

November 30, 2000

Steve Kaminski, Chief
Eastern Engineering Section
Bureau of Radiation and Hazardous Site Management
Division of Solid and Hazardous Materials
New York State Department of
Environmental Conservation
50 Wolf Road
Albany, NY 12233-7252

Re:

Morris Park Repair Facility Supplemental Closure Program Container Storage Area and Former Paint Stripping Area NYD980641625 RECEIVED

BUREAU OF RADIATION & HAZARDOUS SITE MANAGEMEN' DIVISION OF SOLID & HAZARDOUS MATERIALS

Dear Mr. Kaminski:

Enclosed please find one (1) copy of the following document:

"Supplemental Closure Program
Container Storage Area and
Former Paint Stripping Area
Long Island Rail Road
Morris Park Repair Facility, Richmond Hill, New York"

The enclosed report documents the supplemental closure activities undertaken at the referenced facility in accordance with the approved Closure Investigation Work Plan Addendum dated April 1998, and the Part 373 Post Closure Permit Application dated August 1999.

Steve Kaminski, Chief
Eastern Engineering Section
Bureau of Radiation and Hazardous Site Management
Division of Solid and Hazardous Materials
New York State Department of
Environmental Conservation
November 30, 2000

If you have any questions and/or comments, please do not hesitate to contact me at (718) 558-3252.

Very truly yours,

Lewis D. Wunderlich Environmental Engineer

LDW/ASA/ajmc

Enclosure

cc: S

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SUPPLEMENTAL CLOSURE PROGRAM

CONTAINER STORAGE AREA AND FORMER PAINT STRIPPING AREA LONG ISLAND RAIL ROAD MORRIS PARK REPAIR FACILITY, RICHMOND HILL, NEW YORK

Prepared by:

DVIRKA AND BARTILUCCI CONSULTING ENGINEERS WOODBURY, NEW YORK

Prepared for:

LONG ISLAND RAIL ROAD HOLLIS, NEW YORK

NOVEMBER 2000

SUPPLEMENTAL CLOSURE PROGRAM CONTAINER STORAGE AREA

AND

FORMER PAINT STRIPPING AREA LONG ISLAND RAIL ROAD MORRIS PARK REPAIR FACILITY, RICHMOND HILL, NEW YORK

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1.0 INTRODUCTION

This report presents the findings of a Supplemental Closure Program undertaken at two former hazardous waste management areas located at the Long Island Rail Road (LIRR) Morris Park Repair Facility (MPRF). This program was undertaken pursuant to a Work Plan Addendum and a Part 373 Post Closure Permit Application, both of which were approved by the New York State Department of Environmental Conservation (NYSDEC) by correspondence dated May 19, 1998 and November 18, 1998, respectively. It should also be noted that the Post Closure Permit Application was modified in August 1999, in consultation with the NYSDEC, to address revisions to the Groundwater Monitoring Plan that were determined to be necessary due to structural damage to an existing monitoring well. A brief description of the facility and the project background is presented in the following sections.

1.1 Facility Description

The Morris Park Repair Facility (MPRF) is located in the Richmond Hill section of Queens, New York, at the intersection of 121st Street and Atlantic Avenue. The main entrance to the complex is on 121st Street just north of its intersection with Atlantic Avenue. Figure 1-1 presents a Site Location Map for the MPRF. Approximately 21 acres are encompassed by the facility, which is located in a mixed industrial and residential urban area. The MPRF was the primary overhaul and major component repair complex for the Long Island Rail Road. Locomotive engines and both diesel and electric coach cars were completely serviced for all major repairs at this facility. Periodic maintenance inspections for the locomotives were performed in the roundhouse building. In addition, the rebuilding of all major mechanical and electrical components of LIRR equipment, transported from other repair facilities, was undertaken at the MPRF. Currently, the facility is comprised of the Locomotive Shop which is responsible for all maintenance and repair functions associated with the operation of the LIRR's diesel locomotive fleet.





LONG ISLAND RAIL ROAD MORRIS PARK REPAIR FACILITY RICHMOND HILL, NEW YORK

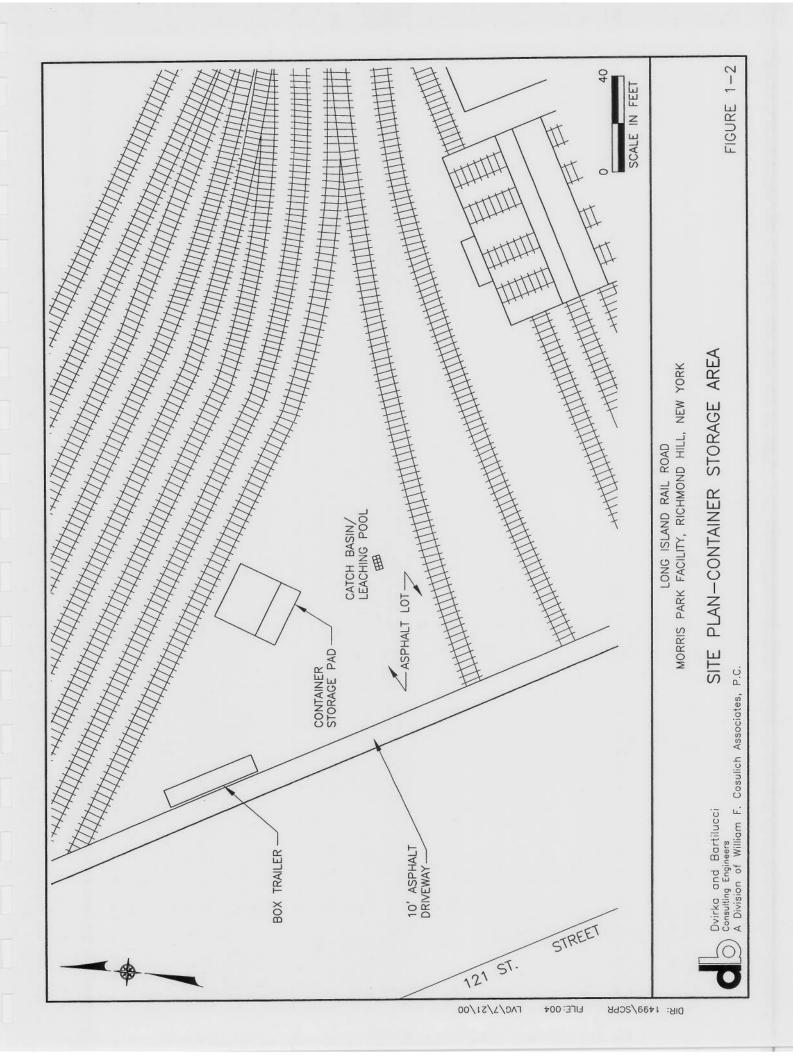
SITE LOCATION MAP

As mentioned above, the MPRF has in the past and currently provides for periodic inspections and routine maintenance of all diesel locomotives. Complete overhaul facilities for the locomotives are also located at this yard. A number of shops were located at this facility which facilitated the complete overhaul and repair of the electric train cars (M-1/M-3 Series Coach Cars), diesel locomotives and diesel coach cars. In addition to the above services, ancillary facilities, such as the wheel and air brake shop serviced various electrical and mechanical components from operations within the MPRF, as well as those components received from exchanges made at other off-site LIRR locations. All of these functions associated with other than diesel locomotive operation and maintenance were relocated to the Hillside Maintenance Complex in Hollis, New York.

The following presents a brief description of the two hazardous waste management areas at the facility known as the Container Storage Area and the Former Paint Stripping Area. As previously mentioned, these two areas are the subject of this Supplemental Closure Program.

Container Storage Area

The Container Storage Area is located north of the former Electric Car Truck Shop of the MPRF. Figure 1-2 presents a site plan of the Container Storage Area. Waste generated at the MPRF, as well as other off-site facilities, was previously transported to the Container Storage Area for temporary staging prior to off-site disposal by permitted vendors. There are three areas of concern regarding prior hazardous waste storage in the Container Storage Area that were addressed under this Supplemental Closure Program: a 25-foot by 28-foot concrete container storage pad with secondary containment used for the storage of hazardous waste, the asphalted area surrounding the concrete container storage pad, and a leaching pool that receives storm water runoff from the Container Storage Area.



Former Paint Stripping Area

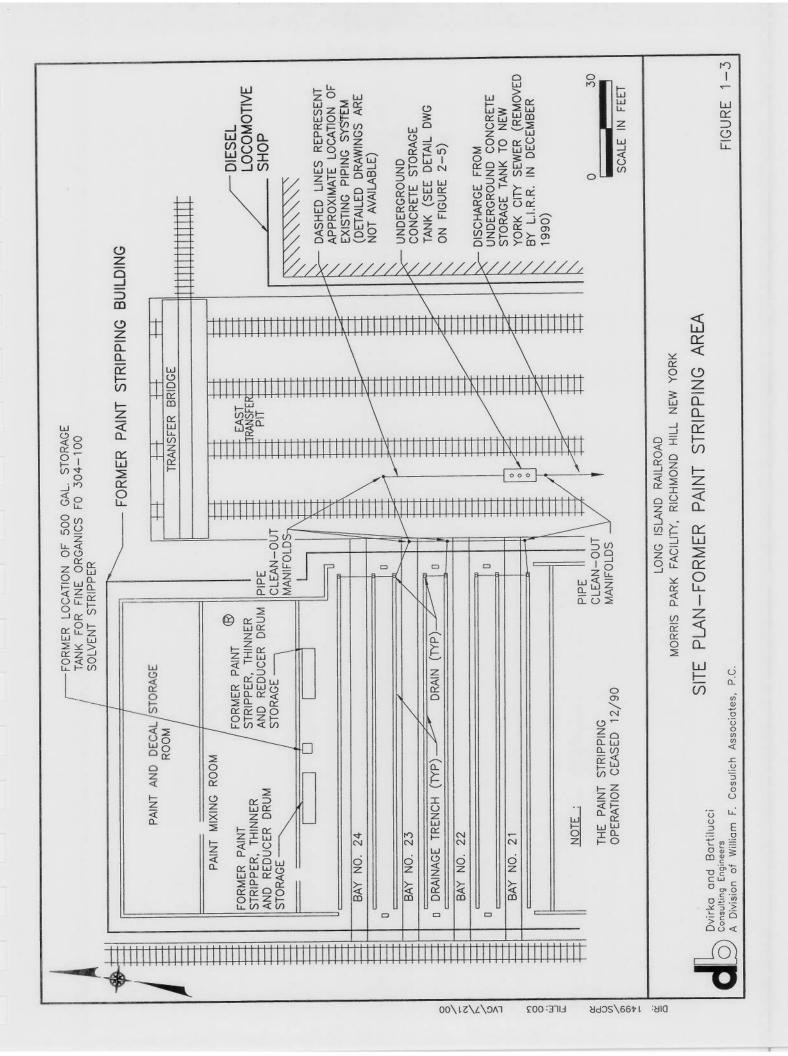
Paint stripping operations previously occurred at the paint shop, located at the northern end of the building situated between the West and East Transfer Pits. Figure 1-3 presents a Site Plan of the Former Paint Stripping Area. Operations in the paint shop involved the stripping of paint and decals from the exterior shell of both electric and diesel coach train cars in Bays 21 through 24. A solvent-based stripper solution consisting of approximately 57% methylene chloride, 15% isopropyl alcohol, 5% toluene and 3% methanol was applied with a spray gun system to the areas to be stripped. After the stripping was completed, the residual mixture was washed from the cars, collected in concrete troughs located within the floor of each bay, and conveyed to floor drains. The floor drains discharged to an underground settling tank system located in the East Transfer Pit immediately adjacent to the paint shop (see Figure 1-3). This system was designed to allow for the paint/decal solids to settle out of the rinse water prior to the discharge of wastewater to the sewerage system.

The underground storage tank is constructed of concrete and is located in the northwest portion of the East Transfer Pit. The tank is divided into two main sections. The larger, main section contains a 3-foot high concrete baffle topped by a steel mesh screen. The smaller section is a pump pit which previously conveyed the liquid from the tank to the municipal sewer system via an effluent pipe at the southern end of the tank.

There are two areas of concern regarding prior hazardous waste handling in the Former Paint Stripping Area that were addressed under this Supplemental Closure Program: the paint stripping bays and the concrete underground storage tank.

1.2 Project Background

On or about November 30, 1990, representatives of the New York State Department of Environmental Conservation (NYSDEC) conducted an inspection of the Long Island Rail Road's (LIRR) operations at the Morris Park Repair Facility (MPRF). The purpose of the inspection was



to ascertain the regulatory compliance of the facility with respect to New York State hazardous waste management rules and regulations. As a result of that inspection, the Department issued the LIRR a Notice of Violation and Order on Consent (Index Number C2-1625-91-04), dated December 6, 1990 addressing a number of violations it had uncovered with respect to its hazardous waste management regulations. In accordance with that letter, the paint stripping operation ceased and all flow of hazardous waste and/or hazardous waste constituents into the underground storage/settling tank system associated with the Former Paint Stripping Area at the MPRF was terminated.

Among numerous other activities undertaken by the LIRR to comply with the various requirements of the Order on Consent, were the preparation of Closure Plans for the Container Storage Area and Former Paint Stripping Area hazardous waste management units associated with former operations at the MPRF. The initial closure plans for the Container Storage Area and Former Paint Stripping Area were submitted to the Department in September 1991.

During the following two and one-half year period, the LIRR received four sets of technical comments from the Department on each Closure Plan. During this period, there was active discussion between the LIRR and the Department as to the regulatory status of the MPRF. Basically, discussion centered around whether the Container Storage Area and Former Paint Stripping Area were indeed "RCRA closures" or a New York State "Superfund" site. While a number of approaches were discussed, the concern centered around the fact that the facility was a large quantity generator of hazardous waste and was conducting "treatment" of its paint stripping rinse water stream generated by the former paint stripping operation. In this case, while the LIRR had clearly *achieved* interim status, the LIRR never *obtained* interim status by submission of a Part A Permit Application, nor did it apply for final status by virtue of any submission of a Part B Permit Application to the US Environmental Protection Agency (USEPA) or Part 373 Permit Application to the New York State Department of Environmental Conservation (NYSDEC).

This issue was further complicated by the fact that as a generator and treater of hazardous waste in underground storage tanks without secondary containment, the question arose with regard to its ability to achieve clean closure due to regulatory/definitional interpretations and the degree to which post closure care would in fact be required. Lastly, the issue of RCRA corrective action entered the discussion. As mentioned above, while the LIRR MPRF had certainly achieved interim status, it did not in fact obtain it by filing appropriate applications.

All of these events played a role in protracting the original schedule for developing, preparing and submitting the plans for approval by the Department. The Closure Plans were ultimately approved by the Department in a memorandum dated May 1994.

D&B Environmental Services Inc. was subsequently retained by the LIRR to implement the closure program. The Closure Program included analytical sampling of soil and groundwater, and decontamination activities in the Container Storage Area and Former Paint Stripping Area. The findings, conclusions and recommendations associated with this Closure Program were documented in a report entitled, "Closure Program – Container Storage Area and Former Paint Stripping Operation," dated January 1997. Based on analytical results from endpoint and final rinse water samples, recommendations were made for additional decontamination and remedial activities.

The NYSDEC approved the January 1997 Closure Program report in correspondence to the LIRR dated March 31, 1997. The detailed procedures and protocols to implement the additional closure activities required within the Container Storage Area and within the paint stripping bays of the Former Paint Stripping Area were presented in a NYSDEC-approved Work Plan Addendum dated April 1998 with the objective of achieving a "clean closure" of these areas. However, due to physical and operational constraints that effectively precluded the LIRR's ability to excavate and remove the hazardous waste underground storage tank in the East Transfer Pit, there was some concern over the ability to achieve a "clean closure" of this structure. As a result, the underground storage tank in the East Transfer Pit was addressed separately under a NYSDEC-approved Part 373 Post Closure Permit Application dated August

1999. Groundwater monitoring requirements were also addressed in the Part 373 Post Closure Permit Application.

Dvirka and Bartilucci Consulting Engineers was subsequently retained by the LIRR to provide engineering oversight of the implementation of the additional investigation, decontamination and remedial activities called for under the April 1998 Work Plan Addendum and the August 1999 Part 373 Post Closure Permit Application. This document presents the methodology, findings and conclusions of those activities.

2.0 SUPPLEMENTAL CLOSURE ACTIVITIES

The following section presents a summary of the closure activities which were previously undertaken in support of the January 1997 Closure Program, as well as those additional remedial activities conducted as part of this Supplemental Closure Program.

2.1 Container Storage Area

The following discussion pertains to areas of concern, which are, or were formerly located within the Container Storage Area. The leaching pool, container storage pad, and the asphalt lot are, or were formerly located within the container storage area. The following presents a description of the remedial activities which have been undertaken in each of these areas.

2.1.1 Leaching Pool

The leaching pool is located in the southern portion of the Container Storage Area and receives runoff from the asphalted area surrounding the container storage pad.

January 1997 Closure Program

Remediation within this leaching pool associated with the January 1997 Closure Program included removal of sediment/soil to a depth of 10 feet below grade and soil sampling to 14 feet below grade. Based upon this sampling, it was determined that removal of an additional 2 feet of sediment/soil should be performed (to a depth of 12 feet below grade). While it appeared that any additional decontamination efforts associated with the removal of the soil underlying the leaching pool could require the excavation and removal of the dome and ring structure, it was recommended that an additional 2 feet of soil be removed from the pool if it could be accomplished without undermining the structural integrity of the ring structure. *Immediately* upon removal of the soil, it was also recommended that the pool be backfilled to the original invert depth to minimize the potential for the ring structures to be undermined due to

precipitation from storm events. The Department concurred with these recommendations as well as with the remedial methodology outlined in the August 1998 Work Plan Addendum. The procedures associated with this task were carried out in support of the Supplemental Closure Program.

Supplemental Closure Program

In an effort to properly characterize the standing water present in the leaching pool for proper off-site transportation and disposal, on November 17, 1999, a sample was collected and sent to a New York State Department of Health Environmental Laboratory Approval Program (ELAP) certified laboratory for analysis for Toxicity Characteristic Leaching Procedure (TCLP) volatile organic compounds (VOCs), TCLP semivolatile organic compounds (SVOCs), TCLP metals, ignitability, corrosivity and reactivity. The standing water in the leaching pool was not found to exhibit any hazardous waste characteristics. However, on the day that remedial activities associated with the pool were to begin, the majority of standing liquid previously within the pool had recharged and no pumpable volume of water remained available for off-site transportation and disposal.

Field activities associated with the second phase of the leaching pool remediation were conducted on November 23, 1999. Prior to initiating the additional remediation, the depth to the sediment/soil within the leaching pool was measured at approximately 8 feet 8 inches. Soil removal was accomplished utilizing a Vactor 2045 vacuum truck fitted with approximately 12 feet of 6-inch PVC pipe. All material removed from within the pool accumulated within the storage compartment of the Vactor. Soil removal was accomplished to a depth of approximately 12.5 feet below grade in the center of the pool and 11 to 11.5 feet along the edges. The subcontractor performing the work was instructed to remove the maximum amount of sediment/soil practicable without compromising the structural integrity of the leaching pool itself. The contractor stated that the invert of the leaching pool rings were visible from grade and that removal of additional soil from the circumference of the ring structures could cause the leaching pool to collapse. The soil along the bottom of the unit was removed so as to slope

gradually from the circumference to the center. It should be noted that a large rock (approximately 2 to 3 feet in diameter) was present under the northeast portion of the pool invert. The contractor indicated that this rock extended below the leaching pool rings and that removal of this rock could compromise the structural integrity of the unit. At this location, soil removal was accomplished to approximately 10.5 feet below grade (the top of the rock).

Following removal of the sediment/soil, the leaching pool was immediately backfilled with approximately 10 cubic yards of clean mined sand to prevent the potential collapse of the pool. The backfill was compacted by puddling the material with potable water. Following backfilling, the leaching pool grate was replaced over the pool and covered with black polyethylene sheeting to prevent any material from the excavation activities being undertaken in the surrounding area from entering the pool.

The material within the Vactor was removed from the leaching pool and off-loaded into a roll-off container lined with black polyethylene sheeting. A composite sample of this material was collected and sent to an ELAP-certified laboratory for analysis for TCLP VOCs, TCLP SVOCs, TCLP metals, ignitability, corrosivity and reactivity. Following sampling, the roll-off container was covered with a tarp and staged on-site to await the results of the waste characterization sample. Subsequent to review of the analytical results, the soil/sediment was transported off-site for disposal as nonhazardous waste in accordance with applicable federal, state and local regulations.

Analytical summary tables presenting the characterization analyses, as well as raw laboratory analytical data associated with the waste characterization and any additional analytical requirements of the disposal facility, are presented in Appendix A. Waste manifests are presented in Appendix E.

2.1.2 Container Storage Pad

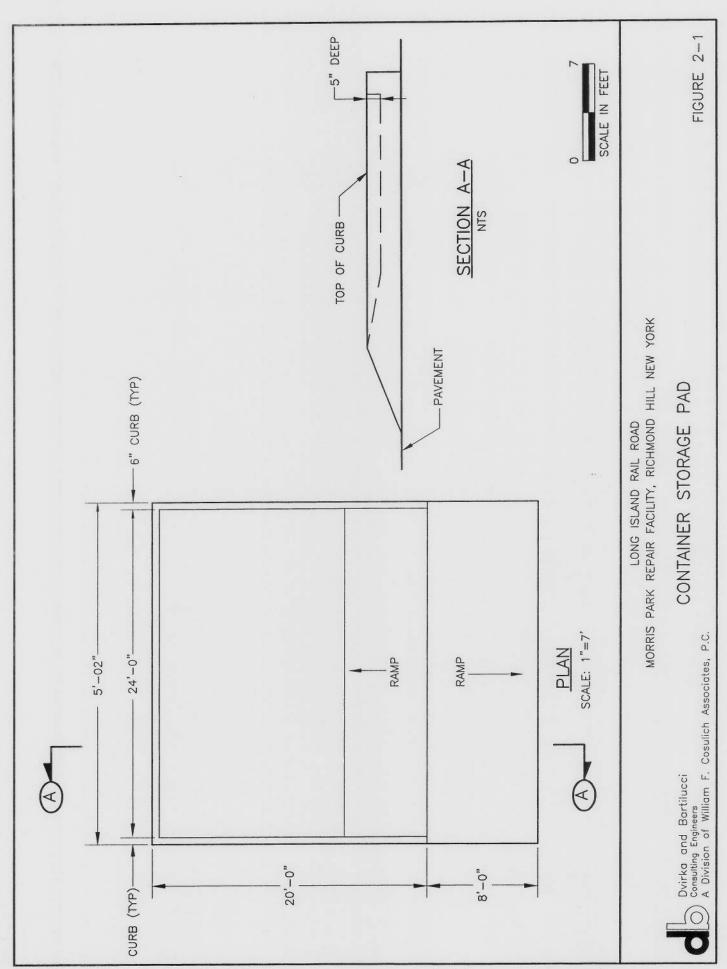
The Container Storage Pad is constructed of concrete and measures 25 feet by 28 feet. It is surrounded by a 6-inch wide concrete curb which is 5 inches deep and is designed to contain any releases from the material stored on the pad. The pad is located in the north central portion of the Container Storage Area and has a containment capacity of approximately 1,400 gallons. Figure 2-1 illustrates the dimensions of the pad.

January 1997 Closure Program

Based upon the analytical results of soil samples collected beneath the concrete Container Storage Pad, SVOCs and metals were determined to be present at concentrations above NYSDEC Action Levels to a depth of 4 feet below grade. Since the soil was overlain by the concrete Container Storage Pad, infiltration of precipitation in this area was either minimal, or precluded and therefore the migration of these contaminants to the water table interface (which exists over 40 feet below grade) did not appear to be likely. As a result further decontamination activities did not appear to be warranted to demonstrate protection of groundwater quality. However, since recommendations were made for the removal of the asphalt and underlying surficial soil for the areas immediately adjacent to the Concrete Storage Pad, it was also recommended to remove the pad and surficial soil underlying the pad.

The analytical results obtained from soil samples collected adjacent to the pad indicated that these areas have also been impacted by the storage activities associated with the Container Storage Pad. As a result, since the removal of the asphalt and underlying surficial soil was recommended for the areas immediately adjacent to the Concrete Storage Pad, recommendations were also made for removing the concrete pad and surficial soil underlying the pad.

The Department concurred with these recommendations and subsequently approved the methodology presented in the Closure Investigation Work Plan Addendum to further remediate



this Area of Concern. Procedures associated with these tasks were carried out in the Supplemental Closure Program.

Supplemental Closure Program

Field activities associated with the Container Storage Pad were conducted on November 16 through 17, 1999. The entire pad was broken up utilizing a Caterpillar 426B Turbo backhoe fitted with a jackhammer attachment. The concrete debris was staged to the west of the site and covered with polyethylene sheeting pending the analytical results of waste characterization samples. A composite concrete sample was sent to an ELAP-certified laboratory and analyzed for TCLP VOCs, TCLP SVOCs, TCLP metals, ignitability, corrosivity and reactivity. Following review of the analytical results, the concrete was loaded into roll-off containers and transported off-site for disposal as nonhazardous waste in accordance with all applicable federal, state and local regulations. A total of approximately 140 cubic yards of concrete was removed from the site.

Analytical summary tables presenting the characterization analyses, as well as raw laboratory analytical data associated with the waste characterization and any additional analytical requirements of the disposal facility, are presented in Appendix A. Waste manifests are presented in Appendix E.

2.1.3 Asphalt Lot

The asphalt lot comprises an approximate 8,000 square foot area surrounding the container storage pad. This area contained stains, discoloration and residue, and was noticeably eroded in various areas prior to the January 1997 closure program.

January 1997 Closure Program

The asphalt surrounding the Container Storage Pad was decontaminated to the maximum extent practicable by washing with a high pressure steam cleaner, detergent and a mild solution of muriatic acid. Although several areas of stained and eroded asphalt remained, the decontamination activities implemented in this area exceeded the requirements of the approved Closure Plan, which was to simply utilize an absorbent in this area to remove free-flowing liquids. Further decontamination efforts would likely only have resulted in additional erosion and degradation of the weathered asphalt. As a result, recommendations were not made for any additional decontamination activities. However, based upon the findings of the soil sampling program it was recommended that the asphalt and underlying surficial soil be removed and repaved to effectively "cap" the Container Storage Area to prevent the infiltration of precipitation.

The Department concurred with the recommendations of the January 1997 Closure Program report and subsequently approved the methodology presented in the Work Plan Addendum for further remediation of this area of concern. Procedures associated with these tasks were carried out in the Supplemental Closure Program.

Supplemental Closure Program

Field activities associated with remediation of the asphalt lot within the Container Storage Area consisted of three distinct phases. These three phases included: excavation of asphalt and soil; tank removal and remediation; and site restoration.

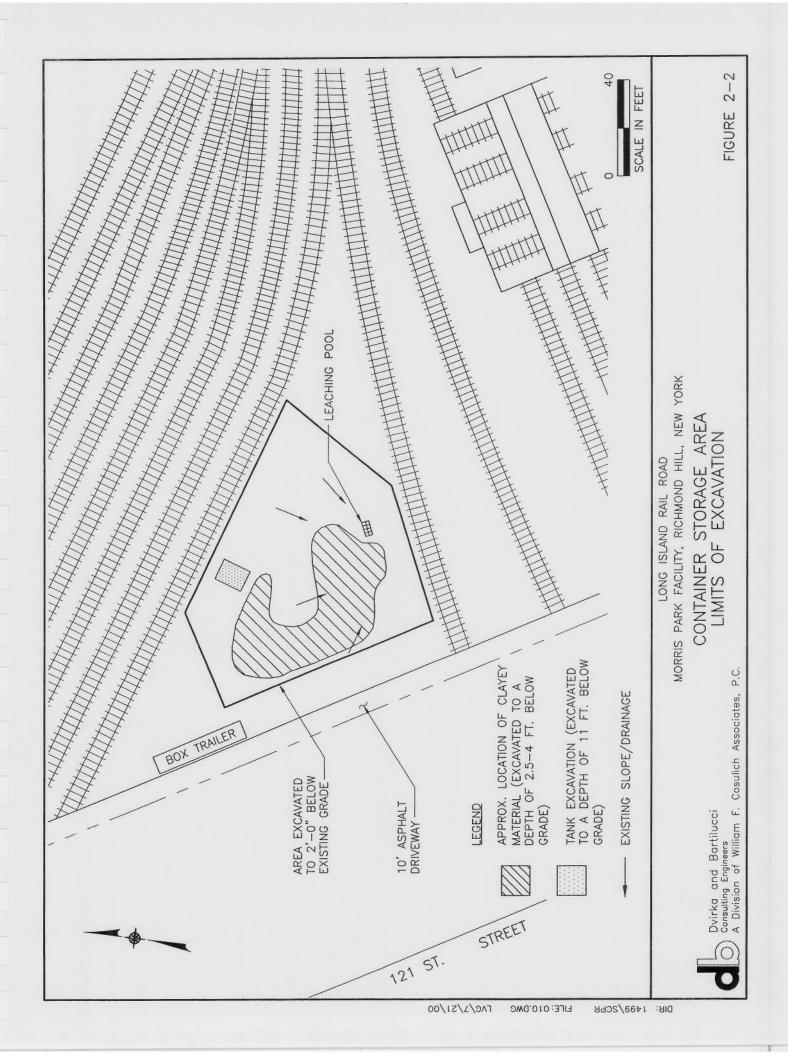
Excavation

Field activities associated with the excavation of material from the asphalt lot within the Container Storage Area were conducted from November 17, 1999, through December 3, 1999. Prior to the initiation of excavation, the limits of the excavation were delineated in accordance

with the requirements of the Work Plan Addendum. On November 17, 1999, removal of the asphalt from the area was initiated. The asphalt debris was staged to the east of the area to be remediated and covered with polyethylene sheeting. The limits of asphalt excavation are depicted in Figure 2-2. Asphalt removal was completed on November 18, 1999. A composite sample of the material was collected for waste characterization purposes. The composite asphalt sample was sent to an ELAP-certified laboratory and analyzed for TCLP VOCs, TCLP SVOCs, TCLP metals, ignitability, corrosivity and reactivity. Following review of the analytical results, the asphalt was loaded into roll-off containers and transported off-site for disposal as nonhazardous waste on December 1, 1999, in accordance with applicable federal, state and local regulations. A total of approximately five 20-cubic-yard roll-off loads of asphalt were removed from the site.

Analytical summary tables presenting the characterization analyses, as well as raw laboratory analytical data associated with the waste characterization and any additional analytical requirements of the disposal facility, are presented in Appendix A. Waste manifests are presented in Appendix E.

On November 18, 1999, excavation of the soil within the asphalt lot area was initiated. The limits of soil excavation and removal are depicted on Figure 2-2. All material identified within the lines of excavation, as defined in the Work Plan Addendum, was excavated and staged at the appropriate stockpile area depending upon the material encountered. Concrete was staged to the west of the excavation; asphalt was staged on the asphalt stockpile to the east of the excavation; and soil was staged on polyethylene sheeting to the south of the excavation. Each stockpile was covered with polyethylene sheeting at the end of each work day. During the excavation activities, a number of buried structures were encountered including a subgrade concrete slab, a previously backfilled abandoned leaching pool, and abandoned utility conduits. These structures were removed or leveled to a depth of 2 feet below grade in accordance with the provisions of the Work Plan Addendum.



A composite sample of the excavated concrete was collected for waste characterization purposes. The composite concrete sample was sent to an ELAP-certified laboratory and analyzed for TCLP VOCs, TCLP SVOCs, TCLP metals, ignitability, corrosivity and reactivity. Following review of the analytical results, the concrete was loaded into roll-off containers and transported off-site on November 30 and December 1, 1999, for proper disposal as nonhazardous waste in accordance with applicable federal, state and local regulations. A total of approximately 20 cubic yards of concrete was removed from the site. Analytical summary tables presenting the characterization analyses, as well as raw laboratory analytical data associated with the waste characterization and any additional analytical requirements of the disposal facility, are presented in Appendix A. Waste manifests are presented in Appendix E.

In situ waste characterization soil sampling was conducted prior to the excavation and removal of the soil from the area. The composite soil sample was sent to an ELAP-certified laboratory and analyzed for TCLP VOCs, TCLP SVOCs, TCLP metals, ignitability, corrosivity and reactivity. Following review of the analytical results, the soil was loaded into 10-wheel dump trucks and transported off-site on December 2 through 6, 1999, for proper disposal as nonhazardous waste in accordance with applicable federal, state and local regulations. A total of approximately 38 20-cubic-yard truck loads of soil were removed from the site. Analytical summary tables presenting the characterization analyses, as well as raw laboratory analytical data associated with the waste characterization and any additional analytical requirements of the disposal facility, are presented in Appendix A. Waste manifests are presented in Appendix E.

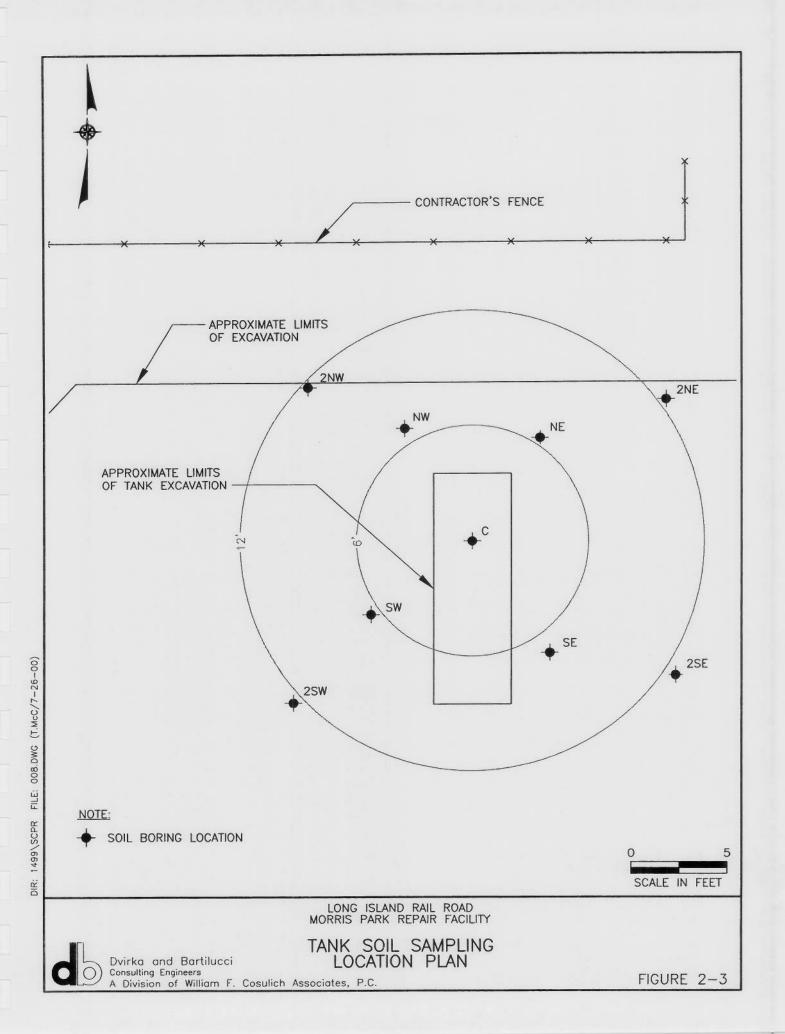
Tank Removal and Remediation

In addition to the buried structures encountered in the excavation which were mentioned in the previous section, an abandoned steel tank was also encountered approximately 20 feet east of the northwest corner of the excavation and 10 feet south of the northern limit. The tank measured approximately 2.5 feet in diameter and 4 feet in length. This tank was uncovered approximately 1-foot below grade during the excavation activities undertaken on November 19, 1999. The tank was filled with liquid which did not exhibit an odor or a visible sheen.

A sample of the liquid contained within the tank was sent to an ELAP-certified laboratory and analyzed for TCLP VOCs, TCLP SVOCs, TCLP metals, ignitability, corrosivity and reactivity. The analytical results of this material did not identify any constituents of concern to be in excess of regulatory limits. As a result, the tank was excavated, staged on polyethylene sheeting, and subsequently placed in a roll-off container and removed for off-site transportation and disposal as a nonhazardous waste. Analytical summary tables presenting the characterization analyses, as well as raw laboratory analytical data associated with the waste characterization and any additional analytical requirements of the disposal facility, are presented in Appendix A. Waste manifests are presented in Appendix E.

On December 3, 1999, two soil samples were collected from the soil beneath the tank and sent to an ELAP-certified laboratory to be analyzed for Spill Technology and Remediation Series (STARS) VOCs, STARS SVOCs and TCLP lead. The analytical results showed that elevated concentrations of some SVOCs were present in the soil beneath the tank and that lead was present at concentrations exceeding the Resource Conservation and Recovery Act (RCRA) limit (refer to Appendix A). Based upon these results, it was determined that further delineation of these elevated concentrations was necessary in order to focus remedial activities within the area.

On December 9, 1999, five soil borings were advanced within the tank excavation area to a depth of approximately 6 feet below the invert elevation of the tank. Soil samples were collected from the 2 to 4-foot and 4 to 6-foot depth intervals. The locations of these soil borings are depicted on Figure 2-3. One boring, denoted as soil boring "C," was located in the approximate center of the former tank area and the remaining four borings were located in an equidistant fashion on an approximate 6-foot radius from soil boring "C." These borings were denoted "NW" for northwest, "NE" for northeast, "SW" for southwest and "SE" for southeast. In addition, four borings were located on a 12-foot radius from soil boring "C" and denoted "2NW," "2NE," "2SW" and "2SE," respectively, and sampled in the same manner described above. All soil samples were sent to an ELAP-certified laboratory and analyzed for STARS total SVOCs and total lead. The soil samples collected from the borings located on the 12-foot radius



were sent to the laboratory and placed "on hold" to await the results of the first round of samples and to determine whether these additional sample analyses were required.

Analytical results associated with the delineation sampling are presented in Appendix A. The analytical results of all samples analyzed from the 6-foot radius were below corresponding NYSDEC-approved action levels. However, the sample collected from the 4 to 6-foot depth interval of soil boring "C" exceeded the action level for lead. Based upon these results, the samples collected from the 12-foot radius were not analyzed, and a remediation plan was developed in consultation with the NYSDEC. This plan called for the excavation of soil from within a 5-foot radius around the central location (soil boring "C") to a depth of 6 feet below the bottom of the tank, with the excavated material being transported off-site for disposal as a hazardous waste (exhibiting the characteristic of toxicity for lead).

On December 16, 1999, remediation activities addressing the soil located beneath the former tank were undertaken. Soil was excavated from within a 5-foot radius of the central location to a depth of 9 feet below surrounding grade (6 feet below the former tank). The limits of excavation are depicted on Figure 2-3. The excavated material was placed within two polyethylene-lined roll-off containers which were staged on-site in the southern area while a determination was made on the disposal facility to be utilized. The excavation was backfilled with run-of-bank sand in 1-foot lifts with backhoe bucket compaction to a depth of 5 feet below surrounding grade. The remainder of the excavation was backfilled to surrounding grade in 6-inch lifts with mechanical compaction. The soil was subsequently removed from the site on January 5, 2000, for off-site disposal as a hazardous waste exhibiting the characteristic of toxicity for lead in accordance with all applicable federal, state and local regulations. Analytical summary tables presenting the characterization analyses, as well as raw laboratory analytical data associated with the waste characterization and any additional analytical requirements of the disposal facility, are presented in Appendix A. Waste manifests are presented in Appendix E.

