Distribution Holder
Interim Remedial Measure (IRM) Summary Report

for the

Schenectady (Seneca Street) Site
Schenectady, New York

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1.0 INTRODUCTION

This document, herein referred to as the Interim Remedial Measure (IRM) Summary Report (IRM Report) for the Niagara Mohawk, A National Grid Company (NM NGrid) Schenectady (Seneca St.) Site (the Site), has been prepared by the Foster Wheeler Environmental Corporation (Foster Wheeler Environmental) on behalf of NM Ngrid. Preparation of this IRM Report is in response to and in accordance with the requirements set forth in the New York State Department of Environmental Conservation (NYSDEC) Order on Consent executed on December 7, 1992. The purpose of this IRM Report is to summarize the activities conducted at the Schenectady (Seneca St) St.) Site as they relate to the IRM.

The IRM was performed in accordance with the NYSDEC-approved IRM Work Plan dated June 5, 2001 as prepared by Foster Wheeler Environmental on behalf of NM NGrid, and the NYSDEC-approved Operations Plan dated September 7, 2001 as prepared by Earth Tech, Inc. (ET) on behalf of NM NGrid. The performance of this project involved a cooperative effort between NM NGrid (Owner), Foster Wheeler Environmental (Engineer), and ET (Contractor). Foster Wheeler Environmental prepared the IRM Work Plan, which included an Environmental Health & Safety Plan and engineering drawings and technical specifications for bidding purposes. Following award, ET prepared an Operations Plan. ET provided all labor, equipment, and materials to implement the IRM. Foster Wheeler Environmental provided all Health and Safety oversight, reviewed Contractor submittals, provided engineering design and Contractor oversight on behalf of NM NGrid, documented daily activities, and reviewed and signed all waste manifests as an agent of NM NGrid. NM NGrid provided mark-out of on-site utilities, performed public relations, and performed coordination with NYSDEC. All IRM activities were performed without a lost time incident.

1.1 PURPOSE OF IRM REMEDIAL ACTIVITIES

The purpose of the IRM remedial activities was:

- To remove non-aqueous phase liquid (NAPL) impacted source material from adjacent to and directly beneath a former manufactured gas distribution Holder ring wall and concrete pad;

- To remove NAPL-impacted Holder structures and cut and cap NAPL-impacted piping from the former Holder pad;
- To eliminate the migration of contaminants from NAPL-impacted locations near the former Holder; and
- To achieve NYSDEC Site Closure approval.

1.2 SITE BACKGROUND

A summary of the Schenectady (Seneca Street) Site historical and current operations and a description of the Site and the Site vicinity are provided below.

In particular, it should be noted that the Seneca Street Site was used only for the storage and distribution of manufactured gas. Manufactured gas plant (MGP) facilities were never installed at the Site, and gas was never manufactured at the Site.

1.2.1 Historical and Current Site Operations

Prior to 1930 (based on information obtained from the City Historic Center and on information recorded on a Deed between the Mica Insulator Company and the New York Power and Light Corporation dated March 3, 1930) the Site was owned by an electrical equipment manufacturer called the Mica Insulator Company and later known as the 3M Company. In 1930, the New York Power and Light Corporation purchased the property and constructed a manufactured gas distribution Holder at the Site. The Holder was approximately 266 feet high and was about 182 feet in diameter.

The capacity of the gas Holder was reported to be approximately 6 million cubic feet. Based on historical photographs and records, the Holder was constructed with no external supportive framework or structure, and there was no readily available near-surface water at the Site. Therefore, it is believed that the Holder was a waterless, tar-seal, piston-roof design. Typically, this type of Holder design would utilize a light gas-tar of moderate viscosity to maintain the gas seal around the piston roof. The tar would have been transported to the Site, most likely by tar tanker, and stored in a skimmer tank (Based on a New York Power and Light Corporation

Compressor Station Drawing dated March 1930, a tar pump house and a steel skimmer tank with a capacity of about 9,000 gallons were installed just to the south of the Holder at the Site). The tar would be conveyed from the skimmer tank, pumped up to the top of the Holder, and distributed around the periphery of the piston roof into the piston seal ring. Because the piston seal ring was designed to slide along the steel Holder walls as the piston moved up and down within the Holder, the ring could not be completely tar-tight. Tar would escape through the seal and would flow down along the walls to the bottom of the holder, and from there would be conveyed back to the skimmer tank and tar pump house. The method of conveyance could vary, but the typical re-circulation system was designed to be tight, because the tar was a valuable product and any tar lost from a system would have to be replaced.

At the Seneca Street Site, based upon observation during the IRM work, it was determined that the tar was conveyed from the Holder floor into a series of chambers (tar vaults) around the perimeter of the Holder. The tar was then apparently conveyed from the vaults through re-circulation pipes, additional tar was collected along the piping route from drip pots connected to the gas distribution piping, and the tar was passed through the skimmer tank and pumped back up to the top of the Holder for re-circulation.

Because the walls of a piston Holder were fixed, with only the piston roof designed to move up and down for gas pressure regulation as storage volumes varied, the base of the walls were fixed and could be welded to the Holder floor. The floor, in turn, could be installed over a near-surface or on-surface concrete pad, as was the case at the Site. Around the perimeter of the Holder, a foundation ring wall would typically be used to support the Holder walls, and would include piers with integrally-mounted anchor bolts that would lock the base of the walls in place during installation and subsequent operation.

At Seneca Street, the anchor bolts were found to have been mounted to the piers within over-sized steel sleeves. The sleeves are believed to have provided bolt location flexibility during installation, by providing some space within which the bolt locations could be shifted laterally to match up with as-built wall base anchoring locations as the walls were being installed.

The gas Holder operations were initiated at the Site in 1930, and between 1930 and 1949 a new building was installed to the southwest of the distribution holder. The building was installed to house a compressor room, which was 112 feet long and 33 feet wide, and included an electrical room and an office that was 45 feet long and 20 feet wide. Also between 1930 and 1949, a 12 foot long by 12 foot wide booster station was constructed at the Site to the southwest of the gas Holder.

In 1961, during the decommissioning of gas storage facilities at the Site, the tar pump house and other facilities supporting the Holder operations were removed, the Holder roof/walls/floor/elevator were removed, and the concrete Holder floor pad was removed. In 1967, the compressor building was renovated into a crew facility truck garage. In 1973, a utility training center was constructed adjacent to the booster station and enclosed by a ten-foot chain link fence, and a large garage building was constructed to the east of the former distribution holder. At present the Site is utilized as a crew facility for natural gas and electrical distribution services, and as an electrical distribution training center.

1.2.2 Description of Site and Surrounding Areas

The Site is located at 308 Seneca Street in the City of Schenectady, Schenectady County, New York. It is situated in a residential/heavy industrial section of the City, approximately 800 feet from the Mohawk River.

Based upon examination of 1930 Sanborn maps, during the early gas Holder operations the Kellam and Shaffer Company was located to the west of the gas Holder across the Delaware and Hudson (D&H) railroad tracks. This Site had a stone mill, a stone cutting shed, and a contracting department that are shown on the maps. Two other companies, the Davis Lumber Company and E.P. Wilber Masonry Supplies, were located to the east and across the D&H railroad tracks from the Site. The Texas Corporation (Texaco) also had a petroleum bulk storage facility across Seneca Street and to the north of the Site.

At the present time, Yates School is located within a half mile east of the Site, and Ellis Hospital and Sunny view Orthopedic Center are both located within one-mile southeast of the Site. One park exists a half mile away to the southeast, and another park (Steinmetz Park) is located ¾ miles

away to the east. The Asphalt Stone Products facility is located approximately 400 feet north of the Site. The Town of Schenectady Highway Department is located east of the Site.

The Site is bound by Seneca Street to the north, railroad tracks along the southern and western sides, and a bike path on the eastern side. A chain-link fence encompasses the Site including the former distribution gas Holder area and the existing buildings. Servicing equipment is stored within the fenced area and includes piping, poles and electrical supplies. The ground surface across most of the Site is covered with gravel, building foundations, or asphalt.

1.3 ORGANIZATION OF THE REMEDIAL ACTION SUMMARY REPORT

The Introduction, Section 1.0, presents the purpose of the IRM Report and the IRM activities, provides background information, and provides a description of the Site and the Site surroundings. Remedial Activities, Section 2.0, presents a detailed summary of the remedial activities performed during the IRM. Chronology of Events, Section 3.0, provides a chronological summary of IRM tasks. Project Photo-documentation, Section 4.0, provides photo-documentation of the IRM Site operations. Supportive tables and figures are provided following the Report narrative, and daily field reports, non-hazardous waste manifests, post-excavation sampling results, and backfill delivery tickets are provided within appendices to the Report.

2.0 REMEDIAL ACTIVITIES

The following sections provide a summary of the IRM activities that took place at the Seneca Street Site. The IRM activity was initiated on October 16, 2001 and concluded on January 22, 2002, with exception to final Site grading and capping. Grading and capping were completed in December 2002.

2.1 MOBILIZATION/SITE PREPARATION

2.1.1 Pre-mobilization and Mobilization Activities

Prior to mobilization to the Site, ET submitted a Site Operations Plan dated September 7, 2001 for Foster Wheeler Environmental, NM NGrid, and NYSDEC review and approval. The Site Operations Plan was approved verbally by the NYSDEC in a telephone conversation with NM NGrid on September 18, 2001. ET contacted the Underground Facilities Protective Organization (UFPO) on October 15, 2001, and NM NGrid provided the locations of on-site natural gas mains and electrical lines.

Prior to mobilization, NM NGrid facility personnel relocated all of the equipment and materials that were in conflict with the planned IRM activities and placed them in a different part of the facility.

IRM lay-down and operating areas were selected to minimize impacts to active NM NGrid facility operations and to minimize facility access impacts. These lay-down areas for equipment, material, supplies and storage tanks were pre-approved by NM NGrid facilities personnel.

Upon mobilization, IRM access to the Site was through a security gate off Seneca Street. The security gate was left open during normal weekday operations to allow access for the high volume of NM NGrid service trucks and personnel attending classes at the training facility. However, access to the facility during weekends and outside of normal business hours required the installation of an extra lock provided by ET.

The Site temporary facilities included a storage trailer and portable toilets that were staged along the northeastern fence line immediately east of the main gate. Portable generators were brought to the Site to fulfill power requirements. Phone service was by individual cellular phone. Fax and copying support was made available by NM NGrid in the training building.

2.1.2 Site Preparation

The following sections describe the installation of erosion control measures, temporary construction fencing, decontamination pad construction, on-site liquid storage, and initial test pit excavation operations

2.1.2.1 Erosion Control

ET installed silt fence along the western and northern fence lines adjacent to the unpaved area. Silt fence was installed by hand excavating a small trench, and then adding soil with heavy equipment, to lock the silt fence in place. Due to the nature of the storm water runoff, no erosion control was installed around the excavation interior to the Site, in the paved areas. Plastic and reinforced tarps were utilized to limit the contact of storm water with disturbed/impacted soils by covering all soil piles in addition to open excavation areas.

