page 1 of 1	
3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101		Generator's Site Address (if different than mailing): MATACD EAST SIDE ACCESS <i>00033</i> MTA MID-DAY STORAGE SUNNYSIDE YARD, QUEENS, NY 11101 County: QUEENS		A. Manifest Number WMNA		000012	
4. Generator's Phone 631-332-9526				B. State Generator's ID			
5. Transporter 1 Company Name <i>James Coroneo Teran</i>		6. US EPA ID Number		C. State Transporter's ID			
7. Transporter 2 Company Name <i>47-AS211A</i>		8. US EPA ID Number		D. Transporter's Phone			
9. Designated Facility Name and Site Address Fairless Landfills 1000 New Ford Mill Rd Morrisville, PA 19067		10. US EPA ID Number		E. State Transporter's ID			
				F. Transporter's Phone			
				G. State Facility ID			
				H. State Facility Phone			
11. Description of Waste Materials		12. Containers		13. Total Quantity		14. Unit Wt./Vol.	
a. NON-HAZARDOUS SEWAGE IMPACTED SOILS <i>Yard To Northern Blvd</i>		No. Type				I. Misc. Comments	
WM Profile # 489225PAE		001 DT					
b. WM Profile #							
c. WM Profile #							
d. WM Profile #							
J. Additional Descriptions for Materials Listed Above		K. Disposal Location		Cell		Level	
BILL TO: ENVIRONMENTAL WASTE MINIMIZATION, INC.				Grid			
15. Special Handling Instructions and Additional Information							
Purchase Order #		EMERGENCY CONTACT / PHONE NO.:					
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.		Printed Name <i>Teran</i>		Signature "On behalf of" <i>MTA-ESA</i>		Month Day Year 1 14 21	
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed Name <i>And almaguer</i>		Signature <i>[Signature]</i>		Month Day Year 1 14 21	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed Name		Signature		Month Day Year	
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.							
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.		Printed Name <i>[Signature]</i>		Signature <i>[Signature]</i>		Month Day Year 1 14 21	

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY



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

Reprint
Ticket# 1106027
Ph: 2157361700

Customer: ENVIRONMENTALWASTEMINIMIZATION ENVIRO Carrier: CUENCA CUNCA CORONEL TRUCKING
14 BRICK KILN CT
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 Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT
EPA ID NA Waste # 506
Manifest 000015 Origin #/County NY/NEW YORK (State of),NY
Route Origin Name NEW YORK
Grid F3 01-14-21

Time	Scale-Cert Date	Operator	Operation Inbound	Type-Inbound Gross	
In 01/14/2021 09:14	FAIRLESS_LAB_				75580 lb
Out 01/14/2021 10:18	FAIRLESS_LANE	B Donovan 86176		Tare	27820 lb
				Net	47760 lb
				Tons	23.88

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	23.88	Tons				NY

Total Tax
Total Ticket

Weighmaster: _____ Driver`s Signature_____



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.		Manifest Doc No.		2. Page 1 of 1	
3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101				Generator's Site Address (if different than mailing): MATACD EAST SIDE ACCESS MTA MID-DAY STORAGE <i>CA033</i> SUNNYSIDE YARD, QUEENS, NY 11101 County: QUEENS		A. Manifest Number WMNA 000015	
4. Generator's Phone 631-332-9526				5. Transporter 1 Company Name <i>VENGA CORP</i>		B. State Generator's ID	
6. US EPA ID Number <i>NY-850</i>				7. Transporter 2 Company Name <i>ASL 4670 #63</i>		C. State Transporter's ID	
8. US EPA ID Number				9. Designated Facility Name and Site Address Fairless Landfills 1000 New Ford Mill Rd Morrisville, PA 19067		D. Transporter's Phone	
10. US EPA ID Number				E. State Transporter's ID		F. Transporter's Phone	
11. Description of Waste Materials				G. State Facility ID		H. State Facility Phone	
a. NON-HAZARDOUS SEWAGE IMPACTED SOILS <i>And 75 Northern Blvd</i>				12. Containers		13. Total Quantity	
WM Profile # 489225PAE				No. Type		14. Unit Wt./Vol.	
b. WM Profile #				001 DT		I. Misc. Comments	
c. WM Profile #							
d. WM Profile #							
J. Additional Descriptions for Materials Listed Above				K. Disposal Location			
BILL TO: ENVIRONMENTAL WASTE MINIMIZATION, INC.				Cell		Level	
15. Special Handling Instructions and Additional Information				Grid			
Purchase Order #				EMERGENCY CONTACT / PHONE NO.:			
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.							
Printed Name <i>Lenzin Chaudhry</i>				Signature "On behalf of" <i>[Signature]</i> MTA-ESA		Month Day Year <i>1/14/21</i>	
17. Transporter 1 Acknowledgement of Receipt of Materials				Signature <i>[Signature]</i>		Month Day Year <i>1/14/21</i>	
18. Transporter 2 Acknowledgement of Receipt of Materials				Signature		Month Day Year	
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.				20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.		Month Day Year <i>1/14/21</i>	
Printed Name <i>[Signature]</i>				Signature <i>[Signature]</i>			

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY Blue- GENERATOR #2 COPY Yellow- GENERATOR #1 COPY
Pink- FACILITY USE ONLY Gold- TRANSPORTER #1 COPY



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

Reprint
Ticket# 1106488
Ph: 2157361700

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

Tkt Date 01/14/2021
Pay Type Credit Account Chk#
Billing# 0000926
Acc Tons 171.65
Man Tk#
PO# 111672

Vehicle# 13
Trailer#
License# AU883L
Driver
Haul Tk#
Dest

Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT
EPA ID NA Waste # 506
Manifest 000016 Origin #/County NY/NEW YORK (State of),NY
Route Origin Name NEW YORK
Grid F3 01-14-21

Time	Scale-Cert Date	Operator	Operation Inbound	Type-Inbound Gross	
In 01/14/2021 14:30	FAIRLESS_LAB_	rburns		Tare	74960 lb
Out 01/14/2021 15:02	FAIRLESS_LANE	B Donovan	86176	Net	28160 lb
				Tons	46800 lb
					23.40