Site Restoration

Select fill material was transported to the site on January 5, 2000, and the entire area was backfilled and compacted, as required to match the surrounding subgrade elevation within the parking lot area. Backfill material was placed in 6-inch lifts and periodic compaction tests were taken by a certified laboratory, using a Troxler Nuclear Density Machine to determine if the specified 95% compaction results were being achieved.

Upon completion of backfilling and compacting operations to the required subgrade elevation, a 6-inch subbase was installed over the compacted select fill in accordance with the requirements of New York State Department of Transportation (NYSDOT) Type 4 specifications.

A 3-inch asphalt binder base was then placed over the compacted subbase in accordance with the requirements of NYSDOT Type 3 specifications.

Finally, a 2-inch top course of asphalt concrete was applied over the compacted asphalt binder in accordance with the requirements of NYSDOT Type 7 specifications to complete the restoration and "capping" of the Container Storage Area.

2.2 Former Paint Stripping Area

The following discussion pertains to the two areas of concern located within the former Paint Stripping Area: the paint stripping bays and the underground storage tank in the East Transfer Pit. The following presents a description of each area, as well as the closure activities which have been undertaken at each location.

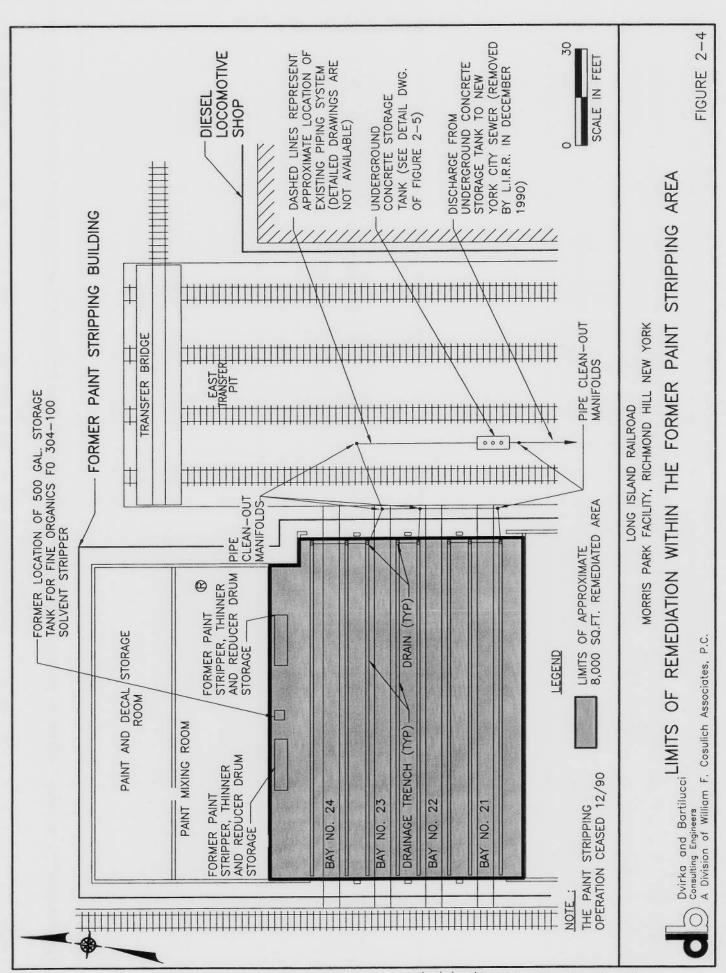
2.2.1 Paint Stripping Bays

As previously discussed, the former paint stripping operation was conducted within Bays 21 through 24 of the Paint Shop, which is located between the East and West Transfer Pits. This area is depicted on Figure 2-4. Operations involved the stripping of paint and decals from the exterior shell of both electric and diesel coach train cars. After the stripping was completed, the residual mixture was washed from the cars and collected in concrete troughs located on the bay floor. The troughs conveyed the spent solvent/rinse water mixture to floor drains, which, in turn, discharged to an underground storage tank system located in the East Transfer Pit, adjacent to the Paint Shop. From the underground storage tank, the supernatant was then discharged to the sewerage system.

January 1997 Closure Program

The concrete floor of the Paint Stripping Bays was decontaminated to the maximum extent practical, in accordance with the approved Closure Plan. The only volatile organic constituent detected in the final rinse water sample at a concentration above the NYSDEC Class GA Groundwater Standard was methylene chloride, which was found to be attributable to laboratory contamination since it was also detected in the method blank. However, a residual layer of dried paint sludge which could not be removed remained adhered to portions of the concrete floor. Analysis of this material indicated the presence of elevated concentrations of VOCs and SVOCs, and elevated concentrations of VOCs, PCBs and metals were present in concrete core samples collected from the floor of the bays.

Since the contamination, which was in the form of dried paint sludge, was characterized as an F-listed waste, D&B proposed a methodology for decontamination which was consistent with the performance standard outlined in the Debris Rule of the Land Disposal Restriction Rule. As a result, specifications were prepared to require the removal of 0.6 cm (approximately 0.25 inches) of the concrete surface of Bays 21 through 24 as a means of complying with the clean debris surface definition in accordance with the performance standards of the Debris Rule.



The methodology to be utilized to perform this task was outlined in the Work Plan Addendum and concurred with by the Department. Procedures associated with this task were subsequently carried out in the Supplemental Closure Program.

Supplemental Closure Program

Decontamination of the concrete floors in the Paint Stripping Bays was initiated on February 8, 2000, with the mechanical removal of dried paint sludge adhering to portions of the concrete floor simultaneously with the removal of 0.6 cm (approximately 0.25 inches) of the concrete floor surface. The work was undertaken over an approximate area of 8,000 square feet. The limits of this area are depicted on Figure 2-4.

The irregular surface of the concrete floor in the Paint Stripping Bays necessitated the use of a variety of physical extraction technologies to meet the performance objective. These included abrasive blasting, scarification and grinding. Flat surfaces were best addressed using a "Blastrac" blasting machine, which performs abrasive blasting of the paint sludge and concrete floors. Areas along running rails, in the concrete troughs, adjacent to walls and around building columns were inaccessible with the blasting machine. In these areas, floor scrapers, which utilize chipping hammers and grinding wheels, were utilized to insure that all surfaces within the Paint Stripping Bays were addressed and the performance objective was achieved. Vacuuming along the running rails was also performed to capture any particulate matter from these crevices deposited during the blasting, scarification and grinding operations.

"Critical barriers" to contain any dust and particulate matter generated as part of the decontamination program were erected at all locations of ingress and egress to the Paint Stripping Bays. These barriers consisted of polyethylene sheeting held in place by 2 x 4 lumber strips.

A total of 30 55-gallon drums of scarification residuals (particulate paint sludge and concrete) were transported off-site for proper disposal as an F-listed hazardous waste in

accordance with applicable federal, state and local regulations. Waste manifests are provided in Appendix E.

On March 2, 1999, the floor was pressure washed with potable water and waste rinse water was collected and containerized in dedicated plastic aboveground containers. A sample of the rinse water was collected for characterization by analysis at a certified laboratory for total VOCs by Method 8260 to determine the presence of F-listed constituents. Based on these analyses, the waste rinse water was transported off-site as a hazardous waste for proper disposal in accordance with applicable federal, state and local regulations. Analytical summary tables presenting the characterization analyses, as well as raw laboratory analytical data associated with the waste characterization and any additional analytical requirements of the disposal facility, are presented in Appendix B. Waste manifests are presented in Appendix E.

An initial visual inspection was undertaken by D&B on February 28, 2000 to assure that the performance objective of the Debris Rule was in fact being achieved. A clean debris surface is defined as the following:

"Clean debris surface" means the surface, when viewed without magnification, shall be free of all visible contaminated soil and hazardous waste, except that residual staining from soil and waste consisting of light shadows, slight streaks, or minor discolorations, and soil and waste and cracks, crevices, and pits, may be present provided that such staining and waste and soil in cracks, crevices, and pits shall be limited to no more than 5% of each square inch of surface area.

Based on the results of the initial inspection conducted on February 28, 2000, several localized areas were found to require additional concrete removal due to residual accumulation of paint sludge in cracks and crevices. This concrete and the associated residual deposits of paint sludge was, in turn, removed and a subsequent inspection was conducted by D&B, on March 9, 2000. At that time, it was found that the performance objectives of the Debris Rule were satisfied. A representative of the NYSDEC also conducted an inspection on March 14, 2000, and concurred that the performance objectives of the Debris Rule were satisfied.

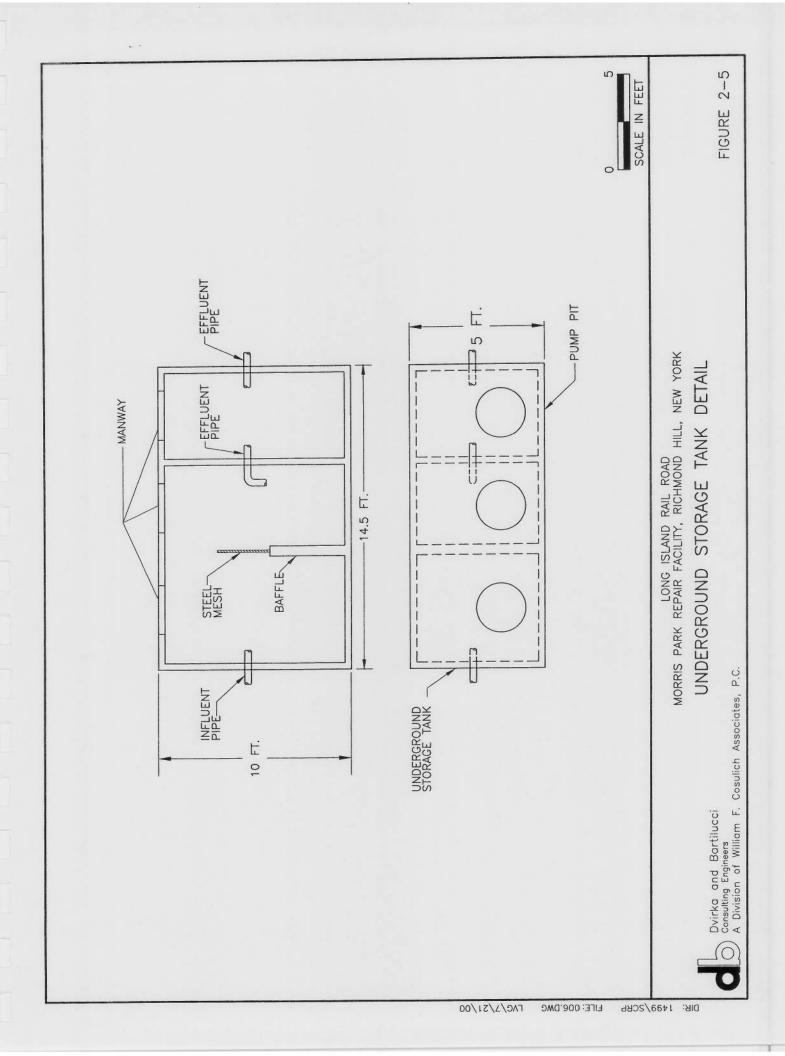
2.2.2 <u>Underground Storage Tank</u>

The underground storage tank is constructed of concrete and is located in the northwest portion of the East Transfer Pit. The tank is approximately 5 feet wide, 14.5 feet long and 10 feet deep, and is accessible by three manways. The tank is divided into two main sections. The larger, main section contains a 3-foot high concrete baffle topped by a steel mesh screen. The smaller section is a pump pit which previously conveyed the liquid from the tank to the municipal sewer system via an effluent pipe at the southern end of the tank. A diagram of the UST is presented on Figure 2-5. A 5-inch diameter influent pipe located on the north wall of the tank previously received waste that drained from the troughs located in Bays 21 through 24.

January 1997 Closure Program

The tank was decontaminated from grade to the maximum extent practicable through the existing manways. However, due to access constraints, concrete chip samples could not be obtained, as had been prescribed in the approved Closure Plan. The approved plan also called for the excavation of the underground storage tank to comply with the requirements of 6 NYCRR Part 373-2.10(h). However, due to the fact that the East Transfer Pit is below the surrounding grade and is actively used to move railroad equipment, it became apparent that access to the area and the underground storage tank by excavation and demolition equipment would be difficult due to physical and operational constraints. Furthermore, based upon the findings of the subsurface soil sampling program undertaken immediately adjacent to the underground storage tank and associated piping, it did not appear that the removal of the tank and surrounding soil was warranted, since unacceptable levels of contaminants were not found to exist in the vicinity of the tank.

As a result, as provided for in 6 NYCRR Part 372-2.10(h)(2), the Long Island Rail Road had proposed to close the underground storage tank in accordance with the closure and post-closure care requirement for landfills (6 NYCRR Part 372-2.14(g), 373-2.7 and 373-2.8).



Following a review of the closure/investigation report, the NYSDEC provided its technical comments in correspondence to the LIRR dated March 31, 1997, which, among other items, included its concurrence with the recommendation to close the underground storage tank in place pursuant to a post-closure permit. As a result, a Part 373 Post Closure Permit Application was prepared pursuant to New York State's hazardous waste regulations to provide for the in-place closure of the tank in accordance with the applicable closure and post-closure care requirements for landfills. Procedures associated with this task were carried out in the Supplemental Closure Program.

Supplemental Closure Program

On March 3, 2000, a sample was collected from the storm water in the tank for characterization utilizing the contained-in rule through analysis at a certified laboratory for toluene and methylene chloride (by Method 8260). Based on these analyses, the storm water was found to meet the contained-in groundwater action levels for toluene and methylene chloride, and therefore, was managed as a non-hazardous waste. A vacuum tanker truck was used to remove the storm water from the UST, which was transported off-site for disposal in accordance with all applicable federal, state and local regulations. Analytical summary tables presenting the characterization analyses, as well as raw laboratory analytical data associated with the waste characterization and any additional analytical requirements of the disposal facility, are presented in Appendix B. Waste manifests are presented in Appendix E.

The overburden material was subsequently excavated from the top of the tank, exposing the concrete slab covers. The overburden was stockpiled nearby on polyethylene sheeting. The concrete slab covers were then removed from the main tank section and the pump pit and placed in a separate location adjacent to the area of construction.

Decontamination of the tank, concrete cover and piping was then initiated by washing with a 10% solution of muriatic acid. The spent muriatic acid solution was pumped from the tank and piping into a dedicated plastic drum for temporary on-site containment. One sample of

the spent muriatic acid solution was collected for characterization utilizing the mixture rule through the analysis of toluene and methylene chloride (by Method 8260). The results of this sampling, indicated that the spent muriatic acid solution contained the F-listed constituents toluene and methylene chloride. As a result, the spent muriatic acid solution was managed as a hazardous waste. Analytical summary tables presenting the characterization analyses, as well as raw laboratory analytical data associated with the waste characterization and any additional analytical requirements of the disposal facility, are presented in Appendix B. Waste manifests are presented in Appendix E.

The tank cover and piping was then further decontaminated utilizing a pressure steam cleaning machine accompanied by a non-phosphate detergent. The spent non-phosphate detergent solution was then pumped into a dedicated plastic drum for temporary on-site containment. One sample of the spent non-phosphate detergent was collected for characterization utilizing the mixture rule through analysis of toluene and methylene chloride (by Method 8260). The analytical results of this sample indicated that the spent non-phosphate solution contained the F-listed constituents toluene and methylene chloride. As a result, the spent nonphosphate solution was transported off-site for disposal as a hazardous waste. Analytical summary tables presenting the characterization analyses, as well as raw laboratory analytical data associated with the waste characterization and any additional analytical requirements of the disposal facility, are presented in Appendix B. Waste manifests are presented in Appendix E.

The decontamination procedure continued with the tank and piping being rinsed three times with a pressurized steam cleaner. The waste rinse water was then pumped into dedicated plastic drums for temporary on-site containment. One sample of the waste rinse water was collected for characterization utilizing the mixture rule through analysis of toluene and methylene chloride (by Method 8260). The analytical results of this sample indicated that the waste rinse water contained the F-listed constituents toluene and methylene chloride. As a result, the spent waste rinse water was transported off-site for disposal as a hazardous waste. Analytical summary tables presenting the characterization analyses, as well as raw laboratory analytical data

associated with the waste characterization and any additional analytical requirements of the disposal facility, are presented in Appendix B. Waste manifests are presented in Appendix E.

After decontamination, distilled water was run over the inside surface of the concrete slab and one rinsate sample was collected for laboratory analysis of toluene and methylene chloride (by Method 8260). In accordance with the requirements of the Part 373 Post Closure Permit Application and correspondence from the NYSDEC, the analytical results of this sample are to be utilized to evaluate the effectiveness of the decontamination activities. The analytical results of this sample, presented on Table 2-1, indicated that the waste rinse water did not contain toluene or methylene chloride.

Also, following the decontamination of the UST, distilled water was run over the inside surface of the concrete floor of the UST and one rinsate sample was collected for laboratory analysis of toluene and methylene chloride (by Method 8260). In accordance with the requirements of the Part 373 Post Closure Permit Application and correspondence from the NYSDEC, the analytical results of this sample are to be utilized to evaluate the effectiveness of the decontamination activities. The analytical results of this sample, presented on Table 2-1, indicated that the waste rinse water did not contain toluene or methylene chloride.

Three split spoon soil samples were also collected from beneath the underground storage tank in accordance with the provisions of the Part 373 Post Closure Permit Application. These samples were collected from the northern, central and southern locations along the floor of the UST and consequently given the sample designations "north," "center" and "south," respectively. Samples were analyzed for methylene chloride and toluene. The results of this sampling event, presented on Table 2-2, indicated concentrations of toluene in the "north" and "center" soil samples. Findings and conclusions associated with these analytical results are presented in Section 3.

The field activities associated with the closure of the underground storage tank resumed on Monday, July 24, 2000. Since the rinse water sampling activities performed on the concrete

TABLE 2-1 LONG ISLAND RAIL ROAD MORRIS PARK REPAIR FACILITY FORMER PAINT STRIPPING OPERATION AREA RINSATE SAMPLES COLLECTED FROM UNDERGROUND STORAGE TANK METHYLENE CHLORIDE AND TOLUENE

SAMPLE ID	MPTW-1	MPTW-2	Contract Required Detection Limits ug/l	NYSDEC "Contained-
DESCRIPTION	Concrete Slab	Bottom of Tank		In" Groundwater
DATE OF COLLECTION	3/6/00	3/6/00		Action Level
UNITS	ug/l	ug/l		ug/I
Methylene chloride Toluene	ככ	סס		വവ

QUALIFIERS:

U: Constituent analyzed for but not detected.

TABLE 2-2
LONG ISLAND RAIL ROAD
MORRIS PARK REPAIR FACILITY
FORMER PAINT STRIPPING OPERATION AREA
SOIL SAMPLES COLLECTED FROM UNDERNEATH UNDERGROUND STORAGE TANK
METHYLENE CHLORIDE AND TOLUENE

SAMPLE ID DESCRIPTION DATE OF COLLECTION UNITS	South # 1 South 3/8/00 mg/kg	Center # 2 Center 3/8/00 mg/kg	North #3 North 3/8/00 mg/kg	Contract Required Detection Limits mg/kg	NYSDEC "Contained- In" Soil/Sediment Action Level mg/kg
Methylene chloride Toluene	ככ	18 U	0 S	0.025	16,000

QUALIFIERS: U: Constituent analyzed for but not detected.

tank covers had demonstrated that the covers had been successfully decontaminated, they were broken up by utilizing a Bobcat fitted with a jackhammer attachment and were placed inside the tank in accordance with the provisions of the Part 373 Post Closure Permit Application.

Subsequent to placing the tank covers within the tank, approximately 20 cubic yards of new concrete was then placed in the tank to provide for its final closure. The concrete was leveled and allowed to dry in place prior to backfill.

The overburden of the tank was replaced on Wednesday, July 26, 2000, after allowing sufficient time for the concrete to cure. Approximately 7 cubic yards of the original overburden was available. Since the volume of this material was not adequate to sufficiently restore the area to grade, 12 cubic yards of sand was transported to the site to finalize the restoration of the area.

2.3 Groundwater Investigation

This section discusses the groundwater sampling results from the January 1997 Closure Program, as well as the first and second round of groundwater sampling conducted pursuant to the Groundwater Monitoring Plan associated with the Part 373 Post Closure Permit Application.

2.3.1 Container Storage Area

January 1997 Closure Program

The predominant direction of groundwater flow in this area was found to be to the southwest. However, monitoring wells CMW-1, CMW-2 and CMW-3 are each located in a cross gradient location from the Container Storage Pad and Leaching Pool. Given the fact that the three installed wells provided additional data on groundwater flow direction in this area of the site, it was recommended that one additional well be installed downgradient of the concrete Container Storage Pad and another be installed downgradient of the Leaching Pool to

appropriately evaluate any potential adverse impacts to groundwater quality from the Container Storage Area.

The Department concurred with the recommendations of the January 1997 Closure Program report and subsequently approved the Groundwater Monitoring Plan which was submitted as an exhibit to the Part 373 Post Closure Permit Application. These groundwater monitoring activities were initiated during the Supplemental Closure Program.

Groundwater Monitoring Program

The NYSDEC-approved Groundwater Monitoring Plan for the Container Storage Area is as follows:

- Install two wells (CMW-4 and CMW-5) downgradient of the concrete container storage pad and leaching pool. The wells will be installed in borings advanced using the hollow stem auger method of drilling to a depth of approximately 62 feet. Split spoon samples will be collected, as necessary, in order to set the screen depth. Assuming the wells are flush mounted, the well construction will consist of approximately 46 feet of 2-inch PVC riser pipe and a 15-foot 2-inch diameter stainless steel screen. The bottom of the screen will be sealed with a threaded plug. Each well will have a locking cover.
- Develop each of the two new wells for up to two hours each or until 50 NTUs or less of turbidity is achieved, whichever comes first.
- Purge the two new wells (CMW-4 and CMW-5) and the three existing wells (CMW-1, CMW-2 and CMW-3) of a minimum of three well volumes each.
- Dispose of drill cuttings on-site as per NYSDEC TAGM 4032.
- Dispose of decontamination water, purge water and development water on-site as per NYSDEC's draft TAGM.
- Collect one groundwater sample from each of the two new wells and the three existing
 wells and one set of QA/QC samples (field blank, trip blank, matrix spike and matrix
 spike duplicate).
- Analyze each of the groundwater samples collected from the two new wells and the
 existing upgradient well (CMW-1) for target compound list (TCL) volatile organic
 compounds (VOCs) utilizing Method 8260, TCL semivolatile organic compounds

(SVOCs) utilizing Method 8270, total lead utilizing Method 7421, total antimony utilizing Method 7041 and total beryllium utilizing Method 6010.

- Analyze each of the groundwater samples collected from existing wells CMW-2 and CMW-3 for tetrachloroethene utilizing Method 8260.
- Conduct groundwater monitoring on a quarterly basis for the first 12 months. The
 constituents to be monitored for, the frequency of monitoring, and the term of
 monitoring may be modified by the NYSDEC following an evaluation of the first four
 quarterly monitoring results.

In August 1999, monitoring wells CMW-4 and CMW-5 were installed in the Container Storage Area in accordance with the above protocol (refer to Figure 2-6). On October 28, 1999, Dvirka and Bartilucci Consulting Engineers conducted the initial round of sampling associated with the 12-month quarterly monitoring program.

The analytical results of the groundwater samples from the first round of sampling within the Container Storage Area are summarized on Tables 1 through 3 in Appendix C. Targeted constituents were not detected above the method detection limits with the following exceptions:

CMW-1

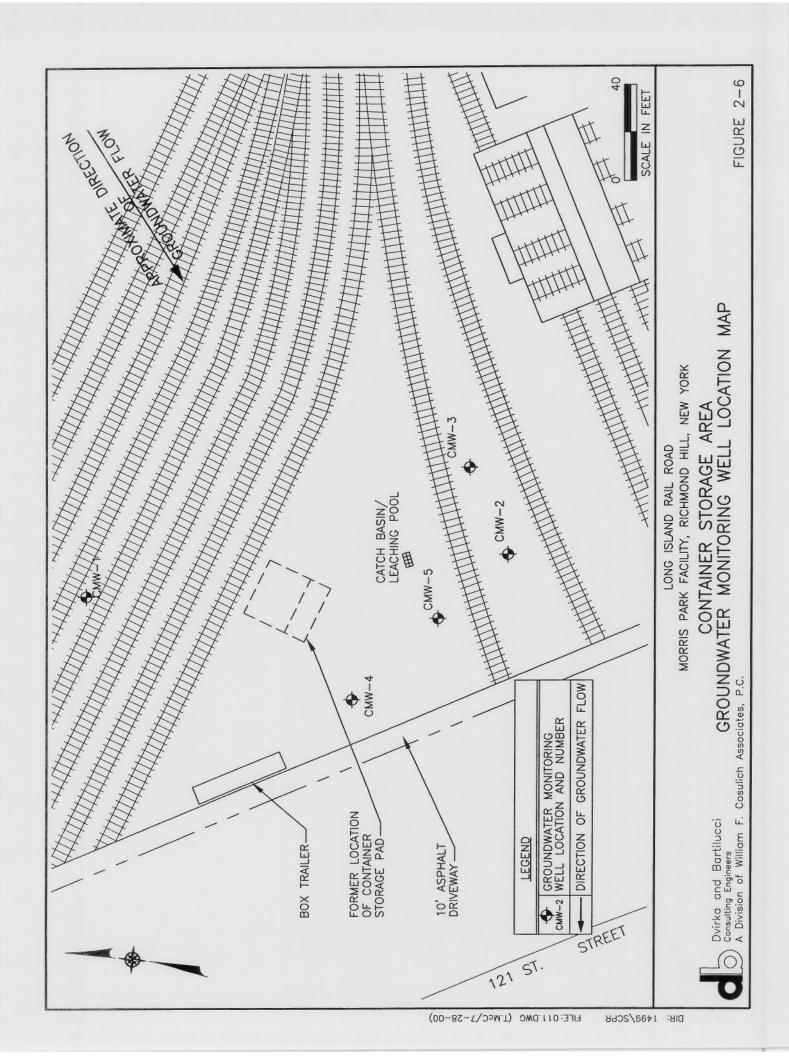
- Tetrachloroethene was detected at a concentration of 1.0 ug/l.
- Antimony was detected at a concentration of 4.4 ug/l.
- Lead was detected at a concentration of 14.1 ug/l.

CMW-2

- Tetrachloroethene was detected at a concentration of 6.0 ug/l.
- Lead was detected at a concentration of 14.6 ug/l.

CMW-3

- Tetrachloroethene was detected at a concentration of 9.0 ug/l.
- Lead was detected at a concentration of 10.0 ug/l.



CMW-4

- Tetrachloroethene was detected at a concentration of 8.0 ug/l.
- 1,2,4-Trichlorobenzene was detected at a concentration of 2.0 ug/l.
- Hexachlorobutadiene was detected at a concentration of 1.0 ug/l.
- Naphthalene was detected at a concentration of 2.0 ug/l.
- 1,2,3-Trichlorobenzene was detected at a concentration of 2.0 ug/l.

CMW-5

- Tetrachloroethene was detected at a concentration of 4.0 ug/l.

On April 26 through April 28, 1999, Dvirka and Bartilucci Consulting Engineers conducted the second round of groundwater sampling at the Container Storage Area. The analytical results associated with this second round of sampling are summarized on Tables 1 through 3 in Appendix D. Targeted constituents were not detected at concentrations above method detection limits with the following exceptions:

CMW-1

- Tetrachloroethene was detected at a concentration of 1.0 ug/l.
- Several metals detected above method detection limits.

CMW-2

Tetrachloroethene was detected at a concentration of 5.0 ug/l.

CMW-3

Tetrachloroethene was detected at a concentration of 9.0 ug/l.

CMW-4

- Tetrachloroethene was detected at a concentration of 8.0 ug/l.
- Several metals detected above method detection limits.

CMW-5

- Tetrachloroethene was detected at a concentration of 2.0 ug/l.
- Bis(2-Ethylhexyl)phthalate was detected at a concentration of 3.0 ug/l.
- Several metals detected above method detection limits.

2.3.2 Underground Storage Tank/Abandoned Sewer Line

January 1997 Closure Program

The predominant direction of groundwater flow in this area was found to be to the southwest. Based on this direction of groundwater flow, it was determined that the monitoring wells installed during the January 1997 Closure Program were not ideally located. As a result, recommendations of the January 1997 Closure Program included that one additional upgradient monitoring well and one additional downgradient monitoring well be installed to support the proposed in-place closure approach for the Underground Storage Tank.

Although the Department concurred with the recommendations of the January 1997 Closure Program report, subsequent discussions with the NYSDEC resulted in some modifications. In consultation with the NYSDEC, the Groundwater Monitoring Plan ultimately called for four new wells to be installed as follows: one well downgradient of the pipes exiting the Former Paint Stripping Shop, one well downgradient of the tank, and two wells downgradient of the abandoned sewer line near the facility boundary line. As previously mentioned, this Groundwater Monitoring Plan was submitted as part of a Part 373 Post Closure Permit Application and approved by the Department. These groundwater monitoring activities were initiated during the Supplemental Closure Program.

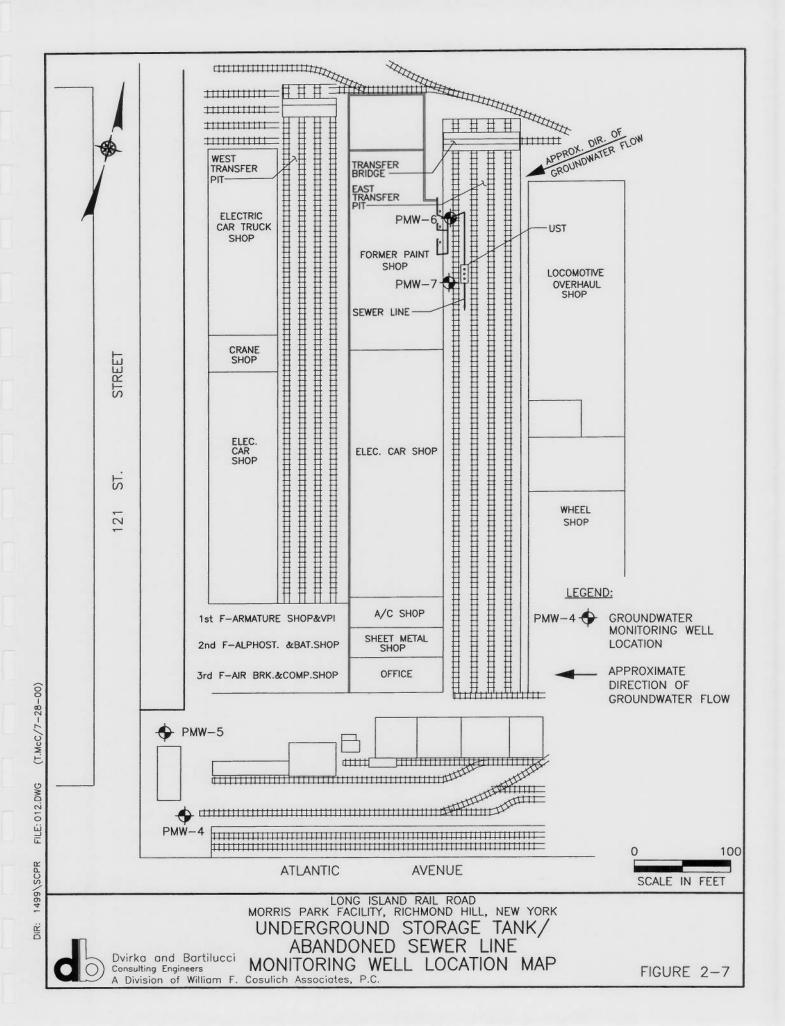
Groundwater Monitoring Program

The NYSDEC-approved Groundwater Monitoring Plan for the Underground Storage Tank/Abandoned Sewer Line is as follows:

- Install one well downgradient of the pipes exiting the Former Paint Stripping Shop (PMW-6), one well downgradient of the tank (PMW-7), and two wells downgradient of the abandoned sewer line near the facility boundary line (PMW-4 and PMW-5). The protocol for installation was the same as for the new wells in the Container Storage Area (refer to Section 2.3.1).
- Develop each of the four new wells for up to two hours each or until 50 NTUs or less of turbidity is achieved, whichever comes first.
- Purge the four new wells of a minimum of three well volumes each.
- Dispose of drill cuttings on-site as per NYSDEC TAGM 4032.
- Dispose of decontamination water, purge water and development water on-site as per NYSDEC's draft TAGM.
- Collect one groundwater sample from each of the four new wells and one set of QA/QC samples (field blank, trip blank, laboratory storage blank [for methylene chloride], matrix spike and matrix spike duplicate).
- Analyze each of the four groundwater samples and QA/QC samples for target compound list (TCL) volatile organic compounds (VOCs) utilizing Method 8260, total lead utilizing Method 7421, total arsenic utilizing Method 7060, and total cadmium, chromium and beryllium utilizing Method 6010 (trace ICP).
- Conduct groundwater monitoring on a quarterly basis for the first 12 months. Based upon instruction from the NYSDEC provided in the March 31, 1997 correspondence, the constituents to be monitored for, the frequency of monitoring, and the term of monitoring, may be modified by the NYSDEC following an evaluation of the first four quarterly monitoring results.
- An existing well in the East Transfer Pit which was found to be structurally damaged (PMW-3) was closed in accordance with NYSDEC protocol.

In August 1999, monitoring wells PMW-4, PMW-5, PMW-6 and PMW-7 were installed in accordance with the above protocol (refer to Figure 2-7). On October 29, 1999, Dvirka and Bartilucci Consulting Engineers conducted the initial round of sampling associated with the 12-month quarterly monitoring program.

The analytical results of the groundwater samples associated with this first round of sampling at the Underground Storage Tank/Abandoned Sewer Line are summarized on Tables 4



and 5 in Appendix C. Targeted constituents were not detected above the method detection limits with the following exceptions:

PMW-4

- Trichlorofluoromethane was detected at a concentration of 490 ug/l.
- Tetrachloroethene was detected at a concentration of 4.0 ug/l.
- Beryllium was detected at a concentration of 0.28 ug/l.
- Cadmium was detected at a concentration of 1.1 ug/l.
- Chromium was detected at a concentration of 50.9 ug/l.
- Lead was detected at a concentration of 10.9 ug/l.

PMW-5

- Trichlorofluoromethane was detected at a concentration of 220 ug/l.
- Tetrachloroethene was detected at a concentration of 13 ug/l.
- Cadmium was detected at a concentration of 1.3 ug/l.
- Chromium was detected at a concentration of 58.9 ug/l.
- Lead was detected at a concentration of 15.9 ug/l.

PMW-6

- Chloroform was detected at a concentration of 5.0 ug/l.
- Cadmium was detected at a concentration of 1.4 ug/l.
- Chromium was detected at a concentration of 34.3 ug/l.
- Lead was detected at a concentration of 16.6 ug/l.

PMW-7

- Chloroform was detected at a concentration of 2.0 ug/l.
- Tetrachloroethene was detected at a concentration of 1.0 ug/l.
- Cadmium was detected at a concentration of 1.6 ug/l.

- Chromium was detected at a concentration of 1.4 ug/l.
- Lead was detected at a concentration of 12.6 ug/l.

On April 27 through April 29, 1999, D&B conducted the second round of groundwater sampling in this area. The analytical results of these groundwater samples are summarized on Tables 4 and 5 in Appendix D. Targeted constituents were not detected above the method detection limits with the following exceptions:

PMW-4

- Tetrachloroethene was detected at a concentration of 3.0 ug/l.
- Several metals detected above method detection limits.

PMW-5

- Tetrachloroethene was detected at a concentration of 10 ug/l.
- Several metals detected above method detection limits.

PMW-6

- Chloroform was detected at a concentration of 5.0 ug/l.
- Tetrachloroethene was detected at a concentration of 1.0 ug/l.
- Bis(2-ethylhexyl)phthalate was detected at a concentration of 2.0 ug/l.
- Several metals detected above method detection limits.

PMW-7

- Chloroform was detected at a concentration of 8.0 ug/l.
- Bromodichloromethane was detected at a concentration of 1.0 ug/l.
- Several metals detected above method detection limits.

3.0 CONCLUSIONS

This section presents a summary of the findings and conclusions of the activities undertaken and completed in support of this Supplemental Closure Program at the Morris Park Repair Facility. Specifically, the discussion below summarizes closure activities undertaken at the areas of concern associated with the two hazardous waste management units referred to as the Container Storage Area and the Former Paint Stripping Area.

3.1 Container Storage Area

The following areas of concern are located within the Container Storage Area of the Morris Park Repair Facility.

Leaching Pool

As required as part of the NYSDEC approved Work Plan Addendum associated with this Supplemental Closure Program, 2 feet of soil was excavated and removed from the area immediately below the leaching pool invert and the pool was then backfilled to the original invert in order to minimize and/or prevent the potential for the ring structures of the pool to be undermined.

Analytical results of a composite sample of the soil, which was removed from the pool, indicated that the material was non-hazardous. As a result, this material, which was contained within a roll-off container, was transported off-site for proper disposal as nonhazardous waste in accordance with applicable federal, state and local regulations.

As a result, the leaching pool has undergone the investigation and remediation protocols in accordance with the Work Plan Addendum. Therefore, closure activities associated with this structure are complete.

Concrete Container Storage Pad

As required as part of the Work Plan Addendum associated with this NYSDEC-approved Supplemental Closure Program, the concrete storage pad has been excavated and removed.

Analytical results of a composite sample of concrete indicated that the material was nonhazardous. As result, this material was transported off-site for proper disposal as a nonhazardous waste in accordance with applicable federal, state and local regulations.

As a result, the concrete container storage pad area has undergone the investigation and remediation protocols in accordance with the Work Plan Addendum. Therefore, closure activities associated with this structure are complete.

Asphalt Lot

As required as part of the Work Plan Addendum associated with this NYSDEC-approved Supplemental Closure Program, closure activities undertaken and completed at the asphalt lot included the removal of asphalt from the approximate 8,000-square foot area surrounding the concrete storage pad, as well as the removal of the underlying surficial soil to a depth of 2 feet below grade.

As discussed in the previous section, during the remediation of this area, an underground storage tank was encountered. Subsurface soil samples collected and analyzed from within the area of the tank were found to contain levels of lead, which classified the soil as a characteristic hazardous waste. As a result, this localized area of soil contamination was delineated through a subsurface soil sampling program and was excavated and removed from the site for proper disposal as hazardous waste in accordance with applicable federal, state and local regulations. The remainder of the excavated soil within this area of concern, as well as the asphalt, was transported off-site for proper disposal as non-hazardous waste in accordance with applicable federal, state and local regulations.

As a result, the asphalt lot area has undergone the investigation and remediation protocols in accordance with the Work Plan Addendum prepared in accordance with the NYSDEC-approved Closure Plan. Therefore, closure activities associated with this area of concern are complete.

3.2 Former Paint Stripping Area

The following areas of concern are located within the Former Paint Stripping Area of the Morris Park Repair Facility.

Paint Stripping Bays

As required as part of the Work Plan Addendum associated with this NYSDEC-approved Supplemental Closure Program, closure activities undertaken and completed within Paint Stripping Bays 21 through 24 included the removal of 0.6 cm of the concrete floor utilizing various physical extraction technologies. The scarified material was transported off-site as a hazardous waste in accordance with applicable federal, state and local regulations.