2.1.2.2 Temporary Fencing

Orange high visibility fence was installed around the work zones (Exclusion zone or EZ), equipment decontamination area, and roll-off containers. Access to the work area was controlled to allow access only to personnel cleared for work in the designated work areas. When operations took place in the vicinity of the main gate of the facility, orange high visibility fence was frequently removed and relocated during daytime operations and reinstalled at night. During daytime operations, flagmen and cones were used to limit work area access by NM NGrid service vehicles and personal vehicles. At the conclusion of activities at night, open excavation areas were enclosed with the orange high visibility fence and non-IRM vehicle routes were marked with traffic cones.

2.1.2.3 Decontamination Pad

ET constructed a truck and heavy equipment decontamination pad approximately 100 feet to the southwest of the main gate on the edge of the paved area. The bermed decontamination pad was constructed with asphalt, and a sump was installed at the northeast corner for collection of the decontamination fluids.

By limiting the movement of heavy equipment from contaminated areas to clean areas, the decontamination pad use was also limited. Disposal trucks were loaded over clean plastic sheeting

to ensure collection of any dropped soil and to maintain the cleanliness of the truck tires. The tires were inspected before the trucks left the Site. The loading area/access roadway were regulatrly swept and cleaned. Heavy equipment buckets were generally decontaminated over roll-off containers to reduce handling time. Liquids collected in the decontamination pad sump were pumped to an on-site fractionization tank.

2.1.2.4 Frac Tanks

One 21,000-gallon Frac tank was placed in the work zone to the west of the garage building on the paved area. The tank provided storage for collected decontamination fluids, dewatering fluids, and stormwater runoff. The tank was periodically emptied by a vacuum truck and the non-hazardous contents were transported off-site to Industrial Oil Tank Services for recycling.

2.1.2.5 Test Pit Excavations

Prior to the test pit operations summarized in this report, a Preliminary Site Assessment (PSA) was performed to evaluate the soil and water conditions within the Site boundaries. As reported in the November 1998 Preliminary Site Assessment & Interim Remedial Measures Study for the Seneca Street Site, five soil borings were drilled at on-site locations between June 29 and July 2, 1998. The depths of the borings ranged from 6.5 feet to 30 ft below ground surface (bgs). Split spoons samples were collected continuously, and a dense, impermeable basal till formation was encountered at about 5 feet bgs. This basal till formation was found to extend from 5 feet bgs down through the entire sampled section to at least 30 feet bgs. No impacted materials were encountered within the till and the water table was not encountered. Based upon these findings, on July 1, 1998 after discussions with Mr. John Spellman of the NYSDEC, NM NGrid received NYSDEC approval not to install monitoring wells at the Site. After the PSA was completed, the initial scope of IRM work was developed.

The initial scope of IRM work was to excavate and properly dispose of shallow, NAPL impacted soils in the immediate vicinity of SB-3, and to perform test pits along the perimeter of the former distribution holder (ring wall) to evaluate potential NAPL impacts associated with the former Site gas Holder operations. The scope included the removal of NAPL impacted soils that were encountered, filling of possible data gaps, and facilitation of the Site closure.

Test pit excavation operations along the outside of the ring wall were conducted at the end of October 2001 and the locations are shown on Figure 2-1. Initially, six test pits were planned along the ring wall perimeter. Their purpose was to tie down the location of the ring wall and to evaluate the possibility that NAPL impacted materials were present. During the performance of the first three test pits, a NAPL impacted zone was encountered at a depth of about 1-foot bgs and it extended out from the ring wall the width of the test pit. During the performance of the next three test pits, this zone was again encountered from 1.5 feet to 3 feet bgs. Two additional test pits were then added. The depth of the NAPL impacted materials was consistently observed to be equal to the depth of the top of the ring wall and former concrete pad. This discovery led to a modification of the IRM scope of work and consequently to the discovery of deeper NAPL impacted materials.

During the excavation of NAPL impacted materials, nine additional test pits were performed to verify that the limits of the NAPL impacts were confined to the immediate vicinity of the former Holder. Three test pits were placed on the East side of the garage building, three test pits were placed on the west side and directly adjacent to the garage building, two test pits were placed between the main gate and Seneca street, and one test pit was dug on the west side of the temporary trailers (located just south of the garage building). The visual and olfactory observations suggested that no NAPL impacts had occurred at these locations, therefore the test pits were backfilled, and the locations and depths of the test pits were noted by the surveyor.

2.2 EXCAVATION AND DEMOLITION ACTIVITIES

The primary purpose of the IRM was to remove NAPL impacted materials and NAPL impacted Holder structures in order to achieve final Site closure approval from the NYSDEC.

Based upon the PSA findings, the initial IRM scope was very limited, and called only for the removal of NAPL impacted materials in the vicinity of SB-3 and for the performance of tests pits around the perimeter of the Holder ring wall. However, as the excavation took place in the vicinity of SB-3, and as the perimeter test pit findings became available, additional NAPL impacts were discovered. These impacts had occurred despite the fact that the Seneca Street Site was never used for gas manufacturing, and even though the gas distribution Holder was a piston design with a floor that should have been tight and sealed to the walls.

An evaluation of the additional discovery was performed relative to the historical gas Holder operations and Holder design. Because the gas Holder was a piston design and was tar-sealed, the design called for the re-circulation and re-use of tar that flowed through the piston ring seal and flowed down the interior of the Holder walls. Rather than being encouraged by design slope to flow along the Holder floor to a main collection point where it could have been conveyed directly back to the skimmer tank, the tar was routed to external collection vaults as discussed in Section 1.2.1 of this Report. From the external vaults the tar was conveyed through re-circulation piping around the perimeter of the Holder ring wall and back to the skimming tank and tar pump house.

During the excavation work, the re-circulation piping was typically found to be 4-inch steel with flanged joints, it was in poor condition, and the joints were typically leaking. Therefore, around the perimeter of the ring wall, a zone of impacted material associated primarily with the pipe leakage was discovered from the approximate top of ring wall down to the approximate bottom of the ring wall. If the tar had been more directly conveyed from the Holder floor back to the skimmer tank, or if the piping had been undisturbed cast iron, the re-circulation leakage and the extent of the related impacts would likely have been very minimal.

In addition, the anchor bolt sleeves that were previously described in Section 1.2.1 of this Report were found to have become conduits for NAPL seepage. The tops of the sleeves were apparently not well sealed off from the interior of the Holder floor, and the sleeves had been receiving NAPL from within the Holder floor. The NAPL was found to have penetrated the sleeves and to have moved out from the sleeves through cracks and pores in the concrete piers into the surrounding soils near the bottom of the ring wall and the bottom of the piers.

Because of the discovered NAPL impacts that were primarily traced to pipe and sleeve leakage, the scope of the IRM expanded, and eventually included the removal of significant quantities of NAPL impacted soils from around the perimeter of the ring wall, and the demolition and removal of large portions of the Holder ring wall and associated structures.

In addition to the excavation and demolition activities around and below the ring wall, it was necessary to perform dewatering in the excavation area, to manage soil and construction debris, to decommission two (2) drip pots and to backfill the excavation area.

The IRM activity were recorded by photography as set forth in Table 4-1 the Photograph Summary.

2.2.1 Excavation Activities

Following the initial test pit operations (October 15, 2002), excavation activities were initiated on October 31, 2001 and completed on January 22, 2002. The initial test pit operations conducted from October 15, 2002 to October 16, 20002 resulted in identification of impacted materials in the upper soil horizons. The subsequent excavation activity addressed the removal of impacted materials from the upper soil horizons. In addition, small pockets of impacted material were traced into deeper soil horizons at the end of October. The lower impacted soil horizons were found to be 10 to 12 feet bgs, and were assessed both visually and olfactory. These lower impacted soils were then excavated adjacent to the ring wall and piers until no further NAPL impacts were observed. At that time, soil samples were obtained from the sidewalls and base of the excavation at approximate 50-foot intervals, and were also obtained from more open excavation areas in cooperation with the NYSDEC representative on-site. Pre-excavation waste profile sampling was performed to provide information for direct loading and shipping of the non-hazardous materials to ESMI and to the High Acres Landfill without the need for further analysis or material handling. Soils with total PAH concentrations less than 1,500 ppm were shipped to ESMI of New York and to the High Acres Landfill, and soils with a total PAH concentration of 1,500 to 3,000 ppm were shipped to ESMI of New Hampshire. All of the shipped soils were non-hazardous.

During the excavation and soil removal work, the soils from the 0.5 to 1.0 feet bgs were found to be non-impacted and, where possible, were segregated for use as clean back fill. All of the impacted materials excavated from the top of the ring wall down were shipped as non-hazardous soil to off-site facilities. A total of 8,323.23 tons of soil were excavated from the areas adjacent to the ring wall and piers, directly loaded into dump trailers, and transported to off-site facilities. A total of 2,948.94 tons of soil were shipped to thermal treatment facilities (ESMI of New York and ESMI of New Hampshire), and 5,374.29 tons of soil were shipped to a NYSDEC approved landfill (High Acres Landfill).

Production reports were completed by ET and confirmed by Foster Wheeler Environmental's Oversight Engineer and the ET Project Manager on a daily basis. Copies of these daily reports were maintained in the project file.

The services of a New York State certified surveyor (Azimuth Cartographic Surveyors - ACS) were secured for the purpose of documenting the location, dimension and alignment of the excavation and the underground structures. The surveyor gathered data on alternating days in addition to being on call during periods of extensive or unusual activity. The Surveyor collected the information that is plotted on Figures included in this Report.

2.2.2 Demolition of the Ring Wall

Demolition of the concrete holder, ring wall, piers and associated appurtenances were performed simultaneous with the advancement of the excavation and removal of NAPL impacted soils. As the soil was removed from the area adjacent to the ring wall, a hammer hoe was utilized to demolish the concrete and steel structures. The holder wall was found to be poured concrete with ½ to ¾ inch rebar. The rebar was cut by hand with a demolition saw and placed in roll-off containers. The thickness of the ring wall was greater than 4-feet at the top of the wall and was found to decrease in thickness with increasing depth.