Comments License: , AK, Owner: , Address: , AK, . Phone: .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	23.40	Tons				NY

Total Tax
Total Ticket

Weighmaster: _____ Driver`s Signature_____



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.		Manifest Doc No.		2. Page 1 of 1	
3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101		Generator's Site Address (if different than mailing): MATACD EAST SIDE ACCESS MTA MID-DAY STORAGE SUNNYSIDE YARD, QUEENS, NY 11101 County: QUEENS		A. Manifest Number WMNA		000016	
4. Generator's Phone 631-332-9526				B. State Generator's ID			
5. Transporter 1 Company Name Cuenca Coronel #13		6. US EPA ID Number		C. State Transporter's ID		D. Transporter's Phone	
7. Transporter 2 Company Name AU 883 L		8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone	
9. Designated Facility Name and Site Address Fairless Landfills 1000 New Ford Mill Rd Morrisville, PA 19067		10. US EPA ID Number		G. State Facility ID		H. State Facility Phone	
11. Description of Waste Materials		12. Containers		13. Total Quantity		14. Unit Wt./Vol.	
a. NON-HAZARDOUS SEWAGE IMPACTED SOILS WM Profile # 489225PAE		No. Type		15. Misc. Comments			
b. WM Profile #							
c. WM Profile #							
d. WM Profile #							
J. Additional Descriptions for Materials Listed Above		K. Disposal Location		Cell		Level	
BILL TO: ENVIRONMENTAL WASTE MINIMIZATION, INC.		Grid					
15. Special Handling Instructions and Additional Information							
Purchase Order #				EMERGENCY CONTACT / PHONE NO.:			
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.							
Printed Name Teresa Lundberg		Signature "On behalf of"		Month		Day	
				1		14	
						21	
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed Name Rolando Jimenez		Signature		Month	
						7	
						14	
						21	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed Name		Signature		Month	
19. Certificate of Final Treatment/Disposal I certify on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.							
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.		Printed Name		Signature		Month	

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Pink- FACILITY USE ONLY

Blue- GENERATOR #2 COPY

Gold- TRANSPORTER #1 COPY

Yellow- GENERATOR #1 COPY



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

Reprint
Ticket# 1106489
Ph: 2157361700

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

Tkt Date 01/14/2021	Vehicle# 47	Volume
Pay Type Credit Account	Trailer#	
Billing# 0000926	License#	
Acc Tons 171.65	Driver	
Man Tk#	Haul Tk#	
PO# 111672	Dest	

Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI	Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT
EPA ID NA	Waste # 506
Manifest 000017	Origin #/County NY/NEW YORK (State of),NY
Route	Origin Name NEW YORK
	Grid F3 01-14-21

Time	Scale-Cert Date	Operator	Operation Inbound	Type-Inbound Gross	
In 01/14/2021 14:32	FAIRLESS_LAB_	rburns		Tare	75520 lb
Out 01/14/2021 15:03	FAIRLESS_LANE	B Donovan	86176	Net	28620 lb
				Tons	46900 lb
					23.45

Comments License: as211a, AK, Owner: , Address: , AK, . Phone: .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T 100		23.45	Tons				NY

Total Tax
Total Ticket

Weighmaster: _____ Driver`s Signature_____



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.		Manifest Doc No.		2. Page 1 of 1	
3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101		Generator's Site Address (if different than mailing): MATA CD EAST SIDE ACCESS MTA MID-DAY STORAGE <i>CD 033</i> SUNNYSIDE YARD, QUEENS, NY 11101 County: QUEENS		A. Manifest Number WMNA		000017	
4. Generator's Phone 631-332-9526				B. State Generator's ID			
5. Transporter 1 Company Name <i>Cumma Environmental</i>		6. US EPA ID Number		C. State Transporter's ID		D. Transporter's Phone	
7. Transporter 2 Company Name <i>47-AS211A</i>		8. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone	
9. Designated Facility Name and Site Address Fairless Landfills 1000 New Ford Mill Rd Morrisville, PA 19067		10. US EPA ID Number		G. State Facility ID		H. State Facility Phone	
11. Description of Waste Materials		12. Containers		13. Total Quantity		14. Unit Wt./Vol.	
a. NON-HAZARDOUS SEWAGE IMPACTED SOILS <i>Yard to Northern Blvd</i> WM Profile # 489225PAE		No. Type		001 DT			
b. WM Profile #							
c. WM Profile #							
d. WM Profile #							
J. Additional Descriptions for Materials Listed Above		K. Disposal Location		Cell		Level	
BILL TO: ENVIRONMENTAL WASTE MINIMIZATION, INC.		Grid					
15. Special Handling Instructions and Additional Information							
Purchase Order #				EMERGENCY CONTACT / PHONE NO.:			
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.							
Printed Name <i>Tenzin Khondog</i>		Signature "On behalf of" <i>[Signature]</i> MTA-CD		Month 1		Day 19	
				Year 21			
17. Transporter 1 Acknowledgement of Receipt of Materials							
Printed Name <i>Chel Amagor</i>		Signature <i>[Signature]</i>		Month 1		Day 14	
				Year 21			
18. Transporter 2 Acknowledgement of Receipt of Materials							
Printed Name		Signature		Month		Day	
				Year			
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.							
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.							
Printed Name <i>[Signature]</i>		Signature <i>[Signature]</i>		Month 1		Day 14	
				Year 21			
White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY				Blue- GENERATOR #2 COPY		Yellow- GENERATOR #1 COPY	
Pink- FACILITY USE ONLY				Gold- TRANSPORTER #1 COPY			



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

Reprint
Ticket# 1106500
Ph: 2157361700

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

Tkt Date 01/14/2021	Vehicle# 4	Volume
Pay Type Credit Account	Trailer#	
Billing# 0000926	License# AU111V	
Acc Tons 194.87	Driver	
Man Tk#	Haul Tk#	
PO# 111672	Dest	

Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI	Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT
EPA ID NA	Waste # 506
Manifest 000018	Origin #/County NY/NEW YORK (State of),NY
Route	Origin Name NEW YORK
	Grid F3 01-14-21

Time	Scale-Cert Date	Operator	Operation Inbound	Type-Inbound Gross	
In 01/14/2021 14:44	FAIRLESS_LAB_	rburns		Tare	74560 lb
Out 01/14/2021 15:13	FAIRLESS_LANE	B Donovan	86176	Net	28120 lb
				Tons	46440 lb
					23.22

Comments License: , AK, Owner: , Address: , AK, . Phone: .