Based upon an inspection of this area conducted by D&B on March 9, 2000, and an inspection conducted by NYSDEC on March 14, 2000, it was determined that the performance standards of the Debris Rule were satisfied in this area. As a result, the Paint Stripping Bays have undergone the investigation and remediation protocol in accordance with the Work Plan Addendum prepared in accordance with the NYSDEC approved Closure Plan. Therefore, closure activities associated with this area of concern are complete.

East Transfer Pit Underground Storage Tank

The underground storage tank located within the East Transfer Pit was utilized to temporarily store and treat a mixture of hazardous waste paint sludge and rinse water generated within Bays 21 through 24 of the Former Painting Stripping Area. The tank did not comply with either the interim or final status standards for the operation of a hazardous waste storage tank.

The tank was also located in an active portion of the Morris Park Repair Facility; a situation which did not allow for the closure of the tank system through excavation and removal. As a result, the Long Island Rail Road sought to ultimately achieve closure of the tank system through the development and implementation of a Post Closure Permit.

As a result, a Post Closure Permit Application was prepared and submitted to the New York State Department of Environmental Conservation. The Post Closure Permit Application including its requirements for an extensive groundwater monitoring program, served as the basis for ultimately achieving clean closure of the tank system.

In accordance with the Part 373 Post-Closure Permit Application, closure activities performed at the underground storage tank included the removal of residual liquids, decontamination of the tank, subsurface soil samples advanced beneath the tank for chemical analysis and, backfilling of the tank with concrete to achieve in-place abandonment.

Based on analytical sampling of the standing storm water present in the tank at the initiation of the Supplemental Closure Program, this accumulated storm water was removed and properly transported off-site as nonhazardous waste in accordance with applicable federal, state and local regulations.

Samples of wash water used to decontaminate the underground storage tank revealed the presence of the F-listed constituents methylene chloride and toluene. As such, due to the mixture rule, it was properly transported off-site as hazardous waste in accordance with applicable federal, state and local regulations.

As discussed in Section 2, three soil samples designated "north," "center" and "south," respectively, were collected from the northern, central and southern locations along the floor of the UST. The results of this sampling event did not reveal concentrations of any constituents above the contained-in action levels. Based upon a review of these results, the NYSDEC authorized the final in-place closure of the UST.

In accordance with the NYSDEC-approved Part 373 Post Closure Permit Application, the concrete tank covers were broken up and placed within the UST. Subsequently, new concrete was placed into the UST and allowed to cure. The overburden of the UST was then replaced to surrounding grade.

As a result, the underground storage tank located within the East Transfer Pit has undergone the investigation and remediation protocols in accordance with the NYSDEC-approved Part 373 Post Closure Permit Application. Therefore, closure activities associated with this area of concern are complete.

4.0 CERTIFICATION OF CLOSURE

I certify under penalty of law that the Former Container Storage Area, including the Leaching Pool, Concrete Container Storage Pad and adjacent Asphalt Lot, as well as the Former Paint Stripping Area including the Underground Storage Tank in the East Transfer Pit and Paint Stripping Bays 21 through 24, located at the Long Island Rail Road Morris Park Repair Facility in Richmond Hill, Queens County, New York, have been properly closed in accordance with the specifications contained in the New York State Department of Environmental Conservation (NYSDEC) approved documents entitled, "Closure Investigation Work Plan Addendum for the Container Storage Area and Former Paint Stripping Operation," final revision dated April 1998, and "Part 373 Post-Closure Permit Application for the East Transfer Pit Underground Storage Tank," final revision dated August 1999. It should be noted, as stated previously in this report, since the Underground Storage Tank in the East Transfer Pit has achieved a "clean closure," the post-closure activities referenced in the Part 373 Post-Closure Permit Application for this unit have been determined to be unnecessary with the exception of the requirement of one-year of quarterly groundwater monitoring activities. It is anticipated that the analytical results of the final round of groundwater monitoring activities associated with this one-year period will be submitted to the NYSDEC in December 2000. At that time, as provided for in the Groundwater Monitoring Plan, following an evaluation of these results, the NYSDEC will determine if the groundwater monitoring activities need to continue under the same protocols, be modified, or be terminated.

Signature:	Leurs Wunderleil
Name:	Lewis D. Wunderlich
Title:	Environmental Engineer
Date:	9/15/00
Signature:	Pater & Karley
Name:	Peter J. Koehler, P.E.
Title:	Construction Inspector
Date:	12/8/00
	Name: Title: Date: Signature: Name: Title:

APPENDIX A

CONTAINER STORAGE AREA – WASTE CHARACTERIZATION RESULTS

SUMMARY TABLES FOR CHARACTERIZATION ANALYSES

LONG ISLAND RAILROAD
MORRIS PARK REPAIR FACILITY
CONTAINER STORAGE AREA
TCLP VOLATILE AND SEMIVOLATILE ORGANIC COMPOUNDS TABLE 1A

	SAMPIFA	SAMPI FR	-	0	~	4		Contract	
	Tank water	Leaching Pool Soil	Leaching Pool Water	Concrete Sample No. 1	Asphalt	Composite	Concrete Sample No. 2	Required	REGULATORY LEVEL
DATE OF COLLECTION DILUTION FACTOR	11/23/99	11/23/99	11/17/99	11/17/99	11/17/99	11/19/99	11/19/99	Limits	
	(ng/L)	(ng/L)	(ng/L)	(ng/L)	(ng/L)	(ng/L)	(ng/L)	(ng/L)	(ng/L)
-	D	D	>	ס	כ	D	כ	2	200.0
	>	ס	כ	Þ	כ	D	>	2	0.007
-	Þ	ח	כ	כ	כ)	>	2	000'9
Carbon Tetrachloride	כ	ח	כ	כ	כ	ס	>	2	200.0
	⊃	ח)	כ)	כ	D	5	200.0
))	ס	ח	כ	כ	>	S	200.0
	⊃	כ	ח	D	⊃	כ)	2	200.0
11.00	כ	כ	כ)	כ	>	>	2	200.0
	כ))	>	>	>	>	2	100,000
	>	>	>	ם ב	⊃	⊃)	വ	200,000
	כ	כ	n	כ	J	>	ס	20	2,000
)	כ	>	⊃	>	כ	כ	20	7,500
	⊃	כ))	כ)	כ	100	200,000
Ī	כ	כ	>	>	כ	כ	>	20	3,000
177-25	34 J)	_)	D	>	>	100	200,000
	ח	D	כ	0	כ	>	>	20	2,000
Hexachlorobutadiene	ח	כ	כ	>	כ	ם -)	20	200.0
2,4,5-Trichlorophenol	כ	כ	D	>	כ)	כ	100	400,000
2,4,6-Trichlorophenol	D	ס	D	כ)	D	>	100	2,000
))	>	⊃	ם -	>	⊃	20	130
	כ	>	2	כ	D	D	>	20	130
Pentachlorophenol	ס	58 J	D	כ	<u> </u>	>	D	100	100,000

- QUALIFIERS:
 U: Constituent analyzed for but not detected.
 J: Compound found at a concentration below the detection limit.

TABLE 1B
LONG ISLAND RAILROAD
MORRIS PARK REPAIR FACILITY
CONTAINER STORAGE AREA
TCLP METALS

SAMPLEID	SAMPLEA SAMPLEB	SAMPLEB	1	2	3	4	2	7	Instrument	
SAMPLE DESCRIPTION	Tank water	Leaching Pool Soil	Leaching Pool Water	Concrete Sample No. 1	Asphalt Sample	Composite	Composite	Concrete Sample No. 2	Detection Limits	REGULATORY LEVEL
DATE OF COLLECTION DILUTION FACTOR UNITS	11/23/99 1.0 (mg/L)	11/23/99 1.0 (mg/L)	11/17/99 1.0 (mg/L)	11/17/99 1.0 (mg/L)	11/17/99 1.0 (mg/L)	11/19/99 1.0 (mg/L)	11/19/99 1.0 (mg/L)	11/19/99 1.0 (mg/L)	(mg/L)	(mg/L)
TCLP Metals Arsenic Lead Barium	0.046 0.522	2.00 0.60	u U 0.387	2. U U .	0.045 2.36	0.269 1.39	1.37 2.68	0.151 0.407	90.00	5.0 5.0 100.0
Cadmium Mercury Selenium Silver Chromium	0000	0000	0.010 U U	0.269	0000	0000	0000	00000	0.05 0.005 0.04 0.05	7.0 1.0 5.0 5.0

QUALIFIERS: U: Constituent analyzed for but not detected.

TABLE 1C
LONG ISLAND RAILROAD
MORRIS PARK REPAIR FACILITY
CONTAINER STORAGE AREA
RCRA HAZARDOUS WASTE CHARACTERISTICS

SAMPLE ID	SAMPLEA SAMPLEB	SAMPLEB	-	7	3	4	2	7	Contract	
NO.	Tank water	Leaching Pool Soil	Leaching Pool Water	Leaching Concrete Pool Water Sample No. 1	Asphalt Sample	Composite Soil	Composite Soil	Concrete Required Sample No. 2 Detection	Required Detection	REGULATORY LEVEL
DATE OF COLLECTION	11/23/99	11/23/99	11/17/99	11/17/99	11/17/99	11/19/99	11/19/99	11/19/99	Limits	
RCRA Characteristics Ignitability Corrosivity (PH) Sulfide Reactivity (mg/kg) Cyanide Reactivity (mg/kg)	5.39 U	0.31 U)) (9	11.94 U	0 9.42 U	8.33 U U	7.15 U U	U 10.29 U	NA NA 40 0 1	>140 mg/kg < 2.0, ≥ 12.5 <0.1 mg/kg <2.0 mg/kg

QUALIFIERS: U: Constituent analyzed for but not detected.

NOTES: NA: Not applicable.

TABLE 2 LONG ISLAND RAILROAD MORRIS PARK REPAIR FACILITY CONTAINER STORAGE AREA

SAMPLES COLLECTED UNDER TANK STARS VOLATILE AND SEMIVOLATILE ORGANIC COMPOUNDS AND LEAD

SAMPLE ID DESCRIPTION	1 South	2 North	Contract Required Detection Limits	NYSDEC Soil/Sediment
DATE OF COLLECTION	12/03/99	12/03/99		Action Level
STARS VOCs (ug/kg)				
MTBE	U	U	5	
Benzene	U	U	5	22,000
n-Butylbenzene	U	U	5	
sec-Butylbenzene	U	U	5	
tert-Butylbenzene	U	U	5	
Isopropylbenzene	U	U	5	3,100,000
p-Isopropyltoluene	U	U	5	
n-Propylbenzene	U	U	5	
Ethylbenzene	U	U	5	7,800,000
Napthalene	U	U	5	310,000
Toluene	U	U	5	16,000,000
1,2,4-Trimethylbenzene	U	U	5	
1,3,5-Trimethylbenzene	U	U	5	
Xylenes (total)	U	U	15	160,000,000
STARS SVOCs (ug/kg)				
Acenapthene	U	430	40	4,700,000
Fluorene	U	710	40	3,100,000
Phenanthrene	96	8,400	40	
Anthracene	U	1,500	40	23,000,000
Fluoranthene	260	11,000	40	3,100,000
Pyrene	220	9,500	40	2,300,000
Benzo-(a)-Anthracene	130	5,000	40	900
Chrysene	150	5,200	40	
Benzo-(b)-fluoranthene	100	5,400	60	
Benzo-(k)-fluoranthene	110	3,500	100	
Benzo-(a)-pyrene	100	4,300	40	90
ndeno(1,2,3-c,d)pyrene	82	2,400	40	
Dibenzo-(a,h)-Anthracene	U	1,400	40	90
Benzo-(g,h,l)-perylene	75	1,900	40	
TCLP Metals (mg/L)				
Lead	9.79	24.2		5*

QUALIFIERS:

U: Constituent analyzed for but not detected.

NOTES:

: Value exceeds NYSDEC Soil/Sediment Action Level.

* : RCRA Regulatory Limit.

--: Not established.

TANK DELINEATION SOIL SAMPLING SEMIVOLATILE ORGANIC COMPOUNDS AND LEAD MORRIS PARK REPAIR FACILITY CONTAINER STORAGE AREA LONG ISLAND RAILROAD TABLE 3

	6' Southeast of tank	SE 6' Southeast of tank	6' Southwest of tank	6' Southwest of tank	6' Northeast of tank	6' Northeast of tank	Required	NYSDEC Soil/Sediment
DEPTH DATE OF COLLECTION	(2'-4')	(4'-6')	(2'-4')	(4'-6')	(2'-4')	(4'-6')	Limits	
STARS SVOCs (ug/kg) Acenapthene	5	כ	Þ	ח	ס	D	40	4,700,000
Fluorene	ם	כ	>	כ	ח	כ	40	3,100,000
Phenanthrene	>	ח	כ	⊃	D	כ	40	1
Anthracene	J	כ	>	כ	D	D	40	23,000,000
Fluoranthene	כ	ے ح	ם	כ	D	כ	40	3,100,000
Pyrene	>	>	⊃	ח	D	כ	40	2,300,000
Benzo-(a)-Anthracene	⊃	>	D	ח	⊃	כ	40	006
Chrysene	⊃	>	D	>	n)	40	1
Benzo-(b)-fluoranthene	⊃)	>	>	⊃)	09	1
Benzo-(k)-fluoranthene	⊃	כ	D	D)	つ	100	I
o-(a)-pyrene	⊃)	כ	כ	כ	כ	40	06
Indeno(1,2,3-c,d)pyrene	>	כ)	>	כ	>	40	1
Dibenzo-(a,h)-Anthracene	>	כ	⊃	כ	כ)	40	06
Benzo-(g,h,I)-perylene	>	⊃	n	כ	ב	כ	40	1
Total Metals (mg/kg) Lead	⊃	Э	Þ	כ	D	כ	0.5	250

QUALIFIERS: U: Constituent analyzed for but not detected.

NOTES:

--: Not established

TANK DELINEATION SOIL SAMPLING SEMIVOLATILE ORGANIC COMPOUNDS AND LEAD MORRIS PARK REPAIR FACILITY **CONTAINER STORAGE AREA** TABLE 3 (continued)
LONG ISLAND RAILROAD

SAMPLE ID SAMPLE LOCATION	6' Northwest of tank	6' Northwest of tank	c Under center of tank	C Under center of tank	Contract Required Detection	NYSDEC Soil/Sediment
DEPTH DATE OF COLLECTION	(2'-4')	(4'-6')	(2'-4')	(4'-6')	Limits	
STARS SVOCs (ug/kg)						
Acenapthene	כ	ח	ם	כ	40	4,700,000
Fluorene	⊃	コ)	כ	40	3,100,000
Phenanthrene	כ	⊃	כ	ח	40	ı
Anthracene	⊃	ח	⊃	D	40	23,000,000
Fluoranthene	⊃	ח	⊃	D	40	3,100,000
Pyrene	n	つ	כ	D	40	2,300,000
Benzo-(a)-Anthracene)	כ	ח	ח	40	006
Chrysene	כ	n)	כ	40	1
Benzo-(b)-fluoranthene	כ	⊃	ח	כ	09	
Benzo-(k)-fluoranthene))	כ	כ	100	1
Benzo-(a)-pyrene	כ	כ	n	כ	40	06
Indeno(1,2,3-c,d)pyrene	ם ח	D	כ	כ	40	1
Dibenzo-(a,h)-Anthracene)	ח	ח	D	40	06
Benzo-(g,h,l)-perylene	D .	D	ח	⊃	40	•
Total Metals (mg/kg)						
Lead	>	כ	11.1	421	0.5	250

QUALIFIERS: U: Constituent analyzed for but not detected.

NOTES: --: Not established

RAW DATA FOR CHARACTERIZATION ANALYSES AND DISPOSAL FACILITY REQUIREMENTS

DEC. 2.1999 8:38AM ANALAS INC

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NU. SAMPLEA

Lab Name: CHEMTECH		Contract:		- ED70-VOA
Project No.: L5859 Matrix: (spil/water) WAT Sample wt/vol: 0.5 Level: (low/med)		Location:	Lab File ID: D8640.D Date Received: 11/24/99 Date Analyzed: 12/1/99	- Water
% Moisture: not dec. 0 GC Column: DB824 Soil Extract Volume:	(UL)	(mm)	Data Analyzed: 12 1765 Dilution Factor: 1.0 Soil Aliquot Volume:	(uL)

046 No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
CAS No.		50	U
75-01-4	Vinyl Chloride	50	U
75-35-4	1,1-Dichloroethene	50	U
67-66-3	Chloroform	50	Ü
58-23-5	Carbon Tetrachioride	50	U
71-43-2	Benzene	50	U
107-06-2	1,2-Dichloroethane	50	U
79-01-6	Trichloroethene	50	U
127-18-4	Tetrachloroethane	50	U
108-90-7	Chlorobenzene	50	U
78-93-3	2-Butanone		

DEC. 2.1999 8:39AM ANALAB INC

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO. SAMPLEB

Lab Name: CHEMTECH		Contract:	MAUMEE EXPRESS		
Project No.: L5859	Site: LIRR	Location:	MORRIS PARK	Group: 5970	I-VOA
A CONTRACT OF THE PROPERTY OF	ATER		Lab Sample ID:		
	0.5 (g/mL) ML		Lab File ID: Date Received:	11/24/99	Leach love
Level: (low/med)	0		Date Analyzed:	12/1/98	Soil M
GC Column; DB624	ID; 0.53	(mm)	Dilution Factor: Soil Aliquot Volume:	(u	1) RIGHOR
Soil Extract Volume:	(uL)		Soil Mildrot Apidities		

-		Mon	I Inite
Con	oenu:	HOLL	Units:

	Compound	(ug/L or ug/Kg) ug/L	Q ·
CAS No.			U
75-01-4	Vinyl Chloride	50	1 · · · ·
75-35-4	1,1-Dichloroethene	50 50	1 0
67-86-3	Chloroform	50	U
56-23-5	Carbon Tetrachloride	50	U
71-43-2	Benzana	50	U
107-06-2	1,2-Dichloroethans	50	Ü
79-01-6	Trichloroethene	50	T U
127-18-4	Tetrachloroethene	50	U
108-90-7	Chlorobenzene	50	Ü
78-93-3	2-Butanone	30	-
			-
-			
-			-
-			
-			
-			

NO. 949 SAMPLE NO.

	10			
VOLATILE	ORGANICS	ANALYSIS	DATA	SHEET

CATO LAGILLON	OFIEMIEUM	Contract	MAUMEE EXPHES
Project No.:	L5782	SH: LIRA-MOR Location:	MORRIS PARK

Group: 5970-VOA

Matrix: (soll/water) WATER Lab Sample ID: 084127

Sample wt/vol: (g/mL)

Lab Fije ID: E8985.D

LeachParl Date Received: 11/19/99

Level: (low/med) ** % Moisture: not dec.

Date Analyzed: 11/23/99

GO Oolumn: D8624 '* 10: 0.53 (mm) Soil Extract Volume: (UL)

Soll Aliquot Volume: (UL)

Dilution Factor: 1.0

Concentration Units:

CAS No.	Compound	(ug/L or ug/Kg) ug/L	Q
75-01-4	Vinyl Ohloride	50	T U
75-35-4	11-Dichloroethene	50	U
67-66-3	Chloroform	50	U
80-28-6	Carbon Tetrachloride	60	U
71-43-2	Benzene	50	U
107-08-2	1,2-Dichloroetharie	50	U
79-01-8	. Trichicroethene	50	U
127-18-4	Tetraphioroethene	80	U
106-00-7	Chiorobenzena :	80	U
78-93-3	2-Butanons	50	U
	_		
			1-
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	71	-	-
			
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	". "		

NOV. 24.1999 6:01PM CHEMTECH EDISON

PAGE 13

CHEMTECH	EDISON	1A		110. 545	SAMPLE NO
1	VOLATILE	ORGANICS AND	alysis data shee		

Lab Name: CHEMTECH	Contra	ot: MAUMEE EXPRESS	2-A
Project No.: L8782	Sate: LIRR-MOR Location	n: MORRIS PARK	Group: <u>5970-VOA</u>
Matrix: (soll/water) WATE	<u>n</u>	Lab Sample ID: 09	4128
Sample wt/vol: 0.5	(g/mL) ML	Lab File ID: E6	986.D
Level: (low/med)		Date Received: 11	119199 Concrete
% Moisture: not dec. 0		Date Analyzed: 11	
CC Column DBR94	(D: 0.59 (mm)	Dilution Pactor:	1.0

Soil Extract Volume:	(uL)	Soil Aliquot Volume:(U
-		A	

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg)ug/L	Q
8-01-4	Vinyl Chloride	50	U
THE RESERVE TO A PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.	: 1.1-Dichloroethane	56	U
67-66-3	Chlorotorm .	50	U
56-23-5	. Gerbon Tetrachicride	50	U
71-43-2	Benzene	50	Ų
107-06-2	12-Dichioroethane	50	U
79-01-6	Triphiorpethena	50	U
127-18-4	Netrachicroethene	50	U
108-90-7	Chlorobenzene	50	U
78-93-8	2-Butanone	50	U
			1
	<u> </u>		-

PAGE 14

SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET	
	#3

Lab Name: CHEMTEON		Contract:	MAUMEE EXPRESS	Ny-A	
Project No.: L5782	She: LIRR-MO	OR Location:	MORRIS PARK	Group: 59	70-VOA
Matrix: (soll/water)	WATER		Lab Sample ID: O	94130	
Semple wt/vol:	0.5 (o/mL) ML	_	Lab File ID:	6987.D	Asphalt
Level: (low/med)			Date Received: 1	1/19/99	Irs/"
% Moisture: not dep.	. 0		Date Analyzed: 1	1/23/99	
GC Column: DB624	ID; 0.53	_(mm)	Dilution Factor:	1.0	•

Concentration Units:

Soli Extract Volume:	(uL)	Soil Aliquot Volume:	(uL)

CAS No.	Compound	(ug/L or ug/Kg) ug/L	Q
79-01-4	Vinyi Chloride	50	U
75-35-4	1,1-Dichloroethene	50	U
67-66-3	Chloroform	50	U
56-23-5	i Carson Tetrachlorid	50	U
71-43-2	" Benzene	50	U
107-06-2	1,2-Dichloroethane	50	U
79-01-6	Triphiorpethene	50	U
127-18-4	Tetrachioroethene	50	U
108-90-7	Chlorobenzene '	80	U
78-93-3	- A-Butanone	50	U
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FORM I VOA

CHEMTECH EDISON

PAGE SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

Contract: MAUMEE EXPRESS

Lab Name:	CHEMTECH		Contract.	MINORIEC CHAIL	
		Direct LIDD	Location:	N/A	Group: 5970-VO
Project No.:	L5785	Site: LIRR	Pocarious.	1407	

Lab Sample ID: 094144 WATER Matrix: (soil/water)

Lab File ID; E6986.D (g/mL) ML 0.5

· Sample wt/vol: Date Received: 11/19/99 Lavel: (low/med)

Date Analyzed: 11/23/99 % Moleture: not dec. Dilution Factor:

ID: 0.53 (mm) GC Column: DB624 Soil Allquot Volume: (uL) Soll Extraot Volume:

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
	•	50	U
75-01-4	Vinyl Chloride	50	U
75-35-4	1,1-Dichloroethene	50	Ų
37-68-3	Chloroform	50	U
56-23-5	Carbon Tetrachioride	50	U
71-43-2	Benzene	50	U
107-08-2	1,2-Dichloroethene	50	U
79-01-6	Trichloroethene	50	U
127-18-4	Tetrachioroethene	50	U
108-90-7 78-93-3	Chlorobenzene 2-Butanone	50	U

Soil Extract Volume:

VOLATILE ORGANICS ANALYSIS DATA SHEET

YOU THE STATE OF T	Contract:	MAUMEE EXPRESS	
ab Name: CHEMTECH	Location:	N/A Group:	5970-VOA
Project No.: L5785 Site: LIRR		Lab Sample ID: 094147	,
Matrix; (soil/water) WATER 0.5 (g/mL) ML		Lab File ID: E6989.D	240
Sampla wivon		Data Received: 11/19/99	Concrete
Level: (low/med)		Date Analyzed: 11/23/99	•
% Moisture: not dec	3_(mm)	Dilution Factor: 1.0	
GC Column: DB624 (uL)		Soil Aliquot Volume:	_ (uL)

Concentration (Jnits:
-----------------	--------

	Concentration Units: (up/L or ug/Kg) ug/L	Q
Compound		U
Virnyl Chiloride		U
1,1-Dichloroethene		U
Chloroform		U
Cerbon Tetrachloride		U
Benzene		U
1,2-Dichloroethans		U
Trichloroethene		Ü
Tetrachloroethene	50	U
	50	U
2-Butanone		
	Vinyl Chloride 1,1-Dichloroethene Chloroform Cerbon Tetrachloride Banzene 1,2-Dichloroethans Trichloroethene Tetrachloroethene Chlorobenzene 2-Butanone	Vinyl Chloride 50 1,1-Dichloroethene 50 Chloroform 50 Carbon Tetrachloride 50 Benzene 50 1,2-Dichloroethene 50 Trichloroethene 50 Tetrachloroethene 50 Chlorobenzene 50

SAMPLE NU.

	10			ALIET
SEMIVOLATILE ORG	ANICS	ANALYSIS	DATA	SHEE
SEMINOLY LIFE OLD	MILION	,		

O A BARRY PE	
SAMPLE	и
PERSONA PROPERTY	•
	SAMPLE

Lab Name: CHEMTECH	Contract:	MAUMEE EXPRES		
Project No.: L6859 Matrix: (soil/water) Sample wt/vol: Level: (low/med) % Moisture: 100 decanted: (Y/N) Concentrated Extract Volume: 1000 (uL) Injection Volume: 2,0 (uL) GPC Cleanup: (Y/N) N	_	MORRIS PARK Lab Sample ID: Lab File ID: Date Received: Date Extracted: Date Analyzed: Dilution Factor:	11/24/99 11/30/88 12/1/98	Jank Wate

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg)ug/L	Q
	Pyridine	50	U
110-86-1	1,4-Dichlorobenzene	50	U
106-46-7	2-Methylphenol	100	U
95-48-7 87-72-1	Hexachioroethane	50	U
87-72-1	3/4-Methylphenols	34	J
98-95-3	Nitrobenzene	50	U
87-68-3	Hexachiorobutadiene	50	U
95-95-4	2,4,5-Triohlorophenol	100	U
88-08-2	2,4,6-Trichlorophenol	100	U
121-14-2	2,4-Dinitrotoluene	50	U
118-74-1	Hexachlorobenzene	50	U
87-86-5	Pentachlorophenol	100	U

PAGE 11

SEMIVOLATILE ORGANICS	ANALYSIS	DATA	SHEET
OFWIA PRAILIPE ALLE			1

SAMPLE B

Lab Neme: CHEMTECH		MAUMEE EXPRES		
Project No.: L5859 Matrix: (soil/water) Sample wt/vol: Level: (low/med) Moleture: 100 Concentrated Extract Volume: 1000 (uL)	Location:	Lab Sample ID: C Lab File ID: E Date Received: Date Extracted: Date Analyzed: Dilution Factor:	11/24/99	Leach Soil pool son alo box
Injection Volume: 2.0 (UL) GPC Cleanup: (Y/N) N	рН:			

earrup: (Y/N)		Concentration Units:		
CAS No.	Compound	(ug/L, or ug/Kg) ug/L	Q	
	Pyridine	50	U	
110-86-1	1,4-Dichlorobenzene	50	Ü	
106-46-7	2-Methylphanol	100	U	
95-48-7	Z-Methylpriorio	50	U	
67-72-1	Hexachloroethane	100	U	500,000
-	3/4-Methylphanols	50	U	
98-95-3	Nitrobenzene	50	U	
87-68-3	Hexachlorobutadiene	100	U	
95-95-4	2,4,5-Trichlorophenol	100	U	
88-06-2	2,4,6-Trichiorophenol	50	U	
121-14-2	2,4-Dinitrotoluene	50	U	
118-74-1	Hexachiorobenzene	58	J	
87-86-5	Pentachlorophenol	- 30		
-				

PAGE 15 SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHI	E
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Lab Name: CHEMTECH EDIS	ON Contract:	MAUMEE EXPRESS	
Project No.: L5782	Site: LIRR-MORPLocation:	MORRIS PARK Group:	
Matric (soil/water) WATE		Lab Sample ID: 094123	Leach Pou
Sample wi/vol: 100.0		Lab File ID: J112408.D	Water
Level: (low/med)		Date Received: 11/19/99	
% Moisture: 100	decanted: (Y/N): N	Date Extracted: 11/23/99	
Concentrated Extract Volume:	1000 (UL)	Date Analyzed: 11/24/99	
Injection Valume: 1.0		Dilution Factor: 1.0	

GPC Cleanup: (Y/N) N pH:

enup: (Y/N)	N	pH:	
		Concentration Units:	Q
CAS No.	Compound		TU
110-86-1	Pyridine	500	1 0
106-46-7	1,4-Dichlorobenzene	50	1-0
95-48-7	2-Methylphenol	100	Ü
87-72-1	Hexachloroethane	50	1 0
	3/4-Methylphenols	100	1 0
98-95-3	Nitrobenzene	50	
87-68-3	Hexachiorobutadiene	50	U
95-95-4	2,4,5-Triohlorophanol	100	U
88-06-2	2,4,6-Trichlorophenol	100	U
121-14-2	2,4-Dinitrotoluene	50	U
118-74-1	Hexachlorobenzene	50	U
87-86-5	Pentachiorophenol	100	U
-			

NOV. 24. 1999 6: 02PM CHEMTECH EDISON

NO.949 P.15/16 SAMPLE NO.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

	- 1		
		_	

Lab Name: CHEMTECH EDISON	Contract:	MAUMEE EXPRESS	
	Site: LIRR-MORFLoostion:	MORRIS PARK Group	:
Matrix: (soll/water) WATER	*	Lab Sample ID: 094129	
Sample wt/vol: 100.0 (g/l	mL ML	Lab Flie ID: J112407.0	Conc no
Level: (low/med)		Date Received: 11/19/99	- (on-
	decanted: (Y/N): N	Date Extracted: 11/23/99	_
	000 (uL)	Date Analyzed: 11/24/99	
Injection Volume: 1.0 (ul.		Dilution Factor: 1.0	-

GPC Cleanup: (Y/N)	N_	pH:
		Concentration Units:
		4 6 44-4

Compound	Concentration Units: (ug/L or ug/Kg) ug/L	Q
	600	U
	50	U
The second secon	100	U
	50	U
	100	U
	50	U
	50	U
	100	U
	100	U
	50	U
	50	U
Pentachiorophenol	100	U
	Pyridine 1,4-Dichlorobenzene 2-Methylphenol Hexachloroethane 3/4-Methylphenols Nitrobenzene Hexachlorobutadiens 2,4,5-Trichlorophenol 2,4-B-Trichlorophenol 2,4-Dinitrotoluene Hexachlorobenzene Pentachlorophenol	Compound (ug/L or ug/Kg) ug/L Pyridine 500 1,4-Dichlorobenzerie 50 2-Methylphenol 100 Hexachloroethane 50 3/4-Methylphenols 100 Nitrobenzerie 50 Hexachlorobutadiens 50 2,4,5-Trichlorophenol 100 2,4,6-Trichlorophenol 100 2,4-Dinitrotoluene 50 Hexachlorobenzene 50

GPC Cleanup: (Y/N)

N

NO. 949

18 SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

SAMP	LE NO.
THE RESERVE AND PERSONS ASSESSED.	-

Lab Name: CHEMTE	ECH EDISON	Contract;	MAUMEE EXPRES	43- /	A
Project No.: L5782C	Site: Life	RR-MORRLocation:	MORRIS PARK	Group;	
Matrix: (soil/water)	WATER		Lab Sample ID:	094131	
Sample wt/vol:	100.0 (g/mL ML		Lab File ID:	/112410.D	Asphalt
Level: (tow/med)			Date Received:	11/19/99	11 stillen

% Moisture: 100 decanted: (Y/N): N Date Extracted: 11/23/99 Date Analyzed: 11/24/99 Concentrated Extract Volume: 1000 (uL) Dilution Factor: 1.0

pH:

Injection Volume: 1.0 (uL)

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg)ug/L_	Q
110-86-1	Pyridine	500	U
106-46-7	1,4-Dichlorobenzene	50	U
95-48-7	2-Methylphenol	100	U
67-72-1	Hexachloroethane	50	U
	3/4-Methylphenois	100	U
98-85-3	Nitrobenzene	50	U
87-58-3	Hexachlorobutadiene	50	U
95-95-4	2,4,5-Trichlorophenol	100	U
88-06-2	2,4,6-Trichlorophenol	100	U
121-14-2	2,4-Dinitrotoluene	50	U
118-74-1	Hexachlorobenzene	50	U
67-86-5	Pentachiorophenol	100	U

FORM I SV

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1.15.6.1				
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		-	-	-

24.155		SEMI	1B VOLATILÉ ORGANIC	OS ANAL	YSIS DATA SHEET	#4	
				Contracti	MAUMEE EXPRES	3	
Lab Name: Cl	HEMTECH	EDISON	THE WORLD	ocation:	MORRIS PARK	Group:	
Project No.: L	5785				Lab Sample ID:	94144	
Matrix: (soil/w		WATER			Lab File ID:		
Sample wt/vol		100.0	(g/ml_ ML		Date Received:		0 11
Level: (low/					Date Extracted:		Soil
% Moisture:			decanted: (Y/N):	N	Date Analyzed:		
Concentrated	Extract V	- olume:	1000 (uL)		Dilution Factor:		
		1.0	(uL)		Olithou Land.		
Injection Volu			pH:		_		
GPC Cleanu	D: (*//4)		_ (Concentre	klon Units: Ia/Ka) ug/L	Q	
CAS	No.	Compour	nd	(ug/L or L	500	U	
	-86-1	Pyridine		-	50	U	
140	3-46-7	1,4-Dich	orobenzene	+	100	U	
	48-7	2-Mathy	phenol		50	U	
	-72-1	Hexachi	oroethans		100	U	
67	12.1	3/4-Met	nyiphenois		50	U	
-		Nitrober	Zane		50	U	
98	95-3	Hevoch	lorobutadiene		and the same of th	U	
	-68-3	CAST	ichlorophenol		100	U	
	95-4	2,4,5-11	riuniorophenol		100	U	
	3-08-2	2,4,6-11	10(1)DEOPTION		50	Ü	
132	21-14-2	2,4-Din	itrotoluene	_	50	+ 0	
	18-74-1	Hexact	lorobenzene	-	100	1	
	7-86-5	Pentac	hlorophenol			1	
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t							1
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SEMIVOLATILE ORGANICS ANAL	YSIS DATA SHEET
ab Name: CHEMTECH EDISON Contract: Site: LIRR-MORFLocation:	MAUNEE EXPRESS
Matrix (acil/water) WATER	Lab Sample ID: 094147 Lab File ID: J112405.0
Sample wt/vol: 100.0 (g/mL ML	Date Received: 11/19/99
Level: (low/med) % Moisture: 100 decanted: (Y/N): N Concentrated Extract Volume: 1000 (uL)	Date Extracted: 11/23/99 Date Analyzed: 11/24/99 Dilution Pactor: 1.0

leanup: (Y/N) _	<u>N</u>	Concentration Units: (ug/L or ug/Kg)ug/L	Q
	Compound	500	U
Gen 90 1	Pyridine	50	U
100 40 7	1.4 Dichlorobenzene	100	U
00 49.7	2-Methylphenol	50	U
70 1	Heresch proethane	100	U
	3/4-Methylphenols	60	U
96-95-3	Nitrobenzane	50	U
87-68-3	Haxachlorobutadiene	100	U
95-95-4	2,4,5-Trichlorophenol	100	U
88-08-2	2,4,6-Trichlorophenol	50	U
121-14-2	2,4-Dinkrotoluene	50	U
118-74-1	Hexachlorobenzene	100	U
87-88-5	Pentachlorophenol		+-

Tank Water

REPORT OF ANALYSES

MAUMEN EXPRESS INC. 50 HOWARD STREET PISCATAWAY, NJ 00064-Attn: JOE ANGELONE

DATE: 12/01/99

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L5859

SAMPLE NUMBER- 94478 DATE RECEIVED- 11/24/99 DELIVERED BY- CLIENT

SAMPLE ID- SAMPLEA SAMPLE NUMBER- 94478 SAMPLE 1D- SAMPLE ADDATE SAMPLED- 11/23/99 TIME SAMPLED- 1600 SAMPLER- CLIENT TIME RECEIVED- 1346 RECEIVED BY- SP SAMPLE MATRIX- WW

Page 1 of 1

		ANALYSIS	3		
ANALYSIS	METHOD	DATE	TIME	BY	RESULT UNITS
TCLP ARSENIC	1311	11/30/99		KL	<0.060 mg/L
	1311	11/30/99		KL	0.046 mg/L
TCLP LEAD	1311	11/30/99		KL	0.522 mg/L
TCLP BARTUM	1311	11/30/99		KL	<0.050 mg/L
TCLE CADMIUM	1311	11/30/99		KI	<0.0050mg/L
TCLP MERCURY		11/30/99		KL	<0.040 mg/L
TCLP SELENIUM	1311	11/30/99		KL	<0.050 mg/L
TCLP SILVER	1311		*	KL	<0.050 mg/L
TCLP CHROMIUM	1311	11/30/99		1/1	10.000 mg/ =

Leach Port Soil in Alo Box

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REPORT OF ANALYSES

MAUNEE EXPRESS INC. 50 HOWARD STREET PISCATAWAY, NJ 08854-ALUN: JOE ANGELONE DATE: 12/01/99

L5859

SAMPLE NUMBER- 94479
DATE SAMPLED- 11/23/99
DATE RECEIVED- 11/24/99
DELIVERED BY- CLIENT

SAMPLE ID- SAMPLEBA TIME SAMPLED- 1600 SAMPLER- CLIENT TIME RECEIVED- 1346 RECEIVED BY- SP SAMPLE MATRIX- SO

Fage 1 of 1

	METHOD	DATE ,	TIME	ву	RESULT UNITS
TCLP ARSENIC TCLP LEAD TCLP BARIUM TCLP CADMIUM TCLP MERCURY	1311 1311 1311 1311 1311	11/30/99 11/30/99 11/30/99 11/30/99 11/30/99		KI KI KI KI	<pre><0.060 mg/L 2.00 mg/L 0.60 mg/L <0.050 mg/L <0.0050mg/L <0.040 mg/L <0.050 mg/L</pre>
TCLP SELENIUM TCLP BILVER TCLP CHROMIUM	1311 1311	11/30/99	.:/:	KL	<0.050 mg/L

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LABORATORY REPORT

REPORT OF ANALYSES

MAUMBE EXPRESS INC. 50 HOWARD STREET PISCATAWAY, MJ 08854-ALTD: JOE ANGELONE

DATE: 11/24/99

L5782

SAMPLE NUMBER- 94126 DATE SAMPLED- 11/17/99 DATE RECEIVED- 11/19/99 DELIVERED BY- CLIENT SAMPLE ID- 1-D TIME SAMPLED- 1030 SAMPLER- CLIENT TIME RECEIVED- 1015 RECEIVED BY- SP SAMPLE MATRIX- WW