The multiple concrete piers (16 accessible) found attached to the ring wall were each approximately 13 feet deep by 4 feet wide by 1.5 feet thick. Dual anchor bolts were found to extend along the length of the piers and were found to be anchored into 10-foot by 8-foot foundation pads. The anchor bolts were joined together by riveted steel collars. Through the length of the piers, steel sleeves surrounded the anchor bolts. In most cases the interiors of the sleeves were NAPL impacted. The anchor bolts were removed by cutting them off with an Oxy-acetylene torch at approximately 1 to 2 feet below final grade. The anchor bolts, riveted collars and sleeves were decontaminated and placed into roll-off containers for disposal. Demolition of the piers required the removal of soils around the piers down to the top of the foundation or typically about 13 feet below ground surface. After excavation, the piers were broken up with the hammer hoe. NAPL impacted soil was observed along the piers where it had collected in small separation/fractures at concrete "cold joints" and in other cracked and porous areas. Due to the presence of NAPL within

the concrete cracks and around the piers, the pier structures were completely removed, down to the base of their foundations.

Once the demolition of the wall and/or structures was completed, the removed material was segregated and staged in a stockpile area. This allowed inspection and decontamination of the material prior to loading into roll-off containers. Large fragments of the ring wall and associated structure were re-sized (broken into smaller fragments) with the hammer hoe to meet the requirements set forth by the disposal facility. All clean construction debris including access roadway asphalt were transport to W. M. Biers and all slightly impacted construction debris was transported to High Acres Landfill for disposal. A total of 349.51 tons of construction debris was sent as a non-hazardous material to W.M.Biers. A total of 16.4 tons of slightly NAPL impacted construction debris was sent to High Acres Landfill as non-hazardous material. The tonnage for the asphalt repair and removal will be discussed in Section 2.5 Site Restoration and Demobilization.

Additional debris (i.e., tanks, rebar, small tools, etc.) identified during the removal of the ring wall, pier and associated structures was segregated from the soil and inspected and decontaminated. The total amount of non-concrete based debris tonnage was not calculated separately from the total tonnage of construction debris transported to W. M. Biers or High Acres Landfill.

Following the removal of the ring wall, piers and associated structures, the NAPL impacted soil immediately beneath and adjacent to it was removed based on mutual agreement with the NYSDEC on-site representative. The excavation operations were conducted in discrete sections to limit the sizes of open excavations and to control the amount of exposed soil and reduce any possible air emissions. Documentation sampling was performed in both the sidewalls and bottoms of the small and large excavation areas. The analytical information is summarized in the report section that describes post-excavation sampling (Section 2.4).

An on-site metal garage building was found to overlie the eastern 20% of the concrete ring wall. Due to concerns with safety and structural integrity, the excavation was advanced no closer to the garage than a 1:1 slope; i.e., the depth of excavation at 14 feet was halted 14 feet away from the garage and sloped on a 1-foot vertical for every 1-foot of horizontal excavation. Therefore, the portions of the ring wall and pier structure that were found beneath the garage were allowed to

remain in place, under institutional controls that are being established by NM NGrid. These institutional controls will establish a restrictive covenant similar to those typically utilized on other sites whose conditions are similar to those at Seneca Street. To mitigate the possibility of future NAPL impacted material migration, a sprayed on liner system, designed by Foster Wheeler Environmental and approved by the NYSDEC, was installed on the slope of the excavation. The liner system consisted of: 1) a layer of geo-textile fabric placed on the face of the slope from the surface level to the bottom of the excavation; 2) keying of fabric into the till layer with application of an impermeable epoxy material applied on the fabric at a thickness >80 mils; 3) another layer of fabric placed on top of this liner/fabric configuration with application of an additional >80 mil of epoxy liner on the second layer; and 4) approximately 70 cubic yards of flowable fill placed over the liner and against the adjoining backfilled areas, at a mix design to provide a minimum compressive strength of 50 psf and a maximum permeability of 0.00001 cm/sec.

2.2.3 Material Handling

Excavation and handling of the impacted soil required segregation of construction debris from the soil. Additionally, the concentration of NAPL varied in the soils from moderate to slight and required segregation into separate stockpiles. At the start, soil stockpiles were located at the north end of the unpaved area. As the excavation progressed, the location of the stockpile area was changed to provide the shortest travel distance between the stockpile are and the area of excavation. At each stockpile area, sheets of polyethylene were placed between the stockpile soils and the native soils to prevent cross-contamination. Vapor control during the excavation operations was provided by covering exposed soil piles with plastic during non-excavation activities and soaking the soils with Biosolve ™ solution to reduce odors during excavation activities. The polyethylene sheeting used to cover the soil stockpiles was also useful in controlling storm water run-off. Care was taken during the excavation operations to segregate NAPL impacted soils from clean materials to avoid co-mingling the soils, and segregated soil stockpiles were utilized.

2.2.4 Dewatering

Dewatering of the excavation area was performed intermittently from the first infiltration of perched groundwater/surface water on October 31, 2001 to the completion of excavation activities

on January 22, 2002. Dewatering of the excavation area required the installation of multiple extraction points to properly dewater the excavation during soil removal activities. In addition, engineering controls were utilized to minimize the amount of storm water runoff into the excavation areas.

Dewatering activities were focused on the removal of small amounts of perched groundwater infiltrating the excavation areas from behind the ring wall. In addition, dewatering was necessary following several severe rain events. The typical engineering controls applied on-site included: 1) covering the open excavations with tarps; and 2) using soil berms and hay bales to divert surface water runoff. Limiting the amount of open excavation area was a significant factor in reducing the storm water accumulation.

Due to the proximity of the Frac tank (northwest of the garage) which could not be moved around the Site, several hundred feet of discharge line was used to convey the water from the pump to the on-site tank. The discharge line was frequently laid across the access roadway and therefore a ramp was required to allow traffic to continue movement through the area. The discharge line was frequently assembled and disassembled according to the dewatering requirements for the day. A total of 23,439 gallons of water were extracted from the excavation areas.

2.2.5 Drip Pot Decommissioning

Two large diameter steel drip pots were unearthed during the excavation and soil removal adjacent to the ring wall. The two 1-inch thick steel cylinders were 4 feet in diameter and 10 feet in length. The contents of the drip pots included NAPL and some solids. The material from the first drip pot was removed by utilizing a vacuum truck and 6-flexible hose. This operation took several days and resulted in complete removal of the contents of the drip pot. Upon removal of the contents of the drip pot, the steel cylinder was then cut/disconnected from a 30-inch pipe passing through the ring wall. The 30-inch steel pipe was found attached to a riveted steel box, which day-lighted to ground piping that was previously removed.

The second drip pot was unearthed 150 feet southeast (moving counter clockwise from the first drip pot) along the ring wall. The construction of this drip pot was similar to that of the first drip pot. The removal of the contents, however, was performed by both machine and by hand digging the

contents. Both drip pots were placed in steel roll-off containers and properly disposed of at an off-site facility.

A 30" pipe with welded cap and plug at the north end was also identified during removal activities and was found to be associated with the presence of the second drip pot. The location of this pipe suggested its alignment passed beneath the existing brick maintenance garage. Due to the presence of natural gas lines and utilities on the south side of the maintenance garage, no test pits were performed to ascertain the extent of piping remaining in the ground. At the request of the NYSDEC, a sample of the contents of the pipe was collected for VOA (benzene) and PAH analysis. The surveyor from ACS measured the location, depth and alignment of this pipe for inclusion in the final site map.

2.2.6 Backfilling

Backfilling operations were performed following the removal of NAPL impacted material from the excavation areas. Backfilling operations occurred concurrently with the excavation activities to limit the amount of excavation open at any one time. Certified clean bank run sand fill was placed in the open excavation in 1-foot lifts and compacted with a 5-ton vibratory roller and with a plate compactor. The backfill was placed from the base of the excavation to within one foot of final grade. Following the backfill placement, a geo-textile fabric was placed over all areas of disturbance and an 8-inch to 1-foot thick layer of road base gravel was placed on the fabric and graded and compacted. The backfill material was laboratory tested for compaction characteristics, and the services of a geotechnical laboratory were secured. Field density tests were performed during the backfill placement and compaction to measure compaction levels and to document the adequacy of compaction.

Two portions of the excavation area were in high traffic zones at the NM NGrid facility. These portions, the front gate and the main access roadway, required immediate backfilling to maintain access to the facility. All of the work performed in these two areas was conducted on weekends and was completed with little or no impact to the facility operations. The certified clean material utilized for backfill within the asphalt access roadway was sand with a one-foot cap of road base gravel. A geo-textile fabric was placed on top of the bank run sand and the road base gravel was

placed on the fabric. A temporary asphalt cap was placed in these two areas to provide unfettered access and a solid traffic surface until final restoration could be completed.

2.3 WASTE MANAGEMENT

The following sub-sections summarize and describe the multiple waste streams generated on-site during the implementation of the IRM. The waste streams are as follows: non-hazardous soil, non-hazardous construction debris, non-hazardous wastewater, and non-hazardous sludge. The containers utilized for transportation of the various waste streams varied from a dump trailer to vacuum truck. All waste streams were manifested and sent to an approved and appropriate disposal facility.

Waste manifests were completed by ET and reviewed and approved by the Foster Wheeler Environmental oversight Engineer. Originals of the "generators copy" of the waste manifest were forwarded to NM NGrid waste coordination group for inclusion in the NM NGrid tracking system. Copies of the waste manifests were maintained in a project file, and are included in Appendix B of this report.

2.3.1 Non-hazardous Soil

Non-hazardous soil was generated from the removal of the soil in and around the ring wall, piers and associated structures. All non-hazardous soils removed from the excavation areas were either direct loaded into dump trailers, or temporarily stockpiled until dump trailers were available and transported to one of three disposal facilities off-site. The off-site disposal facilities were ESMI of NY, ESMI of NH, and High Acres Landfill. Soils with a PAH less than 1,500 ppm were shipped to ESMI of NY and High Acres Landfill, and soils with a PAH of 1,500 to 3,000 ppm were shipped to ESMI of NH. All soils were shipped as non-hazardous.

Soils from the top 6 inches to 1 foot in depth were removed and where possible were segregated on-site and reused as clean back fill material. The total amount of non-hazardous soil transported off-site, prior to final restoration activities, was 8,323.23 tons of soil. A total of 2,948.94 tons of soil were shipped to thermal treatment facilities (ESMI of NY and ESMI of NH), and 5,374.29 tons of soil was shipped to a landfill (High Acres Landfill).

2.3.2 Non-hazardous Construction Debris

Non-hazardous construction debris was generated from the demolition of the concrete ring wall, pier and associated structures. Additional construction debris was removed from areas adjacent to the ring wall (Drip pots, separation tank, piping, etc.). The additional material, outside the ring wall, included scrap steel, old abandoned Holder piping, and other non-Holder related garbage. Also, two large diameter (30-inch) abandoned pipes from historical Holder operations were discovered adjacent to the ring wall. Clean construction debris was inspected and loaded into roll-off containers and shipped to W.M. Biers located in Albany, N.Y. for recycling. The total amount of non-hazardous, non-impacted construction debris shipped offsite was 349.5 tons. A total of 16.4 tons of non-hazardous NAPL impacted construction debris was sent to High Acres Landfill.