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	23.22	Tons				NY

Total Tax
Total Ticket

Weighmaster: _____ Driver`s Signature_____



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.		Manifest Doc No.		2. Page 1 of 1	
3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101		Generator's Site Address (if different than mailing): MATA CD EAST SIDE ACCESS MTA MID-DAY STORAGE <i>10033</i> SUNNYSIDE YARD, QUEENS, NY 11101 County: QUEENS		A. Manifest Number WMNA		000018	
4. Generator's Phone 631-332-9526		5. Transporter 1 Company Name <i>Ciencia Coastal Trucking</i>		6. US EPA ID Number		B. State Generator's ID	
7. Transporter 2 Company Name <i>AVIATE #24</i>		8. US EPA ID Number		C. State Transporter's ID		D. Transporter's Phone	
9. Designated Facility Name and Site Address Fairless Landfills 1000 New Ford Mill Rd Morrisville, PA 19067		10. US EPA ID Number		E. State Transporter's ID		F. Transporter's Phone	
11. Description of Waste Materials		12. Containers		13. Total Quantity		14. Unit Wt./Vol.	
a. NON-HAZARDOUS SEWAGE IMPACTED SOILS <i>Lead to Northern Blvd</i>		No. 001 Type DT		ESP 21		1000	
WM Profile # 489225PAE							
b. WM Profile #							
c. WM Profile #							
d. WM Profile #							
J. Additional Descriptions for Materials Listed Above		K. Disposal Location		Cell		Level	
BILL TO: ENVIRONMENTAL WASTE MINIMIZATION, INC.		Grid					
15. Special Handling Instructions and Additional Information							
Purchase Order #							
EMERGENCY CONTACT / PHONE NO.:							
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.							
Printed Name <i>Tenzin Lhundup</i>		Signature "On behalf of" <i>[Signature]</i> MTA-ESA		Month 1		Day 14	
				Year 21			
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed Name <i>John Solorzano</i>		Signature <i>[Signature]</i>		Month 01	
						Day 14	
						Year 2021	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed Name		Signature		Month	
						Day	
						Year	
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.							
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.							
Printed Name <i>[Signature]</i>		Signature <i>[Signature]</i>		Month 1		Day 14	
				Year 21			

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Blue- GENERATOR #2 COPY

Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY

Gold- TRANSPORTER #1 COPY



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

Reprint
Ticket# 1106505
Ph: 2157361700

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

Tkt Date 01/14/2021	Vehicle# 05	Volume
Pay Type Credit Account	Trailer#	
Billing# 0000926	License# au926u	
Acc Tons 236.38	Driver	
Man Tk#	Haul Tk#	
PO# 111672	Dest	

Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI	Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT
EPA ID NA	Waste # 506
Manifest 000019	Origin #/County NY/NEW YORK (State of),NY
Route	Origin Name NEW YORK
	Grid F3 01-14-21

Time	Scale-Cert Date	Operator	Operation Inbound	Type-Inbound Gross	
In 01/14/2021 14:46	FAIRLESS_LAB_	rburns		Tare	73100 lb
Out 01/14/2021 15:14	FAIRLESS_LANE	B Donovan	86176	Net	27980 lb
				Tons	45120 lb
					22.56

Comments

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

Total Tax
Total Ticket

Weighmaster: _____ Driver`s Signature_____



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.		Manifest Doc No.		2. Page 1 of 1	
3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101		Generator's Site Address (if different than mailing): MATACD EAST SIDE ACCESS MTA MID-DAY STORAGE <i>C0033</i> SUNNYSIDE YARD, QUEENS, NY 11101 County: QUEENS		A. Manifest Number WMNA		000019	
4. Generator's Phone 631-332-9526				B. State Generator's ID			
5. Transporter 1 Company Name <i>CUEHCA CORONEL</i>		6. US EPA ID Number <i>H.J.850</i>		C. State Transporter's ID			
7. Transporter 2 Company Name <i>#05 AU926U/H-J</i>		8. US EPA ID Number		D. Transporter's Phone			
9. Designated Facility Name and Site Address Fairless Landfills 1000 New Ford Mill Rd Morrisville, PA 19067		10. US EPA ID Number		E. State Transporter's ID			
				F. Transporter's Phone			
				G. State Facility ID			
				H. State Facility Phone			
11. Description of Waste Materials		12. Containers		13. Total Quantity		14. Unit Wt./Vol.	
a. NON-HAZARDOUS SEWAGE IMPACTED SOILS <i>Yard to Northern Blvd</i>		No. Type		Quantity		I. Misc. Comments	
WM Profile # 489225PAE		001 DT		15.00			
b. WM Profile #							
c. WM Profile #							
d. WM Profile #							
J. Additional Descriptions for Materials Listed Above		K. Disposal Location		Cell		Level	
BILL TO: ENVIRONMENTAL WASTE MINIMIZATION, INC.				Grid			
15. Special Handling Instructions and Additional Information							
Purchase Order #		EMERGENCY CONTACT / PHONE NO.:					
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.		Printed Name <i>Tenzin Chundup</i>		Signature "On behalf of" <i>[Signature]</i> MTA-ESA		Month Day Year 1 14 21	
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed Name <i>EDISON ALVAREZ</i>		Signature <i>E. ALVAREZ</i>		Month Day Year 01 14 21	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed Name		Signature		Month Day Year	
19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.							
20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.		Printed Name		Signature		Month Day Year 1 14 21	