Page 1 of 1

	40	AMALYSIS	3			
MALYSIE	MUTHOD	DATE	TIME	BY	RESULT	UWITS
	1311	11/24/99		KL	<0.060	
TCLP ARSENIC	1311	11/24/99		KL	<0.040	mg/L
TCLP LEAD	1311	11/24/99		KL	0.387	mg/L
TCLP BARIUM		11/24/99		KL	<0.050	mg/L
TCLP CADMIUM	- 1311			XL	0.010	The state of the s
TCLP MERCURY	1311	11/24/99		KL	<0.040	
TCLP SELENIUM	1311	11/24/99			<0.050	
TCLP SILVER	1311	11/24/99		X		
TOTAL CHRONIUM	1311	11/24/99		KL	<0.050	mil n

110 Route 4 Englewood, New Jarsey 07891 Phone: 201,567,5888 Fax: 201,567,1333 205 Campus Plaze 1 Edicon, NJ 08837 Phone: 732,225,4111 Fax: 732,225,4110 CHEMITECH

LABORATORY REPORT

Concrete

REPORT OF AMALYSES

MAUMEE EXPRESS INC. 50 HOWARD ETREET PISCATAWAY, NJ 08654-Attn: JOE ANGELONE

DATE: 11/24/99

L5782

BAMPLE NUMBER- 94129 DATE SAMPLED- 11/17/99 DATE RECEIVED- 11/19/99 DELIVERED BY- CLIENT SAMPLE ID- 2-B TIME SAMPLED- 1030 EAMPLER- CLIENT TIME RECEIVED- 1015 RECEIVED BY- SP SAMPLE MATRIX- WW

Page 1 of 1

•			AVALYSIS				
ANALYSIS		METROD	DATE	TIME	BY	RESULT	BTINU
TCLP ARSENIC	20	1311	11/24/99		KL	<0.050	Control of the Contro
		1311	11/24/99		KL	<0.040	mg/L
TCLP LEAD	*	1311	11/24/99		KL	2.40	mg/L
TCLP BARIUM		1311	11/24/99		KL	<0.050	mg/L
TCLP CADMIUM			11/24/99		KL	<0.0050	mar/L
TCLP MERCURY		1311			KL	<0.040	
TCLP SELENIUM		1311	11/24/99			<0.050	100000
TCLP SILVER		1311	11/24/99		KL		
TCLF CHRONIUM		1311	11/24/99		KL	0.269	mg/ n

110 Route 4 Englewood, New Jersey 07631 Phone: 201.557.6888 Fax: 201.557.1333 205 Campus Piezs 1 Edison, NJ 08837 Phons: 732.225.4111 Fax: 732:225.4110

CHEMIECH

LABORATORY REPORT

Asphalt

REPORT OF ANALYSES

MAUMEE EXPRESS INC. 50 HOWARD STREET PISCATAWAY, NJ 08854-Attn: JOE ANGELONE

DATE: 11/24/99

LS782

SAMPLE NUMBER- 94131 DATE SAMPLED- 11/17/99 DATE RECEIVED- 11/19/99 DELIVERED BY- CLIENT SAMPLE ID- 3-8
TIME SAMPLED- 1030 SAMPLER- CLIENT
TIME RECEIVED- 1015
RECEIVED BY- SP SAMPLE MATRIX- WW

Page 1 of 1

		ANALYSIS	1			
AMALYSIS	METHOD	DATE	TIME	BY	RESULT	UNITS
1000000	1311	11/24/99		KL	<0.069	
TOLP ARSENIC	1311	11/24/99		KL	0.045	mg/L
TCLP LEAD	1311	11/24/99		KL	2.36	mg/L
TCLP BARIUM		11/24/99		KL	<0.050	mg/L
TCLP CADMIUM	1311	11/24/99		·KL	<0.005	
TCLP MERCURY	1911			KL	<0.040	
TCLP SELENIUM	1311	11/24/99		KL	<0.050	
TCLP SILVER	1311	11/24/99			<0.050	
THE CHECHTUM	1311	11/24/99		KL	20.050	Hy/w

110 Route 4 Englewood, New Jersey 07631 Phone: 201.567.6888 Fex; 201.587.1333 205 Campus Plaze 1 Edison, NJ 08837 Phone: 732.225,4111 Fax: 732:225,4110

CHEINTECH

LABORATORY REPORT

Soil

REPORT OF ANALYSES

MAUMEE EXPRESS INC. 50 HOWARD STREET PISCATAWAY, NJ 08854-Attn: JOE ANGELONE

DATE: 11/24/99

L5785

SAMPLE NUMBER- 94144 DATE SAMPLED- 11/19/99 DATE RECEIVED- 11/19/99 DELIVERED BY- CLIENT SAMPLE ID- #4
TIME SAMPLED- 1445 SAMPLER- CLIENT
TIME RECEIVED- 1725
RECEIVED BY- SP SAMPLE MATRIX- 90

Page 1 of 1

	 METHOD	DATE	TIME	BY	RESULT	UNITS
ANALYSIS	1400 44-04					
	1311	11/24/99		KL	<0.060	
TCLP ARSENIC		11/24/99		KL	0.269	mg/L
TCLP LEAD	1311			KL	1.39	mg/L
TCLP BARIUM	1311	11/24/99			<0.050	The same of the sa
	1311	11/24/99		KL		
TCLP CADMIUM	1311	11/24/99		KL	<0.005	
TCLP MERCURY		11/24/99		XL	<0.040	mg/L
TCLP SBLENIUM	1311			KL	<0.050	
TCLP SILVER	1311	11/24/99			<0.050	
TOUR CHROMIUM	1311	11/24/99		Xr	₹0.030	Mig / A

¹¹⁰ Route 4
Englewood, New Jersey 07631
Phone: 201.567.6868 Fex: 201.567.1333

²⁰⁵ Campus Plaza 1 Edison, NJ 08837 Phone: 732.225.4111 Fax: 732.225.4111

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CHEMITECH

LABORATORY REPORT

Soil

REPORT OF ANALYSES

MAUMEE EXPRESS INC. 50 HOWARD STREET PISCATAWAY, NJ 08854-ACED: JOE ANGELONE

DATE: 11/24/99

L5785

SAMPLE NUMBER- 94145 DATE SAMPLED- 11/19/99 DATE RECEIVED- 11/19/99 DELIVERED BY- CLIENT SAMPLE ID- #5
TIME SAMPLED- 1445 SAMPLER- CLIENT
TIME RECEIVED- 1725
RECEIVED BY- SP SAMPLE MATRIX- SO

Page 1 of 1

		ANALY315		
ANALYSIS	METHOD	DATE T	IME BY	RESULT UNITS
	1311	11/24/99	RI	<0.060 mg/L
TCLP ARSENIC	1311	11/24/99	KI	1.37 mg/L
TCLP LEAD	1311	11/24/99	KI	2.68 mg/L
TCLP BARIUM .		11/24/99	KI	1-
TCLP CADMIUM	1311	11/24/99	KI	
TCLP MERCURY	1311	11/24/99	KI	
TCLP SELENIUM	1311	11/24/99	KI	/9
TCLP SILVER	1312		KI	19
TCLP CHROMIUM	1311	11/24/99	~~	

¹¹⁰ Route 4
Englswood, New Jersey 07831
Phone: 201.567.6868 Fec 201.587.1333

²⁰⁵ Campus Plaza 1 Edison, NJ 06837 Phone: 732.225.4111 Fex: 732:225.4110



LABORATORY REPORT

and Concrete

REPORT OF ANALYSES

MAUNEE EXPRESS INC. 50 HOWARD STREST PISCATAWAY, NJ 08854-Attn: JOE ANGELONE

DATE: 11/24/99

L5785

SAMPLE NUMBER- 94147 .
DATE SAMPLED- 11/19/99
DATE RECRIVED- 11/19/99
DELIVERED BY- CLIENT

SAMPLE ID- #7
TIME SAMPLED- 1445 SAMPLER- CLIENT
TIME RECEIVED- 1725
RECEIVED BY- SP SAMPLE MATRIX- 90

Page 1 of 1

				ANALYSIS				
ANALYSI	s		NETHOD	DATE	TIME	BA	RESULT	UNITE
TCLF AS	CPNTC		1311	11/24/99		KL	<0.060	
			1311	11/24/99		KL	0.151	
TCLP LI			1311	11/24/99		KL	0.407	
TCLP BI		•	1311	11/24/99		KL	<0.050	mg/L
TCLP C			1311	11/24/99		KL	<0.005	
TCLP M			1311	11/24/99		KL	<0.040	
TCLP SI			1311	11/24/99		KL	<0.050	mg/L
TCLP ST			1311	11/24/99		KL	<0.050	mg/L

110 Route 4 Englewood, New Jersey 07631 Phone: 201.587.6888 Fax: 201.587.1333 205 Campus Pleza 1 Edison, NJ 08937 Phone: 732.235.4111 Fax: 732:225,4110

TankWater

REPORT OF ANALYSIS

MAUMEE EXPRESS INC. 50 HOWARD STREET PISCATAWAY, NJ 08854-Attn: JOE ANGELONS

DATE: 12/01/99

PROJECT # L5859C

SAMPLE NUMBER- 94478 DATE BANDLED- 11/23/99 DATE RECEIVED- 11/24/99

DELIVERED BY- CLIENT

9898 1 of 1

ANALYSIS ICHITIBILITY

CORROSIVITY SULFIDE-REACTIVITY CYANIDE-REACTIVITY

SAMPLE ID- SAMPLEA TIME SAMPLED- 1600 SAMPLER- CLIENT TIME RECEIVED- 1346 RECEIVED BY- SF SAMPLE MATRIX- WN

METHOD	DATE.	TIME	BY	RESULT	UNITS
1010 Y9045 SW846	11/30/99 11/24/99 11/30/99 11/30/99		ST HMS ST ST	U 5.39 <40.0 <10.0	mg/kg

LABORATORY DIRECTOR

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REPORT OF ANALYSIS

Leach Pool Soil in No Box

MAUMEE EXPRESS INC. 50 HOWARD STREET PISCATAWAY, NJ 09854-Attn: JOE ANGELONE

DATE: 12/01/99

PROJECT # L5859C

SAMPLE NUMBER- 94479
DATE SAMPLED- 11/23/99
DATE RECEIVED- 11/24/99
DELIVERED BY- CLIENT

SAMPLE ID- SAMPLERA TIME SAMPLED- 1600 SAMPLER- CLIENT TIME RECEIVED- 1346 RECEIVED BY- SP SAMPLE MATRIX- SO

Page 1.05 1

AMALYSIS	METHOD	analysis etko	TIME	BY	RESULT	UNITS
IGNITIBILITY CORROSIVITY SULPIDE-REACTIVITY CYANIDE-REACTIVITY	1010 Y9045 SW846 SW846	11/30/99 11/25/99 11/30/99 11/30/99		ST HMS ST ST	U 6.31 <40.0 <10.0	mg/kg

LABORATORY DIRECTOR ____

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PAGE 05

NOV. 24.1999 5:59PM CHEMTECH EDISON

NO.949 P.4/16

. Leach Pool Water

REPORT OF ANALYSES

MAUMEE EXPRESS INC. 50 HOWARD STREET PISCATARAY, NJ 00054-Attn: JOB ANGELONE

DATE: 11/24/99

PROJECT # L5782C

DATE SAMPLED- 11/17/99
DATE RECEIVED- 11/19/99
DELIVERED BY- CLIENT

SAMPLE ID- 1-B TIME SAMPLED- 1030 SAMPLER- CLIENT TIME RECEIVED- 1015 RECEIVED BY- SP SAMPLE MATRIX- WW

Page 1 of 1

AMALYSIS METHOD DATE TIME BY RESULT UNITS

SULFIDE-REACTIVITY SW846 11/20/99 ST <10.0 mg/kg

CYANIDE-REACTIVITY SW846 11/20/99 ST < 10.0 mg/kg

LABORATORY DIRECTOR

KY.

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REPORT OF ANALYSIS

Leau Port Water

MAUMEE EXPRESS INC. SO HOWARD STREET PISCATAWAY, NJ 08854-Attn: JOE ANGELONE

- DATE: 11/26/99

PROJECT # L5782C

SAMPLE NUMBER- 94125 DATE SAMPLED- 11/17/99

EAMPLE ID- 1-C TIME SAMPLED- 1030 SAMPLER- CLIENT DATE RECEIVED- 11/19/99 TIME RECEIVED- 1015
DELIVERED BY- CLIENT RECEIVED BY- SP SAMPLE MATRIX- WW

Page 1 of 1

AWALYSIS

IGNITIBILITY CORROSIVITY

ANALYSIS

DATE TIME BY RESULT UNITS

1010 11/20/99 ST U Y9045 -11/19/99

PINU Eq 88.9 EMH

LABORATORY DIRECTOR

Concrete

REPORT OF AMALYSES

MAIMEE EXPRESS INC. 50 HOWARD STREET PISCATAWAY, NJ 08854-Attn: JOE ANGELORE

DATE: 11/24/99

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11.

PROJECT # L5782C

DATE SAMPLED- 11/17/99
DATE RECEIVED- 11/19/99
DELIVERED BY- CLIENT

SAMPLE ID- 2-8
TIME SAMPLED- 1030 SAMPLER- CLISH'
TIME RECEIVED- 1015
RECEIVED BY- SP SAMPLE MATRIX- 50

Page 1 of 1

		AMALYSIS			
AMALYEIS	METHOD	DATE	TIME	BX	RESULT UNITS
IGNITIBILITY	1010	11/20/99		ST	< U
CORROSIVITY	Y9045	11/22/99		HMS	11.84 PH UNIT
SULFIDE-REACTIVITY	BW846	11/20/99		er	< 40.0 mg/kg
CYANIDS-REACTIVITY	5W846	11/20/99		ST	< 10.0 mg/Kg
SOLIDS, PERCENT.	BPA 160.3	11/22/99		JAA	94.1 *

LABORATORY DIRECTOR

Asphalt

REPORT OF ANALYSES

MAUMER EXPRESS INC. 50 HOWARD STREET PISCATAWAY, MJ 08854-Attn: JOE ANGELONE

DATE: 11/24/99

PROJECT # L5782C

DATE SAMPLED- 11/18/99
DATE RECEIVED- 11/19/99
DELIVERED BY- CLIENT

SAMPLE ID- #3-B TIME SAMPLED- 1600 BAMPLER- CLIENT TIME RECEIVED- 101\$ RECEIVED BY- SP SAMPLE MATRIX- 80

Page 1 of 1

ANALYSIS	METEOD	DATE	TIME	BY	RE	EULT	UNITS
IGNITIBILITY CORROSIVITY SULFIDE-REACTIVITY CYANIDE-REACTIVITY SOLIDS, PERCENT	1010 Y904E 8W846 8W846 BPA 160.3	11/20/99 11/22/99 11/20/99 11/20/99 11/22/99		ST ST ST	<	40.0	PH UNIT ug/kg ug/Kg

LABORATORY DIRECTOR

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LABORATORY REPORT

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REPORT OF ANALYSIS

MAUMES EXPRESS INC. 50 HOWARD STREET PISCATAWAY, NJ 08854-Attn: JOB ANGELONE

DATE: 11/29/99

PROJECT # L5785C

SAMPLE NUMBER- 94144 DATE SAMPLED- 11/19/99 DATE RECEIVED- 11/19/99 DELIVERED BY- CLIENT

SAMPLE ID- #4 TIME SAMPLED- 1445 SAMPLER- CLIENT TIME RECEIVED- 1728 RECEIVED BY- SP SAMPLE MATRIX- SO

page 1 of 1

AND VCTC	METHOD	DATE	TIME	PY	RESULT	UNITS
ANALYSIS IGNITIBILITY CORROSIVITY BULFIDE-REACTIVITY CYANIDS-REACTIVITY	1010 Y9045 SW846 SW846	11/20/99 11/22/99 11/20/99 11/20/99		ST HMS ST ST JAA	U 8,33 <40.0 <10.0	mg/kg mg/kg
SOLIDS, PERCENT	EPA 160.3	11/22/99		JAM		•

LABORATORY DIRECTOR

205 Campus Plaza 1 Edison, NJ 08837 Phone: 732.225.4111 Fex: 732.225.4110

¹¹⁰ Route 4 Englewood, New Jersey 07631 Phone: 201.567.6668 Fex: 201.567.1333

Soil

REPORT OF ANALYSES

MAUMEE EXPRESS INC. 50 HOWARD STREET PISCATAWAY, NJ 08854-Attn: JOE ANGELONE DATE: 11/24/99

PRHLIMINARY RESULTS

- 114

PROJECT # L5785C

BAMPLE NUMBER- 94145
DATE SAMPLED- 11/19/99
DATE RECEIVED- 11/19/99
DELIVERED BY- CLIENT

SAMPLE ID- #5
TIME SAMPLED- 1445 SAMPLER- CLIENT
TIME RECEIVED- 1725
RECEIVED BY- SP SAMPLE MATRIX- 50

Page 1 of 1

AMALYSIS	иетноо	AMALYSIS DATE TIME		RESULT UNITS
IGNITIBILITY SULFIDE-REACTIVITY CYANIDE-REACTIVITY SOLIDS. PERCENT	1010 8W846 SW846 BPA 160.3	11/20/99 11/20/99 11/20/99 11/22/99	ST ST ST JAA	< 40.0 mg/kg < 10.0 mg/Kg 83.0 %

LABORATORY DIRECTOR ____

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LABORATORY REPORT

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REPORT OF ANALYSIS

MACMBE EXPRESS INC. SO HOWARD STREET PISCATAWAY, NJ 08854-Attn: JOE ANGELONE

DATE: 11/29/99

PROJECT # L5785C

SAMPLE NUMBER- 94147 DATE SAMPLED- 11/19/99 DATE RECEIVED- 11/19/99 DELIVERED BY- CLIENT

SAMPLE ID- #7 TIME SAMPLED- 1500 SAMPLER- CLIENT TIME RECEIVED- 1725 RECEIVED BY- SP SAMPLE MATRIX- 80

Page 1 of 1

ANALYSIS	METHOD	DATE	TIME	BY	RESULT	UNITS
IGNITIBILITY COPROSIVITY SULFIDE-REACTIVITY CYANIDE-REACTIVITY SOLIDS, PERCENT	1010 Y9045 SW846 EW846 BPA 160.3	11/20/99 11/22/99 11/20/99 11/20/99 11/22/99		et et et st jaa	U 10.29 <40.0 <10.0 93.2	mg/kg mg/Kg

LABORATORY DIRECTOR

110 Route 4 Englewood, New Jersey 07631 Phone: 201.587.6868 Fex; 201.587.1353 205 Campus Pleze 1 Edison, NJ 08837 Phone: 732,225,4111 Fex: 732,225,4110



12/07/99 TUE 14:07 FAX 5163776846

NYSDOH AIHA CTDOH ELAP PAT, LPAT

11418 102891

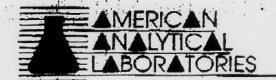
Client: Brookside Environmental	Client ID; LIRR (#1 South)
Date received: 12/06/99	Laboratory ID: 9916594
Date extracted: NA	Matrix: Soil
Date analyzed: 12/06/99	Contractor: 11418

EPA METHOD 8021 (STARS)

PARAMETER	CAS No.	RESULTS ug/kg
MTBE	1634-04-4	<5.
BENZENE	71-43-2	<5
n-BUTYLBENZENE	104-51-8	<5
sec-BUTYLBENZENE	135-98-8	<5
tert-BUTYLBENZENE	98-06-8	<5
ISOPROPYLBENZENE	98-82-8	<5
p-ISOPROPYLTOLUENE	99-87-6	<5
n-PROPYLBENZENE	103-65-1	<5
ETHYLBENZENE	100-41-4	₹5
NAPHTHALENE	91-20-3	<5
TOLUENE	108-88-3	<5
1,2,4-TRIMETHYLBENZENE	95-63-6	<5
1,3,5-TRIMETHYLBENZENE	108-67-8	<5
XYLENES (TOTAL)	1330-20-7	<15

Laboratory Director

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NYSDOH AIHA CTDOH ELAP PAT, LPAT PH-0206

11418 102391

Client: Brookside Environmental	Client ID: LIRR (#1 South)
Date received:12/06/99	Laboratory ID:9916594
Date extracted:12/06/99	Matrix: Soil
Date analyzed:12/07/99	Contractor: 11418

EPA METHOD 8270 (STARS)

Parameter	CAS No.	Results ug/kg
ACENAPHTHENE	83-32-9	. <40
FLUORENE	86-73-7	<40
PHENANTHRENE	85-01-8	96
ANTHRACENE	120-12-7	<40
FLUORANTHENE	206-44-0	260
PYRENE	129-00-0	220
BENZO-(a)-ANTHRACENE	56-55-3	130
CHRYSENE	218-01-9	150
BENZO-(b)-FLUORANTHENE	205-99-2	100
BENZO-(K) FLUORANTHENE	207-08-9	110
BENZO-(a)-PYRENE	50-32-8	100
INDENO(1,2,3-c,d)PYRENE	193-39-5	82
DIBENZO-(a,h)-ANTHRACENE	53-70-3	<40
BENZO-(g,h,I)-PERYLENE	191-24-2	75

Laboratory Director

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NYSOOH AIHA CTDOH ELAP PAT, LPAT PH-0206

11418 102391

Client: Brookside Environmental	Client ID: LIRR (#2 North)
Date received: 12/06/99	Laboratory ID: 9916595
Date extracted; NA	Matrix: Soil
Date analyzed: 12/06/99	Contractor: 11418

EPA METHOD 8021 (STARS)

PARAMETER	CAS No.	RESULTS ug/kg
MTBE	1634-04-4	<5
BENZENE	71-43-2	<5
n-BUTYLBENZENE	104-51-8	<5.
sec-BUTYLBENZENE	135-98-8	<5
tert-BUTYLBENZENE	98-06-8	<5
ISOPROPYLBENZENE	98-82-8	<5 "
P-ISOPROPYLTOLUENE	99-87-6	<5
n-PROPYLBENZENE	103-65-1	<5
ETHYLBENZENE	100-41-4	<5
NAPHTHALENE	91-20-3	<5
TOLUENE	108-88-3	<5
1,2,4-TRIMETHYLBENZENE	95-63-6	<5
1,3,5-TRIMETHYLBENZENE	108-67-8	. <5
XYLENES (TOTAL)	1330-20-7	<15

/Laboratory Director



TUE 14:08 FAX 5163776846

CTDOH

Client: Brookside Environmental	Client ID: LIRR (# 2 North)
Date received:12/06/99	Laboratory ID:9916595
Date extracted:12/06/99	Matrix: Soil
Date analyzed:12/07/99	Contractor: 11418

EPA METHOD 8270 (STARS)

Parameter	CAS No.	Results ug/kg
ACENAPHTHENE	83-32-9	430
FLUORENE	86-73-7	710
PHENANTHRENE	85-01-8	8,400
ANTHRACENE	120-12-7	1,500
FLUORANTHENE	208-44-0	11,000
PYRENE	129-00-0	9,500
BENZO-(a)-ANTHRACENE	56-55-3	5,000
CHRYSENE	218-01-9	5,200
BENZO-(b)-FLUORANTHENE	205-99-2	5,400
BENZO-(k) FLUORANTHENE	207-08-9	3,500
BENZO-(a)-PYRENE	50-32-8	4,300
INDENO(1,2,3-c,d)PYRENE	193-39-5	2,400
DIBENZO-(a.h)-ANTHRACENE	53-70-3	1.400
BENZO-(g,h,I)-PERYLENE	191-24-2	1,900

Laboratory Director

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BROOKSIDE ENVIRONMENTAL

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NYSDOH AIHA CTDOH ELAP PAT, LPAT PH-0208

11418 102391

Client: Brookside Environmental	Client ID; LIRR (See Below)
Date received: 12/06/99	Laboratory ID: See Below
Date extracted: 12/07/99	Matrix: Soll
Date analyzed: 12/07/99	Contractor: 11418

TCLP Pb ANALYSIS

Lab ID	Client ID	Regulatory Limit	Results mg/L
9916594	#1 South	5.00 PPM	9:79
9916595	#2 North	5.00 PPM	24.2

Method: SW846, 1311 extraction TCLP, 6010 analysis.

Laboratory Director

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NYSDOH AIHA CTDOH

ELAP PAT, LPAT PH-0205

Client: Brookside Environmental	Client ID: LIRR Morris Facility(SE 2'-4')	
Date received:12/09/99	Laboratory D:9916824	
Date extracted:12/09/99	Matrix: Soil	
Date analyzed: 12/09/99	Contractor: 11418	

EPA METHOD 8270 (STARS)

Parameter	CAS No.	Results ug/kg
ACENAPHTHENE	83-32-9	<40
FLUORENE	88-73-7	<40
PHENANTHRENE	85-01-8	<40
ANTHRACENE	120-12-7	<40
FLUORANTHENE	208-44-0	<40
PYRENE	129-00-0	<40
BENZO-(a)-ANTHRACENE	56-55-3	<40
CHRYSENE	218-01-9	<40
BENZO-(b)-FLUORANTHENE	205-99-2	<60
BENZO-(k) FLUORANTHENE	207-08-9	<100
BENZO-(a)-PYRENE	50-32-8	<40
INDENO(1,2,3-c,d)PYRENE	193-39-5	<40
DIBENZO-(a,h)-ANTHRACENE	53-70-3	<40
BENZO-(g,h,l)-PERYLENE	191-24-2	<40



NYSDOH AIHA CTDOH ELAP PAT, LPAT PH-0205 11418 102391

Client: Brookside Environmental	Client ID: LIRR Morris Facility(8E 2'-4')	
Date received: 12/09/99	Laboratory ID: 9916824	
Date extracted: 12/10/99	Matrix: Soil	
Date analyzed: 12/10/99	Contractor: 11418	

METALS ANALYSIS

i	Parameter	REPORTING LIMIT	RESULT mg/kg
1		mg/kg	
	LEAD, Pb	0.5 mg/kg	<0.5

Method: SW846, 6010 analysis

Laboratory Director



NYSDOH AHA CTDOH PAT, LPAT PH-0206 11418 102391

Client: Brookside Environmental	Client ID: LIRR Morris Facility(SE 4'-8')
Date received: 12/09/99	Laboratory ID:9916825
Date extracted:12/09/99	Matrix: Soil
Date analyzed:12/09/99	Contractor: 11418

EPA METHOD 8270 (STARS)

Parameter	CAS No.	Results ug/kg
ACENAPHTHENE	83-32-9	<40
FLUORENE	86-73-7	<40
PHENANTHRENE	85-01-8	<40
ANTHRACENE	120-12-7	<40
FLUORANTHENE	208-44-0	<40
PYRENE	129-00-0	<40
BENZO-(a)-ANTHRACENE	56-55-3	<40
CHRYSENE	218-01-9	<40
BENZO-(b)-FLUORANTHENE	205-99-2	<60
BENZO-(k) FLUORANTHENE	207-08-9	<100
BENZO-(a)-PYRÉNÉ	50-32-8	<40
INDENO(1,2,3-c,d)PYRENE	193-39-5	<40
DIBENZO-(a,h)-ANTHRACENE	53-70-3	<40
BENZO-(g,h,l)-PERYLENE	191-24-2	<40

Laboratory Director

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NYSDOH

PAT, LPAT PH-0205

102391

Client: Brookside Environmental	Client ID: LIRR Morris Facility(SE 4'-6')	
Date received: 12/09/99	Laboratory ID: 9916825	
Date extracted: 12/10/99	Matrix: Soil	
Date analyzed: 12/10/99	Contractor: 11418	

METALS ANALYSIS

:	Parameter	REPORTING LIMIT mg/kg	RESULT mg/kg
i	LEAD, Pb	0.5 mg/kg	<0.5

Method: SW848, 6010 analysis



ELAP PAT, LPAT PH-0205

Client: Brookside Environmental	Client ID: LIRR Morrie Facility(SW 2'-4')
Date received: 12/09/99	Laboratory ID:9916826
Date extracted: 12/09/99	Matrix: Soil
Date analyzed:12/09/99	Contractor: 11418

EPA METHOD 8270 (STARS)

Parameter	CAS No.	Results ug/kg
ACENAPHTHENE	83-32-9	<40
FLUORENE	88-73-7	<40
PHENANTHRENE	85-01-8	<40
ANTHRACENE	120-12-7	<40
FLUORANTHENE	206-44-0	<40
PYRENE	129-00-0	<40
BENZO-(a)-ANTHRACENE	56-55-3	<40
CHRYSENE	218-01-9	<40
BENZO-(b)-FLUORANTHENE	205-99-2	<60
BENZO-(k) FLUORANTHENE	207-08-9	<100
BENZO-(a)-PYRENE	60-32-8	<40
INDENO(1,2,3-c,d)PYRENE	193-39-5	<40
DIBENZO-(a,h)-ANTHRACENE	53-70-3	<40
BENZO-(g,h,l)-PERYLENE	191-24-2	<40

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NYSDOH AIHA CTDOH ELAP PAT, LPAT PH-0205 11/418 102391

Client: Brookside Environmental	Client ID: LIRR Morris Facility(SW 2'-4')
Date received: 12/09/99	Laboratory ID: 9916826
Date extracted: 12/10/99	Matrix: Soil
Date analyzed: 12/10/99	Contractor: 11418

METALS ANALYSIS

. 1	Parameter	REPORTING LIMIT	RESULT mg/kg
	<u> </u>	mg/kg	
	LEAD, Pb	0.5 mg/kg	<0.5

Method: SW846, 6010 analysis



PAT, LPAT PH-0205 11418

Client Brookside Environmental	Client ID: LIRR Morris Facility(NE 2'-4')	
Date received; 12/09/99	Laboratory ID:9916830	
Date extracted:12/09/99	Matrix: Soil	
Date analyzed:12/09/99	Contractor: 11418	

EPA METHOD 8270 (STARS)

Parameter	CAS No.	Results ug/kg
ACENAPHTHENE	83-32-9	<40
FLUORENE	86-73-7	<40
PHENANTHRENE	85-01-8	<40
ANTHRACENE	120-12-7	<40
FLUORANTHENE	206-44-0	<40
PYRENE	129-00-0	<40
BENZO-(a)-ANTHRACENE	56-55-3	<40
CHRYSENE	218-01-9	<40
BENZO-(b)-FLUORANTHENE	205-99-2	<60
BENZO-(K) FLUORANTHENE	207-08-9	<100
BENZO-(a)-PYRENE	50-32-8	<40
INDENO(1,2,3-c,d)PYRENE	193-39-5	<40
DIBENZO-(a,h)-ANTHRACENE	53-70-3	<40
BENZO-(g,h,l)-PERYLENE	191-24-2	<40

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NYSDOH AIHA CTDOH

TO

ELAP PAT, LPAT PH-0205

11418

Client: Brookside Environmental	Client ID: LIRR Morris Facility(NE 2'-4')
Date received; 12/09/99	Laboratory ID: 9916830
Date extracted: 12/10/99	Matrix: Soil
Date analyzed: 12/10/99	Contractor: 11418

METALS ANALYSIS

Parameter	REPORTING LIMIT	RESULT mg/kg
 ž .	mg/kg	
LEAD, Pb	0.5 mg/kg	<0.5

Method: SW846, 6010 analysis



ELAP PAT, LPAT PH-0205

11418 102391

Client Brookside Environmental	Client ID: LIRR Morris Facility(NE 4'-6')
Date received::12/09/99	Laboratory ID:9916831
Date extracted:12/09/99	Matrix: Soll
Date analyzed:12/09/99	Contractor: 11418

EPA METHOD 8270 (STARS)

Parameter	CAS No.	Results ug/kg
ACENAPHTHENE	83-32-9	<40
FLUORENE	86-73-7	<40
PHENANTHRENE	85-01-8	<40
ANTHRACENE	120-12-7	<40
FLUORANTHENE	206-44-0	<40
PYRENE	129-00-0	<40
BENZO-(a)-ANTHRACENE	56-55-3	<40
CHRYSENE	218-01-9	<40
BENZO-(b)-FLUORANTHENE	205-99-2	<60
BENZO-(k) FLUORANTHENE	207-08-9	<100
BENZO-(a)-PYRENE	50-32-8	<40
INDENO(1,2,3-c,d)PYRENE	193-39-5	<40
DIBENZO-(a,h)-ANTHRACENE	53-70-3	<40
BENZO-(g,h,l)-PERYLENE	191-24-2	<40



ELAP PAT, LPAT PH-0205 1418 102391

Client: Brookside Environmental	Client ID: LIRR Morris Facility(NE 4'-6')
Date received: 12/09/99	Laboratory ID: 9916831
Date extracted: 12/10/99	Matrix: Soil
Date analyzed: 12/10/99	Contractor: 11418

METALS ANALYSIS

* * *	Parameter	REPORTING LIMIT mg/kg	RESULT mg/kg
	LEAD, Pb	0.5 mg/kg	<0.5

Method: SW846, 6010 analysis



ELAP PAY, LPAT PH-0205

11418 102391

Client: Brookside Environmental	Client ID; LIRR Morris Facility(NW-2'-4')	
Date received: 12/09/99	Laboratory ID:9916828	
Date extracted:12/09/99	Matrix: Soil	
Date analyzed:12/09/99	Contractor: 11418	

EPA METHOD 8270 (STARS)

Parameter	CAS No.	Results ug/kg
ACENAPHTHENE	83-32-9	<40
FLUORENE	86-73-7	<40
PHENANTHRENE	85-01-8	<40
ANTHRACENE	120-12-7	<40
FLUORANTHENE	206-44-0	<40
PYRENE	129-00-0	<40
BENZO-(a)-ANTHRACENE	56-55-3	<40
CHRYSENE	218-01-9	<40
BENZO-(b)-FLUORANTHENE	205-99-2	<60
BENZO-(k) FLUORANTHENE	207-08-9	<100
BENZO-(a)-PYRENE	50-32-8	<40
INDENO(1,2,3-c,d)PYRENE	193-39-5	<40
DIBENZO-(a,h)-ANTHRACENE	53-70-3	<40
BENZO-(g,h,I)-PERYLENE	191-24-2	<40

TO



NYSDOH AIHA CTDOH

ELAP PAT, LPAT PH-0206 11418 102391

Client: Brookside Environmental	Client ID: LIRR Morris Facility(NW 2'-4')
Date received; 12/09/99	Laboratory ID: 9916828
Date extracted: 12/10/99	Matrix: Soil
Date analyzed: 12/10/99	Contractor: 11418

METALS ANALYSIS

CP.	Parameter	REPORTING LIMIT	RESULT mg/kg
		mg/kg	
1	LEAD, Pb	0.5 mg/kg	<0.5

Method: SW846, 6010 analysis

ELAP PAT, LPAT PH-0205 17418

Client: Brookside Environmental	Client ID: LIRR Morris Facility(NW 4'-6')	
Date received: 12/09/99	Laboratory ID:9916829	
Date extracted:12/09/99	Matrix: Soil	
Date analyzed:12/09/99	Contractor: 11418	

EPA METHOD 8270 (STARS)

Parameter	CAS No.	Results ug/kg
ACENAPHTHENE	83-32-9	<40
FLUORENE	86-73-7	<40
PHENANTHRENE	85-01-8	<40
ANTHRACENE	120-12-7	<40
FLUORANTHENE	206-44-0	<40
PYRENE	129-00-0	<40
BENZO-(a)-ANTHRACENE	5 8-55- 3	<40
CHRYSENE	218-01-9	<40
BENZO-(b)-FLUORANTHENE	205-99-2	<60
BENZO-(k) FLUORANTHENE	207-08-9	<100
BENZO-(a)-PYRENE	50-32-8	<40
INDENO(1,2,3-c,d)PYRENE	193-39-5	<40
DIBENZO-(a,h)-ANTHRACENE	53-70-3	<40
BENZO-(g,h,I)-PERYLENE	191-24-2	<40



NYSDOH ELAP AIHA PAT, LPAY CTDOH PH-0205

11418 192391

Client: Brookside Environmental	Client ID: LIRR Morris Facility(NW 4'-6')
Date received: 12/09/99	Laboratory ID: 9916829
Date extracted: 12/10/99	Matrix: Soil
Date analyzed: 12/10/99	Contractor: 11418

METALS ANALYSIS

• •	Parameter	REPORTING LIMIT mg/kg	RESULT mg/kg
	LEAD, Pb	0.5 mg/kg	<0.5

Method: SW846, 6010 analysis

Sou' Bleye
Laboratory Director

ELAP PAT, LPAT PH-0205 111518

Client: Brookside Environmental	Client ID: LIRR Marris Facility(C 2'-4')	
Date received: 12/09/99	Laboratory ID:9916832	
Date extracted: 112/09/99	Matrix: Soll	
Date analyzed: 12/09/99	Contractor: 11418	

EPA METHOD 8270 (STARS)

Parameter	CAS No.	Results ug/kg
ACENAPHTHENE	83-32-9	<40
FLUORENE	86-73-7	<40
PHENANTHRENE	85-01-8	<40
ANTHRACENE	120-12-7	<40
FLUORANTHENE	206-44-0	<40
PYRENE	129-00-0	<40
BENZO-(a)-ANTHRACENE	56-55-3	<40
CHRYSENE	218-01-9	<40
BENZO-(b)-FLUORANTHENE	205-99-2	<60
BENZO-(k) FLUORANTHENE	207-08-9	<100
BENZO-(a)-PYRENE	50-32-8	<40
INDENO(1,2,3-c,d)PYRENE	193-39-5	<40
DIBENZO-(a,h)-ANTHRACENE	53-70-3	, <40 .
BENZO-(g,h,l)-PERYLENE	191-24-2	<40

Ron Sleyen

Laboratory Director

NYSDOH Alha CTDOH PAT, LPAT PH-0205 11418

Client: Brookside Environmental	Client ID: LIRR Morris Facility(C 2'-4')		
Date received: 12/09/99	Laboratory ID: 9916832		
Date extracted: 12/10/99	Matrix: Soll		
Date analyzed: 12/10/99	Contractor: 11418		

METALS ANALYSIS

Parameter	REPORTING LIMIT mg/kg	RESULT mg/kg	
LEAD, Pb	0.5 mg/kg	11.1	

Method: SW846, 6010 analysis



ELAP PAT, LPAT PH-0205 11418

Client: Brookside Environmental	Client ID: LIRR Morris Facility		
Date received: 12/09/99	Laboratory ID:9916833		
Date extracted:12/09/99	Matrix: Soil		
Date analyzed:12/09/99	Contractor: 11418		

EPA METHOD 8270 (STARS)

Parameter	CAS No.	Results ug/kg
ACENAPHTHENE	83-32-9	<40
FLUORENE	86-73-7	<40
PHENANTHRENE	85-01-8	· <40
ANTHRACENE	120-12-7	<40
FLUORANTHENE	206-44-0	<40
PYRENE	129-00-0	<40
BENZÓ-(a)-ANTHRACENE	56-55-3	<40
CHRYSENE	218-01-9	<40
BENZO-(b)-FLUORANTHENE	205-99-2	<60
BENZO-(k) FLUORANTHENE	207-08-9	<100
BENZO-(a)-PYRENE	50-32-8	<40
INDENO(1,2,3-c,d)PYRENE	193-39-5	. <40
DIBENZO-(a,h)-ANTHRACENE	53-70-3	. <40
BENZO-(g,h,I)-PERYLENE	191-24-2	<40

Y abordrony Director



ELAP PAT, LPAT AIHA CTDOH PH-0205

11418 102391

Client Brookside Environmental	Client ID: LIRR Morris Facility
Date received: 12/09/99	Laboratory ID: 9916833
Date extracted: 12/10/99	Matrix: Soil
Date analyzed: 12/10/99	Contractor: 11418

METALS ANALYSIS

Parameter	REPORTING LIMIT mg/kg	RESULT mg/kg	
LEAD, Pb	0.5 mg/kg	421	

Method: SW84B, 6010 analysis

VOLATILE ORGANICS ANALYSIS DATA SHEET

SAMPLE NO.