Several tons of steel debris was removed during the excavation of soils and demolition of the ring wall. The scrap steel fragments, old piping, rebar and tank fragments were decontaminated and loaded into roll off containers for landfill disposal at either High Acres Landfill or W.M. Biers. The segregated steel was combined with the shipment of construction debris to the off-site disposal facilities.

2.3.3 Non-hazardous Wastewater

All groundwater and decontamination water collected during the excavation activities was pumped to the on-site Frac tank. The wastewater was sampled and a waste profile was established and approved by the disposal facility. The manifested, non-hazardous wastewater was then transported to Industrial Oil tank Services in Oriskany, NY by licensed 5,000-gallon transport tanker. The total amount of wastewater generated was 23,439 gallons.

2.3.4 Non-hazardous Sludge

Non-hazardous sludge from the decontamination of the Frac tank and from the drip pots was pumped and/or bailed into containers. The liquid portion of the sludge from the Frac tank was pumped off into a vacuum truck and shipped to Industrial Oil tank Services in Oriskany, NY. The heavy solid portion of the sludge was removed from the tanks and combined with dry soils to

stabilize the material. All sludge removed from the tanks was shipped off-site with the excavated soils and transported to ESMI of NY or to ESMI of NH for thermal treatment.

The Frac. tank was decontaminated with a high-pressure water spray. Upon completion of the decontamination of the tank, the vendor inspected the interior and approved it's removal from the Site. All activities associated with cleaning and inspecting of the Frac. tank were performed in accordance with Foster Wheeler Environmental confined space entry procedures.

2.4 POST EXCAVATION SAMPLING

Post excavation sampling was performed at the base and sidewalls of the excavation at approximately 50-foot intervals and in deeper or wider excavation areas. Following the removal of the ring wall, piers and associated structures, all NAPL impacted material was removed and placed in stockpiles. Post excavation samples were extracted from the base and sidewalls of the excavation. The analytical results are summarized on Tables 2-1 through 2-11 of this Report.

Samples were collected by utilizing a stainless steel sampling device. Locations of the samples were determined and agreed upon by the NYSDEC on-site representative and the Foster Wheeler Environmental oversight Engineer. Two (2) Containers were collected from each sample location, one (1) container for VOA and Total Benzene and one (1) for PAH compound. The samples were sealed, labeled, and a Chain of Custody (COC) completed. The samples were then packaged in a shipping container, preserved with ice, and shipped to the analytical laboratory, via overnight (Federal Express) courier, for standard turn around analysis.

The excavation areas were backfilled following the soil sample extraction but prior to receiving the analytical information from the laboratory. The information generated by the soil samples was used as documentation sampling for the purposes of Site Closure.

2.5 DEMOBILIZATION AND SITE RESTORATION

Following the completion of IRM activities and initial demobilization activities on January 22, 2002, all wastes generated from the IRM were disposed of in accordance with all applicable Federal, State, and local regulations at facilities previously approved by Niagara Mohawk and the NYSDEC. The excess soils from the excavation area were loaded into dump trailers and

transported to ESMI for disposal. The decontamination pad was disassembled and the materials dispose of with soils transported to ESMI. The disturbed areas received 1 to 2-inches of ¾-inch road base gravel following the completion of all IRM operations.

Some portions of the excavation area and other areas utilized for lay down or support were graded and left in original condition, and some portions received a layer of 1-inch graded stone over geotechnical fabric.

Asphalt damaged during the IRM was removed from the roadway, loaded into roll-off containers, and sent to High Acres Landfill. All residual trash and domestic trash were removed by the local Garbage Company, Waste Management.

Site restoration and demobilization activities have been or will be conducted.

The initial Site restoration activities were initiated in mid January. Severe weather and cold, frozen conditions resulted in the early shutdown of activities prior to completion of restoration activities. Heavy equipment, mobilized for performing the Site restoration activities, and remaining equipment associated with support and restoration activities were demobilized by the end of January, 2002.

Upon completion of re-grading activities, additional soils generated during the Site restoration activities from depths within 2 feet of the ground surface were direct loaded into dump trailers and shipped to ESMI.

The final site restoration activities were conducted in the Fall 2002. Final Site restoration included surveying of the IRM area for the purpose of establishing the existing topography and confirming Metes and Bounds. The survey data was utilized to perform a final pavement grading design (see Figure 2-3, Grading/Capping Plan), stormwater runoff calculations, and stormwater management and erosion control design. The unpaved portions of the IRM Site area that were already covered with fabric and crushed stone were stripped, final graded and proof-rolled. The unpaved areas that were not covered with stone were final graded, and proof-rolled. Areas where temporary pavement had been placed, or where existing pavement impeded the re-grading effort, were marked out. The boundaries of these areas were saw-cut, the existing asphalt was removed, and the areas were final

graded and proof-rolled. All of the proof-rolled areas were then covered with geo-technical fabric, crushed stone sub-base was placed over the fabric to bottom of final pavement grade, and the sub-base was compacted. A minimum 3-inch, high strength asphalt concrete binder course was then installed over the sub-base as a cap for the entire IRM Site area. At this time, the IRM capping is complete, with facility maintenance and minor improvements planned for 2003. Within one year, final inspection will be performed, punch-list items will be addressed, and any debris and excess materials will be removed from the site.

2.6 IRM SUMMARY AND CONCLUSIONS

The initial goal of the IRM in October 2001 was to install (6) test pits, excavate and remove a minor amount of impacted soil in the vicinity of SB-03 and place an asphalt cap over the northern portion of the Site. This initial scope of work was proposed to NYSDEC and was scheduled for completion in early October. However, as impacted material and impacted structures were discovered, the IRM scope increased and the project completion schedule extended into 2002.

The purpose and scope of the IRM, as a result of discovery, was modified to include the removal of NAPL impacted structures and NAPL impacted soils in order to obtain final Site closure approval from the NYSDEC. The additional excavation and demolition activities adjacent to and beneath the ring wall consisted of removal of NAPL impacted soils, and demolition of the NAPL impacted portions of the ring wall and associated structures. In addition to the excavation and demolition activities around and below the ring wall, dewatering of the excavation area, handling the soil and construction debris, decommissioning of two (2) drip pots and backfilling of the excavation area were necessary to complete the IRM activities.

A total of 8,323.23 tons of soil were excavated from the areas adjacent to the ring wall and piers, directly loaded into dump trailers, and transported to off-site facilities. A total of 2,948.94 tons of soil were shipped to thermal treatment facilities (ESMI of New York and ESMI of New Hampshire), and 5,374.29 tons of soil was shipped to a NYSDEC approved landfill (High Acres Landfill).

Demolition of the wall and/or structures associated with the former Holder facility was conducted simultaneously with the soil removal operations. The demolition debris was segregated and staged

in discrete stockpiles on-site. This allowed inspection and decontamination of the material prior to loading into roll-off containers. Large fragments of the ring wall and associated structure were resized (broken into smaller fragments) with the hammer hoe to meet the requirements set forth by the disposal facility. A total of 349.51 tons of construction debris was sent as a non-hazardous material to W.M.Biers. A total of 16.4 tons of NAPL impacted construction debris was sent to High Acres Landfill as non-hazardous material.

The on-site metal garage building overlies the eastern 20% of the concrete ring wall. Due to structural integrity concerns, excavation was advanced no closer to the Building than a 1:1 slope; i.e., the depth of excavation at 14 feet was halted 14 feet away from the garage and sloped on a 1-foot vertical for every 1-foot of horizontal excavation. This resulted in the ring wall and pier structure remaining in place under the garage. To mitigate the possibility of future impacted material migration, a sprayed on liner system, designed by Foster Wheeler Environmental and approved by the NYSDEC, was installed on the slope of the excavation. Multiple test pits ((9) nine) were installed around the garage to evaluate the presence of NAPL impacted materials adjacent to the building. No impacted material was observed directly adjacent to the building in any of the test pits.

The primary purpose of this IRM was to address NAPL impacts from the former Holder operations and to obtain final closure approval from the NYSDEC.

NAPL impacts were successfully addressed during the IRM, and the PSA results had previously demonstrated that there was no exposure pathway to groundwater due to presence of a dense, impermeable basal till formation that was found to extend from 5 feet bgs to at least 30 feet bgs. The water table was not encountered within 30 feet bgs. Accessible NAPL impacted soils and Holder ring wall and associated structures have been removed. Inaccessible piping, minor structures and materials have been capped and/or encapsulated to prevent subsurface migration of residual NAPL impacted materials. Therefore, it is believed that no further remedial action is necessary.

Final restoration of the Site was performed during the Fall 2002, when a cap was installed over the entire area of disturbance above the former Holder area, surrounding structures, and removal areas.

3.0 CHRONOLOGY OF EVENTS

The remedial activities at the Schenectady (Seneca Street) Site were performed between October 2001 and January 2002. Site restoration activities will be completed in December 2002. A summary of the daily events are listed below:

Date	Item Description
October 12, 2001	• Locator service marks out underground utilities.
October 15, 2001	• Mobilizes small equipment, roll-off containers, and personnel to the Site. • Initiate cutting of asphalt areas in preparation for test pitting operations. • Initiate test pitting.
October 16, 2001	• Continue testpit excavation operations. Discover consistent layer of contamination approximately 1 foot below ground surface. • Excavate additional test pits to the operation to confirm soil impacts at the same horizon.
October 17 to19, 2001	• Complete test pit excavation operations and soil sample extraction. Backfill all test pits and compact the material. • Demobilize small equipment and personnel from the Site await remobilization and reconfiguration of the program to encompass the new zone of impacted soils discovered in the test pits.
October 31, 2001	• Remobilize equipment and personnel to address the modifed IRM field program. • Initiate installation of silt fence along the fence perimeter.

	• Initiate exploratory excavation adjacent to the ring wall near the front gate at the edge of the unpaved area.
November 1, 2001	• Excavate and remove soils from adjacent to the ring wall following the ring wall toward the interior of the Site. Removal of soils next to the ring wall is deeper than originally expected. Excavation width 10 to 12 feet. • Mobilize additional roll-off containers in preparation of extra impacted soil. • Install multiple sumps for dewatering in the excavation areas to remove the perched water running in from cracks in the ring wall.
November 2, 2001	• Extend excavation interior to the Site approximately 185 arc feet along the ring wall. Discovery the top of the first drip pot and observe impacted material and dripping NAPL from below the ring wall. • Discover 2 .5 to 3-inch steel pipe running parallel to the ring wall DNAL dripping from the pipe.
November 5, 2001	• Receive lead analytical data from the roll-off container samples. Submit information to ESMI.
November 6, 2001	• Perform coring operations through the concrete pad at designated locations around the pad. • Remove soils around the drip pot area. Initiate preparation of a ramp for access of the vacuum truck
November 7 to 9, 2001	• Initiate and complete removal of the contents of the drip pot. Remove the over burden from the concrete pad. Expose multiple penetrations through the pad. Place the contents of the drip pot in a separate area and stabilize the material.