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY
Pink- FACILITY USE ONLY
Blue- GENERATOR #2 COPY
Gold- TRANSPORTER #1 COPY
Yellow- GENERATOR #1 COPY



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

Reprint
Ticket# 1106508
Ph: 2157361700

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

Tkt Date 01/14/2021	Vehicle# 63	Volume
Pay Type Credit Account	Trailer#	
Billing# 0000926	License# AS467U	
Acc Tons 236.38	Driver	
Man Tk#	Haul Tk#	
PO# 111672	Dest	

Generator 132-MTACDEASTSIDEACCESS MTACD EAST SI	Profile# 489225PAE (NON-HAZARDOUS SEWER-IMPACT
EPA ID NA	Waste # 506
Manifest 000020	Origin #/County NY/NEW YORK (State of),NY
Route	Origin Name NEW YORK
	Grid F3 01-14-21

Time	Scale-Cert Date	Operator	Operation Inbound	Type-Inbound Gross	
In 01/14/2021 14:48	FAIRLESS_LAB_	rburns		Tare	65520 lb
Out 01/14/2021 15:14	FAIRLESS_LANE	B Donovan	86176	Net	27620 lb
				Tons	37900 lb
					18.95

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Sp. W.-T	100	18.95	Tons				NY

Total Tax
Total Ticket

Weighmaster: _____ Driver`s Signature_____



NON-HAZARDOUS MANIFEST

NON-HAZARDOUS MANIFEST		1. Generator's US EPA ID No.	Manifest Doc No.		2. Page 1 of 1	
3. Generator's Mailing Address: MTACC EAST SIDE ACCESS 29-76 NORTHERN BLVD 5 TH FL LONG ISLAND CITY, 11101		Generator's Site Address (if different than mailing): MATACD EAST SIDE ACCESS MTA MID-DAY STORAGE <i>CA033</i> SUNNYSIDE YARD, QUEENS, NY 11101 County: QUEENS		A. Manifest Number WMNA 000020		
4. Generator's Phone 631-332-9526		6. US EPA ID Number <i>NY-850</i>		B. State Generator's ID		
5. Transporter 1 Company Name <i>WENACORP</i>		8. US EPA ID Number		C. State Transporter's ID		
7. Transporter 2 Company Name <i>AS467U #63</i>		10. US EPA ID Number		D. Transporter's Phone		
9. Designated Facility Name and Site Address Fairless Landfills 1000 New Ford Mill Rd Morrisville, PA 19067				E. State Transporter's ID		
				F. Transporter's Phone		
				G. State Facility ID		
				H. State Facility Phone		
GENERATOR	11. Description of Waste Materials		12. Containers	13. Total Quantity	14. Unit Wt./Vol.	I. Misc. Comments
	a. NON-HAZARDOUS SEWAGE IMPACTED SOILS <i>Ord to Northern Blvd</i>		No. 001 Type DT	EST 25	100 L	
	WM Profile # 489225PAE					
	b. WM Profile #					
	c. WM Profile #					
	d. WM Profile #					
	J. Additional Descriptions for Materials Listed Above		K. Disposal Location			
	BILL TO: ENVIRONMENTAL WASTE MINIMIZATION, INC.		Cell		Level	
			Grid			
	15. Special Handling Instructions and Additional Information					
Purchase Order # _____ EMERGENCY CONTACT / PHONE NO.: _____						
16. GENERATOR'S CERTIFICATE: I hereby certify that the above-described materials are not hazardous wastes as defined by CFR Part 261 or any applicable state law, have been fully and accurately described, classified and packaged and are in proper condition for transportation according to applicable regulations.						
Printed Name <i>Jenzin Chundur</i>			Signature "On behalf of" <i>[Signature]</i>		Month 1	Day 14
					Year 21	
TRANSPORTER	17. Transporter 1 Acknowledgement of Receipt of Materials			Month 1		
	Printed Name <i>Nelson Tama</i>			Signature <i>Nelson Tama</i>		Day 14
					Year 21	
18. Transporter 2 Acknowledgement of Receipt of Materials			Month			
Printed Name			Signature		Day	
					Year	
FACILITY	19. Certificate of Final Treatment/Disposal I certify, on behalf of the above listed treatment facility, that to the best of my knowledge, the above-described waste was managed in compliance with all applicable laws, regulations, permits and licenses on the dates listed above.					
	20. Facility Owner or Operator: Certification of receipt of non-hazardous materials covered by this manifest.					
Printed Name <i>[Signature]</i>			Signature <i>[Signature]</i>		Month 1	
					Day 14	
					Year 21	

White- TREATMENT, STORAGE, DISPOSAL FACILITY COPY

Blue- GENERATOR #2 COPY

Yellow- GENERATOR #1 COPY

Pink- FACILITY USE ONLY

Gold- TRANSPORTER #1 COPY



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

Custody Information

Collected by:
Received by: B
Analyzed by: see "By" below

Date

09/15/20
09/15/20

Time

8:30
14:52

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	By	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
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
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
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
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
Reactivity Cyanide	< 6	6	mg/Kg	1	09/16/20	GD	SW846 7.3.3.1/90
Reactivity Sulfide	42.2	20	mg/Kg	1	09/16/20	GD	SW846 CH7
Reactivity	Negative		Pos/Neg	1	09/16/20	GD	SW846-React
Volatile Solids @ 500C	5.1	0.1	%	1	09/15/20	AP/ARG	SM2540E MOD-11
ASTM Extraction	Completed				09/15/20	AW	D 3987 85

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By
Paint Filter Test	Failed		PASS/FAIL		09/15/20	B SW9095B
Sludge Ext. for PCB	Completed				09/18/20	E/E SW3550C
TCLP Digestion Mercury	Completed				09/16/20	VT/AW 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 Biphenyls

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

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By
g-BHC (Lindane)	ND	1.0	ug/L	10	09/21/20	CG SW8081B
Heptachlor	ND	1.0	ug/L	10	09/21/20	CG SW8081B
Heptachlor epoxide	ND	1.0	ug/L	10	09/21/20	CG SW8081B
Methoxychlor	ND	1.0	ug/L	10	09/21/20	CG SW8081B
Toxaphene	ND	42	ug/L	10	09/21/20	CG SW8081B
<u>QA/QC Surrogates</u>						
%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 %