20	-	Þ
38	щ	b
M.		۲

Leh Namer CHEMTECH	1	Contract:		
Lab Name: CHEMTECH Project No.: L5785 Matric (soll/water) Sample wt/vol: Level: (low/med) % Moisture: not dec.	Site: LIRR SOIL 5.0 (g/mL) G LOW 17	Location:	0	· · · · · · · · · · · · · · · · · · ·
GC Column: DB624 Soil Extract Volume:	(uL)	,,,,,,	Soll Aliquot Valume; (uL)	

CAS No.	Compound	Concentration Units: (ug/L or ug/Kg) ug/Kg	Q Tot
	Dichlorodifluoromethana	6	U
75-71-8		6	U
74-87-3	Chloromethane	1	U
75-01-4	Vinyl Chloride	6	U
74-83-9	Bromomethane	- 6	U
75-00-3	Chioroethane	6	U
75-89-4	Trichloroffuoromethene	6	u
75-35-4	1,1-Dichlorosthene	- 6	U
57-64-1	Agetone	- 8	U
75-15-0	Carbon Disulfide	6	U
75-09-2	Methylene Chloride	6	U
156-00-5	trams-1,2-Diohloroethene	30	U
108-0504	Vinyt Acetate	6	U
75-34-3	1,1-Dichloroethane	6	U
78-93-3	2-Butanone	6	U
549-20-7	2,2-Dichloropropane	6	U
166-59-2	cis-1,2-Dichloroethene	6	10
74-97-5	Bromochloromethane	8	1 0 1
67-66-3	Chloroform		U
71-55-6	1,1,1-Trichloroethane	6	U
563-58-6	1.1-Dichloropropens	8	U
58-23-5	Carbon Tetrachloride	6	U
71-43-2	Benzene		Ü
107-06-2	1,2-Dichloroethane	8	+ 5 -
79-01-6	Trichloroethene	6	Ü
78-87-5	1,2-Dichloropropens	8	 ŭ
74-95-3	Dibromomethane	6	10
75-27-4	Bromodichloromathane		
108-10-1	4-Methyl-2-Pentanone	6	 ŭ
108-88-3	Toluene		- u
10061-02-6	t-1,3-Dichleropropene	8	- 0
10061-01-5	cis-1,3-Diohloropropens	6	1 0
79-00-6	1.1.2-Trichloroethane	8	1-0
142-28-9	1.3-Diohioropropane	6	

VOLATILE ORGANICS ANALYSIS DATA SHEET

ALT	JIG DATA OTTER	- 日本
	-	#3
ract:	MAUMEE EXPRESS	

Lab Name: CHEMTECH	4	Contract:	MAUMEE EXPRESS	
Project No.: L5785	Site: LIRR	Location:	1417	up: <u>5970-VOA</u>
Matrix: (soll/water)	SOIL		Lab Sample ID: 094145	
Sample wt/vol:	LOW (g/mL) G		Date Received: 11/19/9	19
Level: (low/med) % Molature: not dec.	17		Date Analyzed: 11/24/) Sol
GC Column: DB624	ID: 0.58	(mm)	Dilution Factor: 1.0 Soil Aliquot Volume:	(uL)
Soil Extract Volume:	(uL)		801 Vildrar Agina.	_ ` '

Concentration Units:

CAS No.		oncentration Units: ug/L or ug/Kg) ug/Kg	Q	TOTA
	2-Chlorosthyl vinyl ether	6	U	4
10-75-8	2-Chioroetty virty out	8	Ü	4
591-78-6	2-Haxanone	6	U	-
124-48-1	Dibromochloromethane	6	U	_
08-93-4	1,2-Dibromoethane	28		_
27-18-4	Tetrachloroethene	6	U	4
108-90-7	Chlorobenzene	6	U	4
830-20-6	1,1,1,2-Tetrachioroethene	8	U	_
100-41-4	Ethyl Benzene	8	U	
1330-20-7	m/p-Xylenes	8	U	
95-47-6	o-Xylene	6	U	
100-42-5	Styrens	6	U	
75-25-2	Bromoform	8	U	
96-82-8	Isopropyibenzens	6	U	
79-34-5	1,1,2,2-Tatrachloroethane	6	U	
96-18-4	1,2,3-Trichloropropane	8	U	
108-86-1	Bromobenzene	6	U	
103-65-1	n-propylbenzene	6	U	
95-49-8	2-Chlorotoluena	6	U	
108-67-8	1,3,5-Trimethylbenzene	6	U	
106-43-4	4-Chlorotoluene		U	
98-08-6	tert-Butylbenzens	8	Ü	
95-63-6	1.2.4-Trimethylbenzene	6	Ü	
135-98-8	sec-Butylbenzene	8	U	
99-87-6	p-Isopropyitoluene	6	1 0	
541-73-1	1,3-Dichlorobenzene	6	1 0	-
106-48-7	1,4-Dichlorobenzene	8		
1045-10-8	n-Butylbenzene	8	Ü	
95-50-1	1.2-Dichlorobenzene	8	- 0	
96-12-8	1,2-Dibromo-3-Chioropropa	ne 6	U	-
120-82-1	1,2,4-Trichlorobenzena		1 0	
87-68-3	Hexachlorobutadiene	6		
	Naphthelene	6	 ŭ	-
91-20-3 87-61-6	1,2,3-Triohiorobenzene	6		

NO.981 P.4/5



LABORATORY REPORT

REPORT OF ANALYSIS

Soil

MAUMEE EXPRESS INC. 50 HOWARD STREET PISCATAWAY, NJ 08894-Attn: JOE ANGELONE

DATE: 11/29/99

PROJECT # L5785C

SAMPLE NUMBER- 94146 DATE SAMPLED- 11/19/99 DATE RECEIVED- 11/19/99 DELIVERED BY- CLIENT

SAMPLE ID- #6 TIME SAMPLED- 1445 SAMPLER- CLIENT TIME RECEIVED- 1725 RECEIVED BY- SP SAMPLE MATRIX- 60

Page 1 of 1

BIRYJAKA

METHOD

ANALYSIS

DATE TIME BY RESULT UNITS

TOTAL PETROLEUM HYDROCARBONS 418.1 11/29/99 SOLIDS, PERCENT

EPA 160.3 11/22/99

JAA 119 JAA 86.5 mg/kg

LABORATORY DIRECTOR

110 Route 4 Englewood, New Jersey 07831 Phone: 201.567.6868 Fex: 201.567,1333

Phone: 732.225,4111 Fax: 732.225.4110

REPORT OF ANALYSIS .

MAUMHE EXPRÉSS INC. 30 HOWARD STREET PISCATANAY, NJ 08854-Attn: JOS ANGELOWE

DATE: 12/01/99

PROJECT # L5785C

SAMPLE NUMBER- 94583 DATE SAMPLED- 11/19/89 DATE RECEIVED- 11/19/99 DELIVERED SY- CLIENT

SAMPLE ID- OSA TIME SAMPLED- 1445 SAMPLER- CLIENT TIME RECEIVED- 1725 RECRIVED BY- SP SAMPLE MATRIX- SO

Page 1 of p

ANALYSIS

ANALYSIS DATE

METHOD

TIME BY RESULT UNITS

TOTAL PETROLEUM HYDROCARBONS

418.1

11/30/99

JAA 368 mg/kg

LABORATORY DIRECTOR

Contract.

REPORT OF ANALYSIS

MAUNEE EXPRESS INC. 50 MOWARD STREET PIECATAWAY, NJ 08854-Attn: JOH ANGELOME

DATE: 12/01/99

PHOJECT # 15785C

DATE SAMPLED- 11/19/99
DATE RECKIVED- 11/19/99
DELIVERED BY- CLIENT

SAMPLE ID- 06B
TIME SAMPLED- 1445 SAMPLER- CLIENT
TIME RECEIVED- 1725
RECEIVED BY- 5P SAMPLE MATRIX- SO

Page 1 of 1

ANALYSIS

ANALYSIS

METHOD

DATE TIME BY RESULT UNITS

151 - 1

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TOTAL PRIROLEUM HYDROCARBONS

418.1

11/30/99

JAA 309

mg/kg

LABORATORY DIRECTOR

REPORT OF ANALYSIS

SAMPLE ID- 06C

MAUMME EXPRESS INC. 50 HOWARD STREET PISCATAWAY, NJ 08954-Attri JOE ANGELONE

DATE: 12/01/99

PROJECT # L5785C

BAMPLE NUMBER- 94585 DATE SAMPLED- 11/19/99 DATE RECEIVED- 11/19/99 DELIVERED BY- CLIENT

TIME SAMPLED- 1445 SAMPLER- CLIENT TIME RECEIVED- 1725 RECEIVED BY- SP SAMPLE MATRIX- SO

Page 1 of 1

ANALYSIS

ANALYSIS

METHOD

DATE TIME BY RESULT UNITS

TOTAL PETROLEUM HYDROCARBONS

418.1 11/30/99

JAA . 504 mg/kg

LABORATORY DIRECTOR

5 5211/5

3

REPORT OF ANALYSIS

MAUMER EXPRESS INC. 50 HOWARD STREET PISCATAWAY, NJ 08854-Attn: JOE ANGELONE

DATE: 12/01/99

PROJECT # L5785C

SAMPLE NUMBER- 94586 DATE SAMPLED- 11/19/99 DATE RECEIVED- 11/19/99 DELIVERED BY- CLIENT

SAMPLE ID- 06D TIME SAMPLED- 1445 SAMPLER- CLIENT TIME RECEIVED- 1725 RECEIVED BY- SP SAMPLE MATRIX- 80

Page 1 of 1

NNALYSIE

ANALYSIS

METHOD

DATE TIME BY RESULT UNITS

TOTAL PHTROLEUM HYDROCARBONS

418.1 11/30/99

JAA 265

1311

LABORATORY DIRECTOR

REPORT OF ANALYSIS

WAUMEE EXPRESS INC. 50 HOWARD STREET FISCATAWAY, NJ 08854-Attn: JOE ANGELONE

DATE: 12/01/99

FROJECT # 15795C

SAMPLE NUMBER- 94587
DATE SAMPLED- 11/19/99
DATE RECEIVED- 11/19/99
DELIVERED BY- CLIENT

SAMPLE ID- 06E
TIME SAMPLED- 1445 SAMPLER- CLIENT
TIME RECEIVED- 1725
RECEIVED BY- SP SAMPLE MATRIX- SO

Page 1 of 1

ANALYSIS

HWALYSIS METHOD DATE TIME BY RESULT UNITS

TOTAL PETROLEUM HYDROCARBONS 418.1 11/30/99 JAA 130 mg/kg

LABORATORY DIRECTOR

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APPENDIX B

FORMER PAINT STRIPPING OPERATION AREA – WASTE CHARACTERIZATION RESULTS

SUMMARY TABLES FOR CHARACTERIZATION ANALYSES

TABLE 1 LONG ISLAND RAILROAD MORRIS PARK REPAIR FACILITY FORMER PAINT STIPPING OPERATION AREA WASTE WASH WATER CHARATERIZATION SAMPLING RESULTS VOLATILE ORGANIC COMPOUNDS

SAMPLE ID DESCRIPTION DATE OF COLLECTION UNITS	Floor Wash Water Floor Wash Water 3/13/00 ug/l	Contract Required Detection Limits ug/I	Groundwater "Contained In" Action Level ug/I
			0.7
Benzene	U	1	0.7
Bromobenzene	U	1	5
Bromochloromethane	U	1	5
Bromodichloromethane	U	1	50
Bromoform	U	1	50
Bromomethane	U	1	5
n-Butylbenzene	U	1	5
sec-Butylbenzene	U	1	5
tert-Butylbenzene	U	1	5
Carbon Tetrachloride	U	1	5
Chlorobenzene	U	1	5
Chlorodibromomethane	U	1	50
Chloroethane	U	1	5
Chloroform	12	1	7
Chloromethane	U	1	5
2-Chlorotoluene	U	1	5
4-Chlorotoluene	U	1	5
1,2-Dibromo-3-chloropropane	U	1	0.2
1,2-Dibromoethane	U	1	5
Dibromomethane	U	1	5
1,2-Dichlorobenzene	U	1	4.7
1,3-Dichlorobenzene	U	1	5
1,4-Dichlorobenzene	U	1	4.7
Dichlorodifluoromethane	U	1	5
1,1-Dichloroethane	U	1	5
1,2-Dichloroethane	U	1	5
1,1-Dichloroethene	U	1	5
cis-1,2-Dichloroethene	U	1	5
trans-1,2-Dichloroethene	U	1	5

QUALIFIERS:

U: Constituent analyzed for but not detected.

TABLE 1 (continued) LONG ISLAND RAILROAD

MORRIS PARK REPAIR FACILITY FORMER PAINT STIPPING OPERATION AREA

WASTE WASH WATER CHARATERIZATION SAMPLING RESULTS VOLATILE ORGANIC COMPOUNDS

SAMPLE ID	Floor Wash Water	Contract Required	Groundwater
DESCRIPTION	Floor Wash Water	Detection Limits	"Contained In"
DATE OF COLLECTION	12/03/99		Action Level
UNITS	ug/l	ug/l	ug/l
			_
1,2-Dichloropropane	U	1	5
1,3-Dichloropropane	U	1	5
2,2-Dichloropropane	U	1	5
1,1-Dichloropropene	U	1	5
Ethylbenzene	U	1	5
Hexachlorobutadiene	U	1	5
Isopropylbenzene	U	1	5
p-Isopropyltoluene	U	1	5
Methylene Chloride	U	1	5
Naphthalene	U	1	10
n-Propylbenzene	U	1	5
Styrene	U	1	5
1,1,1,2-Tetrachloroethane	U	1	5
1,1,2,2-Tetrachloroethane	U	1	5
Tetrachloroethene	U	1	5
Toluene	4	1	5
1,2,3-Trichlorobenzene	U	1	5
1,2,4-Trichlorobenzene	U	1	5
1,1,1-Trichloroethane	U	1	5
1,1,2-Trichloroethane	U	1	5
Trichloroethene	U	1	5
Trichlorofluoromethene	U	1	5
1,2,3-Trichloropropane	U	1	5
1,3,5-Trimethylbenzene	U	1	5
1,2,4-Trimethylbenzene	U	1	5
Vinyl Chloride	U	1	2
Acetone	U	1	50
Carbon Disulfide	U	1	5
2-Butanone	U	1	50
Vinyl Acetate	U	1	50
4-Methyl-2-pentanone	U	1	50
2-Hexanone	U	1	50
Xylenes (total)	U	3	5

QUALIFIERS:

U: Constituent analyzed for but not detected.

STANDING STORMWATER SAMPLING RESULTS METHYLENE CHLORIDE AND TOLUENE FORMER PAINT STIPPING OPERATION AREA UNDERGROUND STORAGE TANK MORRIS PARK REPAIR FACILITY **LONG ISLAND RAILROAD** TABLE 2

SAMPLE ID	(South)	(A) - 45.)	כסווים	Groundwater
	Standing	(NOTION)	Required	"Contained In"
	B III III	Standing	Detection	Action Level
DESCRIPTION St	Storm Water	Storm Water	Limits	
DATE OF COLLECTION	2/25/00	2/25/00		
UNITS	l/gn	l/gn	l/gn	l/gn
			ž.	
Methylene chloride	>	⊃	-	2
Toluene	כ	<u></u>	-	2

QUALIFIERS: U: Constituent analyzed for but not detected.

TABLE 3
LONG ISLAND RAILROAD
MORRIS PARK REPAIR FACILITY
FORMER PAINT STRIPPING OPERATION AREA
ACID RINSE SAMPLES COLLECTED FROM UNDERGROUND STORAGE TANK
METHYLENE CHLORIDE AND TOLUENE

SAMPLE ID DESCRIPTION DATE OF COLLECTION UNITS	Acid Rinse Acid Rinse 3/6/00 ug/l	Contract Required Detection Limits ug/l	Groundwater "Contained In" Action Level ug/I
Methylene chloride Toluene	8 8		ນ ນ

QUALIFIERS:

U: Constituent analyzed for but not detected.

DETERGENT RINSE SAMPLES COLLECTED FROM UNDERGROUND STORAGE TANK METHYLENE CHLORIDE AND TOLUENE FORMER PAINT STRIPPING OPERATION AREA MORRIS PARK REPAIR FACILITY LONG ISLAND RAILROAD TABLE 4

SAMPLE ID	Detergent Rinse	Contract Required	Groundwater
SAMPLE DESCRIPTION	Detergent Rinse	Detection Limit	"Contained In"
DATE OF COLLECTION	3/6/00		Action Level
UNITS	l/gn	l/gn	l/gn
Methylene chloride	13	-	2
Toluene	4	-	2

QUALIFIERS: U: Constituent analyzed for but not detected.

STEAM RINSE SAMPLES COLLECTED FROM UNDERGROUND STORAGE TANK METHYLENE CHLORIDE AND TOLUENE FORMER PAINT STRIPPING OPERATION AREA MORRIS PARK REPAIR FACILITY LONG ISLAND RAILROAD TABLE 5

SAMPLE ID	Steam Rinse	Contract Required Detection Limits ug/l	Groundwater
DESCRIPTION	Steam Rinse		"Contained In"
DATE OF COLLECTION	3/6/00		Action Level
UNITS	ug/l		ug/l
Methylene chloride Toluene	4 5	← ←	വവ

QUALIFIERS: U: Constituent analyzed for but not detected.

RAW DATA FOR CHARACTERIZATION ANALYSES AND DISPOSAL FACILITY REQUIREMENTS



ELAP PAT, LPAT PH-0205 11418 102391

March 15, 2000

Richard Taylor Brookside Environmental 2108 Grand Avenue Baldwin, NY 11510

Re: LIRR Morris Park Yard

Dear Mr. Taylor;

Enclosed please find the Laboratory Analysis Report(s) for sample(s) received on March 13, 2000. American Analytical Laboratories analyzed the samples through March 14, 2000 for the following;

· CLIENT ID	ANALYSIS	
Floor Wash Water	EPA 8260	

If you have any questions or require further information, please call at your convenience. American Analytical Laboratories would like to thank you for the opportunity to be of service to you.

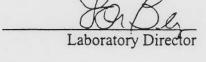
Best Regards,

American Analytical Laboratories, Inc.

Client: Brookside Environmental	Client ID: LIRR Morris Park Yard(Floor Wash Water)
Date received: 03/13/00	Laboratory ID: 0011176
Date extracted: NA	Matrix: Liquid
Date analyzed: 03/14/00	Contractor: 11418

EPA METHOD 8260

Parameter	CAS No.	Results ug/L
BENZENE	71-43-2	<1
BROMOBENZENE	108-86-1	<1
BROMOCHLOROMETHANE	74-97-5	<1
BROMODICHLOROMETHANE	75-27-4	<1
BROMOFORM	75-25-2	<1
BROMOMETHANE	74-83-9	<1
n-BUTYLBENZENE	104-51-8	<1
sec-BUTYLBENZENE	135-98-8	<1
tert-BUTYLBENZENE	98-06-6	<1
CARBON TETRACHLORIDE	56-23-5	<1
CHLOROBENZENE	108-90-7	<1
CHLORODIBROMOMETHANE	124-48-1	<1
CHLOROETHANE	75-00-3	<1
CHLOROFORM	67-66-3	12
CHLOROMETHANE	74-87-3	<1
2-CHLOROTOLUENE	95-49-8	<1
4-CHLOROTOLUENE	106-43-4	<1
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	<1
1,2-DIBROMOETHANE	106-93-4	<1
DIBROMOMETHANE	74-95-3	<1
1,2-DICHLOROBENZENE	95-50-1	<1 .
1,3-DICHLOROBENZENE	541-73-1	<1
1,4-DICHLOROBENZENE	106-46-7	<1
DICHLORODIFLUOROMETHANE	75-71-8	<1
1,1-DICHLOROETHANE	75-34-3	<1
1,2-DICHLOROETHANE	107-06-2	<1
1,1-DICHLOROETHENE	75-35-4	<1
cis-1,2-DICHLOROETHENE	156-59-2	<1
trans-1,2-DICHLOROETHENE	156-60-5	<1

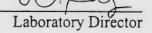




Client: Brookside Environmental	Client ID: LIRR Morris Park Yard(Floor Wash Water)	
Date received: 03/13/00	Laboratory ID: 0011176	
Date extracted: NA	Matrix: Liquid	
Date analyzed: 03/14/00	Contractor: 11418	

EPA METHOD 8260

Parameter	CAS No.	Results ug/L
1,2-DICHLOROPROPANE	78-87-5	<1
1,3-DICHLOROPROPANE	142-28-9	<1
2,2-DICHLOROPROPANE	594-20-7	<1
1,1-DICHLOROPROPENE	563-58-6	<1
ETHYLBENZENE	100-41-4	<1
HEXACHLOROBUTADIENE	87-68-3	<1
ISOPROPYLBENZENE	98-82-8	<1
p-ISOPROPYLTOLUENE	99-87-6	<1
METHYLENE CHLORIDE	75-09-2	<1
NAPHTHALENE	91-20-3	<1
n-PROPYLBENZENE	103-65-1	<1
STYRENE	100-42-5	<1
1,1,1,2-TETRACHLOROETHANE	630-20-6	<1
1,1,2,2-TETRACHLOROETHANE	79-34-5	<1
TETRACHLOROETHENE	127-18-4	<1
TOLUENE	108-88-3	4
1,2,3-TRICHLOROBENZENE	87-61-6	<1
1,2,4-TRICHLOROBENZENE	120-82-1	<1
1,1,1-TRICHLOROETHANE	71-55-6	<1
1,1,2-TRICHLOROETHANE	79-00-5	<1
TRICHLOROETHENE	79-01-6	<1
TRICHLOROFLUOROMETHANE	75-69-4	<1
1,2,3-TRICHLOROPROPANE	96-18-4	<1
1,3,5-TRIMETHYLBENZENE	108-67-8	<1
1,2,4-TRIMETHYLBENZENE	95-63-6	<1
VINYL CHLORIDE	75-01-4	<1
ACETONE	62-64-1	<1
CARBON DISULFIDE	75-15-0	<1
2-BUTANONE	78-93-3	<1
VINYL ACETATE	108-05-4	<1
4-METHYL-2-PENTANONE	108-10-1	<1
2-HEXANONE	591-78-6	<1
XYLENES (TOTAL)	1330-20-7	<3





NYSDOH AIHA CTDOH ELAP PAT, LPAT PH-0205 11418 102391

February 28, 2000

Richard Taylor Brookside Environmental 2108 Grand Avenue Baldwin, NY 11510

Re: LIRR Morris Park/Tank Water

Dear Mr. Taylor;

Enclosed please find the Laboratory Analysis Report(s) for sample(s) received on February 25, 2000. American Analytical Laboratories analyzed the samples through February 28, 2000 for the following;

CLIENT ID	ANALYSIS	
MPTW-1 [South]	EPA 8260 (Toluene & Methylene Chloride)	
MPTW-2 [North]	EPA 8260 (Toluene & Methylene Chloride)	

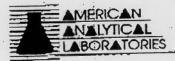
If you have any questions or require further information, please call at your convenience. American Analytical Laboratories would like to thank you for the opportunity to be of service to you.

Best Regards,

American Analytical Laboratories, Inc.

Client: Brookside Environmental	Client ID: LIRR Morris Park/Tank Water (MPTW-1 [South])
Date received: 02/25/00	Laboratory ID: 0010926
Date extracted: NA	Matrix: Liquid
Date analyzed: 02/28/00	Contractor: 11418

Parameter	CAS No.	Results ug/L
METHYLENE CHLORIDE	75-09-2	· · · ; · <1
TOLUENE	108-88-3	<1



Glient: Brookside Environmental	Client ID: LIRR Morris Park/Tank Water (MPTW-2 [North]) Laboratory ID: 0010927	
Date received: 02/25/00		
Date extracted: NA	Matrix: Liquid	
Date analyzed: 02/28/00	Contractor: 11418	

	Parameter	CAS No.	Results ug/L
	METHYLENE CHLORIDE:	75-09-2	· · · <1
1	TOLUENE	108-88-3	<1



NYSDOH AIHA CTDOH ELAP PAT, LPAT PH-0205 11418 102391

March 09, 2000

Richard Taylor Brookside Environmental 2108 Grand Avenue Baldwin, NY 11510

Re:

LIRR Morris Park Yard

Dear Mr. Taylor;

Enclosed please find the Laboratory Analysis Report(s) for sample(s) received on March 07, 2000. American Analytical Laboratories analyzed the samples through March 10, 2000 for the following;

CLIENT ID	ANALYSIS	
Tank Rinse-1	EPA 8260	
Top Rinse-2	EPA 8260	
Acid Rinse	EPA 8260	
Detergent Rinse	EPA 8260	
Steam Rinse	EPA 8260	

If you have any questions or require further information, please call at your convenience. American Analytical Laboratories would like to thank you for the opportunity to be of service to you.

Best Regards,

American Analytical Laboratories, Inc.

Client: Brookside Environmental	Client ID: LIRR Morris Park Yard (Acid Rinse)	
Date received: 03/07/00	Laboratory ID: 0011115	
Date extracted: NA	Matrix: Liquid	
Date analyzed: 03/07/00	Contractor: 11418	

Parameter	CAS No.	Results ug/L
METHYLENE CHLORIDE	75-09-2	43
TOLUENE	108-88-3	8





Client: Brookside Environmental	Client ID: LIRR Morris Park Yard (Detergent Rinse)	
Date received: 03/07/00	Laboratory ID: 0011116	
Date extracted: NA	Matrix: Liquid	
Date analyzed: 03/07/00	Contractor: 11418	

Parameter	CAS No.	Results ug/L
METHYLENE CHLORIDE	75-09-2	13
TOLUENE	108-88-3	4





Client: Brookside Environmental	Client ID: LIRR Morris Park Yard (Steam Rinse)	
Date received: 03/07/00	Laboratory ID: 0011117	
Date extracted: NA	Matrix: Liquid	
Date analyzed: 03/08/00	Contractor: 11418	

Parameter	CAS No.	Results ug/L
METHYLENE CHLORIDE	75-09-2	14
TOLUENE	108-88-3	5





Client: Brookside Environmental	Client ID: LIRR Morris Park Yard (Top Rinse-2)
Date received: 03/07/00	Laboratory ID: 0011114
Date extracted: NA	Matrix: Liquid
Date analyzed: 03/10/00	Contractor: 11418

Parameter	CAS No.	Results ug/L
METHYLENE CHLORIDE	75-09-2	<1
TOLUENE	108-88-3	<1





Client: Brookside Environmental	Client ID: LIRR Morris Park Yard (Tank Rinse-1)
Date received: 03/07/00	Laboratory ID: 0011113
Date extracted: NA	Matrix: Liquid
Date analyzed: 03/10/00	Contractor: 11418

Parameter	CAS No.	Results ug/L
METHYLENE CHLORIDE	75-09-2	<1
TOLUENE	108-88-3	<1





NYSDOH AIHA CTDOH ELAP PAT, LPAT PH-0205 11418

March 20, 2000

Richard Taylor Brookside Environmental 2108 Grand Avenue Baldwin, NY 11510

Re:

LIRR Morris Park Yard

Déar Mr. Taylor:

Enclosed please find the Laboratory Analysis Report(s) for sample(s) received on March 09, 2000. American Analytical Laboratories analyzed the samples through March 20, 2000 for the following:

CLIENT ID	ANALYSIS
South #1	EPA 8260
Center #2	EPA 8260
North #3	EPA 8260

If you have any questions or require further information, please call at your convenience. American Analytical Laboratories would like to thank you for the opportunity to be of service to you.

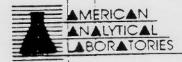
Best Regards,

American Analytical Laboratories, Inc.

Client: Brookside Environmental	Client ID: LIRR Morris Park Yard (South #1)
Date received: 03/09/00	Laboratory ID: 0011159
Date extracted: NA	Matrix: Soil
Date analyzed: 03/10/00	Contractor: 11418

Parameter	CAS No.	Results ug/kg
BENZENE	71-43-2	<5
BROMOBENZENE	108-86-1	<5
BROMOCHLOROMETHANE	74-97-5	<5
BROMODICHLOROMETHANE	75-27-4	<5
BROMOFORM	75-25-2	<5
BROMOMETHANE	74-83-9	<5
n-BUTYLBENZENE	104-51-8	<5
sec-BUTYLBENZENE	135-98-8	<5
tert-BUTYLBENZENE	98-06-6	<5
CARBON TETRACHLORIDE	56-23-5	<5
CHLOROBENZENE	108-90-7	<5
CHLORODIBROMOMETHANE	124-48-1	<5
CHLOROETHANE	75-00-3	<5
CHLOROFORM	67-66-3	<5
CHLOROMETHANE	74-87-3	<5
2-CHLOROTOLUENE	95-49-8	<5
4-CHLOROTOLUENE	106-43-4	<5
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	<5
1.2-DIBROMOETHANE	106-93-4	<5
DIBROMOMETHANE	74-95-3	<5
1,2-DICHLOROBENZENE	95-50-1	<5
1,3-DICHLOROBENZENE	541-73-1	<5
1,4-DICHLOROBENZENE	106-46-7	<5
DICHLORODIFLUOROMETHANE	75-71-8	<5
1,1-DICHLOROETHANE	75-34-3	<5
1,2-DICHLOROETHANE	107-06-2	<5
1,1-DICHLOROETHENE	75-35-4	< < 5
cis-1,2-DICHLOROETHENE	156-59-2	<5
trans-1,2-DICHLOROETHENE	156-60-5	<5

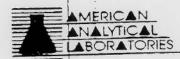
Laboratory Director



Client: Brookside Environmental	Client ID: LIRR Morris Park Yard (South #1)	
Date received: 03/09/00	Laboratory ID: 0011159	
Date extracted: NA	Matrix: Soil	
Date analyzed: 03/10/00	Contractor: 11418	

Parameter	CAS No.	Results ug/kg
1,2-DICHLOROPROPANE	78-87-5	<5
1.3-DICHLOROPROPANE	142-28-9	<5
2.2-DICHLOROPROPANE	594-20-7	<5
1,1-DICHLOROPROPENE	563-58-6	<5
ETHYLBENZENE	100-41-4	<5
HEXACHLOROBUTADIENE	87-68-3	<5
ISOPROPYLBENZENE	98-82-8	<5
p-ISOPROPYLTOLUENE	99-87-6	<5
METHYLENE CHLORIDE	75-09-2	<5
NAPHTHALENE	91-20-3	35
n-PROPYLBENZENE	103-65-1	<5
STYRENE	100-42-5	<5
1,1.1,2-TETRACHLOROETHANE	630-20-6	<5
1,1.2,2-TETRACHLOROETHANE	79-34-5	<5
TETRACHLOROETHENE	127-18-4	<5
TOLUENE	108-88-3	<5
1,2,3-TRICHLOROBENZENE	87-61-6	<5
1.2.4-TRICHLOROBENZENE	120-82-1	<5
1,1,1-TRICHLOROETHANE	71-55-6	<5
1,1,2-TRICHLOROETHANE	79-00-5	<5
TRICHLOROETHENE	79-01-6	<5
TRICHLOROFLUOROMETHANE	75-69-4	<5
1,2,3-TRICHLOROPROPANE	96-18-4	<5
1,3,5-TRIMETHYLBENZENE	108-67-8	<5
1,2,4-TRIMETHYLBENZENE	95-63-6	<5
VINYL CHLORIDE	75-01-4	<5
ACETONE	62-64-1	120
CARBON DISULFIDE	75-15-0	<5
2-BUTANONE	78-93-3	<5
VINYL ACETATE	108-05-4	<5
4-METHYL-2-PENTANONE	108-10-1	<5
2-HEXANONE	591-78-6	<5
XYLENES (TOTAL)	1330-20-7	<15

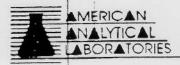




Client: Brookside Environmental	Client ID: LIRR Morris Park Yard (Center #2)
Date received: 03/09/00	Laboratory ID: 0011160
Date extracted: NA	Matrix: Soil
Date analyzed: 03/10/00-03/20/00	Contractor: 11418

Parameter	CAS No.	Results ug/kg
BENZENE	71-43-2	<250
BROMOBENZENE	108-86-1	<250
BROMOCHLOROMETHANE	74-97-5	<250
BROMODICHLOROMETHANE	75-27-4	<250
BROMOFORM	75-25-2	<250
BROMOMETHANE	74-83-9	<250
n-BUTYLBENZENE	104-51-8	1,300
sec-BUTYLBENZENE	135-98-8	9,200
tert-BUTYLBENZENE	98-06-6	1,900
CARBON TETRACHLORIDE	56-23-5	<250
CHLOROBENZENE	108-90-7	<250
CHLORODIBROMOMETHANE	124-48-1	<250
CHLOROETHANE	75-00-3	<250
CHLOROFORM	67-66-3	<250
CHLOROMETHANE	74-87-3	<250
2-CHLOROTOLUENE	95-49-8	<250
4-CHLOROTOLUENE	106-43-4	<250
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	<250
1,2-DIBROMOETHANE	106-93-4	<250
DIBROMOMETHANE	74-95-3	<250
1,2-DICHLOROBENZENE	95-50-1	<250
1,3-DICHLOROBENZENE	541-73-1	<250
1,4-DICHLOROBENZENE	106-46-7	<250
DICHLORODIFLUOROMETHANE	75-71-8	<250
1,1-DICHLOROETHANE	75-34-3	<250
1,2-DICHLOROETHANE	107-06-2	<250
1,1-DICHLOROETHENE	75-35-4	<250
cis-1,2-DICHLOROETHENE	156-59-2	<250
trans-1,2-DICHLOROETHENE	156-60-5	<250

Laboratory Director

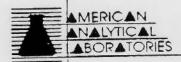


Client: Brookside Environmental	Client ID: LIRR Morris Park Yard (Center #2)
Date received: 03/09/00	Laboratory ID: 0011160
Date extracted: NA	Matrix: Soil
Date analyzed: 03/10/00-03/20/00	Contractor: 11418

Parameter	CAS No.	Results ug/kg
1.2-DICHLOROPROPANE	78-87-5	<250
1,3-DICHLOROPROPANE	142-28-9	<250
2,2-DICHLOROPROPANE	594-20-7	<250
1.1-DICHLOROPROPENE	563-58-6	<250
ETHYLBENZENE	100-41-4	47,000
HEXACHLOROBUTADIENE	87-68-3	<250
ISOPROPYLBENZENE	98-82-8	1,400
p-ISOPROPYLTOLUENE	99-87-6	<250
METHYLENE CHLORIDE	75-09-2	<25
NAPHTHALENE	91-20-3	140,000
n-PROPYLBENZENE	103-65-1	2,500
STYRENE	100-42-5	<250
1,1,1,2-TETRACHLOROETHANE	630-20-6 .	<250
1,1,2,2-TETRACHLOROETHANE	79-34-5	<250
TETRACHLOROETHENE	127-18-4	<250
TOLUENE	108-88-3	18,000
1,2,3-TRICHLOROBENZENE	87-61-6	<250
1,2,4-TRICHLOROBENZENE	120-82-1	<250
1,1,1-TRICHLOROETHANE	71-55-6	<250
1,1,2-TRICHLOROETHANE	79-00-5	<250
TRICHLOROETHENE	79-01-6	<250
TRICHLOROFLUOROMETHANE	75-69-4	<250
1,2,3-TRICHLOROPROPANE	96-18-4	<250
1,3,5-TRIMETHYLBENZENE	108-67-8	17,000
1,2,4-TRIMETHYLBENZENE	95-63-6	7,900
VINYL CHLORIDE	75-01-4	<250
ACETONE	62-64-1	5,100
CARBON DISULFIDE	75-15-0	<250
2-BUTANONE	78-93-3	<250
VINYL ACETATE	108-05-4	<250
4-METHYL-2-PENTANONE	108-10-1	<250
2-HEXANONE	591-78-6	<250
XYLENES (TOTAL)	1330-20-7	310,000

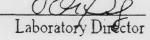
Raised MDL due to elevated non-target analytes.

Laboratory Director



Client: Brookside Environmental	Client ID: LIRR Morris Park Yard (North #3)
Date received: 03/09/00	Laboratory ID: 0011161
Date extracted: NA	Matrix: Soil
Date analyzed: 03/10/00-03/20/00	Contractor: 11418

Parameter	CAS No.	Results ug/kg
BENZENE	71-43-2	<250
BROMOBENZENE	108-86-1	<250
BROMOCHLOROMETHANE	74-97-5	<250
BROMODICHLOROMETHANE	75-27-4	<250
BROMOFORM	75-25-2	<250
BROMOMETHANE	74-83-9	<250
n-BUTYLBENZENE	104-51-8	3,000
sec-BUTYLBENZENE	135-98-8	22,000
tert-BUTYLBENZENE	98-06-6	4,700
CARBON TETRACHLORIDE	56-23-5	<250
CHLOROBENZENE	108-90-7	<250
CHLORODIBROMOMETHANE	124-48-1	<250
CHLOROETHANE	75-00-3	<250
CHLOROFORM	67-66-3	<250
CHLOROMETHANE	74-87-3	<250
2-CHLOROTOLUENE	95-49-8	<250
4-CHLOROTOLUENE	106-43-4	<250
1,2-DIBROMO-3-CHLOROPROPANE	96-12-8	<250
1.2-DIBROMOETHANE	106-93-4	<250
DIBROMOMETHANE	74-95-3	<250
1.2-DICHLOROBENZENE	95-50-1	<250
1.3-DICHLOROBENZENE	541-73-1	<250
1,4-DICHLOROBENZENE	106-46-7	<250
DICHLORODIFLUOROMETHANE	75-71-8	<250
1,1-DICHLOROETHANE	75-34-3	<250
1,2-DICHLOROETHANE	107-06-2	<250
1,1-DICHLOROETHENE	75-35-4	<250
cis-1,2-DICHLOROETHENE	156-59-2	<250
trans-1,2-DICHLOROETHENE	156-60-5	<250



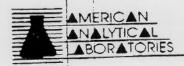


Client: Brookside Environmental	Client ID: LIRR Morris Park Yard (North #3)
Date received: 03/09/00	Laboratory ID: 0011161
Date extracted: NA	Matrix: Soil
Date analyzed: 03/10/00-03/20/00	Contractor: 11418

Parameter	CAS No.	Results ug/kg
1.2-DICHLOROPROPANE	78-87-5	<250
1,3-DICHLOROPROPANE	142-28-9	<250
2.2-DICHLOROPROPANE	594-20-7	<250
1,1-DICHLOROPROPENE	563-58-6	<250
ETHYLBENZENE	100-41-4	140,000
HEXACHLOROBUTADIENE	87-68-3	<250
ISOPROPYLBENZENE	98-82-8	4,900
p-ISOPROPYLTOLUENE	99-87-6	<250
METHYLENE CHLORIDE	75-09-2	<25
NAPHTHALENE	91-20-3	220,000
n-PROPYLBENZENE	103-65-1	8,500
STYRENE	100-42-5	<250
1,1,1.2-TETRACHLOROETHANE	630-20-6	<250
1,1,2,2-TETRACHLOROETHANE	79-34-5	<250
TETRACHLOROETHENE	127-18-4	300
TOLUENE	108-88-3	20,000
1,2,3-TRICHLOROBENZENE	87-61-6	<250
1,2,4-TRICHLOROBENZENE	120-82-1	<250
1,1,1-TRICHLOROETHANE	71-55-6	<250
1,1,2-TRICHLOROETHANE	79-00-5	<250
TRICHLOROETHENE	79-01-6	<250
TRICHLOROFLUOROMETHANE	75-69-4	<250
1,2,3-TRICHLOROPROPANE	96-18-4	<250
1,3.5-TRIMETHYLBENZENE	108-67-8	44,000
1,2,4-TRIMETHYLBENZENE	95-63-6	20,000
VINYL CHLORIDE	75-01-4	<250
ACETONE	62-64-1	5,000
CARBON DISULFIDE	75-15-0	<250
2-BUTANONE	78-93-3	<250
VINYL ACETATE	108-05-4	<250
4-METHYL-2-PENTANONE	108-10-1	<250
2-HEXANONE	591-78-6	<250
XYLENES (TOTAL)	1330-20-7	620,000

Raised MDL due to elevated non-target analytes.