	• Saw cut the asphalt roadway in 4 areas in preparation for test pitting through the concrete pad.
November 12, 2001	• Break through the concrete pad in four areas, with the hammer hoe, to characterize the soil beneath the pad. The soil at the 4 locations had no visible impacts, await the arrival of NYSDEC representative prior to soil sample extraction. • Evaluate the pump house and small diameter piping associated with the 30 pipe and drip pot as well as the riveted steel box. • The 12-inch diameter pipe associated with the 30-inch pipe has a dresser coupling on the end of it however that dresser coupling is leaking liquid. The liquid is contained in the excavation and pumped to the Frac. tank.
November 14, 2001	• Initiate load out 6 truckloads of non-hazardous soil to ESMI of New York. • Repair the dresser coupling on the 12 pipe. Extract a water sample from the liquid escaping the pipe. • Receive an inspection from the NYSDEC, NM NGRIG project Manager and Foster Wheeler Environmental project management.
November 15, 2001	• Initiate hammering and demolition of the ring wall. • Extract soil samples from beneath the concrete pad from the 4 penetrations/test pits through the concrete pad.
November 16, 2001	• Perform simultaneous ring wall demolition and soil excavation activities. • Complete shipment of first round of non-hazardous soil to ESMI of

	New York.
November 19, 2001	• Evaluate construction and depth of the first pier. Initiate demolition of the pier and attempt removal of the anchor bolts. • Initiate load out of roll-off containers of construction debris to W.M. Biers.
November 20, 2001	• Extract first post excavation soil sample from the base of the excavation. • Initiate backfilling of the excavation area. • Receive multiple loads of certified clean backfill.
November 21, 2001	• Continue Load out of non-hazardous soil to ESMI of NY. • Prepare Site shut down for the Thanksgiving Holiday. • Place riveted steel box in roll-off container.
November 26, 2001	• Initiate load out of non-hazardous wastewater in tanker trucks to Industrial Oil Tank Services. • Continue excavation of soils and segregation of the construction debris from the ring wall.
November 27, 2001	• Complete excavation of soils in the Drip pot area. Extract (2) two soil samples from this oversized excavation. • Complete removal and hand excavation of MGP impacted soils from beneath the 12-inch diameter pipe associated with the drip pot.
November 28 to December 7, 2001	• Load out non-hazardous soil to ESMI of New York and High Acres Landfill. • Continue demolition of the Concrete ring wall and associated

	structures. • Continue excavation of soils adjacent to the ring wall and piers. Extract soil samples every 50 feet or as required by the NYSDEC. • Backfill and compact the open excavation areas following post excavation sampling. Compaction performed in one-foot lifts.
December 6, 2001	• Arrival of Licensed NY state surveyor to perform locating services and provide back up information for excavation volume calculations.
December 8 to18, 2001	• Continue excavation of soils from adjacent to the piers, ring wall and associated structures. Continue simultaneous demolition of the concrete structures. • Continue backfilling of the open excavation area to minimize open areas for collection of groundwater.
December 11, 2001	• Initiate dump trailer loads of construction debris to be transported to W.M. Biers in the Port of Albany. • Initiate transportation of non-hazardous soil to ESMI of New Hampshire.
December 18, 2001	• Move the doublewide trailers, which belong to the Niagara Mohawk, from the alignment of the excavation area. • Install two asphalt ramp areas to assist the movement of traffic, over the winter months, from the front gate area to the back of the facility. • Discover a second drip pot and 30-inch pipe in front of the brick service building. Excavate soils and initiate the removal of the contents of the drip pot.
December 19 to 21,	• Continue excavation of soils from adjacent to the ring wall and drip

2001	pot areas. Continue demolition of the concrete structures and segregation of the steel and concrete from the soils removed from the excavation. • Prepare the excavation areas for shut down over the Christmas Holidays. Receive delivery of crush and road stone in preparation for placement over the Holiday break.
December 26 to 28, 2001	• Return from holidays. Perform non-intrusive work activities only. • Place multiple loads of road sub base material in the unpaved area of the Site. Place Geotextile fabric and grade and compact road stone.
January 2 to 8, 2002	• Restart intrusive activity. Continue with segregation of soil and construction debris from the ring wall area. • Load out non-hazardous soil to off-site facilities and non-hazardous construction debris to W.M. Biers. • Continue simultaneous demolition of the ring wall and removal of the MGP impacted material form the excavation area. • Complete removal of the drip pot piping contents piping and all associated MGP impacted material
January 8, 2002	• Perform 3 test pits along the face of the "Butler" building. No impacted material was identified in the test pits.
January 9 to17, 2002	• Continue excavation and removal of MGP impacted material from adjacent to the ring wall and piers. • Continue load out of non-hazardous soil and construction debris to off-site facilities. • Continue backfilling and compaction of the excavation areas with

	certified clean fill. • Prepare the slope and excavation areas adjacent to the "Butler" building for installation of flowable fill and liner. Perform test pitting at the front gate area along Seneca Street on January 17, 2002.
January 19, 2001	• Initiate and complete the liner installation in the excavation area adjacent to the "Butler" building. Perform punch list items prior to shut down activities.
January 21, 2001	• Hold meeting on-site with Niagara Mohawk project management Foster Wheeler Project management and NYSDEC representatives, and Earth Tech project management. Discuss temporary Site shut down until spring restoration activities. • Initiate decontamination and thawing of multiple Frac. tanks.
January 22, 2001	• Site shut down until the spring thaw. Site secured.
September 12, 2002	• Receive site survey plan from C.T. Male Associates, Inc. and begin final site grading/capping design.
September 30, 2003	• Complete grading/capping design and provide the design to ET for final restoration in the Fall 2002.
December 6, 2002	• ET completed final site restoration including re-grading, subgrade preparation, and installation of 3-inch asphalt concrete cap.
February 11, 2003	• NM NGrid provided IRM Summary Report to NYSDEC and to the project repository.
Pending in 2003	• Perform any needed maintenance/repair items, complete debris removal, complete minor paving items, and address punch list items.
Pending in 2003	• Project closeout meeting with NM NGrid, ET, and FWENC.

4.0 PROJECT PHOTODOCUMENTATION

4.1 PHOTOGRAPH SUMMARY TABLE

The interim remedial activities for the Schenectady (Seneca Street) was performed and photo documentation is provided in this section below. The actual Site photographs are presented in Appendix E of this Report.

NO.	Direction	Description	Date
1	Southwest	Start of test pitting at northwest end of the Niagara Mohawk facility's office trailer.	10/16/01
2	West	View of test pit area on western margin of former gas holder location.	10/16/01
3	Northeast	Test pit excavation near northwest end of the Niagara Mohawk facility's office trailer.	10/16/01
4	NA	MGP impacted material on sidewall of test pit.	10/16/01
5	Southwest	View of test pit area on western margin of former gas holder location.	10/17/01
6	Southeast	Backfilled test pit location near the north corner of the Butler building.	10/17/01
7	Northwest	Initiation of excavation activities on western margin of former holder structure.	10/31/01
8	South	Frac tank for containing dewatering liquids.	10/31/01
9	NA	Dewatering the excavation with a submersible pump.	10/31/01
10	East	View of unearthed, northern portion of the former ring wall structure. The tops of concrete piers are observed along the outer perimeter of the ring wall.	11/01/01
11	NA	Pocket of coal tar-type product observed during excavation.	11/05/01
12	NA	Coal tar-type product weeping from below the concrete ring wall on the sidewall of excavation.	11/06/01
13	NA	Using an 8-inch diameter core-drill to core through the concrete pad near front gate to evaluate soil quality below the pad.	11/06/01

14	NA	7 to 8-inch thick concrete pad on interior perimeter of ring wall structure.	11/06/01
15	Southwest	Preparing to vacuum out the contents of the drip pot located outside the northwest ring wall edge. Vacuum hose from truck attaches to a knock-out moisture separator (55-gallon drum). A hose attached to the drum is placed into the drip pot to evacuate free-liquids. Upon filling, the drum is closed and another drum is placed in-line to accept additional liquids.	11/07/01
16	NA	Rectangular Steel Box located adjacent to drip pot on outside of northwest perimeter of ring wall. Top has been opened with a hammer hoe, exposing the fill materials contained within.	11/09/01
17	NA	Interior of drip pot during removal of free liquids.	11/09/01
18	NA	Drip pot and miscellaneous piping. Free liquid weeping from backfill of 30-inch diameter pipe and from other pipe ends, accumulating at base of drip pot.	11/12/01
19	NA	7 to 8-inch thick Concrete pad located along the inside perimeter of the ring wall.	11/13/01
20	NA	Reducing bushing connecting the 12-inch diameter piping (left) to the 30-inch diameter pipe attached to drip pot.	11/14/01
21	Northeast	Loading excavated soil into dump trailer for transport to disposal/destruction facility.	11/15/01
22	Southeast	Using track excavator to remove steel box from concrete vault on west perimeter of ring wall.	11/15/01
23	East	Using hammer hoe to break up ring wall structure and track excavator to remove broken up debris from the excavation.	11/16/01
24	Southwest	View of the unearthed, north perimeter of the ring wall during excavation/demolition.	11/21/01
25	East	View of north perimeter of the ring wall prior to demolition. Photograph depicts one of the ring wall structure's piers (foreground right) and a concrete	11/17/01

		vault housing a steel box (foreground left).	
26	East	View of the north perimeter of the ring wall following demolition. Ring wall and concrete vault have been demolished, leaving the pier in place (for future demolition and removal) and exposing the steel box.	11/17/01
27	South	Compaction of backfill material along the western perimeter of the former ring wall. The steel anchor bolts were left in place after removal of concrete piers. Indication of MGP impact was not observed on the pier directly behind the compactor/operator and the pier was left in place.	11/20/01
28	East	Transferring the contents of the Frac tank to a tank truck for transportation and proper disposal.	11/21/01
29	NA	MGP type product weeping from backfill materials surrounding a 12-inch diameter pipe.	11/26/01
30	South	Rolling compaction of backfill on western perimeter of former ring wall.	11/27/01
31	NA	Hand excavating MGP impacted material from the backfill around the 12-inch diameter pipe.	11/27/01
32	West	View of excavation activities along the western margin of the former ring wall structure.	12/14/01
33	NA	Coal tar-type product weeping from surface of concrete support pier.	12/04/01
34	NA	Using hammer hoe to demolish one of the support piers prior to its removal.	12/04/01
35	Southeast	Unearthed second drip pot and associated steel box located between the garage and the "Butler" building/Niagara Mohawk facility office trailer.	01/02/021
36	South	Excavation around a pier located near north end of "Butler" building.	12/17/01
37	East	Geo-textile fabric spread over area to be graded and paved.	01/02/02
38	Northwest	View of drip pot located between the garage and the "Butler" building. MGP impacted material is	01/02/02