TCLP Volatiles

1,1-Dichloroethene	ND	50	ug/L	10	09/16/20	HM SW846 1311/8260
1,2-Dichloroethane	ND	50	ug/L	10	09/16/20	HM SW846 1311/8260
Benzene	ND	50	ug/L	10	09/16/20	HM SW846 1311/8260
Carbon tetrachloride	ND	50	ug/L	10	09/16/20	HM SW846 1311/8260
Chlorobenzene	ND	50	ug/L	10	09/16/20	HM SW846 1311/8260
Chloroform	ND	50	ug/L	10	09/16/20	HM SW846 1311/8260
Methyl ethyl ketone	ND	50	ug/L	10	09/16/20	HM SW846 1311/8260
Tetrachloroethene	ND	50	ug/L	10	09/16/20	HM SW846 1311/8260
Trichloroethene	ND	50	ug/L	10	09/16/20	HM SW846 1311/8260
Vinyl chloride	ND	50	ug/L	10	09/16/20	HM SW846 1311/8260

QA/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 %

TCLP Acid/Base-Neutral

1,4-Dichlorobenzene	ND	83	ug/L	1	09/17/20	WB SW-846 1311/8270
2,4,5-Trichlorophenol	ND	83	ug/L	1	09/17/20	WB SW-846 1311/8270
2,4,6-Trichlorophenol	ND	83	ug/L	1	09/17/20	WB SW-846 1311/8270
2,4-Dinitrotoluene	ND	83	ug/L	1	09/17/20	WB SW-846 1311/8270
2-Methylphenol (o-cresol)	ND	83	ug/L	1	09/17/20	WB SW-846 1311/8270
3&4-Methylphenol (m&p-Cresol)	ND	83	ug/L	1	09/17/20	WB SW-846 1311/8270
Hexachlorobenzene	ND	83	ug/L	1	09/17/20	WB SW-846 1311/8270
Hexachlorobutadiene	ND	83	ug/L	1	09/17/20	WB SW-846 1311/8270
Hexachloroethane	ND	83	ug/L	1	09/17/20	WB SW-846 1311/8270
Nitrobenzene	ND	83	ug/L	1	09/17/20	WB SW-846 1311/8270
Pentachlorophenol	ND	83	ug/L	1	09/17/20	WB SW-846 1311/8270
Pyridine	ND	83	ug/L	1	09/17/20	WB SW-846 1311/8270

QA/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 %
% Terphenyl-d14	111		%	1	09/17/20	WB 30 - 130 %

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By
-----------	--------	------------	-------	----------	-----------	----

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 (preceded 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:

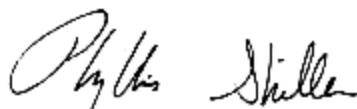
This sample was received with a pH>=2; pH was adjusted to <2 (EPA requires preservation at time of sampling to a pH of <2.) A sample bias can not be ruled out.

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

Sample Criteria Exceedances Report

GCG77361 - TECTONIC

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

State: NY

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis 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.

TABLE A PARAMETERS

GCG 77361

p. 2 of 3

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

**TABLE A PARAMETERS**

GCG-77361

P.3 of 3

*Volatile Organic Compounds must be taken from discrete samples

	Parameter Name	Type	Category	Limits	Units	85% of Limit
<input type="checkbox"/>	Nitrobenzene	TCLP	Base/Neutral	2	mg/l	1.7
<input type="checkbox"/>	Pyridine	TCLP	Base/Neutral	5	mg/l	4.25
<input type="checkbox"/>	* 1,1-dichloroethylene	TCLP	Volatiles	0.7	mg/l	0.595
<input type="checkbox"/>	* 1,2-dichloroethane	TCLP	Volatiles	0.5	mg/l	0.425
<input type="checkbox"/>	* 1,4-dichlorobenzene	TCLP	Volatiles	7.5	mg/l	6.375
<input type="checkbox"/>	* Benzene	TCLP	Volatiles	0.5	mg/l	0.425
<input type="checkbox"/>	* Carbon Tetrachloride	TCLP	Volatiles	0.5	mg/l	0.425
<input type="checkbox"/>	* Chlorobenzene	TCLP	Volatiles	100	mg/l	85
<input type="checkbox"/>	* Chloroform	TCLP	Volatiles	8	mg/l	6.8
<input type="checkbox"/>	* Methyl ethyl ketone	TCLP	Volatiles	200	mg/l	170
<input type="checkbox"/>	* Tetrachloroethylene	TCLP	Volatiles	0.7	mg/l	0.595
<input type="checkbox"/>	* Trichloroethylene	TCLP	Volatiles	0.5	mg/l	0.425
<input type="checkbox"/>	* Vinyl Chloride	TCLP	Volatiles	0.2	mg/l	0.17

OU-5 Construction Completion Report
Sunnyside Yard
Queens, New York

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

Table of Contents

CERTIFICATION.....	1
1. Introduction	2
1.1 Summary of Site Remedial History	2
1.2 Summary of OU-5 Remedial Activities Completed.....	2
1.2.1 MH-38 Remedial Activities	2
1.2.2 MH-40 Remedial Activities	3
1.2.2.1 MH-40 Inspections, Additional Clean Out and Weir Construction	3
1.2.3 Weir Construction.....	4
2. Manhole MH-40 Inspection	5
2.1 MH-40 Inspections.....	5
3. Manhole MH-40 Monitoring.....	6
3.1 Sewer Water and Sediment Monitoring.....	6
3.2 Sampling and Analytical Procedures.....	6
4. Manhole MH-40 Maintenance	7
4.1 Remediation Activities	7
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

May 19, 2022
Date

Signature



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 permit-required 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.