Laboratory Director



NYSDOH AIHA CTDOH ELAP PAT, LPAT PH-0205 11418 102391

March 06, 2000

Richard Taylor Brookside Environmental 2108 Grand Avenue Baldwin, NY 11510

Re: LIRR Morris Park Yard

Dear Mr. Taylor;

Enclosed please find the Laboratory Analysis Report(s) for sample(s) received on March 01, 2000. American Analytical Laboratories analyzed the samples through March 03, 2000 for the following;

CLIENT ID	ANALYSIS
CONCDUST-1	EPA 8260

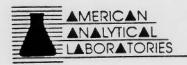
If you have any questions or require further information, please call at your convenience. American Analytical Laboratories would like to thank you for the opportunity to be of service to you.

Best Regards,

American Analytical Laboratories, Inc.

Client: Brookside Environmental	Client ID: LIRR Morris Park Yard (CONCDUST-1)
Date received: 03/01/00	Laboratory ID: 0011041
Date extracted: NA	Matrix: Soil
Date analyzed: 03/03/00	Contractor: 11418

Parameter	CAS No.	Results ug/kg
METHYLENE CHLORIDE	75-09-2	<5
TOLUENE	108-88-3	46



Laboratory Director

APPENDIX C

GROUNDWATER MONITORING RESULTS – FIRST QUARTER

TABLE 1

LONG ISLAND RAIL ROAD
MORRIS PARK REPAIR FACILITY
CONTAINER STORAGE AREA
GROUNDWATER SAMPLING RESULTS
VOLATILE ORGANIC COMPOUNDS

THE PERSON NAMED IN COLUMN 1	CMW-1	CMW-2	CMW-3	CMW-4	CMW-5	Contract Required
DILUTION FACTOR	10/28/99	10/28/99	10/28/99	10/28/99	10/28/99	Detection
UNITS	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L
Dichlorodifluoromethane	כ	NA	AN	כ	D	10
Chloromethane	כ	A'N	¥	>	>	10
Vinyl Chloride	כ	A N	A N	D)	10
Bromomethane	>	Y Y	Ą	>	>	9
Chloroethane	כ	¥.	¥.)	>	10
Trichlorofluoromethane)	AA	AN AN	>	>	10
1,1-Dichloroethene	ב	A'N	¥.	D	>	10
Acetone	>	A'N	A N	ח	>	10
lodomethane	>	NA AN	¥	ם	>	10
Carbon Disulfide)	A'A	A N	ח	>	10
Methylene Chloride	D	AN	AN	J	>	10
trans-1,2-Dichloroethene	כ	AA	A N	J	>	9
Methyl tert-butyl ether	D	A N	A N	>	>	10
1,1-Dichloroethane	⊃	AN	AN AN	⊃	>	10
Vinyl acetate)	A'N	A N	כ	5	10
cis-1,2-Dichloroethene	>	AN	A Z	D	>	10
2,2-Dichloropropane)	A N	A N	כ	>	10
2-Butanone	>	NA AA	AN	כ	>	10
Bromochloromethane	⊃	NA	A N	כ	_	10
Chloroform)	NA	A'N	>	>	10
1,1,1-Trichloroethane	⊃	AN	A'N)	>	10
1,1-Dichloropropene	⊃	NA A	NA AN	⊃	>	10
Carbon Tetrachloride	D	A'A	A N	>)	10
1,2-Dichloroethane	כ	AA	AN	⊃	>	10
Benzene	כ	A'N	A Z	>	>	10
Trichloroethene	⊃	NA AN	A N	>	>	10
1,2-Dichloropropane	⊃	A N	A'A	>	>	10
Dibromomethane	ח	A	AA	>	<u></u>	10
Bromodichloromethane	כ	N A	A N	כ	>	10
2-Chloroethyl vinyl ether	コ	¥ V	A'A	D	<u></u>	9
cis-1,3-Dichloropropene	כ	AN	A'N	⊃	כ	9
4-Methyl-2-pentanone)	A'N	AZ	>	<u></u>	01
Toluene	⊃	N A	A'A	>	>	10
trans-1,3-Dichloropropene	J	NA	NA	0	_	10
1,1,2-Trichloroethane	>	AN	ĄZ	2	=	10

TABLE 1 (continued)

LONG ISLAND RAIL ROAD
MORRIS PARK REPAIR FACILITY
CONTAINER STORAGE AREA
GROUNDWATER SAMPLING RESULTS
VOL ATHE OPERALIC COMPONING

DATE OF COLLECTION DILUTION FACTOR UNITS	CMW-1	CMW-2	CMW-3	CMW-4	CMW-5	Contract Required
DILUTION FACTOR UNITS	10/28/99	10/28/99	10/28/99	10/28/99	10/28/99	Detection
SLIND	1.0	1.0	1.0	1.0	1.0	Limits
	ng/L	ng/L	ng/L	ng/L	ng/L	ng/L
1,3-Dichloropropane	ס	A N	Z Z	ם	5	10
Tetrachloroethene	١ -	9	o	80	4	10
2-Hexanone	<u></u>	AN AN	Ä	>)	10
Dibromochloromethane	כ	NA	A N	>	כ	10
1,2-Dibromoethane	ے ح	A'N	A N	2	ח	10
Chlorobenzene	D	AN	AN	⊃	ם	10
1,1,1,2-Tetrachloroethane	<u></u>	AN	NA	כ	>	10
Ethylbenzene	>	AN	AA	>	>	10
Styrene)	AN	NA	>	>	10
Xylene (total)	>	A'N	AA	>	⊃	10
Bromoform	>	AN	NA	>	כ	10
Isopropylbenzene	>	NA	NA	כ	כ	10
1,1,2,2-Tetrachloroethane	>	AN	NA A	>	כ	10
Bromobenzene	>	NA	AA	>	כ	10
1,2,3-Trichloropropane	>	AA	NA	_	כ	10
n-Propylbenzene	>	AN	A'A	כ	כ	10
2-Chlorotoluene	>	NA	AN	>	>	10
1,3,5-Trimethylbenzene	>	AN	N A	⊃	ח	10
4-Chlorotoluene)	AN	NA	ם	ם	10
tert-Butylbenzene	>	NA	A A	D	D	10
1,2,4-Trimethylbenzene	>	AN	NA	>	⊃	10
sec-Butylbenzene	>	AN	NA A	>	כ	10
1,3-Dichlorobenzene	>	AN	AN N	כ	⊃	10
4-Isopropyitoluene	>	AN	A N	כ	>	10
1,4-Dichlorobenzene	_	NA	NA	כ	_	10
n-Butylbenzene	>	NA	NA	כ	כ	5
1,2-Dichlorobenzene	>	NA	NA	>	>	10
1,2-Dibromo-3-chloropropane	>	AN	NA	>	ם	10
1,2,4-Trichlorobenzene	>	Ą	AA	2 JB	D	10
Hexachlorobutadiene)	AN	NA A	1.18	>	10
Naphthalene	>	AN AN	NA	2 JB	5	10
1,2,3-Trichlorobenzene	>	AN AN	NA	2 JB	_	10

OUALIFIERS:
U. Constituent analyzed for but not detected.
U. Constituent concentration is less than the CRDL, but greater than the IDL.
J. Compound found at a concentration below the detection limit.

NOTES: NA: Not analyzed.

TABLE 2
LONG ISLAND RAIL ROAD
MORRIS PARK REPAIR FACILITY
CONTAINER STORAGE AREA
GROUNDWATER SAMPLING RESULTS
SEMIYOLATILE ORGANIC COMPOUNDS

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR UNITS	CMW-1 10/28/99 1.0 ug/L	CMW-4 10/28/99 1.0 ug/L	CMW-5 10/28/99 1.0 ug/L	Contract Required Defection Limits ug/L
Phenol	כ	כ	D	10
bis(2-Chloroethyl)ether	כ	כ	כ	9
2-Chlorophenol	>	כ	ס	10
1,3-Dichlorobenzene	⊃:	י כ	י כ	9
1,4-Dichlorobenzene	> =) =	> =	9 \$
2-Methylphenol) ⊃) ⊃))	5 6
2,2'-oxybis (1-Chloropropane)	0)	0	9
4-Methylphenol	>	כ	ס	10
N-Nitroso-di-n-propylamine	2	כ	כ	9
Hexachloroethane	> :	⊃:	> :	9
Introbenzene	> :	> :	> :	9 9
2-Nitrophenol) <u>=</u>) <u>=</u>	o =	2 Ç
2,4-Dimethylphenol) >) ⊃	> =	2 0
2,4-Dichlorophenol	כ	כ	ח	10
1,2,4-Trichlorobenzene	>	כ	ס	10
Naphthalene	כ	כ)	10
4-Chloroaniline)	כ	⊃	10
bis(2-Chloroethoxy)methane	כ	D	כ	10
Hexachlorobutadiene	ɔ :	D	D	9
4-Chloro-3-methylphenol	> :)	⊃:	10
Z-Metnyinaphthalene	> :	> :	⊃ :	9
Hexachlorocyclopentadiene	> :)	⊃ :	9
2,4,5-1 richiorophenol	>	>	.	10
2,4,5-Trichlorophenol	>	>	>	25
2-Chloronaphthalene	>	>	>	10
2-Nitroaniline	כ	ח	>	25
Dimethylphthalate	5)	5	10
Acenaphthylene	כ))	10
2,6-Dinitrotoluene	>)	5	10
3-Nitroaniline	> :	D :	> :	25
Acertaprinierio	0	0	כ	10

TABLE 2 (continued)
LONG ISLAND RAIL ROAD
MORRIS PARK REPAIR FACILITY
CONTAINER STORAGE AREA
GROUNDWATER SAMPLING RESULTS
SEMIYOLATILE ORGANIC COMPOUNDS

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR UNITS	CMW-1 10/28/99 1.0 ug/L	CMW-4 10/28/99 1.0 ug/L	CMW-5 10/28/99 1.0 ug/L	Contract Required Detection Limits ug/L
2,4-Dinitrophenol	כ	ס	ח	25
4-Nitrophenol	ם	ס	ס	25
Dibenzofuran	>	כ	כ	10
2,4-Dinitrotoluene	>	כ	>	10
Diethylphthalate	> :	> :	ɔ :	10
4-Chlorengi-phenyletner Fluorene	> =	>=	> =	5 6
4-Nitroaniline) ⊃))) ⊃	25
4,6-Dinitro-2-methylphenol	>	_	· >	25
N-Nitrosodiphenylamine	>	_	>	10
4-Bromophenyl-phenylether	>)	n	10
Hexachlorobenzene	D	ס	⊃	10
Pentachlorophenol	>	ח	⊃	25
Phenanthrene	>	>	J	10
Anthracene	>	ח	<u></u>	10
Carbazole	>	¬	>	10
Di-n-butylphthalate	>	>	¬	10
Fluoranthene	>	D	>	10
Pyrene	>	>	ם	10
Butylbenzylphthalate	>	ם כ	>	10
3,3'-Dichlorobenzidine	> :	> :)	10
Denzo(a)antinacene	> :	> :	> :	0¢ ;
his/2 Ethylhocy/Johtholato	o =	> :	o :	2 (
Di-n-octylohthalate	o =	o =	> =	2 5
Benzo(b)fluoranthene	> =	=	> =	5 6
Benzo(k)fluoranthene))))) 그	10
Benzo(a)pyrene	>)	_	10
Indeno(1,2,3-cd)pyrene	>	_	>	10
Dibenz(a,h)anthracene	>	_)	10
Benzo(g,h,i)perylene	n	O	U	10

QUALIFIERS: U: Constituent analyzed for but not detected.

CONTAINER STORAGE AREA GROUNDWATER SAMPLING RESULTS MORRIS PARK REPAIR FACILITY LONG ISLAND RAIL ROAD TABLE 3 METALS

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR UNITS	CMW-1	CMW-4	CMW-5	Instrument
	10/28/99	10/28/99	10/28/99	Detection
	1.0	1.0	1.0	Limits
	ug/L	ug/L	ug/L	ug/L
Antimony	4.4 B	U	U	1.4
Beryllium	U	U	U	
Lead	14.1	14.6	10.0	

QUALIFIERS:

U: Constituent analyzed for but not detected.

B: Constituent concentration is less than the CRDL, but greater than the IDL.

TABLE 4

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR UNITS Dichlorodifluoromethane Chloromethane Vinyl Chloride Bromomethane Chloroethane Trichlorofluoromethane 1,1-Dichloroethene Acctione	PMW-4 10/29/99 1.0 U U U U U U U U U U U U U U U U U U U	PMW-5 10/29/99 1.0 U U U 220 D U	PMW-6 10/29/99 1.0 U U U U U U	PMW-7 10/29/99 1.0 U U U U U	Contract Required Detection Limits ug/L 10 10 10 10 10 10 10
Methylene Chloride trans-1,2-Dichloroethene Methyl tert-buty ether 1,1-Dichloroethene Chloride trans-1,2-Dichloroethene Chloride dis-1,2-Dichloroethene Chloroform 1,1,1-Trichloroethene Chloroform 1,1,1-Trichloroethene Chloroform 1,2-Dichloropropene Carbon Tetrachloride 1,2-Dichloropropene Carbon Tetrachloride 1,2-Dichloropropene Enzene Trichloroethene 1,2-Dichloropropene Chloroethyl vinyl ether cis-1,3-Dichloropropene 2-Chloroethyl vinyl ether cis-1,3-Dichloropropene 1-3-Dichloropropene Tolloene Tolloe	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		ω σοσοσοσος σοσοσοσοσοσοσοσοσοσοσοσοσοσοσο	N CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	5656666666666666666666

TABLE 4 (continued)

LONG ISLAND RAIL ROAD
MORRIS PARK REPAIR FACILITY
PAINT STRIPPING OPERATION
GROUNDWATER SAMPLING RESULTS
VOLATILE ORGANIC COMPOUNDS

Contract Required Detection Limits ug/L	5555555555555555555555555555555555
PMW-7 10/29/99 1.0 ug/L	¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬¬
PMW-6 10/29/99 1.0 ug/L	
PMW-5 PMW-6 10/29/99 1.0 ug/L ug/L	D DDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDDD
PMW-4 10/29/99 1.0 ug/L	4 2-22222222222222222222222222222222222
SAMPLE ID DATE OF COLLECTION DILUTION FACTOR UNITS	1,3-Dichloropropane Tetrachloroethene 2-Hexanone Dibromochloromethane 1,2-Dibromoethane Chlorobenzene Chlorobenzene Ethylbenzene Styrene Styrene 1,1,1,2-Tetrachloroethane Bromoform Isopropylbenzene 1,1,2,2-Tetrachloroethane Bromobenzene 1,2,3-Trichloropropane 1,2,3-Trichloropropane 1,3,5-Trimethylbenzene 2-Chlorotoluene 1,3,5-Trimethylbenzene 2-Chlorotoluene 1,3,5-Trimethylbenzene 1,3-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Trichlorobenzene 1,2-Trichlorobenzene 1,2-Trichlorobenzene 1,2-Trichlorobenzene 1,2-Trichlorobenzene 1,2-Trichlorobenzene 1,2-Trichlorobenzene 1,2,3-Trichlorobenzene Naphthalene Naphthalene 1,2,3-Trichlorobenzene

- OUALIFIERS:
 U: Constituent analyzed for but not detected.
 J: Compound found at a concentration below the detection limit.
 D: Sample analyzed at a dilution of 5.0.

GROUNDWATER SAMPLING RESULTS METALS PAINT STRIPPING OPERATION AREA MORRIS PARK REPAIR FACILITY **LONG ISLAND RAIL ROAD** TABLE 5

SAMPLE ID	PMW-4	PMW-5	PMW-6	PMW-7	Instrument	
DATE OF COLLECTION DILUTION FACTOR	10/29/99	10/29/99	10/29/99	10/29/99	Detection	-
UNITS	ng/L	ng/L	ng/L	ng/L	ng/L	100
						_
Arsenic	ח	ח	ח	>	3.0	-
Beryllium	0.28 B	5	>	כ	0.7	-
Cadmium	1.1 B	1.3 B	1.4 B	1.6 B	0.3	-
Chromium	50.9	58.9	34.3	1.4 B	9.0	
Lead	10.9	15.9	16.6	12.6	1.2	-
						1

QUALIFIERS:

- U: Constituent analyzed for but not detected.
- B: Constituent concentration is less than the CRDL, but greater than the IDL.

APPENDIX D

GROUNDWATER MONITORING RESULTS – SECOND QUARTER

TABLE 1

LONG ISLAND RAIL ROAD
MORRIS PARK REPAIR FACILITY
CONTAINER STORAGE AREA
GROUNDWATER SAMPLING RESULTS
VOLATILE ORGANIC COMPOUNDS

SAMPLE ID	CMW-1	CMW-2	CMW-3	CMW-4	CMW-5	Contract Required
DATE OF COLLECTION	4/28/00	4/26/00	4/26/00	4/27/00	4/27/00	Detection
DILUTION FACTOR UNITS	1 ug/L	1 ug/L	1 ug/L	1 ug/L	1 ug/L	Limits ug/L
Chloromethane	=	d Z	d Z	=	=	10
Bromomethane) ⊃	Ą.	Y X) ⊃))	10
Vinyl Chloride))	AN	AN	כי))	10
Chloroethane)	Ą	A))	10
Methylene Chloride	כ	A N	AN	כ	כ	10
Acetone	כ	Ā	NA	כ	כ	10
Carbon Disulfide	כ	ĄN	A'N	כ	כ	10
1,1-Dichloroethene	כ	AN	NA	⊃	כ	10
1,1-Dichloroethane	>	AN	NA	>	⊃	10
1,2-Dichloroethene (Total)	>	AN	AA	>	>	10
Chloroform	>	AN	NA	<u></u>	D	10
1,2-Dichloroethane	>	AN	NA	>	>	9
2-Butanone	>	AN	AA	>	D	10
1,1,1-Trichloroethane	>	AN	NA	>	>	10
Carbon Tetrachloride	>	AN	NA	כ	>	10
Bromodichloromethane	>	NA	NA	D	D	10
1,2-Dichloropropane	>	A'N	NA	>	⊃	10
cis-1,3-Dichloropropene	>	A'N	AN	>	⊃	10
Trichloroethene	⊃	ĄZ	AA	>	⊃	10
Dibromochloromethane	>	A N	NA	>	⊃	10
1,1,2-Trichloroethane	>	AN	NA	>	⊃	10
Benzene	⊃	Y Y	NA	>	>	10
trans-1,3-Dichloropropene	>	AN	NA	>)	10
Bromoform	>	A A	NA	>	כ	10
4-Methyl-2-pentanone	>	NA	NA	>	כ	10
2-Hexanone	>	AN	AN	>	כ	10
Tetrachloroethene	7-	5	r 6	8	2 J	10
1,1,2,2-Tetrachloroethane	⊃	A'N	AN	>	ב	10
Toluene	>	Y X	¥	>	כ	10
Chlorobenzene	>	AZ.	AN	>	>	10
Ethylbenzene)	AN	ĀN	>	>	10
Styrene	⊃	AA	Ā	>	>	10
Xylene (total)	⊃	AN	AN	כ	>	10
						10

Notes:
U: Constituent analyzed for but not detected.
J: Compound found at a concentration below the detection limit.

TABLE 2
LONG ISLAND RAIL ROAD
MORRIS PARK REPAIR FACILITY
CONTAINER STORAGE AREA
GROUNDWATER SAMPLING RESULTS
SEMIVOLATILE ORGANIC COMPOUNDS

Ci Li Gravo	A VALUE A	Canalar A	OMIN'E	berjamen dender
DATE OF COLLECTION DILITION FACTOR	04/28/00	4/27/00	4/27/00	Detection Limits
UNITS	, ng/L	ug/L	ng/L	ng/L
Phenol	D	D	Þ	10
bis(2-Chloroethyl)ether	>	ם	D	10
2-Chlorophenol	כ	כ	⊃	10
1,3-Dichlorobenzene)	コ	>	10
1,4-Dichlorobenzene	כ	ח	>	10
1,2-Dichlorobenzene	>	ב	D	10
2-Methylphenol	>	>	>	0
2,2'-oxybis (1-Chloropropane)	>	⊃	J	10
4-Methylphenol	>))	10
N-Nitroso-di-n-propylamine	>	n	כ	5
Hexachloroethane	>	כ	⊃	10
Nitrobenzene	>	ח	>	10
Isophorone	>	⊃	⊃	9
2-Nitrophenol	>	>	⊃	9
2,4-Dimethylphenol)	>	⊃	9
2,4-Dichlorophenol	¬	>	⊃	- 10
1,2,4-Trichlorobenzene	>	⊃	J	10
Naphthalene	>	D	כ	10
4-Chloroaniline	ח	ח	J	10
bis(2-Chloroethoxy)methane)	>	כ	10
Hexachlorobutadiene	>	<u>ה</u>	Þ	10
4-Chloro-3-methylphenol	>	>	>	10
2-Methylnaphthalene	ח	⊃	⊃	10
Hexachlorocyclopentadiene	>	>	כ	10
2,4,6-Trichlorophenol	>	>	J	10
2,4,5-Trichlorophenol	>	>	>	25
2-Chloronaphthalene	>	>	כ	10
2-Nitroaniline	D	>	>	25
Dimethylphthalate	D	>	⊃	10
Acenaphthylene	D	כ	כ	10
2,6-Dinitrotoluene	D	>)	10
3-Nitroaniline	כ	>	כ	25
Acenaphthene	0	n	ח	10

CONTAINER STORAGE AREA GROUNDWATER SAMPLING RESULTS SEMIVOLATILE ORGANIC COMPOUNDS TABLE 2 (continued)
LONG ISLAND RAIL ROAD
MORRIS PARK REPAIR FACILITY

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR UNITS	CMW-1 4/28/00 1 ug/L	CMW-4 4/27/00 1 ug/L	CMW-5 4/27/00 1 ug/L	Contract Required Detection Limits ug/L
2,4-Dinitrophenol	ח	ס	ם	25
4-Nitrophenol	כ	ר	כ	25
Dibenzofuran	>	>)	10
2,4-Dinitrotoluene	D	>	J	10
Diethylphthalate	¬	>	>	10
4-Chlorophenyl-phenylether	ɔ :	> :	> :	0 0
riuorene 4-Nitroapiline	o =) =	o =	5 5
4.6-Dinitro-2-methylphenol) ⊃))) ⊃	25
N-Nitrosodiphenylamine	כ	0	ח	10
4-Bromophenyl-phenylether	>	כ)	10
Hexachlorobenzene	⊃	>	⊃	10
Pentachlorophenol	ס	כ	D	52
Phenanthrene	D	ם	>	10
Anthracene	>	>	>	10
Carbazole	>	>	>	10
Di-n-butylphthalate	> :	> :	ɔ :	0 ;
Fluoranthene	> :	> :)	10
Pyrene	> :	>	D :	10
Butylbenzylphthalate	> :	> :)	9:
3,3-Dichlorobenzidine) :	> :) :	100
Denzo(a)animacene	o :	o :	o :	2 (
Cillyserie	o :	> :		2 ;
ois(z-Ethyinexyi)phthalate	> :	5 :	າ :	2 ;
Ul-n-octylphthalate	> :	> :	> :	0.5
Benzo(b)fluoranthene	>	5	D	0
Benzo(k)fluoranthene	D	>	J	10
Benzo(a)pyrene	>	>	J	10
Indeno(1,2,3-cd)pyrene	כ	D	D	0
Dibenz(a,h)anthracene	> :	> :	ɔ :	Ç :
benzo(g,n,i)perylene	0	0	0	10

QUALIFIERS:
U. Constituent analyzed for but not detected.
J. Compound found at a concentration below the detection limit.

Page 2 of 2

LONG ISLAND RAIL ROAD
MORRIS PARK REPAIR FACILITY
CONTAINER STORAGE AREA
GROUNDWATER SAMPLING RESULTS
METALS

Aluminum	04/28/2000 04/28/2000 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	CMW4 4/27/00 1 Unfiltered ug/L	CMW-4 4/27/00 1 Filtered ug/L	CMW-5 4/27/00 1 Unfiltered ug/L	CMW-5 4/27/00 1 Filtered ug/L	Instrument Detection Limits ug/L
	D	4,530	3,980	936	1,060	12.0
Antimony	_	<u> </u>	ח	D	כ	5.0
Arsenic	>	D	¬	>	>	4.0
Barium 12.2 B	11.5 B	83.4 B	80.3 B	69.4 B	74 B	0.5
Beryllium U	>	ס	>	>	>	0.2
Cadmium	<u> </u>	0.41 B	0.61 B	0.44 B	0.3 B	0.2
Calcium 13,800	13,200	21,100	20,100	46,000	48,600	298.0
Chromium 2.5 B	2.4 B	12.1	1	357	258	0.4
Cobalt	>	7.3 B	6.4 B	4.5 B	4.3 B	9.0
Copper	⊃ —	7.7 B	7.5 B	6.1 B	6 B	0.5
Iron 55.7 B	39.1 B	2,000	4,370	3,910	3,740	3.0
	<u></u>	3.6	3.8	9.7	9.8	3.0
Magnesium 5,550	5,350	8,550	8,150	17,200	18,700	0.9
Manganese 4.3 B	4.1 B	241	209	929	269	0.8
Mercury	>	>	>	>	2	0.1
Nickel 1.3 B	1.7 B	27.4 B	25.5 B	239	244	9.0
Potassium 969 B	808 B	20,000	18,900	11,200	12,000	135.0
Selenium)	5.2	>	>)	2.0
	>	⊃	ח	כ -	D	3.0
Sodium 4,140 B	3,950 B	17,300	16,600	14,600	16,000	134.0
Thallium	>	>	ם	ם	>	0.9
Vanadium 0.64 B	>	6.9 B	6.0 B	2.7 B	2.9 B	0.5
Zinc 2.0 B	1.9 B	109	103	8.8 B	7.9 B	6.0

QUALIFIERS:
U: Constituent analyzed for but not detected.
B: Constituent concentration is less than the CRDL, but greater than the IDL.

TABLE 4

LONG ISLAND RAIL ROAD
MORRIS PARK REPAIR FACILITY
PAINT STRIPPING OPERATION AREA
GROUNDWATER SAMPLING RESULTS
VOLATILE ORGANIC COMPOUNDS

Contract Required Detection Limits ug/L	555555555555555555555555555555555555555
PMW-7 4/27/00 1	» - - - - - - - - - - - - - - - - - - -
PMW-6 4/28/00 1 ug/L	
PMW-5 4/29/00 1	5 22222222222222222 22222
PMW-4 4/28/00 1 ug/L	22222222222222222222222222222222222222
SAMPLE ID DATE OF COLLECTION DILUTION FACTOR UNITS	Chloromethane Bromomethane Chlorode Chlorochane Chlorochane Carbon Disulfide 1,1-Dichlorochane 1,2-Dichlorochane 1,2-Dichlorochane 2-Butanone 1,2-Dichlorochane 1,2-Dichlorochane 2-Butanone 1,2-Dichlorochane 1,2-Dichlorochane 1,2-Dichlorochane 2-Butanone 1,1,1-Trichlorochane 1,2-Dichloropropene Trichlorochane Bromodichloromethane 1,1-Dichloropropene Trichlorochane Bromodichloromethane 1,1,2-Trichlorochane Berzene 1,1,2-Trichlorochane Berzene 1,1,2-Trichlorochane Bromoform 4-Methyl-2-pentanone 2-lexanone Tetrachlorochane Bromoform 6-1,1,2-Trichlorochane Chlorobenzene Chlorobenzene Ethylbenzene Styrene Xylene (total)

- QUALIFIERS: U: Constituent analyzed for but not detected. J: Compound found at a concentration below the detection limit.

TABLE 5
LONG ISLAND RAIL ROAD
MORRIS PARK REPAIR FACILITY
PAINT STRIPPING OPERATION AREA
GROUNDWATER SAMPLING RESULTS
SEMIVOLATILE ORGANIC COMPOUNDS

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR UNITS	PMW-4 04/28/00 1 ug/L	PMW-5 4/27/00 1	PMW-6 4/27/00 1 ug/L	PMW-7 4/27/00 1 ug/L	Contract Required Detection Limits ug/L
Phenol bis(2-Chloroethyl)ether 2-Chlorophenol 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 2-Methylphenol 2,2'-oxybis (1-Chloropropane) 4-Methylphenol N-Nitroso-di-n-propylamine Hexachloroethane Nitrobenzene Isophorone 2-Nitrophenol 2,4-Dimethylphenol 2,4-Dichlorophenol 1,2,4-Trichlorobenzene Naphthalene 4-Chloro-aniline bis(2-Chloroethoxy)methane Hexachlorobutadiene 4-Chloro-3-methylphenol 2-Methylnaphthalene Hexachlorocyclopentadiene 2-Methylnaphthalene 2-Methylnaphthalene 2-Methylnaphthalene 2,4,5-Trichlorophenol 2-Chloronaphthalene 2,4,5-Trichlorophenol 2-Chloronaphthalene 2,5-Dimitrotoluene 2,5-Dimitrotoluene 3-Nitroaniline 2,6-Dimitrotoluene 3-Nitroaniline		>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	222222222222222222222222222222222222222	>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>	000000000000000000000000000000000000000
Acenaphthene) ⊃) ⊃) ⊃))	2 0

TABLE 5 (continued)
LONG ISLAND RAIL ROAD
MORRIS PARK REPAIR FACILITY
PAINT STRIPPING OPERATION AREA
GROUNDWATER SAMPLING RESULTS
SEMIVOLATILE ORGANIC COMPOUNDS

SAMPLE ID DATE OF COLLECTION DILUTION FACTOR UNITS	PMW-4 4/28/00 1 ug/L	PMW-5 4/27/00 1 ug/L	PMW-6 4/27/00 1 ug/L	PMW-7 4/27/00 1 ug/L	Contract Required Detection Limits ug/L
2 A-Dinitronhenol	=	=	Ξ	=	75
4-Nitrophenol) =	> =	o =	> =	25
Dibenzofuran) ⊃) ⊃))) ⊃	9 2
2,4-Dinitrotoluene))) ⊃))	10
Diethylphthalate	כ	>	D	J	10
4-Chlorophenyl-phenylether	כ	כ	D	ס	10
Fluorene	כ	⊃	כ	>	10
4-Nitroaniline)	⊃	>	>	25
4,6-Dinitro-2-methylphenol)	>	>)	25
N-Nitrosodiphenylamine	J	>	>	>	9
4-Bromophenyl-phenylether	>	כ	>	>	10
Hexachlorobenzene	>)	>)	9
Pentachlorophenol	⊃	כ	>	Þ	25
Phenanthrene	>	כ	⊃	>	10
Anthracene	>	D)	>	9
Carbazole	>	כ	>	>	9
Di-n-butylphthalate	>	כ)	כ	9
Fluoranthene	>	כ)	>	9
Pyrene)	D	⊃	>	9
Butylbenzylphthalate	>	>	⊃	D	9
3,3'-Dichlorobenzidine	>	>	>	>	9
Benzo(a)anthracene	>	>	>	>	10
Chrysene	>	>	>	>	10
bis(2-Ethylhexyl)phthalate	>	>	2 7	>	10
Di-n-octylphthalate	⊃	>	D	J	9
Benzo(b)fluoranthene	>	>	>	כ	5
Benzo(k)fluoranthene)	D	D	כ	9
Benzo(a)pyrene	Þ	>	_	>	0
Indeno(1,2,3-cd)pyrene	D	>	>	>	9
Dibenz(a,h)anthracene	>	⊃	>	>	9
Benzo(g,h,i)perylene	n	n	n	n	10

QUALIFIERS:
U: Constituent analyzed for but not detected.
J: Compound found at a concentration below the detection limit.

Page 2 of 2

PAINT STRIPPING OPERATION AREA GROUNDWATER SAMPLING RESULTS METALS LONG ISLAND RAIL ROAD MORRIS PARK REPAIR FACILITY

DATE OF COLLECTION 4/28/00 DILUTION FACTOR UNFIL TERED/FIL TERED UNITS Aluminum 146 B Antimony 0 Arsenic 0 Barium 9.0 B Beryllium 0	oc Led	4/28/00			
FACTOR (ED/FILTERED (pe	0001	4/28/00	4/28/00	Detection
(ED/FILTERED	pa	-	-	-	Limits
		Filtered	Unfiltered	Filtered	
		ng/L	ng/L	ng/L	ng/L
	_				
	0	129 B	64.3 B	43.3 B	12.0
	_	⊃	>	>	2.0
2.75		ח	D	>	4.0
Beryllium U	В	8.5 B	25 B	25.4 B	0.5
	_	J	>	<u></u>	0.2
Cadmium		כ	>	>	0.2
Calcium 6,360		6,580	19,800	20,300	298.0
Chromium 41.8		34.2	15.7	14.6	0.4
	n	>	1.1 B	>	9.0
	8	1.8 B	1.2 B	0.95 B	0.5
		287	140	91.4 B	3.0
	-	8.0	⊃	>	3.0
Magnesium 2,490 B	8	2,500 B	8,800	8,920	0.9
Manganese 9.7 B	В	7.6 B	25	25.9	8.0
Mercury		>	¬	כ	0.1
	8	25.3 B	16.3 B	16.4 B	9.0
Potassium 708 B	8	650 B	1,220 B	1,250 B	135.0
Selenium		⊃	_	D.	2.0
Silver		⊃	>	ח	3.0
Sodium 35,500		36,000	69,500	009'02	134.0
Thallium		⊃	כ	ח	0.9
Vanadium 1.3 B	В	1.4 B	0.77 B	0.84 B	0.5
Zinc 4.8 B	В	3.3 B	2.7 B	3.6 B	6.0

QUALIFIERS:
U: Constituent analyzed for but not detected.
B: Constituent concentration is less than the CRDL, but greater than the IDL.

Page 1 of 2

PAINT STRIPPING OPERATION AREA GROUNDWATER SAMPLING RESULTS METALS MORRIS PARK REPAIR FACILITY TABLE 6 (continued)
LONG ISLAND RAIL ROAD

SAMPLE ID DATE OF COLLECTION DITTION EACTOR	PMW-6 4/28/00	PMW-6 4/28/00	PMW-7 4/27/00	PMW-7 4/27/00	Instrument Detection
UNITS	Unfiltered ug/L	Filtered ug/L	Unfiltered ug/L	Filtered ug/L	ng/L
Aluminum	17.0 B	16.9 B	138 B	104 B	12.0
Antimony	5.1 B	5.7 B	כ	>	5.0
Arsenic	D	>	ס	>	4.0
Barium	113 B	120 B	64.7 B	64.3 B	0.5
Beryllium	>	>	_	>	0.2
Cadmium	0.25 B	0.46 B	0.41 B	0.28 B	0.2
Calcium	19,100	20,400	26,000	26,000	298.0
Chromium	3.4 B	3.5 B	58.9	29.8	0.4
Cobalt	10.2 B	10.4 B	1 8	0.65 B	9.0
Copper	0.92 B	0.78 B	28	3.0 B	0.5
Iron	1,880	1,580	629	4.77	3.0
Lead	D	כ	>	3.3	3.0
Magnesium	8,780	9,360	5,200	5,240	0.9
Manganese	4,430	4,760	12.5 B	11 8	8.0
Mercury	J)	>	_	0.1
Nickel	38.1 B	40.9	32.6 B	33.4 B	9.0
Potassium	8,690	9,350	4,800 B	4,860 B	135.0
Selenium	כ	>	>	D	2.0
Silver	3.9 B	D	¬	ס	3.0
Sodium	5,750	6,130	6,910	6,930	134.0
Thallium	⊃	>	>	>	0.9
Vanadium)	>	0.7 B	>	0.5
Zinc	7.1 B	5.4 B	5.1 B	5.6 B	6.0

QUALIFIERS: U: Constituent analyzed for but not detected.

B: Constituent concentration is less than the CRDL, but greater than the IDL.

Long Island Rail Road Morris Park RCRA Closure

Nonhazardous Waste Manifests: Leaching Pool Soil Sediment Removal

P.O. Box 278

Somerville, NJ 08876

Phone: (732) 424-8441

MXI Maumee Express, Inc

17600 Jeb Stuart Hgwy

Phone: (540) 628-1156

Abinggion, VA 24211

14750 Boyle Ave. Fontana, CA 92337

Phone: (909) 350-9090

MXI EPA ID NO .: NJD986607380

MANIFEST

6834

Fax:	(732) 424-8446	Fc Fc	ox: 🧧 (540) 628-	4435	F	ax:	(909) 350-9287		7004	
GENERATOR NAME / AD	DRESS	PH	ONE				GENERATOR E	PAID NO.:	1 1	
-IRR	1 -	/ / /	DE4 60DE)							
Hillaide -	Tac		REA CODE) ACTOR	TRAI	ILER		APPOINTMEN	T TIME	W W	
Jamaica	NY							•		11.
MXI REP. LOADING (PRIN	(T) PRO	OCEDURE	BOX SP	OTTED B	OX REN	MOVED	TIME AT GENER	RATOR (M	LITARY TIME	ONLY
P71 1.1	1	JOEDO!!E		1	1014		See Show			
MAWKI	75 b	71.1	As A	0	XUI.)	ARRIVAL TIME		TURE TIN	AE ,
SMMENTS OR DELAYS	AT GENERATOR	D	12 11/11	ons	ire		EQUIPMENT U	SED	5 %	
16-2/11/21-	11/01/1	3 Par	KIVY	11/23	11/	211	123-111	2		
ROKER:		120	fire 1	40		NUCC	TNO			1000 1000 1000
PO. NO#:	13/41			SIAII	E MA	NIFE	ST NO.:	17.		
K) PROPER U.S.	SHIPPING NAME	U.S. D.O.T.	NA/UN/NO.	PACKING	NO.	CONT.	NET	UNIT	WASTE	FORM
HM III I	tolermi	HAZARDOUS C	LASS //	GROUP	CONT.	TYPE	QUANTITY	MEASURE		
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1111111111	E 31/30/1/3	1		17/	<u> </u>			/		
2										
3										
		LITABLES EVEN			 	1 1		55.44.464.5	050 11071	
MANIFESTED).	II T	iency #	t (232) L	124-5	744	ANUN-H	IAZAHDOUS NATUI	HE WHICH D	OES NOT F	IAVE IO
GENERATOR'S CERTIFICATION	ON: This is to certify that	the above named	d materials are proper	ly classified, d	escribed,	packaged	i, marked and label	ed and are in	proper con	dition for
ransportation according to the a	applicable regulations of the osal Facility can and will a	he Deparment of T accept the shipme	Fransportation, U.S. Ef nt of hazardous waste,	A and the State and has a valid	e. The wa d permit to	istes desc o do so. I	ribed above were co certify that the foreg	nsigned to the going is true a	e Transporte nd correct to	r named. the best
: ny knowledge.										
Payment to the contractor/broken engled rate offered to the contractor.		s not constitute pa	lyment to the carrier at	nd if the contra	ctor/broke	er does no	ot pay the carrier, the	e generator is	obligated to	pay the
EASE PRINT NAME / T	ITLE		NERATOR'S SIGN	TURE				DATE LO	DED	00
Joe Bue	In for L. S.	30 X	I HAVE READ THE ABOVE	AND CO CERTSTAN	NO AND AG	HEE TO ALL	OF ITS CONTENT.	MO.	DAY	VP
OF NAME / ADDRESS,	10 100		11	2			TSDF EPA ID NO		DAI CONT	Actions:
connecticut	Waste Oil		203(-)	32-8	889			.		
750 Old (0	lony Ka.	(ARI	EA CODE) CTOR	TRAIL	FR		APPOINTMENT	ETIME		24.0
DENAME / ADDRESS, Connecticut DEN Old CO Nalling Ford	CT.	1160		TTONE			AFFOREIGNE	: TIWIE		
I REP. UNLOADING (PR	1 (16	CEDURE	I hav and		n	0)450				-
THEP. UNLOADING (PH	IINI) PRO	CEDURE	BOX SPO	HED BC	OX REM	OVED	TIME AT TSDF	(MILITAF	Y TIME ONL	η
							ARRIVAL TIME	DEPAR	TURE TIM	E)
COMMENTS OR DELAYS A	AT TSDF						EQUIPMENT US	ED		
						1				
PLEASE PRINT NAME / TI	TLE		F SIGNATURE	. 0				DATE UNL	83 - L8S	80
		X		165 A	1885	20	[MY /6	YB.
L HODOGOGO CO	L- NJD986607380	MD- HWH 5		50059			PWO389242-OH		986607380	
H-778 IL	A- NJD986607380 - 3401	MA- NJD986 MI- NJD986	607380 NM-	SW-18582 NJD9866073	380	OK- 37 PA- AH			986607380 986607380	
_ NJD986607380 IN	N- NJD986607380 S- NJD986607380	MN- UPWO: MS- NJD986		JA-334 JPWO38924	2-OH	RI- 702 SC- NJ	D986607380	VA- NJD9	86607380 O389242-	1
:T- HW-613 K	E- NJD986607380 A- NJD986607380	M0- H-2083 NH- TNH-02	NC-	NJD9866073		TX- 418		WI- 1614		J.,

HW-409



NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV.