		present in the vicinity of the drip pot.	
39	NA	Sealed piping and a thin horizon of MGP impacted material in the vicinity of the drip pot located between the "Butler" building and the garage.	01/03/02
40	West	Steam cleaning decontamination of heavy equipment after remedial action.	01/14/02
41	Southeast	Test pit on south side of main gate, outside of fenced perimeter of Niagara Mohawk facility.	01/17/02
42	Northwest	Test pit on north side of main gate outside of fenced perimeter to Niagara Mohawk facility.	01/17/02
43	East	Geo-textile fabric capping MGP impacted soils underlying the southwest corner of the "Butler" building.	01/19/02
44	Southwest	Pouring flowable fill into the excavation at the north end of the "Butler" building, covering the geo-textile material capping MGP impacted material underlying the building at this location.	01/21/02
45	East	Excavation near the north end of the "Butler" building nearly filled with flowable fill.	01/21/02
46	South	Post remediation view of the north end of the "Butler" building.	01/22/02
47	Southeast	Post remediation view of the area between the Niagara Mohawk facility office trailer and the garage.	01/22/02
48	Northeast	Post remediation view from the garage toward the front gate of the facility.	01/22/02
49	East	Post remediation view from the garage toward the "Butler" building.	01/22/02
50	North	Post remediation view from the garage toward the north corner of the facility.	01/22/02
51	Southwest	Post remediation view from near the front gate toward the garage building.	01/22/02
52	South	Post remediation view from near the front gate toward the Niagara Mohawk facility office trailer.	01/22/02

53	West	Post remediation view to the west across the Site.	01/22/02
54	Northwest	Post remediation view to the northwest across the Site.	01/22/02

NA – Not Applicable

APPENDIX A

DAILY FIELD REPORTS

APPENDIX A – DAILY FIELD REPORTS

The IRM activities for the Schenectady (Seneca Street) Site were performed over a 4 month period (October 2001 to January 2002 and May 2002). Below is a summary of daily IRM field activities.

Date: Wednesday, October 31, 2001

Weather:	Overcast, intermittent rain showers; Low 34 degrees, High 42 degrees
Personnel On-site:	Earth Tech (3), Foster Wheeler Environmental(1), NYSDEC(1)
Equipment On-site:	Kobelco SK 120 LC Backhoe, John Deere 544H Rubber tire Loader, generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, (1), Small tools.
Summary of Activities:	• Mobilize all above equipment and personnel to the Site. • Initiate installation of silt fence along the western boundary/fence line of the Site. • Position empty roll-off containers in strategic areas of the Site. • Initiate removal of the top clean layer of soil along the alignment of the excavation. • Initiate excavation of soil near the front gate and remove visually MGP impacted soils from 2-foot in depth to 3 to 4-foot in depth directly adjacent to the ring wall. As material is pulled away from the foundation ring or ring wall, water pours into the excavation from cracks in the cement ring. Client and PM notified of the observations. • Receive confirmation samples from Lab regarding total lead levels in soil ranging from 300 ppm to 500 ppm. Earth Tech instructs the Lab to run TCLP for lead. • Dewater the excavation area from a new sump area installed adjacent to the ring wall. • Cover soil piles and fence off the excavation areas.

Date: Thursday, November 01, 2001

Weather:	Partly cloudy; Low 43 degrees, High 63 degrees
Personnel On-site:	Earth Tech (3), Foster Wheeler Environmental(1), NYSDEC(1)
Equipment On-site:	Kobelco SK 120 LC Backhoe, John Deere 544H Rubber tire Loader, generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, (1) Ford 750 Short Bed Dump Truck, Small tools.
Summary of Activities:	• Continue removal of soil from the area adjacent to the ring wall excavation extending from the Site entrance to the interior. Remove soils from the excavation from 2 foot in depth to 3 to 4 feet in depth directly adjacent to the foundation ring. • Mobilize a short bed dump truck to the Site. • Remove all pockets of contamination from the upper soil horizon. • Discover a detached structure along the alignment of the excavation. Remove the contaminated soil horizon around the structure. • Continue dewatering the excavation area from a second sump area installed adjacent to the ring wall. Tar nodules and NAPL compound observed floating on the water. The contamination appears to be coming from the base of the ring wall. • Cover soil piles and fence off the excavation areas.

Date: Friday, November 02, 2001

Weather:	Partly cloudy; Low 52 degrees, High 65 degrees
Personnel On-site:	Earth Tech (3), Foster Wheeler Environmental(1), NYSDEC(1)
Equipment On-site:	Kobelco SK 120 LC Backhoe, John Deere 544H Rubber tire Loader, generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, (1) Ford 750 Short Bed Dump Truck, Small tools.
Summary of Activities:	• Continue excavation of soils extending the trench from the Site entrance to the Site interior. The total area excavated by the end of the day is 185 arc feet. Soil removal is focus on the visually MGP impacted materials from the upper soil horizon. • Continue removal of soils from the area adjacent to the ring wall excavation extending down to 4 to 5 feet below ground surface

	(bgs) in some areas. Contamination observed directly below the ring wall foundation. • Discover what appears to be the top of a tank 3 feet bgs. The tank appears to contain a substantial amount of liquid as well as a solid contamination in it. The area was backfilled and secured awaiting the arrival of a vacuum. truck to assist in removing the contents of the tank. • Excavation around the detached structure identified a 2.5 to 3 inch diameter pipe coming from the structure running parallel to the ring wall. As the pipe was uncovered it began to discharge its contents into the open excavation. The material was collected and pumped to the Frac. tank. • Dewater the excavation area from additional sump areas installed adjacent to the ring wall. • Cover soil piles and fence off the excavation areas.

Date: Monday, November 05, 2001

Weather:	Overcast, intermittent rain showers; Low 42 degrees, High 44 degrees
Personnel On-site:	Earth Tech (3), Foster Wheeler Environmental(1), NYSDEC(1)
Equipment On-site:	Kobelco SK 120 LC Backhoe, John Deere 544H Rubber tire Loader, generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, (1) Ford 750 Short Bed Dump Truck, Small tools.
Summary of Activities:	• Remove material from around the tank area and place into a roll-off. All free phase material segregated from the other soil removed from the excavation area. • Continue removal of soil from the area adjacent to the ring wall excavation extending down to (4) four to (5) five feet below ground surface. Contamination observed directly below the ring wall foundation. • Return to the beginning of the excavation near the front gate and remove soils from adjacent to the ring wall down to the base of the wall. Identify contamination at to locations 30 feet apart. Client and PM notified of the observations. • Receive TCLP lead data from the soil pile samples sent to Earth

	Tech's Lab. • Dewater the excavation area from a new sump area installed adjacent to the ring wall. • Cover soil piles and fence off the excavation areas.

Date: Tuesday, November 06, 2001

Weather:	Partly Sunny; Low 42 degrees, High 55 degrees
Personnel On-site:	Earth Tech (3), Foster Wheeler Environmental(1), NYSDEC(1)
Equipment On-site:	Kobelco SK 120 LC Backhoe, John Deere 544H Rubber tire Loader, generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, (1) Ford 750 Short Bed Dump Truck, Small tools, coring machine.
Summary of Activities:	• Remove soil from around the tank area. Discover a square structure, with a pump and generator inside, adjacent to the tank and a 30-inch steel pipe running from the tank directly into the ring wall under the concrete pad. • Soils adjacent to the tank were removed down to the base of the tank approximately 7.5 feet below ground surface. Free phase material was observed on some of the soils. • Backfill the tank excavation area with clean fill to provide a ramp and clean working area for the extraction of the contents of the tank. • Perform two 8-inch concrete core-drilling operations. One core hole was installed near the front gate and one was installed 50 feet south, along the base of the soil excavation stockpiles. Both cores were drilled through approximately 6 to 7 inches of concrete pad. Contamination was observed in the one core drilled closest to the front gate. • During setup for the third core hole concrete was evaluated and observed to be in pour structural condition. The excavator bucket penetrated and removed a portion of the concrete pad instead of coring the pad. The soils had only a slight odor no visible contamination was observed or detected. • Cover soil piles and fence off the excavation areas.

Date: Wednesday, November 07, 2001

Weather:	Partly Sunny; Low 50 degrees, High 55 degrees
Personnel On-site:	Earth Tech (3), Foster Wheeler Environmental(1), EPS(1), NYSDEC(3)
Equipment On-site:	Kobelco SK 120 LC Backhoe, John Deere 544H Rubber tire Loader, generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, (1) Ford 750 Short Bed Dump Truck, Small tools, coring machine, (1) Vac. Truck.
Summary of Activities:	• Complete removal of soil from around the tank area. • Complete backfilling the tank excavation area with clean fill for installation of a ramp. • Initiate Vac truck operations. Attempt evacuation of soil, debris and free phase liquid into the Vac. truck. • The 3-inch hose on the vacuum truck clogged frequently during the extraction of the tank contents, a larger line will be mobilized for tomorrow. Direct pumping into drums was attempted, however suction was not adequate and all materials had to be diverted straight into the vacuum tank. • Cover soil piles and fence off the excavation areas.

Date: Thursday, November 08, 2001

Weather:	Clear, Sunny; Low 38 degrees, High 49 degrees
Personnel On-site:	Earth Tech (3), Foster Wheeler Environmental(1), EPS(2), NYSDEC(3), Niagara Mohawk(1)
Equipment On-site:	Kobelco SK 120 LC Backhoe, John Deere 544H Rubber tire Loader, generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, (1) Ford 750 Short Bed Dump Truck, Small tools, coring machine, (1) Vac. Truck.
Summary of Activities:	• Initiate removal of the overburdan/clean soil from the concrete pad area. Observe several penetrations through the concrete pad. Hand auger 3 to 4 feet into two of the penetrations and find no contamination beneath the pad. • Initiate consolidation of soil stockpiles to clear area adjacent to

	tank area. • Continue Vac truck operations. Continue evacuation of soil, debris and free phase liquid into the Vac. truck utilizing a 6-inch diameter rigid pipe. • The 6-inch hose on the vacuum truck clogged less frequently during the extraction of the tank contents, however work stopped several times to adjust the line and clear large blockages of the tank line. • Cover soil piles and fence off the excavation areas.