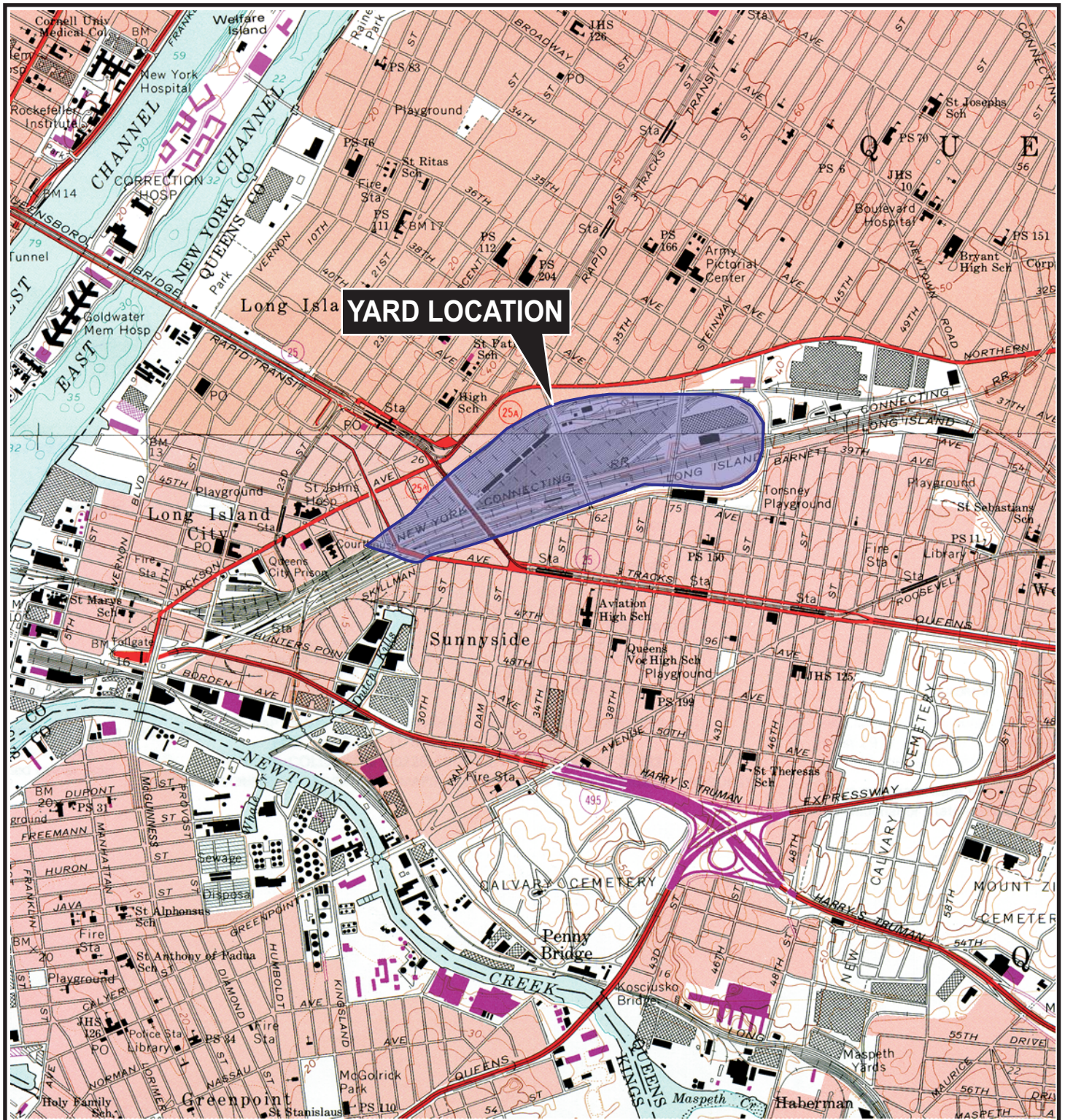
Roux Associates, Inc., 2010. Health and Safety Plan for the Operable Unit 5 (OU-5) Remedial Investigation, Sunnyside Yard, Queens, New York, May 2010.

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

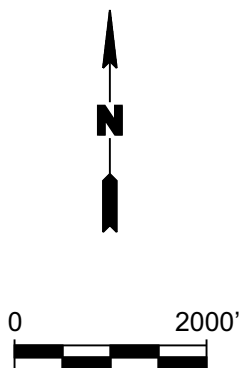
1. Location of Site
2. Manhole MH-40 Detail



QUADRANGLE LOCATION



SOURCE:
USGS; Brooklyn, NY
USGS; Central Park, NY
7.5 Minute Topographic Quadrangle



Title:

LOCATION OF SITE

OPERABLE UNIT 5
OPERATIONS, MAINTENANCE AND MONITORING PLAN
SUNNYSIDE YARD, QUEENS, NEW YORK

Prepared for:

AMTRAK

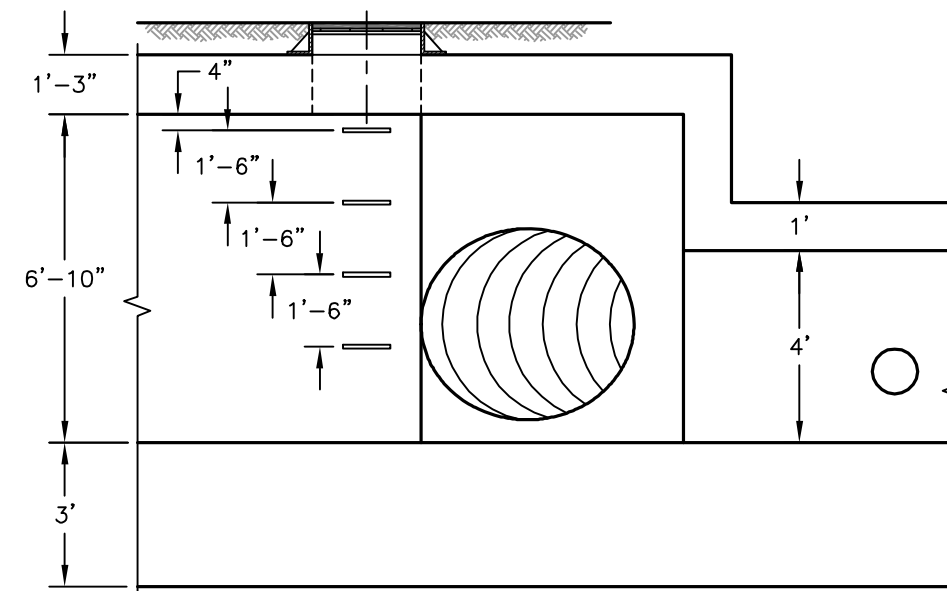
Remedial

REMEDIAL ENGINEERING, P.C.
ENVIRONMENTAL ENGINEERS

Compiled by: C.P.	Date: 07JAN16
Prepared by: G.M.	Scale: AS SHOWN
Project Mgr.: C.P.	Project No.: 0055.0050Y008
File: 0055.0050Y138.01.CDR	