If waste is NOT asbestos waste, complete only Sections I, II and III.

Section I GE	TENATON (Genera	tor completes all of Section I)	en e	E 10 10 10 10 10 10 10 10 10 10 10 10 10
a. Generator Name CT Waste Oil, Inc.		b. Generating Location: Same		* 3
1050 0) 1 0 1 0 4		d. Address:		
Wallingford, CT 06492		-		
Phone No.:		f. Phone No.:		
If owner of the generating facility differs from the ge	nerator, provide:	i. County Service Code: -		
	1	BFI Waste Code	Qty. (%/#)	Shinned In:
Description of Waste Oily debris/ink/latex	CT1167/	98011/254763	100	Shipped In:
1. Olly doblis/lacex	0111017	30011/234.03		Rolloff
2.			W. Sara	Fiber Drum
3.				Truck
4.				TIUCK
5.				Other
Generator's certification; I hereby certify that the above name	ned material is not a had	zardous waste as defined by 40 CFR part 20	61 or any applicable	Truck
state law, has been properly described, classified and pack AND, if the waste is a treatment residue of a previously rest	aged, and is in proper (ricted hazardous waste	condition for transportation according to apparent to the Land Disposal Restrictions.	l certify and warrant	Weight 17 1
that the waste has been treated in accordance with the req no longer a hazardous waste as defined by 40 CFR Part 26	uirements of 40 CFR P	art 268 and is		(Tons)
no longer a hazardous waste as defined by 40 CFR Part 26	31.	2 1		
J. Peruti Generator Authorized Agent Name	Signature		Shipment Date	
				2950
Section II	ANSPORTER (Ge	nerator completes a-d: Transporter I com	oleted e-g; Transp	orter II completed h-n)
TRANSPORTERI			SPORTER II	
Name: Maumee Express, Inc.		h. Name:		
D. Address: P.O. Box 278		i. Address:		
Somerville, NJ 08876		<u> </u>		
Driver Name/Title: PrintType:	v	j. Driver Name/Title: Print Type:	*	
I. Phone No.: 732-424-8441 e. True	ck No.: 3/45	k, Phone No.:		I. Truck No.:
Vehicle License No./State: Factor 1		m. Vehicle License No./State		
Acknowledgement of Receipt of Materials.		Acknowledgement of Receipt of	Materials.	
	7 3 1 1 1 2 2	· · · · · · · · · · · · · · · · · · ·		
Delicar Signatura	Shipment Date	n. Driver Signature		Shipment Date
Driver Signature	30.00			Omprient Date
Section III	STINATION (Generat	or completes a-d. destination site complete	se-f)	
		. *		
		c. Name:		
. Physical Address: Quarry Road		d. Mailing Address:		
Morgantown, PA 19543			*	
. Discrepancy Indication Space:				
I hereby certify that the above named material has t	een accepted and t		ing is true and ar	
		o the best of my knowledge the forego	mig is live and ac	curate.
	مهوا المعمرة سرحوا	o the best of my knowledge the forego	I I I I I	curate.
4	ory	o the best of my knowledge the forego		curate.
The state of the s	ory pr	hand its	éceipt Date	ccurate.
Name of Authorized Agent	Signature	R	eceipt Date	
The state of the s	Signature	hand its	eceipt Date	ocurate.
Name of Authorized Agent Section IV	Signature ASBESTOS (Gene	rator completes a d.l. g. Operator complet	eceipt Date	
Name of Authorized Agent Section IV Operator's Name:	Signature ASBESTOS (Gene	R	eceipt Date	
Name of Authorized Agent Section IV	Signature ASBESTOS (Gene	rator completes a d.l. g. Operator complet	eceipt Date	
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Name of Authorized Agent Section IV Operator's Name: Operator's* Address: Special Handling Instructions and additional informa	Signature ASBESTOS (Generation: tion: contents of this consigning	b. Operator's Phone No.:	eceipt Date les e)	g name and are classified.
Name of Authorized Agent Section IV Operator's Name: Operator's* Address: Special Handling Instructions and additional informa OPERATOR'S CERTIFICATION: I hereby declare that the co	Signature ASBESTOS (Generation: tion: contents of this consigning	b. Operator's Phone No.:	eceipt Date les e)	g name and are classified.
Name of Authorized Agent Section IV Operator's Name: Operator's* Address: Special Handling Instructions and additional informa OPERATOR'S CERTIFICATION: I hereby declare that the copacked, marked, and labeled, and are in all respects in proper	Signature ASBESTOS (Generation: tion: contents of this consigning	b. Operator's Phone No.:	eceipt Date les e)	g name and are classified.
Name of Authorized Agent Section IV Operator's Name: Operator's Address: Special Handling Instructions and additional information of the American Section of the Compact of the American Section of the Compact of the American Section of the Ameri	Signature ASBESTOS (Generation: tion: contents of this consigning	b. Operator's Phone No.:	eceipt Date les e)	g name and are classified ent regulations.
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Name of Authorized Agent Section IV Operator's Name: Operator's Address: Special Handling Instructions and additional information of the Address of the Ad	Signature ASPESTOS (General Contents of this consignature condition for transport condition condition for transport condition condi	b. Operator's Phone No.: nent are fully and accurately described above to by highway according to applicable international operator's Signature % nonfriable	eceipt Date les e) re by proper shipping tional and government	g name and are classified ent regulations. Date

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No. 345244

CONESTOGA LANDFILL NEW MORGAN LANDFILL CO., INC. P.O. BOX 128 QUARRY ROAD MORGANTOWN, PA 19543 TELEPHONE: 610/286-6844

FAX: 610/286-7048

WARNING

TRANSPORTING ANY UNAUTHORIZED HAZARDOUS WASTE TO THIS FACILITY FOR DISPOSAL IS PROHIBITED BY LAW. PERSONS VIOLATING THIS PROHIBITION ARE SUBJECT TO CIVIL AND CRIMINAL PROSECUTIONS.

SIGNATURE: ____

1167 NELE 116 (7/90)

Long Island Rail Road Morris Park RCRA Closure

Nonhazardous Waste Manifests: Drum Storage Area Concrete and Asphalt Removal

MXL

MXI Maumee Express, Inc

MANIFESI

*P.O. Box 278 Somerville, NJ 08876 Phone: (732) 424-8441 Fax: (732) 424-8446

Canary: Retained by TSDF

White: MXI original

17600 Jeb Stuart Hgwy 876 Abingdon, VA 24211 I-8441 Phone: (540) 628-1156 I-8446 Fax: (540) 628-4435 14750 Boyle Ave. Fontana, CA 92337 Phone: (909) 350-9090

Fax: (909) 350-9287

MXI EPA ID NO.: NJD986607380

6582

GENE	RATOR NAME / ADDRESS			PHONE				-	GENERATOR E	PAID NO.:		1 1
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(γ)	orris Park	NY									112 15	
MXI R	EP. LOADING (PRINT)		ROCEDURE		BOX SPC	TTED B	OX REM	OVED	TIME AT GENER	RATOR (MII	LITARY TIME	ONLY)
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PO.	NO#: BRMIDE	081				SIAI	E IVIA	MIFE	or No.		arradic	
(X)	PROPER U.S. SHIPPIN	IG NAME	U.S. D		NA/UN/NO.	PACKING GROUP	NO. CONT.	CONT.	NET QUANTITY	UNIT MEASURE	WASTE	FORM
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	2											
	3											
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	NIFESTED).	-	HAGEN	. /	133	1120	84	4/				
GENEE	ATOR'S CERTIFICATION: This	is to certify t	that the above r	named mate	rials are proper	ly classified, o	lescribed,	package	d, marked and labe	led and are in	proper cor	ndition fo
	rtation according to the applicable atment, Storage or Disposal Fac	regulations	of the Departme	nt of Transpo	ortation, U.S. EF	A and the Star	te. The wa	astes des	cribed above were c	onsigned to th	e iransporte	er named
	nowledge.	,										
Paymer	nt to the contractor/broker for wa	ste removal o	does not constitu	ute payment	to the carrier as	nd if the contri	actor/brok	er does n	ot pay the carrier, th	ne generator is	obligated t	o pay th
	rate offered to the contractor/ord	A .		GENERA	TOR'S AGN	ATURE /	7	/	•	DATE LO	ADED	00
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			741	I HAVE	BE THE ABOVE	AND UNDEBSTA	AND AND AG	REE TO AL	L OF ITS CONTENT.	MO.	DAY	YR.
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Pink: Retained by Generator

MXI

MXI Maumee Express, Inc

MANIFEST

MXI EPA ID NO.: NJD986607380

P.O. Box 278 Somerville, NJ 08876 Phone: (732) 424-8441 Fax: (732) 424-8446

17600 Jeb Stuart Hgwy NJ 08876 Abingdon, VA 24211 Phone: (540) 628-1156 Phone: (540) 628-4435 14750 Boyle Ave. Fontana, CA 92337 Phone: (909) 350-9090 Fax: (909) 350-9287

6583

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The Tr	eatment, Storage or I mowledge.	ne applicable regulat Disposal Facility can	and will accept the s	hipment of h	azardous waste	, and has a vai	lia permit i	0 00 SO.	r certify that the lore	young is true a	ind correct t	0 010 00
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Payme	nt to the contractor/to rate offered to the co	proker for waste remo	val does not consti	tute paymen	t to the camer a	na if the contr	actor/brok	er does n	ot pay the carrier, t	ie generator k	o o o o o o o o o o o o o o o o o o o	рај г
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MAMILEDI iviai iviaumee Express, inc MXI EPA ID NO.: 17600 Jeb Stuart Hawy 14750 Boyle Ave. NJD986607380 Somerville, NJ 08876 Abingdon, VA 24211 Fontana, CA 92337 Phone: (732) 424-8441 Phone: (540) 628-1156 Phone: (909) 350-9090 6584 (540) 628-4435 Fax: (732) 424-8446 Fax: (909) 350-9287 GENERATOR NAME / ADDRESS PHONE GENERATOR EPA ID NO .: LIRR (AREA CODE) 151 St. TRACTOR TRAILER APPOINTMENT TIME MOILIS Park NY MXI REP. LOADING (PRINT) BOX SPOTTED BOX REMOVED PROCEDURE TIME AT GENERATOR (MILITARY TIME ONLY) ARRIVAL TIME DEPARTURE TIME COMMENTS OR DELAYS AT GENERATOR **EQUIPMENT USED BROKER:** STATE MANIFEST NO .: PO. NO#: PROPER U.S. SHIPPING NAME NA/UN/NO. **PACKING** (X) U.S. D.O.T. NO. CONT. NET UNIT WASTE FOR! HM HAZARDOUS CLASS GROUP CONT. TYPE QUANTITY MEASURE 2 3 SPECIAL HANDLING INSTRUCTIONS INCLUDING CONTAINER EXEMPTION (I.E. IDENTIFICATION SHIPMENT OF A NON-HAZARDOUS NATURE WHICH DOES NOT HAVE TO BE MANIFESTED). -mergency GENERATOR'S CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition to transportation according to the applicable regulations of the Department of Transportation, U.S. EPA and the State. The wastes described above were consigned to the Transporter named The Treatment, Storage or Disposal Facility can and will accept the shipment of hazardous waste, and has a valid permit to do so. I certify that the foregoing is true and correct to the bes of my knowledge. Payment to the contractor/broker for waste removal does not constitute payment to the carrier and if the contractor/broker does not pay the carrier, the generator is obligated to pay the agreed rate offered to the contractor/broker. PLEASE PRINT NAME / TITLE GENERATOR'S SIGNATURE DATE LOADED I HAVE READ THE ABOVE AND UNDERSTAND AND AGREE TO ALL OF ITS CONTENT. PHONE TSDF EPA ID NO .: (AREA CODE) TRACTOR TRAILER APPOINTMENT TIME MXI REP. UNLOADING (PRINT) PROCEDURE BOX SPOTTED BOX REMOVED TIME AT TSDF (MILITARY TIME ONLY) ARRIVAL TIME DEPARTURE TIME

AL- NJD986607380 AR- PC-1469 H-778

White: MXI original

AZ- NJD986607380 CA-3184 CT- HW-613 DE- HW-409

COMMENTS OR DELAYS AT TSDF

PLEASE PRINT NAME / TITLE

FL- NJD986607380 GA-NJD986607380 IL- 3401

LA- NJD986607380

IN- NJD986607380 KS-NJD986607380 KE-NJD986607380

MD- HWH 539 MA- NJD986607380 MI- NJD986607380

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TSDF SIGNATURE

MN- UPW0389242-0H MS- NJD986607380 M0- H-2083 NH- TNH-0211

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NC-NJD986607380

OH- UPWO389242-OH OK- 3762 PA- AH 0420 RI-702 SC- NJD986607380

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EQUIPMENT USED

DAY TN- NJD986607380 UT- NJD986607380 VT- NJD986607380 VA- NJD9866073801 WV- UPW0389242-OH WI- 16148

DATE UNLOADED

Canary: Retained by TSDF

Pink: Retained by Generator

MANIFES

P.O. Box 278 Somerville, NJ 08876 Phone: (732) 424-8441

17600 Jeb Stuart Hgwy Abingdon, VA 24211 Phone: (540) 628-1156 14750 Boyle Ave. Fontana, CA 92337 Phone: (909) 350-9090 Fax: (909) 350-9287 MXI EPA ID NO .: NJD986607380

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Fax: (/32) 424-8446	Fax:	(540) 628-4	1435	FC	JX.	(909) 330-9207				
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DE- HW-409

MANIFEST

MXI EPA ID NO .: 14750 Boyle Ave. 17600 Jeb Stuart Hgwy P.O. Box 278 NJD986607380 Fontana, CA 92337 Abingdon, VA 24211 Somerville, NJ 08876 Phone: (909) 350-9090 Phone: (540) 628-1156 Phone: (732) 424-8441 6586 (909) 350-9287 (732) 424-8446 (540) 628-4435 GENERATOR EPA ID NO .: PHONE GENERATOR NAME / ADDRESS (AREA CODE) APPOINTMENT TIME TRACTOR TRAILER TIME AT GENERATOR (MILITARY TIME ONLY) BOX REMOVED BOX SPOTTED PROCEDURE SEA STATE ARRIVAL TIME DEPARTURE TIME **EQUIPMENT USED** COMMENTS OR DELAYS AT GENERATOR BROKER: STATE MANIFEST NO.: PO. NO#: (2 WASTE | FORM UNIT **PACKING** NO. CONT. **NET** NA/UN/NO. U.S. D.O.T. PROPER U.S. SHIPPING NAME (X) MEASURE TYPE QUANTITY **GROUP** CONT. HAZARDOUS CLASS HM ONCIE 2 3 SPECIAL HANDLING INSTRUCTIONS INCLUDING CONTAINER EXEMPTION (I.E. IDENTIFICATION SHIPMENT OF A NON-HAZARDOUS NATURE WHICH DOES NOT HAVE TO BE MANIFESTED). GENERATOR'S CERTIFICATION: This is to certify that the above pamed materials are properly classified, described, packaged, marked and labeled and are in proper condition to transportation according to the applicable regulations of the Department of Transportation, U.S. EPA and the State. The wastes described above were consigned to the Transporter named The Treatment, Storage or Disposal Facility can and will accept the shipment of hazardous waste, and has a valid permit to do so. I certify that the foregoing is true and correct to the bes of my knowledge. Payment to the contractor/broker for waste removal does not constitute payment to the carrier and if the contractor/broker does not pay the carrier, the generator is obligated to pay the agreed rate offered to the contractor/broker. DATE LOADED GENERATOR'S SIGNATURE a lean 130 FS I HAVE READ THE ABOVE AND UNDERSTAND AND AGREE TO ALL OF ITS CONTENT. TSDF NAME / ADDRESS TSDF EPA ID NO .: PHONE Liotta Vara (AREA CODE) Daly Blo TRAILER APPOINTMENT TIME TRACTOR TIME AT TSDF (MILITARY TIME ONLY) PROCEDURE BOX SPOTTED **BOX REMOVED** MXI REP. UNLOADING (PRINT) Comment Designates DEPARTURE TIME ARRIVAL TIME **EQUIPMENT USED** COMMENTS OR DELAYS AT TSDF TSDF SIGNATURE DATE UNLOADED PLEASE PRINT NAME / TITLE

AL- NJD986607380 AR- PC-1469

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AZ- NJD986607380 CA-3184 CT- HW-613 DE- HW-409

FL- NJD986607380 GA- NJD986607380 IL- 3401

IN- NJD986607380 KS- NJD986607380 KE- NJD986607380 LA- NJD986607380

MD- HWH 539 MA- NJD986607380 MI- NJD986607380 MN- UPW0389242-OH MS- NJD986607380 M0- H-2083

NH- TNH-0211

NJ-50059 SW-18582 NM- NJD986607380 NY- JA-334

NV- UPWO389242-OH NC- NJD986607380

OH- UPWO389242-OH OK- 3762 PA- AH 0420 RI- 702 SC- NJD986607380 TX-41825

TN- NJD986607380 UT- NJD986607380 VT- NJD986607380 VA- NJD9866073801 WV- UPWO389242-OH WI- 16148

Canary: Retained by TSDF White: MXI original

Pink: Retained by Generator

MANIFEST

P.O. Box 278 Somerville, NJ 08876

17600 Jeb Stuart Hgwy Abinadon, VA 24211

14750 Boyle Ave. Fontana, CA 92337 MXI EPA ID NO .: NJD986607380

Phone: (909) 350-9090 Phone: (540) 628-1156 Phone: (732) 424-8441 6587 (909) 350-9287 (540) 628-4435 (732) 424-8446 GENERATOR EPA ID NO .: PHONE GENERATOR NAME / ADDRESS LIRR (AREA CODE) 121 st St. APPOINTMENT TIME TRAILER TRACTOR TIME AT GENERATOR (MILITARY TIME ONLY) **BOX REMOVED** BOX SPOTTED PROCEDURE **DEPARTURE TIME ARRIVAL TIME** FOUIPMENT USED GENERATOR COMMENTS OR DELAYS AT BROKER: STATE MANIFEST NO .: PO. NO#: FORM UNIT WASTE NET CONT. **PACKING** NO. NA/UN/NO. U.S. D.O.T. PROPER U.S. SHIPPING NAME MEASURE CONT. TYPE QUANTITY GROUP HAZARDOUS CLASS HM 20 Concrete 2 3 SPECIAL HANDLING INSTRUCTIONS INCLUDING CONTAINER EXEMPTION (I.E. IDENTIFICATION SHIPMENT OF A NON-HAZARDOUS NATURE WHICH DOES NOT HAVE TO BE MANIFESTED). GENERATOR'S 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, U.S. EPA and the State. The wastes described above were consigned to the Transporter named. The Treatment, Storage or Disposal Facility can and will accept the shipment of hazardous waste, and has a valid permit to do so. I certify that the foregoing is true and correct to the best il my mowledge. Payment to the contractor/broker for waste removal does not constitute payment to the carrier and if the contractor/broker does not pay the carrier, the generator is obligated to pay the agreed rate offered to the contractor/broker. GENERATOR'S SIGNATURE PLEASE PRINT NAME / TITLE 30 DAY I HAVE READ THE ABOVE AND UNDERSTAND AND AGREE TO ALL OF ITS CONTENT. TSDF EPA ID NO .: PHONE LIOHa Yara (AREA CODE) aly Blud. TRAILER APPOINTMENT TIME TRACTOR (MILITARY TIME ONLY) BOX REMOVED TIME AT TSDF **BOX SPOTTED PROCEDURE** MXI REP. UNLOADING (PRINT) DEPARTURE TIME ARRIVAL TIME **EQUIPMENT USED** COMMENTS OR DELAYS AT TSDF DATE UNLOADED TSDF SIGNATUR PLEASE PRINT NAME / TITLE OH- UPWO389242-OH NJ-50059 TN- NJD986607380 FL- NJD986607380 MD- HWH 539

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UT- NJD986607380 VT- NJD986607380 VA- NJD9866073801 WV- UPWO389242-OH WI- 16148

White: MXI original

DE- HW-409

Canary: Retained by TSDF

LA- NJD986607380

Pink: Retained by Generator

MXI

MXI Maumee Express, Inc

MANIFES'

P.O. Box 278 Somerville, NJ 08876 Phone: (732) 424-8441 17600 Jeb Stuart Hgwy Abingdon, VA 24211 Phone: (540) 628-1156 14750 Boyle Ave. Fontana, CA 92337 Phone: (909) 350-9090 MXI EPA ID NO.: NJD986607380

Phone: (732) 424-8441
Fax: (732) 424-8446

Phone: (540) 628-1156
Fax: (540) 628-4435

Phone: (909) 350-9090
Fax: (909) 350-9087

Fax: (909) 350-9080
Fax: (909

COMMENTS OR DELAYS AT GENERATOR

PROCEDURE

BOX REMOVED TIME AT GENERATOR (MILITARY TIME ONLY

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EQUIPMENT USED

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SPECIAL HANDLING INSTRUCTIONS INCLUDING CONTAINER EXEMPTION (I.E. IDENTIFICATION SHIPMENT OF A NON-HAZARDOUS NATURE WHICH DOES NOT HAVE TO BE MANIFESTED).

SUPERIOR OF A NON-HAZARDOUS NATURE WHICH DOES NOT HAVE TO BE MANIFESTED).

GENERATOR'S CERTIFICATION: This is to certify that the above pamed materials are properly classified, described, packaged, marked and labeled and are in proper condition transportation according to the applicable regulations of the Department of Transportation, U.S. EPA and the State. The wastes described above were consigned to the Transporter name. The Treatment, Storage or Disposal Facility can and will accept the shipment of hazardous waste, and has a valid permit to do so. I certify that the foregoing is true and correct to the be of my knowledge.

Payment to the contractor/broker for waste removal does not constitute payment to the carrier and if the contractor/broker does not pay the carrier, the generator is obligated to pay the carrier and to the contractor/broker.

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KE- NJD986607380

LA-NJD986607380

MD- HWH 539 MA- NJD986607380 MI- NJD986607380 MN- UPWO389242-OH MS- NJD986607380 M0- H-2083 NH- TNH-0211 NJ- 50059 SW-18582 NM- NJD986607380 NY- JA-334 NV- UPWO389242-OH NC- NJD986607380

OH- UPWO389242-OH OK- 3762 PA- AH 0420 RI- 702 SC- NJD986607380 TX- 41825 TN- NJD986607380 UT- NJD986607380 VT- NJD986607380 VA- NJD9866073801 WV- UPWO389242-OH WI- 16148

IVIAI Maumee Express, Inc

WANIFEDI

Somerville, NJ 08876 Phone: (732) 424-8441 Fax: (732) 424-8446

17600 Jeb Stuart Hgwy Abingdon, VA 24211 Phone: (540) 628-1156

Fax: (540) 628-4435

14750 Boyle Ave. Fontana, CA 92337 Phone: (909) 350-9090

(909) 350-9287

NJD986607380 6589

MXI EPA ID NO .:

		Fax: (732) 424	-8446	Fax: (540) 628-4435 Fax:					(909) 350-9287 <u>b 5 8 9</u>				
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MANIFEST

P.O. Box 278 Somerville, NJ 08876 Phone: (732) 424-8441 Fax: (732) 424-8446

LA- NJD986607380

DE- HW-409

17600 Jeb Stuart Hgwy Abingdon, VA 24211 Phone: (540) 628-1156 Fax: (540) 628-4435

14750 Boyle Ave. Fontana, CA 92337 Phone: (909) 350-9090 (909) 350-9287

MXI EPA ID NO .: NJD986607380

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MXI

MXI Maumee Express, Inc

(540) 628-4435

MANIFEST

P.O. Box 278 Somerville, NJ 08876 Phone: (732) 424-8441.

: (732) 424-8446

17600 Jeb Stuart Hgwy Abingdon, VA 24211 Phone: (540) 628-1156 14750 Boyle Ave. Fontana, CA 92337 Phone: (909) 350-9090 Fax: (909) 350-9287 MXI EPA ID NO.: NJD986607380 6594

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MANIFEST

P.O. Box 278 Somerville, NJ 08876 Phone: (732) 424-8441

17600 Jeb Stuart Hgwy Abingdon, VA 24211 ... Phone: (540) 628-1156

14750 Boyle Ave. Fontana, CA 92337 Phone: (909) 350-9090 Fax: (909) 350-9287 MXI EPA ID NO .: NJD986607380

6592

		Fax: (732	2) 424-8446	Fax:	(540) 628-4	1435	FC	3X: ((909) 330-9207			
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CT- HW-613

DE- HW-409

LA- NJD986607380

NH- TNH-0211

MANIFEST

P.O. Box 278 Somerville, NJ 08876 Phone: (732) 424-8441

17600 Jeb Stuart Hawy Abingdon, VA 24211 Phone: (540) 628-1156 (540) 628-4435

14750 Boyle Ave. Fontana, CA 92337 Phone: (909) 350-9090 (909) 350-9287 Fax:

MXI EPA ID NO .: NJD986607380

6593 (732) 424-8446 Fax: Fax: GENERATOR EPA ID NO .: PHONE GENERATOR NAME / ADDRESS (AREA CODE) TRACTOR TRAILER APPOINTMENT.TIME TIME AT GENERATOR (MILITARY TIME ONLY) **BOX REMOVED BOX SPOTTED** ARRIVAL TIME DEPARTURE TIME **EQUIPMENT USED** COMMENTS OR DELAYS AT GENERATOR BROKER: STATE MANIFEST NO .: PO. NO#: **PACKING** CONT. UNIT WASTE FOR! U.S. D.O.T. NA/UN/NO. NET TYPE MEASURE **GROUP** НМ HAZARDOUS CLASS CONT. QUANTITY 2 SPECIAL HANDLING INSTRUCTIONS INCLUDING CONTAINER EXEMPTION (I.E. IDENTIFICATION SHIPMENT OF A NON-HAZARDOUS NATURE WHICH DOES NOT HAVE TO BE MANIFESTED). GENERATOR'S CERTIFICATION: This is to certify that the above named materials are properly classified, described, packaged, marked and labeled and are in proper condition to transportation according to the applicable regulations of the Department of Transportation, U.S. EPA and the State. The wastes described above were consigned to the Transporter named The Treatment, Storage or Disposal Facility can and will accept the shipment of hazardous waste, and has a valid permit to do so. I certify that the foregoing is true and correct to the bes of my knowledge. Payment to the contractor/broker for waste removal does not constitute payment to the carrier and if the contractor/broker does not pay the carrier, the generator is obligated to pay th agreed rate offered to the contractor/broker. PLEASE PRINT NAME / TITLE GENERATOR'S SIGNATURE X dichardle Educ HAVE READ THE ABOVE AND UNDERSTAND AND AGREE TO ALL OF ITS CONTENT. TSDF NAME / ADDRESS PHONE TSDF EPA ID NO .: LIOHIG YCIC (AREA CODE) TRACTOR TRAILER APPOINTMENT TIME BOX SPOTTED TIME AT TSDF (MILITARY TIME ONLY) MXI REP. UNLOADING (PRINT) **PROCEDURE BOX REMOVED** ARRIVAL TIME **DEPARTURE TIME EQUIPMENT USED** COMMENTS OR DELAYS AT TSDF TSDF SIGNATURE DATE UNLOADED PLEASE PRINT NAME / TITLE X 1 / 4 60/ 60 MO. DAY MD- HWH 539 FL- NJD986607380 NJ-50059 OH- UPW0389242-OH AL- NJD986607380 TN- NJD986607380 GA- NJD986607380 MA- NJD986607380 SW-18582 OK- 3762 UT- NJD986607380 AR- PC-1469 MI- NJD986607380 PA- AH 0420 NM- NJD986607380 IL- 3401 VT- NJD986607380 H-778 MN- UPWO389242-OH VA- NJD9866073801 IN- NJD986607380 NY- JA-334 RI- 702 AZ- NJD986607380 MS- NJD986607380 NV- UPWO389242-OH SC- NJD986607380 KS- NJD986607380 WV- UPWO389242-OH CA-3184

CT- HW-613

DE- HW-409

KE- NJD986607380

LA- NJD986607380

NC- NJD986607380

TX-41825

WI- 16148

M0- H-2083

NH- TNH-0211

MXI

MXI Maumee Express, Inc

MANIFEST

MXI EPA ID NO.:

P.O. Box 278 Somerville, NJ 08876 Phone: (732) 424-8441 Fax: (732) 424-8446

17600 Jeb Stuart Hgwy Abingdon, VA 24211 Phone: (540) 628-1156 Fax: (540) 628-4435 14750 Boyle Ave. Fontana, CA 92337 Phone: (909) 350-9090 Fax: (909) 350-9287

NJD986607380 6591

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(X) PROPER U.S. SHIPPING NAME	U.S. D.O.T.	NA/UN/NO.	PACKING	NO.	CONT.	STATE OF THE PROPERTY OF THE P	UNIT	WASTE	FORM	
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BE MANIFESTED). OU Hr /m	erancy +	+ (13a	1)429	1-89	791	^				
GENERATOR'S CERTIFICATION: This is to certify that transportation according to the applicable regulations of t	the above named mat	erials are proper portation, U.S. El	rly classified, or PA and the Sta	lescribed, te. The w	, package astes des	ed, marked and labe cribed above were c	ned and are into the sonsigned to the	n proper con ne Transport	er named	
The Treatment, Storage or Disposal Facility can and will	accept the shipment of I	nazardous waste	, and has a val	id permit	to do so.	I certify that the fore	egoing is true	and correct t	o the bes	
of my knowledge.				a ete r/h rok	ret does t	not nay the carrier th	he generator	is obligated	to pay th	
Payment to the contractor/broker for waste removal doe agreed rate offered to the contractor/broker.	s not constitute paymer	nt to the camer a	ing if the conti	actor/brok	(ei does i	tot pay the carrier, a	no gonerator			
PLEASE PRINT NAME (TITLE	GENER	OR'S SIGN	ATURE .	7/			DATE LO	ADED	99	
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Long Island Rail Road Morris Park RCRA Closure

Nonhazardous Waste Manifests:
Drum Storage Area
Soil Removal



1. EPA I.D. No., Generator of Waste:	
Company Name: (Print or Type) Long Island R. R.	
Pick-up Address: Morris Park Queens Ny (State)	
Telephone Number: Fax Number:	
Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PA D.E.P. regulations.	
Tons: Cubic Yards: Other: (Specify)	
Waste Type: Retroleum Contominated Soil	
Special Handling Instructions, if any:	
PROFILE/WASTE STREAM LD. NUMBER: MXI 6001010 PH	
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 applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge. Date: Signature: Mame and Title:	_
2. Hauler of Waste (must be filled in by hauler) EPA I.D. No.: COMPANY NAME: ADDRESS: Boshol PA.	_
Pick-up Date: 1-7-60 Truck No.: 1-3 Vehicle Lic. No.: (PA) AD 65833	
The above described waste was picked up and hauled by me to the disposal facility named below and was accepted. I certify under penalty of perjury that the foregoing is true and correct.	
(Signature of authorized agent and title)	_
Processing Facility: R3 Technologies, Inc. 7 Steel Road East Morrisville, PA 19067-0847 Permit #301254 Waste subject to this manifest was delivered by the above	
hauler to this disposal facility and accepted on this date:	
(Signature of authorized agent and title)	



1	EPA I.D. No., Generator of Waste:
1.	LI Pillion
	Company Name: (Print or Type)
	Pick-up Address: Morris Park Queens M. (Street)
	Telephone Number: Fax Number:
	Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PA D.E.P. regulations.
	Tons: Cubic Yards: Other: (Specify)
	Waste Type: Petroleum Contamated Soil
	Special Handling Instructions, if any: NONE
	PROFILE/WASTESTREAM I.D. NUMBER: MXI 6001010PH
Th	is is to certify that the above named materials are properly classified, described, packaged, marked, and labeled, and are in proper
cer	dition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I tify that the foregoing is true and correct to the best of my knowledge.
	To 7 2004 But A Basket
Da	te: Jan 7, 2006 Signature: Bur Mandar Brooks & Sms (Name and Title) For MY
	1 201 101
2	Hauler of Waste (must be filled in by hauler) EPA I.D. No.:
do.	COMPANY NAME: The affect of the first of the
	1:-+0')
	ADDRESS: Sristol Pa.
	Pick-up Date: 1-7-00 Truck No.: T/ Vehicle Lic. No.: AD 05831
	The above described waste was picked up and hauled by me to the disposal facility named below and was accepted. I certify under penalty of perjury that the foregoing is true and correct.
	de the 11 Settle
	(Signature of authorized agent and title)
3.	Processing Facility: R3 Technologies, Inc.
	7 Steel Road East
	Morrisville, PA 19067-0847 Permit #301254
	Waste subject to this manifest was delivered by the above
	hauler to this disposal facility and accepted on this date:
	1/7/00
	(Signature of authorized agent and title)



1.	EPA I.D. No., Generator of Waste:
5.0	Company Name: (Print or Type) LONG ISIAND R.R.
	Pick-up Address: MORRIS PARK OUE SUS N.Y (No.) (Street) (City) (State)
	Telephone Number: Fax Number:
	Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PA D.E.P. regulations.
	Tons: Cubic Yards: 20 Other: (Specify)
	Tons: Cubic Yards: O Other: (Specify) Waste Type: PETROIE um CONTAMINATED SOIL
	Special Handling Instructions, if any: NONE
	PROFILE/WASTE STREAM LD. NUMBER: MXI 000/010PH
	is is to certify that the above named materials are properly classified, described, packaged, marked, and labeled, and are in proper
cei	ndition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I tify that the foregoing is true and correct to the best of my knowledge.
Da	te: Jan 7, 2000 Signature: Bur Hammend Files Brooks d Env.
100	(Name and Title) 7-7- h) y j
2.	Hauler of Waste (must be filled in by hauler) EPA I.D. No.:
	COMPANY NAME: TRIAICE
	ADDRESS: BRISTOL PA
	Pick-up Date: 1/7/99 Truck No.: 1-5 Vehicle Lie. No.: 17-07650
	The above described waste was picked up and hauled by me to the disposal facility named below and was accepted. I certify
	under penalty of perjury that the foregoing is true and correct.
	(Signature of authorized agent and title)
3.	Processing Facility: R3 Technologies, Inc. 7 Steel Road East
	Morrisville, PA 19067-0847 Permit #301254
	Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on this date:
	mauric to this disposal facility and acceptation this sale.
	(Signature of authorized agent and title)

Manifest No.: 32632

Rechnologies

R₃ Technologies, Inc. • 7 Steel Road East • P.O. Box 847 • Morrisville, PA 19067-0847 • Phone: (215) 428-1700

1. EPA I.D. No., Generator of Waste:
Company Name: (Print or Type) LouIs and R-R
Pick-up Address: Morris Park, Quias (City) (State)
(No.) (Street) (City) (State)
Telephone Number: Fax Number:
Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PA D.E.P. regulations.
Tons: Other: (Specify)
Waste Type: Petroleun Contaminated Soil
Special Handling Instructions, if any:
PROFILE/WASTE STREAM LD. NUMBER: MXI 000 1010 PH
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 applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge. Date: Date:
2. Hauler of Waste (must be filled in by hauler) EPA I.D. No.: COMPANY NAME: TEVTrucking (a
ADDRESS: 182 Calcuta ST Port Newark Nink 185
Pick-up Date: 01-07-7000 Truck No.: 5 Vehicle Lic. No.: A F 7 13 K
The above described waste was picked up and hauled by me to the disposal facility named below and was accepted. I certify under penalty of perjury that the foregoing is true and correct.
(Signature of authorized agent and title)
3. Processing Facility: R3 Technologies, Inc. 7 Steel Road East Morrisville, PA 19067-0847 Permit #301254
Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on this date:
1/3/10
(Signature of authorized agept and title)
GENERATOR

R3 technologies

R₃ Technologies, Inc. • 7 Steel Road East • P.O. Box 847 • Morrisville, PA 19067-0847 • Phone: (215) 428-1700

1.	EPA I.D. No., Generator of Waste:
	Company Name: (Print or Type) LONS TS OUC R
	Pick-up Address: MORRIS PARK OVEENS NY (Street) (Street) (City)
	Telephone Number: Fax Number:
	Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PA D.E.P. regulations.
	Tons: Other: (Specify)
	Waste Type: Petrolcon Contaminated Soil
	Special Handling Instructions, if any: No ne
	PROFILE/WASTE STREAM LD. NUMBER: M X 1 000 0 PH
cor	is is to certify that the above named materials are properly classified, described, packaged, marked, and labeled, and are in proper addition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I tify that the foregoing is true and correct to the best of my knowledge. Signature: Signature: (Name and Title)
~	
2.)	Hauler of Waste (must be filled in by hauler) EPA I.D. No.:
	COMPANY NAME: - EU TRUCKING
	ADDRESS: 182 COICUTA ST. PCT NRK NJ
	Pick-up Date: 01.07-90 Truck No.: 49 Vehicle Lic. No.: 18 2322
	The above described waste was picked up and hauled by me to the disposal facility named below and was accepted. I certify under penalty of perjury that the foregoing is true and correct.
	(Signature of authorized agent and title)
	Processing Facility: R3 Technologies, Inc.
3.	Processing Facility: R3 Technologies, Inc. 7 Steel Road East Morrisville, PA 19067-0847 Permit #301254
	Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on this date:
	(1/2/x)
	(Signature of authorized agent and title)
	GENERATOR