Date: Friday, November 09, 2001

Weather:	Partly Cloudy to Partly Sunny; Low 41 degrees, High 48 degrees
Personnel On-site:	Earth Tech (3), Foster Wheeler Environmental(1), EPS(2), NYSDEC(1)
Equipment On-site:	Kobelco SK 120 LC Backhoe, John Deere 544H Rubber tire Loader, generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, (1) Ford 750 Short Bed Dump Truck, Small tools, coring machine, (1) Vac. Truck.
Summary of Activities:	• Complete removal of the overburden/clean soil from the concrete pad area. Observe a steel box adjacent to the tank area in the concrete pad. Identify the steel box is not fixed in place and is backfilled with clean material. Also remove the contents of a pit between the concrete ring wall and the steel box. The base of the pit is lined with steel; no identification has been attempted beneath the pit. • Complete consolidation of soil stockpiles. • Complete Va. truck operations. Complete of soil, debris and free phase liquid into the Va. truck utilizing a 6-inch diameter rigid pipe. Contents of the 30-inch pipe from the pump house side to the tank and from the concrete pad to the tank are pump in to the van truck. A portion of the 30 inch pipe running into the concrete pad could not be removed due to access difficulties. • Contents of the van truck is poured into a Bermuda area and mixed with dry clean soils to stabilize the material. • Saw cut four areas of the asphalt roadway and prepare for coring

	and/or saw cutting on Monday. Areas will be review for possible contamination or impacts beneath the pad. • Cover soil piles and fence off the excavation areas.

Date: Monday, November 12, 2001

Weather:	Mostly Sunny; Low 38 degrees, High 44 degrees.
Personnel On-site:	Earth Tech (3), Foster Wheeler Environmental(1).
Equipment On-site:	Kobelco SK 120 LC Backhoe, John Deere 544H Rubber tire Loader, generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, (1) Ford 750 Short Bed Dump Truck, Small tools, Hammer hoe attachment.
Summary of Activities:	• Saw cut the steel box and attempt to cut into the box to evaluate the contents. • Utilizing the Hammer hoe break up side wall of the pump house to evaluate the contents of the pump house. Several pipes running in and out of the pump house are identified. Free phase liquid flows out of the pump house and into the excavation area. • Place remaining PPE and 6 inch piping from the tank evacuation operation and deposit in a roll-off. • Four areas saw cut on Friday in the asphalt roadway was excavated and the concrete pad exposed. The Hammer hoe was utilized to break through the concrete pad and the soils were inspected for possible contamination or impacts beneath the pad. At all four locations no free phase was observed or heavily MGP impacted materials. Only minor impacts were observed and in discrete pockets. Clay/till was consistently observed directly beneath the concrete pad. • Evaluation of the contents of the steel structure beneath the steel box was performed by penetrating the steel with the hammer hoe. Free phase liquid was observed beneath the steel plate. • Cover soil piles and fence off the excavation areas.

Date: Tuesday, November 13, 2001

Weather:	Clear Sunny; Low 29 degrees, High 40 degrees.

Personnel On-site:	Earth Tech (3), Foster Wheeler Environmental (1), NYSDEC (1).
Equipment On-site:	Kobelco SK 120 LC Backhoe, John Deere 544H Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, (1) Ford 750 Short Bed Dump Truck, Small tools, Hammer hoe attachment.
Summary of Activities:	• Several pipes running in and out of the pump house were identified yesterday and removed today. Free phase liquids flow out of the pump house and associated piping into the open trench. The large 12-inch diameter pipe coming from the back of the pump house was cut and capped. However DNAPL or free phase material dripped out of both cut ends of the piping. • Water and DNAPL are collected in the open trench and as the liquid accumulated it was pumped to the Frac. tank. • Four areas saw cut on Friday in the asphalt roadway and excavated yesterday exposing the concrete pad, remained open for sampling. • Inspection by the NYSDEC and for PM inspection tomorrow. • Due to continued flow of liquid from the 12-inch diameter pipe, personnel will return over the nighttime to turn the pumps on to maintain the water level inside the trench. • Saw cut additional areas of the roadway in preparation for the removal of the ring wall foundation and upper lens of MGP impacted material • Consolidate and dress up soil stockpiles in preparation for load out tomorrow. • Cover soil piles and fence off the excavation areas.

Date: Wednesday, November 14, 2001

Weather:	Cloudy, light rain AM; Low 32 degrees, High 49 degrees.
Personnel On-site:	Niagara Mohawk (1), Earth Tech (3), Foster Wheeler Environmental(3), NYSDEC (2).
Equipment On-site:	Kobelco SK 120 LC Backhoe, John Deere 544H Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, (1) Ford 750 Short Bed Dump Truck, Small tools, Hammer hoe attachment.

Summary of Activities:	• Load out (6) truckloads of non-hazardous soil to ESMI. • The large 12-inch diameter pipe coming from the back of the pump house, capped from prior operations, required repair of the dresser coupling to stop the escape of liquid from the cap. Prior to repair of the pipe plug/dresser coupling, to stop the drip, a sample was collected of the liquid inside the pipe and sent to an off-site Laboratory for analysis. • Water and NAPL are collected in the open trench, and periodically pumped to the Frac, tank. • Receive inspection by Niagara Mohawk, NYSDEC, and Foster Wheeler Environmental management personnel of four areas saw cut in the asphalt roadway and excavated on Monday exposing the concrete pad. The four areas will be sampled tomorrow and analyzed for BETX and PAH compounds. • Consolidate and dress up soil stockpiles in preparation for load out tomorrow. • Cover soil piles and fence off the excavation areas.

Date: Thursday, November 15, 2001

Weather:	Cloudy (AM), Sunny (PM); Low 41 degrees, High 61 degrees.
Personnel On-site:	Earth Tech (3), Foster Wheeler Environmental (1).
Equipment On-site:	Kobelco SK 120 LC (Switch to Hammer) Hammer hoe, John Deere 544H Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, (1) Ford 750 Short Bed Dump Truck, Small tools, Hammer hoe attachment, Kobelco SK 200 LC Backhoe.
Summary of Activities:	• Load out (6) truckloads of non-hazardous soil to ESMI. • Initiate hammering and break up of the ring wall. • Remove the steel square box from the vault area. • Water and NAPL are collected in the open trench, and periodically pumped to the Frac, tank. • Four areas saw cut in the asphalt roadway and excavated on Monday exposing the concrete pad and soils beneath the pad are sampled and sent to an off-site Laboratory and analyzed for BETX

	and PAH compounds. • Consolidate and dress up all soil stockpiles moving out of the alignment of the ring wall and soil excavation area. • Initiate soil excavation adjacent to the ring wall near the front gate. • Cover soil piles and fence off the excavation areas.

Date: Friday, November 16, 2001

Weather:	Party Sunny; Low 49 degrees, High 66 degrees.
Personnel On-site:	Earth Tech (3),USC (2), Foster Wheeler Environmental(1), NYSDEC (1).
Equipment On-site:	Kobelco SK 120 LC (Switch to Hammer) Hammer hoe, John Deere 544H Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, (1) Ford 750 Short Bed Dump Truck, Small tools, Hammer hoe attachment, Kobelco SK 200 LC Backhoe.
Summary of Activities:	• Load out (3) truckloads of non-hazardous soil to ESMI. • Continue hammering and break up of the ring wall. Hammer and break up wall surrounding steel lined structure outside of the ring wall. • Water and NAPL are collected in the open trench, and periodically pumped to the Frac, tank. • Four areas saw cut in the asphalt roadway were backfilled and compacted to road grade. • Last load of soil shipped off site for the first phase soil removal. Consolidate and dress up all soil stockpiles, move all stockpiles out of the alignment of the ring wall and soil excavation area. Start adding soil from excavation directly adjacent to the ring wall to the stock piles. • Initiate simultaneous hammering of the ring wall and excavation of material adjacent to the ring wall. • Find a substitute engineer for Foster Wheeler Environmental oversight of the operations for Saturday. Operations will be restricted to hammering of the ring wall/inner band of concrete and stockpiling of the construction debris.

	• Cover soil piles and fence off the excavation areas.

Date: Saturday, November 17, 2001

Weather:	Sunny; Low 49 degrees, High 64 degrees.
Personnel On-site:	Earth Tech (3), USC (2), Foster Wheeler Environmental (1).
Equipment On-site:	Kobelco SK 120 LC (Switch to Hammer) Hammer hoe, John Deere 544H Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, (1) Ford 750 Short Bed Dump Truck, Small tools, Hammer hoe attachment, Kobelco SK 200 LC Backhoe.
Summary of Activities:	• Continue hammering and break up of the ring wall. Hammer and break up wall surrounding steel lined structure outside of the ring wall. Remove steel tank portion from two exposed structures. • Operations will be restricted to hammering of the ring wall/inner band of concrete and stockpiling of the construction debris. • Break out square pier to a depth of 8 feet below ground surface, attempt removal of steel rods. Contamination identified along the concrete face of the pier. Additional removal of soils and base of the pier or anchor will be excavated on Monday. Load and segregate steel re-bar from the concrete ring wall into a separate roll-off. • Cover soil piles and fence off the excavation areas.

Date: Monday, November 19, 2001

Weather:	Party Sunny; Low 36 degrees, High 50 degrees.
Personnel On-site:	Earth Tech (3), Foster Wheeler Environmental(1), NYSDEC (1).
Equipment On-site:	Kobelco SK 120 LC (Switch to Hammer) Hammer hoe, John Deere 544H Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, (1) Ford 750 Short Bed Dump Truck, Small tools, Hammer hoe attachment, Kobelco SK 200 LC Backhoe.
Summary of Activities:	• Ram hoe broken on Saturday, pin replace at 1515 today. • Excavate soils from around the concrete pier to evaluate soil conditions in this area. Excavation depth extended to the top of the

	concrete base/anchor for the steel rod and pier. Approximate depth 12 feet below ground surface. Remove minor amounts of MGP impacted material and small pockets from the side wall of the open excavation. • Attempt to remove steel rods from the concrete anchor. Concrete anchor approximately 8 feet by 8 feet square. No further excavation is done in this area, minor amounts of MGP impacted material has no possibility of migrating to other areas. NYSDEC representative approves the termination of the excavation at the top of the concrete anchor/base. • Load out (1) roll-off of construction debris to W.M. Biers for recycling. • Cover soil piles and fence off the excavation areas.