FIGURE

1



APPROXIMATE SCALE: 1/4"=1'-0"



SAND-BAG WEIR CONSTRUCTED
AS PART OF OU-5 REMEDY

MANHOLE MH-40 DETAIL

AMTRAK

Compiled by: C.P.	Date: 07JAN16
Prepared by: G.M.	Scale: AS SHOWN
Project Mgr: C.P.	Project: 0055.0050Y008
File: 0055.0050Y138.02.DWG	

2



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:

Operation, Maintenance and Monitoring Task		Frequency	Last Recorded Inspection	Status	Action Required
Manhole MH-40 Weir	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	
	Available Freeboard	2Y		YES / NO	
	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	
Sewer Water	Inspection during Dry Conditions	2Y		YES / NO	
	Inspection during Wet Conditions	2Y		YES / NO	
	Odors observed	2Y		YES / NO	
	Water level	2Y		_____ feet	
	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	
Sewer Sediment	Inspection during Dry Conditions	2Y		YES / NO	
	Inspection during Wet Conditions	2Y		YES / NO	
	Odors observed	2Y		YES / NO	
	PID Readings	2Y		_____ ppm	
	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-custody procedures. Water and sediment samples submitted for laboratory analysis will be analyzed for PCBs via Method 8082.

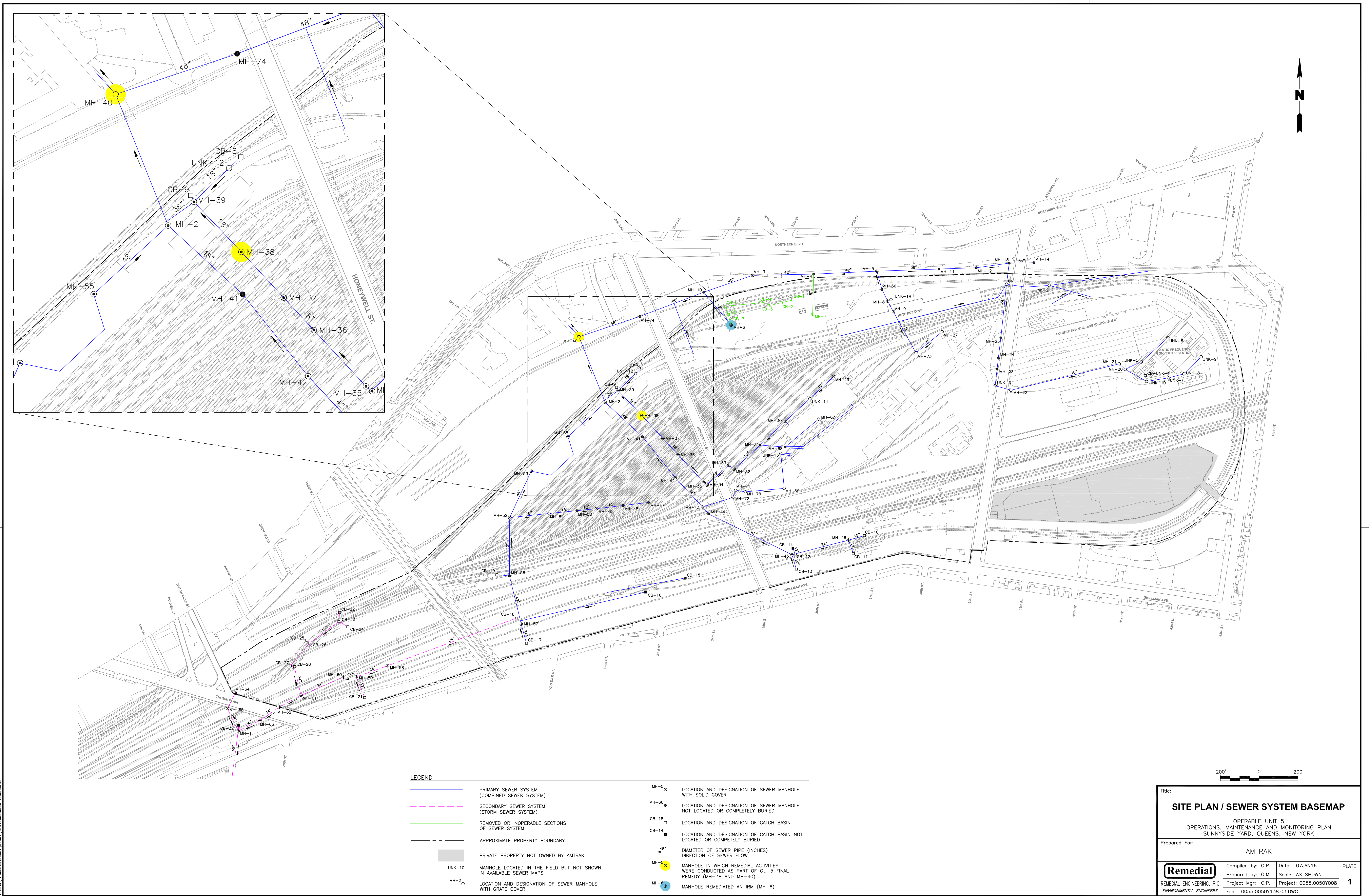
OM&M NOTES/ COMMENTS:

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

PLATE

1. Site Plan/Sewer System Basemap

V:\CAD PROJECTS\0055Y\0055Y138\0055.0050Y138.03.DWG

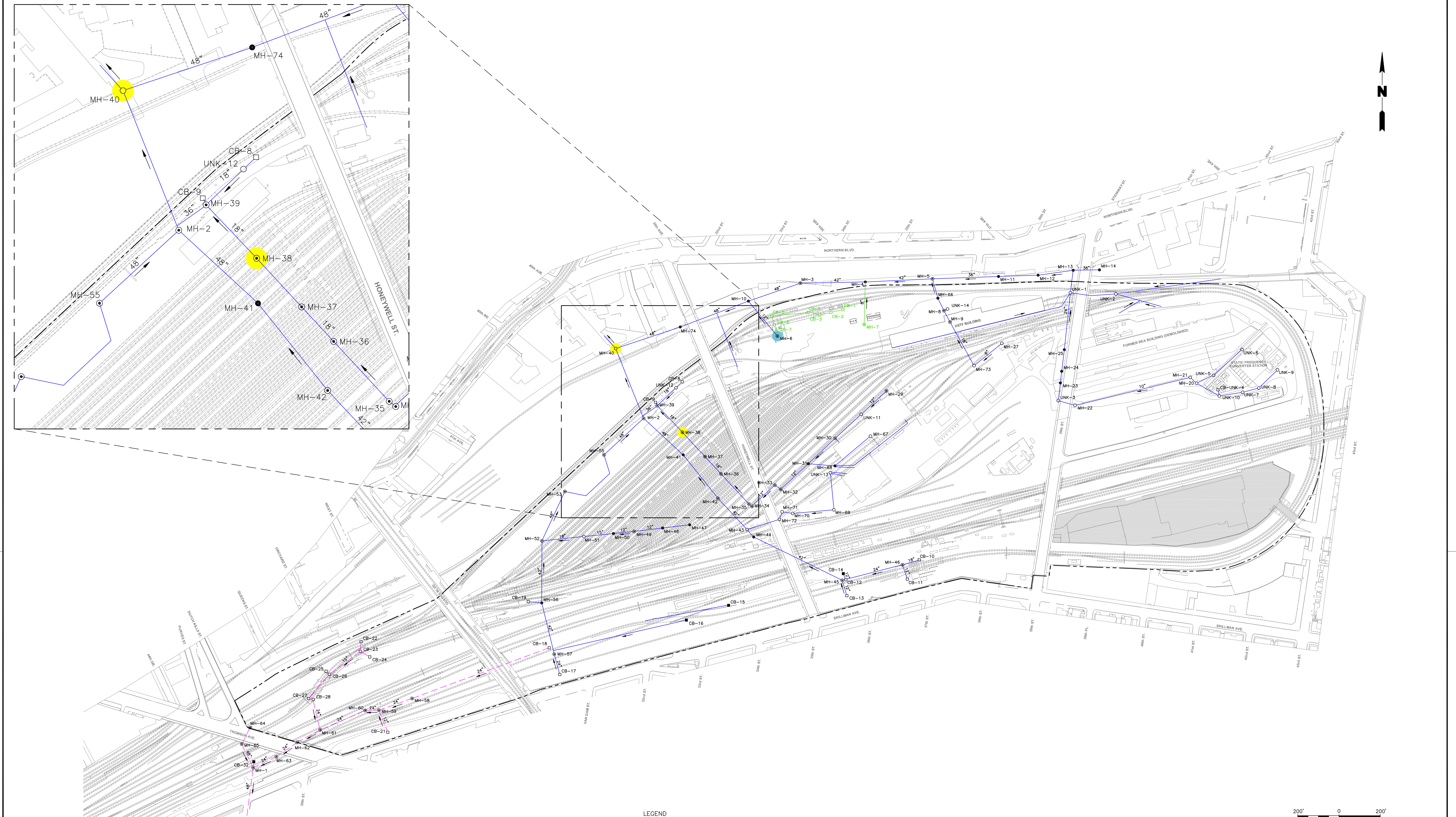


OU-5 Construction Completion Report
Sunnyside Yard
Queens, New York

PLATES

Site Plan Sewer System Basemap

V:\CAD\PROJECTS\005501135\0055.0050Y135.04.DWG



LEGEND

- | | | | |
|--|---|--|--|
| | PRIMARY SEWER SYSTEM
(COMBINED SEWER SYSTEM) | | LOCATION AND DESIGNATION OF SEWER MANHOLE
WITH SOLID COVER |
| | SECONDARY SEWER SYSTEM
(STORM SEWER SYSTEM) | | LOCATION AND DESIGNATION OF SEWER MANHOLE
NOT LOCATED OR COMPLETELY BURIED |
| | REMOVED OR INOPERABLE SECTIONS
OF SEWER SYSTEM | | LOCATION AND DESIGNATION OF CATCH BASIN |
| | APPROXIMATE PROPERTY BOUNDARY | | LOCATION AND DESIGNATION OF CATCH BASIN NOT
LOCATED OR COMPLETELY BURIED |
| | PRIVATE PROPERTY NOT OWNED BY AMTRAK | | DIAMETER OF SEWER PIPE (INCHES)
DIRECTION OF SEWER FLOW |
| | MANHOLE LOCATED IN THE FIELD BUT NOT SHOWN
IN AVAILABLE SEWER MAPS | | 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 | | MANHOLE REMEDIATED AN IRM (MH-6) |

200' 0 200'

Title:			
SITE PLAN / SEWER SYSTEM BASEMAP			
OPERABLE UNIT 5 CONSTRUCTION COMPLETION REPORT SUNNYSIDE YARD, QUEENS, NEW YORK			
Prepared For:			
AMTRAK			
Compiled by: J.G.	Date: 04JUN14	PLATE	
Prepared by: J.A.D.	Scale: AS SHOWN		
Project Mgr: R.S.K.	Project: 0055.0050Y008		
File: 0055.0050Y135.04.DWG			