NON-HAZARDOUS WASTE MANIFEST

1. EPA I.D. No., Generator of Waste:
Company Name: (Print or Type) Long Island R.R.
Pick-up Address: No.) (Sireet) Over (City) (Siate)
Telephone Number: Fax Number: Fax Number:
Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PA D.E.P. regulations.
Tons: Cubic Yards: Other: (Specify)
Waste Type: Petrolwn Cont. Soil
Special Handling Instructions, if any:
PROFILE/WASTESTREAM LD. NUMBER: MT 000/0/0 PH
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 applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge. Date: Color Color
(Name and Title)
2. Hauler of Waste (must be filled in by hauler) EPA I.D. No.: U.J. 467
COMPANY NAME: TEV Truck, I In (if applicable)
ADDRESS: 182 Calcuta St. Port Wart NS 07114
Pick-up Date: 1/07/2 WIV Truck No.: 50 Vehicle Lic. No.: ANSISY NO.
The above described waste was picked up and hauled by me to the disposal facility named below and was accepted. I certify under penalty of perjury that the foregoing is true and correct.
(Signature of authorized agent and inle)
3. Processing Facility: R3 Technologies, Inc. 7 Steel Road East Morrisville, PA 19067-0847 Permit #301254
Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on this date:
(Signature of authorized agent and tifle)
(110)

GENERATOR



1	EPA I.D. No., Generator of Waste:
•	Company Name: (Print or Type)
	Monni De l'Amore MA
	Pick-up Address: (Street) (Street) (State)
	Telephone Number: Fax Number:
	Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PA D.E.P. regulations.
	Tons: Other: (Specify)
	1 Starton Contractor Soil
	Special Handling Instructions, if any:
	PROFILE/WASTE STREAM LD. NUMBER: MX 000/00/4-
Th	is is to certify that the above named materials are properly classified, described, packaged, marked, and labeled, and are in proper
COI	ndition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I tify that the foregoing is true and correct to the best of my knowledge.
Da	ite: Jan 7, 2000 Signature: Bur Hause and Titles
2.	Hauler of Waste (must be filled in by hauler) EPA I.D, No.:
	COMPANY NAME: (if applicable)
	(Acietal 12)
	ADDRESS: 1-2-00 1-3 (OA) AD 05833
	Pick-up Date: 1-7-00 Truck No.: Vehicle Lic. No.: (PA) 41) 05833
	The above described waste was picked up and hauled by me to the disposal facility named below and was accepted. I certify under penalty of perjury that the foregoing is true and correct.
	(Signature of authorized agent and title)
3.	Processing Facility: R3 Technologies, Inc. 7 Steel Road East Morrisville, PA 19067-0847 Permit #301254
	Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on this date:
	1-7-00 Q
	(Signature of authorized agent and title)
100.00	/



1	EPA I.D. No., Generator of Waste:
	Company Name: (Print or Type)
	Pick-up Address:
	(No.) (Street) (City) (State)
	Telephone Number: Fax Number:
4	Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PA D.E.P. regulations.
	Tons: Cubic Yards: Other: (Specify)
	Waste Type: Petrologian Crito windles Stil
	Special Handling Instructions, if any: MDM
•	special Handring Instructions, if any.
	h1753/013//
	PROFILE/WASTE STREAM L.D. NUMBER: MYT6001010744
Date	fy that the foregoing is true and correct to the best of my knowledge. 1-7-00 Signature: X - Dui January For MX
2. I	Hauler of Waste (must be filled in by hauler) EPA I.D. No.:
(COMPANY NAME: TRI- FILE Trucking (if applicable)
I	ADDRESS: 1550/ 125 + 413 BOULL PA 19007
F	Pick-up Date: 17-00 Truck No.: 7-6 Vehicle Lic. No.: AD16032 (PA)
1	The above described waste was picked up and hauled by me to the disposal facility named below and was accepted. I certify under penalty of perjury that the foregoing is true and correct. The above described waste was picked up and hauled by me to the disposal facility named below and was accepted. I certify under penalty of perjury that the foregoing is true and correct. The above described waste was picked up and hauled by me to the disposal facility named below and was accepted. I certify under penalty of perjury that the foregoing is true and correct.
	Signature of authorized agent and priss
3. P	Processing Facility: R3 Technologies, Inc. 7 Steel Road East Morrisville, PA 19067-0847 Permit #301254
	Vaste subject to this manifest was delivered by the above auler to this disposal facility and accepted on this date:
	1,7491
	(Signature of authorized agent and title)



1	EPA I.D. No., Generator of Waste:
	Company Name: (Print or Type) 1019 2010 R.K.
	Marikin Con Marine hill
	Pick-up Address: (No.) (Street) (City) (State)
	Telephone Number: Fax Number:
	Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PA D.E.P. regulations.
	Tons:Other: (Specify)
	Waste Type: $19711111111111111111111111111111111111$
	1-11
	Special Handling Instructions, if any:
	7.1.70000000000000000000000000000000000
	PROFILE/WASTE STREAM I.D. NUMBER: MXTOOOIO 10/4
co	nis is to certify that the above named materials are properly classified, described, packaged, marked, and labeled, and are in proper notition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I retify that the foregoing is true and correct to the best of my knowledge. Signature: Signature: Name and Title:
2.	Hauler of Waste (must be filled in by hauler) EPA I.D. No.:
	COMPANY NAME: THE COMPANY NAME:
	ADDRESS: Printed H
	Pick-up Date: 1/1/00 Truck No.: <u>T-5</u> Vehicle Lic. No.: <u>AD-09655</u>
	The above described waste was picked up and hauled by me to the disposal facility named below and was accepted. I certify under penalty of perjury that the foregoing is true and correct.
	- Marie Marie
_	(Signature of authorized agent and title)
3.	Processing Facility: R3 Technologies, Inc. 7 Steel Road East Morrisville, PA 19067-0847 Permit #301254
	Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on this date:
	1-7-00 1-
	(Signature of authorized agent and title)
-	



1	EPA I.D. No., Generator of Waste:
1.	-Para Maril RR
	There are the first that
	Pick-up Address: (Street) (City) (State)
	Telephone Number: Fax Number:
	Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PA D.E.P. regulations.
	Tons: Other: (Specify)
	Tons: Cubic Yards: Other: (Specify) Waste Type: The County C
	Special Handling Instructions, if any:
	Special Handling Instructions, If any:
	PROFILE/WASTE STREAM LD. NUMBER: MXT000/010194-
	PROBLE/WASTESTREAM I.D. NUMBER:
cor	is is to certify that the above named materials are properly classified, described spackaged, marked, and labeled, and are in proper notition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named, the trify that the foregoing is true and correct to the best of my knowledge. The state of the proper named of the properly classified, described spackaged, marked, and labeled, and are in proper named of the proper named. The wastes were consigned to the transporter named of the proper named of the proper named. The wastes were consigned to the transporter named of the proper named
2.	Hauler of Waste (must be filled in by hauler) EPA I.D. No.:
	COMPANY NAME: TRI- AX/E
	ADDRESS: BRISTOL PA
	Pick-up Date: 1/7/00 Truck No.: TU Vehicle Lic. No.: AB/858
	The above described waste was picked up and hauled by me to the disposal facility named below and was accepted. I certify under penalty of perjury that the foregoing is true and correct.
	(Signature of authorized agent and title)
3.	Processing Facility: R3 Technologies, Inc. 7 Steel Road East Morrisville, PA 19067-0847 Permit #301254
	Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on this date:
	1-7-00 /2
	(Signature of authorized agent and title)



1. EPA I.D. No., Generator of Waste:	NO. STATE OF THE OWNER, OR STATE OF
Company Name: (Print or Type) Loro Skart RR	
Pick-up Address: Mo.) (Street) Pirk (Out 2004 N/4 (State)	
(No.) (Street) (City) (State)	
Telephone Number: Fax Number:	
Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PA D.E.P. regulations.	
Tons: Cubic Yands: Other: (Specify),	
Tons: Cubic Yards: Other: (Specify) Waste Type: Other: (Specify)	
Special Handling Instructions, if any:	
PROFILE/WASTE STREAM LD. NUMBER: MXI 0001010144	
This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled, and are in procondition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I certify that the foregoing is true and correct to the best of my knowledge. Date: Signature: Name and Title:	-
2. Haular of Wasta (must be filled in by boular) ERA LD. No.	
COMPANY NAME: 111 - WAVE	
COMPANY NAME: ADDRESS: COMPANY NAME: COMPANY NAM	
Pick-up Date: Truck No.: Vehicle Lic. No.:	
The above described waste was picked up and hauled by me to the disposal facility named below and was accepted. I certify under penalty of perjury that the foregoing is true and correct.	
(Signature of authorized agent and title)	
R3 Technologies, Inc. 7 Steel Road East Morrisville, PA 19067-0847 Permit #301254	
Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on this date:	
1-7-80 .	
(Signature of authorized agent and title)	



	FRANK CONTRACTOR OF THE PROPERTY OF THE PROPER
1.	Company Name: (Print or Type) Lany Is/and IZ R.
	Pick-up Address: Moth's Pork Oceans N.Y (State)
	Telephone Number: Fax Number:
	Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PA D.E.P. regulations.
	Tons: Cubic Yards: Other: (Specify)
	Waste Type: Petroleum Cont Soil
	Special Handling Instructions, if any:
	Special Hallulling Histractions, if any.
	111 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	PROFILE/WASTE STREAM I.D. NUMBER: MX/ 000/0/0 PH
Th cor	is is to certify that the above named materials are properly classified, described, packaged, marked, and labeled, and are in proper addition for transportation according to applicable state and federal law. The wastes were consigned to the transporter named 1 tify that the foregoing is true and correct to the best of my knowledge.
	te: 1/1/2000 Signature: Signature: 1/1/2000 (Name and Title)
Da	te: // (Name and Title)
2	Hauler of Waste (must be filled in by hauler) EPA I.D. No.:
ber.	COMPANY NAME: TEV Trucking Inc.
	ADDRESS: 182 Calcutta St. Port Newart NS. 07114
	Pick-up Date: 1/7/2005 Truck No.: 50 Vehicle Lic. No.: 405/54 NS
	The above described waste was picked up and hauled by me to the disposal facility named below and was accepted. I certify under penalty of perjury that the foregoing is true and correct.
	(Signature of authorized agent and title)
3.	Processing Facility: R3 Technologies, Inc. 7 Steel Road East Morrisville, PA 19067-0847 Permit #301254
	Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on this date:
	1. 1. M
	(Signature of authorized agent and title)
-	

Manifest No.: 33655



R₃ Technologies, Inc. • 7 Steel Road East • P.O. Box 847 • Morrisville, PA 19067-0847 • Phone: (215) 428-1700

1.	EPA I.D. No., Generator of Waste:
	Company Name: (Print or Type) LOWS ISLAND RAIRIAN
	Marrie Park Alexans
	Pick-up Address: TIMES TARK QUETTO VEW 16TK IVER 10TK
	Telephone Number: Fax Number:
	Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PA D.E.P. regulations.
	Tons: Other: (Specify)
	Waste Type: Contamenates Pet. Sil
	Special Handling Instructions, if any: Now E
	Special Flanding Instituctions, if any.
I	PROFILE/WASTESTREAM LD. NUMBER: MXI DOO 1000 PH
	te: 17-00 Signature: A Signature: A Signature (Name and Title) Rooks
2.	Hauler of Waste (must be filled in by hauler) EPA I.D. No.:
	COMPANY NAME: - IRI AXIE TRUCKIUS
	ADDRESS: 413 BRISHU PA 19007
	Pick-up Date: 1-7-00 Truck No.: T-6 Vehicle Lic. No.: A D16C 32 (PA)
	The above described waste was picked up and hauled by me to the disposal facility named below and was accepted. I certify under penalty of perjury that the foregoing is true and correct. (Signature of authorized agent and title)
 3.	Processing Facility: R3 Technologies, Inc.
	7 Steel Road East Morrisville, PA 19067-0847 Permit #301254
	Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on this date:
	1/2/100
	(Signature of authorized agent and title)
	GENERATOR

Manifest No.: 37100



R₃ Technologies, Inc. • 7 Steel Road East • P.O. Box 847 • Morrisville, PA 19067-0847 • Phone: (215) 428-1700

1. EPA I.D. No., Generator of Waste:	
Company Name: (Print or Type) Long Is land Q. Q.	
Pick-up Address: Moriis Park, Quens NY. (No.) (Street) (City) (State)	
Telephone Number: Fax Number:	
wase offeatil forthinearon.	
Waste Type: Cubic Yards: Contaminated Joil	
Special Handling Instructions, if any:	
PROFILE/WASTE STREAM LD. NUMBER: MXT 000 10 0 PH	
This is to certify that the above named materials are properly classified, described, packaged, marked, and labeled, and are in condition for transportation according to applicable state and federal law. The wastes were consigned to the transporter name certify that the foregoing is true and correct to the best of my knowledge.	proper ed. I
Date: Signature:(Name and Title)	
2. Hauler of Waste (must be filled in by hauler) EPA I.D. No.:	
COMPANY NAME: To Asiz Too Jessica C Taucking	
COMPANY NAME: The Residue of Waste (must be filled in by hauler) EPA I.D. No.: The Residue of Waste (must be filled in by hauler) EPA I.D. No.: The Residue of Waste (must be filled in by hauler) EPA I.D. No.: The Residue of Waste (must be filled in by hauler) EPA I.D. No.: The Residue of Waste (must be filled in by hauler) EPA I.D. No.: The Residue of Waste (must be filled in by hauler) EPA I.D. No.: The Residue of Waste (must be filled in by hauler) EPA I.D. No.: The Residue of Waste (must be filled in by hauler) EPA I.D. No.: The Residue of Waste (must be filled in by hauler) EPA I.D. No.: The Residue of Waste (must be filled in by hauler) EPA I.D. No.: The Residue of Waste (must be filled in by hauler) EPA I.D. No.: The Residue of Waste (must be filled in by hauler) EPA I.D. No.: The Residue of Waste (must be filled in by hauler) EPA I.D. No.: The Residue of Waste (must be filled in by hauler) EPA I.D. No.: The Residue of Waste (must be filled in by hauler) EPA I.D. No.: The Residue of Waste (must be filled in by hauler) EPA I.D. No.: The Residue of Waste (must be filled in by hauler) EPA I.D. No.: The Residue of Waste (must be filled in by hauler) EPA I.D. No.: The Residue of Waste (must be filled in by hauler) EPA I.D. No.: The Residue of Waste (must be filled in by hauler) EPA I.D. No.: The Residue of Waste (must be filled in by hauler) EPA I.D. No.: The Residue of Waste (must be filled in by hauler) EPA I.D. No.: The Residue of Waste (must be filled in by hauler) EPA I.D. No.: The Residue of Waste (must be filled in by hauler) EPA I.D. No.: The Residue of Waste (must be filled in by hauler) EPA I.D. No.: The Residue of Waste (must be filled in by hauler) EPA I.D. No.: The Residue of Waste (must be filled in by hauler) EPA I.D. No.: The Residue of Waste (must be filled in by hauler) EPA I.D. No.: The Residue of Waste (must be filled in by hauler) EPA I.D. No.: The Residue of Waste (must be filled in by hauler) EPA I.D. No.: The Residue of Waste (must be filled in by hauler)	
Pick-up Date: 1-5-60 Truck No.: 7-6 Vehicle Lic. No.: ADICC 32	PA
The above described waste was picked up and hauled by me to the disposal facility named below and was accepted. I cert under penalty of perjury that the foregoing is true and correct.	ify
(Signature of authorized agent and title)	
3. Processing Facility: R3 Technologies, Inc. 7 Steel Road East Morrisville, PA 19067-0847 Permit #301254	
Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on this date:	
and the supplement of the	. (
(Signature of authorized agent and title)	



1. EPA I.D. No., Gen	erator of Waste:
Company Name: (l	Print or Type) Long Island R. R.
Pick-up Address: _	(No.) MOR'S PORK, QUEENS (City) (State)
Telephone Number	
Waste Stream Iden	tification: This manifest represents a non-hazardous waste as per EPA and PA D.E.P. regulations.
Tons:	Cubic Yards: 20 Other: (Specify)
Waste Type:	0) 1
*	
Special Handling I	nstructions, if any:
PROFILE / WA	STESTREAM LD. NUMBER: MXI 0001010 0 H
TROTILET WA	THE COST OF THE CO
ondition for transporta	the above named materials are properly classified, described, packaged, marked, and labeled, and are in proper ation according to applicable state and federal law. The wastes were consigned to the transporter named. I are in true and correct to the best of my knowledge.
1-5-0	
Date:	Signature: and w la Colyn fas ayant for brookedst
. Hauler of Waste (m	ust be filled in by hauler) EPA I.D. No.:
COMPANY NAMI	
ADDRESS:	Bristol PA.
Pick-up Date:	15-99 Truck No.: 1.3 Vehicle Lie. No.: (PA) AD - 05833
The above describe under penalty of pe	d waste was picked up and hauled by me to the disposal facility named below and was accepted. I certify rjury that the foregoing is true and correct.
-	(Signature of authorized agent and title)
. Processing Facility:	7 Steel Road East Morrisville, PA 19067-0847
	Permit #301254
	Permit #301254 s manifest was delivered by the above



	itor or waste.			
Company Name: (Prin	nt or Type)		PP	
Pick-up Address:	Morris Co	interest 1 T R	(City)	j. j. j. (\$tate)
Telephone Number:	•	Fax Numb	er:	
Waste Stream Identifi	cation: This manifes	st represents a non-hazardous w	aste as per EPA and PA D	D.E.P. regulations.
Tons:	Cubic Yards	:	Other: (Specify)	
Waste Type:	Thele	um Coxte	m. Soil	
Special Handling Inst	ructions, if any:	<u> </u>	hE	
	,	,		
PROFILE / WAST	TE STREAM LD. NU	MBER: /	MXI COC	1010 PA
. Hauler of Waste (mus	t be filled in by hauler) EPA	nature: Mall II To A I.D. No.: Le Lieu	(if unplicable)	
COMPANY NAME:	1 to	· //		
ADDRESS:	12000			
ADDRESS:	5-00 Truck N	No.: 11		A DOS831
Pick-up Date:	waste was picked up and harry that the foregoing is true	No.:	Vehicle Lic. No.:	A DOS 831 s accepted. I certify
Pick-up Date:	waste was picked up and harry that the foregoing is true	No.:	Vehicle Lie. No.:	A U 0 S 8 3 1 s accepted. I certify
Pick-up Date: The above described winder penalty of perjudice. Processing Facility:	waste was picked up and harry that the foregoing is true	No.:	Vehicle Lie. No.:	A DOS 831
Pick-up Date: The above described winder penalty of perjulations. B. Processing Facility: Waste subject to this n	R3 Technologies, Inc. 7 Steel Road East Morrisville, PA 1906	nuled by me to the disposal face and correct. Otth Catherine Signature of authorized agent and title) 7-0847 he above 7.66	Vehicle Lie. No.:	A DOS 831



1.	EPA I.D. No., Generator of Waste:
	Company Name: (Print or Type) Long IsLand R.R
	Company Name: (Print or Type) Long IsLand R.R Pick-up Address: Morris Park, Queen N.Y. (No.) (Street) (City) (State)
	Telephone Number: Fax Number:
	Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PA D.E.P. regulations.
	Tons: Cubig Yards: Other: (Specify)
	Tons: Cubiq Yards: 20 Other: (Specify) Waste Type: Patroleum Contaminated Soil
	Special Handling Instructions, if any: None
	openin ramoning monocomons, it any.
	PROFILE/WASTESTREAM LD. NUMBER: MXI 000/010 PH
ce	ndisting is to certify that the above named materials are properly classified, described, packaged, marked, and labeled, and are in proper notation for transportation according to applicable state and federal law. The wastes were consigned to the transporter named. I retify that the foregoing is true and correct to the best of my knowledge. Signature: Signature: (Name and Title)
	(Name and Title)
2.	Hauler of Waste (must be filled in by hauler) EPA I.D. No.:
	COMPANY NAME: 7ri Axle
	ADDRESS: Bristol P.A.
	Pick-up Date: 1-5-80 Truck No.: 7-5 Vehicle Lic. No.: AD - 89560
	The above described waste was picked up and hauled by me to the disposal facility named below and was accepted. I certify under penalty of perjury that the foregoing is true and correct.
	(Signature of authorized agent and title)
3.	Processing Facility: R3 Technologies, Inc. 7 Steel Road East Morrisville, PA 19067-0847 Permit #301254
	Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on this date:
	1
Open S	(Signature of authorized agent and title)

Manifest No.: 33653

Rechnologies

R₃ Technologies, Inc. • 7 Steel Road East • P.O. Box 847 • Morrisville, PA 19067-0847 • Phone: (215) 428-1700

1. EPA I.D. No., Generator of Waste:
LANCE TOLVING Roil PAR
Company statute (state of state of stat
Pick-up Address: Mortis Park, Quelus WY (City) (State)
Telephone Number: Fax Number:
Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PA D.E.P. regulations.
Tons: Other: (Specify)
Waste Type: Petroleum Contamine las Soil
None
TRIF LOW
PROFILE/WASTESTREAM LD. NUMBER: • MXI 0001010 PH
Date: 1-5-00 Signature: Quely late for brothside from. (Name and Title)
2. Hauler of Waste (must be filled in by hauler) EPA I.D. No.:
COMPANY NAME: Tr. Axle Produssional Having (if applicable)
ADDRESS: 413 Brist-L PA 19W7
Pick-up Date: 1-5-00 Truck No.: T-6 Vehicle Lie. No.: AD16632 1PA1
The above described waste was picked up and hauled by me to the disposal facility named below and was accepted. I certify under penalty of perjury that the foregoing is true and correct.
(Signature of authorized agent and title)
3. Processing Facility: R3 Technologies, Inc. 7 Steel Road East Morrisville, PA 19067-0847 Permit #301254
Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on this date:
1 1 1 1
(Signature of authorized agent and title)
GENERATOR /

Manifest No.: 37099



R₃ Technologies, Inc. • 7 Steel Road East • P.O. Box 847 • Morrisville, PA 19067-0847 • Phone: (215) 428-1700

	EPA I.D. No., Generator of Waste:
	I am I stand E.R
	Pick-up Address: (No.) Pick-up Address: (No.) (State)
	Pick-up Address: (Sinet) (City) (State)
	Telephone Number: Fax Number:
	Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PA D.E.P. regulations.
	Tons: Cubic Yards: 20 Other: (Specify)
	Tons: Cubic Yards: Other: (Specify) Waste Type: Petroloum Contaminated Sail
	Special Handling Instructions, if any:
,	PROFILE/WASTE STREAM LD. NUMBER: MXI 0001010 /
)a	e: 1-5-100 Signature: Www. Edy for ayar he knows to Cont.
2.	Hauler of Waste (must be filled in by hauler) EPA I.D. No.:
	COMPANY NAME: Tr. Arde
	Bristal DA
	ADDRESS: 120's tol VA
	ADDRESS: Vehicle Lic. No.: AD-09560
	ADDRESS: 120's tol VA
	ADDRESS: Pick-up Date: 15-99 Truck No.: T-5 Vehicle Lic. No.: AD-09560 The above described waste was picked up and hauled by me to the disposal facility named below and was accepted. I certify under penalty of perjury that the foregoing is true and correct.
	ADDRESS:
3.	ADDRESS: Pick-up Date: Truck No.: Truck
3.	ADDRESS: Pick-up Date: Truck No.: T.5 Vehicle Lic. No.: Wehicle Lic. No.: Wehicle Lic. No.: AD-09560 The above described waste was picked up and hauled by me to the disposal facility named below and was accepted. I certify under penalty of perjury that the foregoing is true and correct. (Signature of authorized agent and title) Processing Facility: R3 Technologies, Inc. 7 Steel Road East Morrisville, PA 19067-0847 Permit #301254 Waste subject to this manifest was delivered by the above
3.	ADDRESS: Pick-up Date: Truck No.: Truck
3.	ADDRESS: Pick-up Date: Truck No.: T.5 Vehicle Lic. No.: Wehicle Lic. No.: Wehicle Lic. No.: AD-09560 The above described waste was picked up and hauled by me to the disposal facility named below and was accepted. I certify under penalty of perjury that the foregoing is true and correct. (Signature of authorized agent and title) Processing Facility: R3 Technologies, Inc. 7 Steel Road East Morrisville, PA 19067-0847 Permit #301254 Waste subject to this manifest was delivered by the above

		2	74	04	S.
Manifest No	o.:	3	T	01	



1.	EPA I.D. No., Generator of Waste:
	Company Name: (Print or Type) Long Island R.R.
	Pick-up Address: Morris Park Queens (City) (State)
	Telephone Number: Fax Number:
	Waste Stream Identification: This manifest represents a non-hazardous waste as per EPA and PA D.E.P. regulations.
	Tons: Cubic Yards: Other: (Specify)
	Waste Type: Petroleum Contoninated. Jul
	Special Handling Instructions, if any: None
	•
	PROFILE/WASTE STREAM LD. NUMBER: MYT 000 0 0 0 4 H
er	tify that the foregoing is true and correct to the best of my knowledge. Signature: And the foregoing is true and correct to the best of my knowledge. Signature: Signatur
2.	Hauler of Waste (must be filled in by hauler) EPA I.D. No.:
	COMPANY NAME: Tri Ale
	ADDRESS: 3 Cistal PA
	Pick-up Date: 1-5-99 Truck No.: T-3 Vehicle Lic. No.: PA AD -05833
	The above described waste was picked up and hauled by me to the disposal facility named below and was accepted. I certify under penalty of perjury that the foregoing is true and correct.
	(Signature of authorized agent and title)
	Processing Facility: R3 Technologies, Inc. 7 Steel Road East Morrisville, PA 19067-0847 Permit #301254
	Waste subject to this manifest was delivered by the above hauler to this disposal facility and accepted on this date.
	1/-/00
	(Signature of authorized agent and title)
********	GENERATOR

Hazardous Waste Manifests:
Drum Storage Area
Soil Removal Around Unknown UST



ALL SPILLS MUST BE REPORTED TO THE MICHIGAN POLLUTION EMERGENCY ALERTING SYSTEM, IN MICHIGAN AT 1-800-292-4706 OR OUT OF STATE AT \$17-373-7660 AND THE NATIONAL RESPONSE

SEPA-Form 8780 22 Hearth

Please print or type.

WASTE MANAGEMENT DIVISION MICHIGAN DEPARTMENT OF **ENVIRONMENTAL QUALITY**

DO NOT WRITE IN THIS SPACE DIS.

ATT.

REJ. □	PR. S	BROCES OMB No. 2050-0039
	Form Approved	OMB No. 2050-0039

nequired under authority of Part 11 Part 121 of Act 451, 1994, as ament

Failure to file may subject you to	
criminal and/or civil penalties und	e
Sections 324.11151 or 324.12116 I	W

7	4	UNIFORM HAZARDOUS WASTE MANIFEST 1. Generator's US	99.3830 PS	Manifest	2. Page			the shaded ar ired by Fedi
	l	3. Generator's Name and Mailing Address Long Isla	nd failroad	-	1 1	e Manifest Do	ument	Number 7
1		Dept 3147-93-59 183125t., t	tollis, NY 11	1423	B. State	e Generator's	1 1 1	RPIS PR
		4. Generator's Phone (718 558-3252		100	Fac	ditu. 1	Pori	SPKI
		5. Transporter 1 Company Name 6.	TD98/4(01)7	3817		e Transporter' asporter's Pho		A 334
	lt	7. Transporter 2 Company Name 8.	US EPA ID Numbe	r .	E. Stat	e Transporter	s ID	2 10 7 0
	1	Designated Facility Name and Site Address	US EPA JD Numbe			sporter's Pho e Facility's ID	18	A 64. May 10 a
		9. Designated Facility Name and Site Address Michigan Disposal Wask treed	ment Plant		Later than	4 - 14 B		1.613年
	1	49350 N. I. 94 Service Dr.	110000724	1821	H. Faci	lity's Phone	2.5	2/80
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	-	J. Additional Descriptions for Materials Listed Above		and the fitting	da de La	er i i i i Stratiski se		K. Handling (
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	-	15. Special Handling Instructions and Additional Information	entro e este € Na. Fried	17 E 18 LE	F 2.	***		**
			424-8441		*			
		16. GENERATOR'S CERTIFICATION: Thereby déclare that the contents of this packed, marked, and labeled, and are in all respects in proper condition	s consignment are fully and acc	curately desc	ribed apor	ve by proper snip	pir.g nar	ne ano are classif
			•					v
		If I am a large quantity generator, I certify that I have a program in to be economically practicable and that I have selected the practica present and future threat to human health and the environment; Of	ble method of treatment, sto	rage, or dis	sposal cur	rently available	to me v	vhich minimizes
		-generation and select the best waste management method that is avail	able to me and that I can affor	d.	iave made	e a good laith t	Γ	Date
		Printed/Typed Name	Signature					Month Day
H DAY	1	17. Transporter 1 Acknowledgement of Receipt of Materials						Date
IS PE		Printed/Typed Name O Clen. W Frank	Signature	2/10	2/20	x 700		Month Day
HOOL	777	Elward Apwil. ns	Therook &	10/1			- 6	repp
4-8802 24	-	18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name	Signature					Month Day
124-88	-					**********	L	
-800		19. Discrepancy Indication Space						
RAT	E ACOL	j						
		20. Facility Dwyen or Operator: Certification of receipt of hazardou	s materials covered by this	s manifest	except a	s noted in		
12.5	TY	Item 19.	Signature					Date
		Printed/Typed Name Printed/Typed Name School	Laignature					Nonth Day

Please print or type.

WASTE MANAGEMENT DIVISION MICHIGAN DEPARTMENT OF **ENVIRONMENTAL QUALITY**

DO NOT WRITE IN THIS SPACE ATT. DIS.

REJ.	PR.	

Form Approved.

Fail	ure to file may aubject you to
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ved.	UMB No. 2050,0033

Required under authority of Part 111 a Part 121 of Act 451, 1994, as amended

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7. Transporter 2 Company Name 8. US EPA ID Number E. State Transporter's Fr. Transporter's Phone								W STATE OF	1 21 1 2					
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Hazardous Waste Manifest:
Paint Stripping Area
Concrete Scarification Waste

NYG 2427543

STATE OF NEW YORK DEPARTMENT OF ENVIRONMENTAL CONSERVATION

DIVISION OF SOLID & HAZARDOUS MATERIALS



Please type or print. Do not staple

HAZARDOUS WASTE MANIFEST P.O. Box 12820, Albany, New York 12212

(Hazardous Waste Manifest 1/5/99

	WASTE MANIFEST	1. Generator's US EPA ID No.	Manifest Doc. No.	2. Page 1 o		n within heavy b	
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-7362	3.Generator's Name and Mailing Ad	dress Long I land Ru		A	YG 242		
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ou (5. Transporter 1 (Company Name)	6. US EPA ID Number	(. 7) 0	C. State Trai		NAME	34
vati	7 Transporter 2 (Company Name)	8. US EPA ID Number	507350	E. State Tran	er's Telephone	7324	4-89
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Ž Z	If I am a large quantity generator, I ce to be economically practicable and the	rtify that I have a program in place to reduc at I have selected the practicable method of	e the volume and tox	icity of waste	generated to th	e degree I have	determined
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r spill immed TRANSPORTER		A Salarine		1. 18-11		Mo. Day	lear
ANSI	18. Transporter 2 Acknowledgement of	f Receipt of Materials					
0	Printed/Typed Name	Signature			1	Mo Day	Year
	19. Discrepancy Indication Space						1
erge							
e of emergency	20. Facility Owner or Operator: Certif	ication of receipt of hazardous materials cov	ered by this manifest	except as not	ed in Item 19		
FAC	Printed/Typed Name /	Signature	. / /	/		Ao Day	Year
ogse F	1 11 HOLL	for the	401/10	116		3/1/12	
= [P	-1,00		1 800		1-1-15	

Hazardous Waste Manifest:
Paint Stripping Area
Liquids from Pressure Washing of
Concrete Floor in Paint Stripping Bays and
Decontamination of UST



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State of New Jersey Department of Environmental Protection Hazardous Waste Regulation Program Manifest Section CN 421, Trenton, NJ 08625-0421

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Plea	se type or print in block letters. (Form designed for use on elite (12-pitch) typewriter.)	. Fo	m Appro	ved. OMB No. 2	2050-0039	. Expires	-37-97
	MASTE MANIEST DOG	Manifest cument No.	2. Page of		tion in the required b		000000000000000000000000000000000000000
-	3 Generator's Name and Mailing Address LONG TOURING RHILROAD			NJA 2	928	058	
	JAMA-CA Station, JAMAICA Stochon Ny 14-36	1.	B. State	Generator's ID-(Gen. Site A	daress)	
1	Generator's Phone () S S S S S S S S S S S S S S S S S S	*	C. State	Trans, ID-NUDE	. 1.5	Tag	5-9
1	7. Transporter 2 Company Name Thy. INTO 98 (1605)	73181C		Decal No		100	
11	7. Transporter 2 Company Name 8. US EPA 10 Number	1 11.		sporter's Phone (Trans. ID-NUDER	732	429-	544
	Designated Facility Name and Site Address 10. US EPA ID Number			Decal No)		
	E.I. apont de Nemouls & lo. In.			sporter's Phone ()		
	Chumbers Works- Porte 130 Decoulater NT 08023 INTO00238.	5730		Facility's ID	-11 -	00-0	777
	11. US DOT Description (Including Proper Shipping Name, Hazard Class or Division, ID Number and Packing Group)	12. Conta	ainers .	13. Total	14. Unit	1	113
1	DIM	No.	Type	Quantity	Wt/Vol	Waste N	D.
-	* HAZArdows Waste Liquidos (Faz) 9 NA 3082	Qal	TX	is destroy	-6	500	
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	J. Additional Descriptions for Materials Listed Above		K. Hand	dling Codes for W	astes Listed	d Above	
	5.11 619 11000	2.	a. {	701	c.	1 1	
	and the state of t		11247	1			
1	15. Special Handling Instructions and Additional Information	0	b.	11 00	d.	110	-
	OW 10366 Release #1/ 1	CKMT	E -	# AC	3112	71	
	21 11 6 2 2 1 1 1730	1 42		Cont	110))	
+	16 GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully	and accurate	describ	ed above by pro	per shipping	g name and	d are
	classified, packed, marked, and labeled, and are in all respects in proper condition for transport by his regulations.						
	If I am a large quantity generator, I certify that I have a program in place to reduce the volume to be economically practicable and that I have selected the practicable method of treatment, storage,	or disposal	currently:	available to me w	which minimi	zes the nre	sent
	and future threat to human health and the environment, OR, if I am a small quantity generator, I and select the best waste management method that is available to me and that I can afford.	nave made a	a good ta	uth effort to min	imize my w	aste gener	ation
1	Printed/Typed Name Signature	1	/	1. 1.	Mon	th Day	Year
+	17. Transporter 1 Acknowledgement of Receipt of Markous	M	cent	for fred	210	710101	aq
	Printed/Typed Name Signature	1/0	, .		Mon	th Day	Year
	8. Transporter 2 Acknowledgement of Receipt of Materials	11/1	1		10	1.71	R
1	Printed/Typed Name Signature		-		Mont	th Day	Year
	9. Discrepancy Indication Space	-				111	
	s. Discrepancy indication space	¥ 24					»
		#1 (1987); S4		4 4			f
1	20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest exc	ept as noted	n Item 19				
Y	Printed/Typed Name Signature	1	1		Monti	n Day	Year
	Form 8700-22 (Rev. 9/88) Previous editions are obsolete. SIGNATURE AND INF	OPMATION	AUIOT	ELECIDI E -	10	231	والم
2	TOD MANIE TO CENEDATOD	ONWATION	MUSIE	DE LEGIBLE O	N ALL CO	PIES	

Nonhazardous Waste Manifest:
Paint Stripping Area
Storm Water from UST

IVIXI Maumee Express, Inc MANIFEST MXI EPA ID NO .: 17600 Jeb Stuart Hawy 14750 Boyle Ave. Somerville, NJ 08876 Abingdon, VA 24211 NJD986607380 Fontana, CA 92337 Phone: (732) 424-8441 Phone: (540) 628-1156 Phone: (909) 350-9090 6941 Fax: (732) 424-8446 Fax: (540) 628-4435 (909) 350-9287 GENERATOR NAME / ADDRESS PHONE GENERATOR EPA ID NO .: MIS PK. Site (AREA CODE) TRACTOR TRAILER APPOINTMENT, TIME 3004 MXI REP. LOADING (PRINT) PROCEDURE BOX SPOTTEDS **VBOX REMOVED** TIME AT GENERATOR . (MILITARY TIME ONLY) 15 1 1:21 11:00 14:15 PAM ARRIVAL TIME ... DEPARTURE TIME COMMENTS OR DELAYS AT GENERATOR **EQUIPMENT USED** BROKER: 17 100 C 1344 A STATE MANIFEST NO.: (X) PROPER U.S. SHIPPING NAME U.S. D.O.T. NAVUNNO. PACKING NO. CONT NET UNIT WASTE FORM HM HAZARDOUS CLASS GROUP TYPE CONT. QUANTITY MEASURE 2 3 SPECIAL HANDLING INSTRUCTIONS INCLUDING CONTAINER EXEMPTION (I.E. IDENTIFICATION SHIPMENT OF A NON-HAZARDOUS NATURE WHICH DOES NOT HAVE TO BE MANIFESTED). GENERATOR'S CERTIFICATION: This is to certify that the above named malerials 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, U.S. EPA and the State. The wastes described above were consigned to the Transporter named. The Treatment, Storage or Disposal Facility can and will accept the shipment of hazardous waste, and has a valid permit to do so. I certify that the foregoing is true and correct to the best of my knowledge. Payment to the contractor/broker for waste removal does not constitute payment to the carrier and if the contractor/broker does not pay the carrier, the generator is obligated to pay the agreed rate offered to the contractor/broker. PLEASE PRINT NAME / TITLE GENERATOR'S STENATURE DATE LOADED HAVE BEAD THE ABOVE AND MO. TODAY TO YRIT PHONE TSDF EPAID NO. (AREA CODE) TRACTOR TRAILER APPOINTMENT TIME STORY OF THE STATE MXI HEP UNLOADING (PRINT) PROCEDURE BOX SPOTTED BOX REMOVED TIME AT TSDF MILITARY TIME ONLY 15:15 115:45 ARRIVAL TIME DEPARTURE TIME

AL- NJD986607380 AR- PC-1469 H-778 AZ- NJD986607380

CA-3184

CT- HW-613

DE- HV: 409

PLEASE PRINCIPIAME

COMMENTS OR DELAYS AT TSDF

FL- NJD986607380 GA- NJD986607380 IL- 3401

LA- NJD986607380

MD- HWH 539 MA- NJD986607380 MI- NJD986607380 NJD986607380 KS-NJD986607380 KE- NJD986607380

MN- UPWO389242-OH MS- NJD986607380 MO- H-2083 NH-TNH-0211

TSDF SIGNATUR

NJ-50059 SW-18582 NM- NJD986607380 NY- JA-334 NV- UPWO389242-OH

NC- NJD986607380

OH- UPWO389242-OH OK- 3762 PA- AH 0420 RI-702 SC- NJD986607380 TX-41825

EQUIPMENT USED

TN- NJD986607380 UT- NJD986607380 VT- NJD986607380 VA- NJD9866073801 WV- UPWO389242-OH WI- 16148

DATE UNLOADED