Date: Tuesday, November 20, 2001

Weather:	Party Sunny; Low 34 degrees, High 40 degrees.
Personnel On-site:	Earth Tech (1), USC (3), Foster Wheeler Environmental(3), NYSDEC (1).
Equipment On-site:	Kobelco SK 120 LC (Switch to Hammer) Hammer hoe, John Deere 544H Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, (1) Ford 750 Short Bed Dump Truck, Small tools, Hammer hoe attachment, Kobelco SK 200 LC Backhoe, 5 ton roller, plate compactor.
Summary of Activities:	• Ram hoe broken on Saturday, pin replace at 1515 today. • Excavate soils from around the concrete pier to evaluate soil conditions in this area. Excavation depth extended to the top of the concrete base/anchor for the steel rod and pier. Approximate depth 12 feet below ground surface. Remove minor amounts of MGP impacted material and small pockets from the side wall of the open excavation. • Receive multiple loads of back fill. • Remove MGP impacted material and steel tank piping and other construction debris from the drip pot area. All debris deposited in the steel roll-off on-site. • Remove steel vault/valve boxes from the excavation area and

	deposit in a roll-off. Steel will require decontamination prior to shipment to a recycling facility. • Initiate backfilling of the excavation area adjacent to the asphalt area and working towards the drip pot area. Backfill in one-foot lifts. Utilize a walk behind plate compactor between (1) one-foot lifts. • Dewater the excavation prior to removal of soils adjacent to the second pier. • Extract first soil sample from the base of the excavation area 25 feet from the drip pot area. • General house keeping, cover soil piles and fence off the excavation areas.

Date: Wednesday, November 21, 2001

Weather:	Party Sunny; Low 34 degrees, High 47 degrees.
Personnel On-site:	Earth Tech (1), USC (3), Foster Wheeler Environmental(3), NYSDEC (1).
Equipment On-site:	Kobelco SK 120 LC (Switch to Hammer) Hammer hoe, John Deere 544H Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, (1) Ford 750 Short Bed Dump Truck, Small tools, Hammer hoe attachment, Kobelco SK 200 LC Backhoe, 5 ton roller, plate compactor.
Summary of Activities:	• Ram hoe/hammer hoe completes break out of all exposed ring wall areas and associated structures. • Load out 5 trucks of non-hazardous soil, to ESMI. • Excavate soils from the excavation area; remove small pockets of MGP impacted material in the initial part of the excavation area. Excavation effort concentrated to the area directly beneath the ring wall adjacent to the pier where necessary. • Remove steel vault/valve boxes from the excavation area and deposit in a roll-off. Steel will require decontamination prior to shipment to a recycling facility. Roll-off was covered with plastic. • Continue backfilling of the excavation area adjacent to the asphalt area and working towards the drip pot area. Backfill in one foot

	lifts. Utilize a walk behind plate compactor between one-foot lifts. • Dewater the excavation prior to removal of soils adjacent to the Drip pot area. • Ship to an off-site Laboratory first soil sample from the base of the excavation area 25 feet from the drip pot area. • General house keeping covers soil piles and fence off the excavation areas. In addition to the soil piles covered, due to the long Holiday weekend, all open excavation was covered with reinforced tarping.

Date: Monday, November 26, 2001

Weather:	Party Sunny; Low 40 degrees, High 50 degrees.
Personnel On-site:	Earth Tech (3), USC (3), Foster Wheeler Environmental(1), NYSDEC (1).
Equipment On-site:	Kobelco SK 120 LC (Switch to Hammer) Hammer hoe, John Deere 544H Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, (1) Ford 750 Short Bed Dump Truck, Small tools, Hammer hoe attachment, Kobelco SK 200 LC Backhoe, 5 ton roller, plate compactor.
Summary of Activities:	• Hammer hoe attachment switched to excavator bucket to provide additional excavation capabilities. • Load out (2) tanker trucks of non-hazardous waste water to IOTS on Wednesday of last week (November 21). • Continue excavate of soils from the trench area; remove small pockets of MGP impacted material in the initial part of the excavation area. Excavation effort concentrated to the area directly beneath the ring wall adjacent to the pier where necessary. • Extend excavation area adjacent to the 12-inch pipe, investigate and identify contamination beneath the pipe. Further investigation of the pipe will need to be post-poned following the completion of excavation activities in that area of the site, as well as, removal of the construction debris stockpiled nearby. • Move the soil piles from an area adjacent to the excavation area and add to the soil stockpile area adjacent to the asphalt access roadway in preparation for load out to ESMI. During re-staging of

	the soil piles Biosolve ™ was utilized to control the odors. • Remove steel pipe from the vault area, associated with the Drip pot, and place in a roll-off container. The interior of the pipe will require decontamination prior to shipment to an off-site facility. All construction debris was segregated and removed from this area and staged in the construction debris stockpile on-site. • Continue backfilling of the excavation area adjacent to the asphalt area and working towards the drip pot area. Backfill in one foot lifts. Utilize a walk behind plate compactor between one-foot lifts. • Dewater the excavation areas covered with tarps. Pump the surface water runoff from the tarps away from the excavation area. • General house keeping covers soil piles and fence off the excavation areas. In addition to the soil piles covered, all open excavation were covered with reinforced tarping.

Date: Tuesday, November 27, 2001

Weather:	Cloudy; Low 40 degrees, High 55 degrees.
Personnel On-site:	Earth Tech (3), USC (3), Foster Wheeler Environmental(2), NYSDEC (1).
Equipment On-site:	Kobelco SK 120 LC (Switch to Hammer) Hammer hoe, John Deere 544H Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, (1) Ford 750 Short Bed Dump Truck, Small tools, Hammer hoe attachment, Kobelco SK 200 LC Backhoe, 5 ton roller, plate compactor, JCB Rubber tire Hoe/loader.
Summary of Activities:	• Utilize new piece of equipment, JCB Hoe/loader, to move clean backfill from the stockpile area to the excavation area. • Complete excavation of soils from the drip pot area; remove small pockets of MGP impacted material and clean up all residual debris from the trench area. Base of the excavation in this area bottomed out at 11.5 feet bgs Initiate removal of the vault contents and vault concrete walls. Excavate MGP impacted material from the area around the pier #3. • Analytical information was requested by the NYSDEC representative from the oversized excavation area associated with the drip pot and large diameter piping. Two samples were extracted from this area one side wall sample and one bottom

	sample. • Complete removal of soils beneath 12-inch pipe. Further investigation of the pipe will need to be post-poned following the completion of excavation activities in that area of the site, as well as, removal of the construction debris stockpiled nearby. • Biosolve™ was utilized to control the odors during soil stockpiling operations. • All construction debris was segregated and removed from the drip pot area and staged in the construction debris stockpile on-site. • Continue backfilling of the excavation area adjacent to the asphalt area and working towards the drip pot area. Backfill in one foot lifts. Utilize a walk behind plate compactor between one-foot lifts. • Excavation areas covered with tarping were smoothed/graded temporarily to promote runoff to one collection point. • A Site map will be updated on a daily basis and faxed to respective parties to provide a visual report of the progress in the excavation area and ring wall removal. • Pump off surface water collected on tarps over night. Pump the surface water runoff from the tarps away from the excavation area. • General house keeping covers soil piles and fence off the excavation areas. In addition to the soil piles covered, all open excavation were covered with reinforced tarping.

Date: Wednesday, November 28, 2001

Weather:	Cloudy; Low 41 degrees, High 50 degrees.
Personnel On-site:	Earth Tech (3), USC (3), Foster Wheeler Environmental(2), NYSDEC (1).
Equipment On-site:	Kobelco SK 120 LC (Switch to Hammer) Hammer hoe, John Deere 544H Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, (1) Ford 750 Short Bed Dump Truck, Small tools, Hammer hoe attachment, Kobelco SK 200 LC Backhoe, 5 ton roller, plate compactor, JCB Rubber tire Hoe/loader.

Summary of Activities:	• Morning safety briefing held at 0730 hrs • Excavated around pipe vault. No pipe exit found, assume elbow and riser existed here. • Applied Biosolve™ odor suppressant to stockpile and excavated areas. • Conference call with Mr. Stucker, Earth Tech, and Foster Wheeler Environmental to discuss transportation of MGP impacted soils. Soils will be sent to EMSI in Louden, New Hampshire, pending reactive sulfide analysis. • Constructed an asphalt decontamination pad on east side of excavation area. • Hammered out and removed pipe vault. Removed MGP impacted soils around pipe vault, to satisfaction of NYSDEC. • Hammered out and removed Pier #3. Removed MGP impacted soils around Pier #3, to satisfaction of NYSDEC. • Discussed securing the services of a licensed surveyor with Earth Tech. • Earth Tech advises that trucks will arrive at 0630 on November 29, 2001 to begin transportation to thermal facility in Louden, NH. • Suspected area of MGP impacted soils identified 25 feet east of pier #3. These soils will be examined and removed as needed when south stockpile is removed.

Date: Thursday, November 29, 2001

Weather:	Rain, Low 35 F, High 46 F.
Personnel On-site:	Earth Tech (3), OSC (3), Foster Wheeler Environmental(2), NYSDEC (1).
Equipment On-site:	Kobelco SK 120 LC (Switch to Hammer) Hammer hoe, John Deere 544H Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, (1) Ford 750 Short Bed Dump Truck, Small tools, Hammer hoe attachment, Kobelco SK 200 LC Backhoe, 5 ton roller, plate compactor, JCB Rubber tire Hoe/loader.

Summary of Activities:	• Beginning at 0630 hrs begin loading dump trailers with MGP impacted soils for delivery to EMSI thermal treatment in Louden, NH. 12 dump trailers of material were loaded, manifested and transported off-site. • Upon arrival at site it was noted that overnight rains had flowed from parking lot onto backfilled areas, eroding a channel into excavation. A quantity of rainwater had come in contact with MGP impacted materials and pooled around base of pier #3. Directed contractor to construct a berm, place hay bails, and install a sump to direct rainwater away from excavation. Directed contractor to pump contaminated rainwater to water storage tank. • Excavated small pockets of MGP impacted soils near pier #3 in the active excavation area. • Pumped contaminated rainwater out of excavation to Frac tank. Approximately 500 gallons of water pumped. • Excavated material that had sloughed into excavation around pier #3. • Back filled and compacted material around and up to pier #3. A pocket of material east of the active excavation will be investigated on November 30, 2001. • Advised contractor to place hay bales between stockpiles and excavation. • Advised contractor to stage additional hay bales on site, to protect work area. • At the end of the day, contractor covered excavation and stockpiles with tarps, and secured work zone with construction fencing.

Date: Friday, November 30, 2001

Weather:	Cloudy, Low 48 F, High 55 F. Afternoon rain
Personnel On-site:	Earth Tech (3), OSC (3), Foster Wheeler Environmental(1), NYSDEC (1).
Equipment On-site:	Kobelco SK 120 LC (Switch to Hammer) Hammer hoe, John Deere 544H Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, (1) Ford 750 Short Bed Dump Truck, Small tools, Hammer hoe attachment, Kobelco SK 200 LC Backhoe, 5 ton roller,

	plate compactor, JCB Rubber tire Hoe/loader.
Summary of Activities:	• Crew holds safety briefing and discussion of days work plan at 0730 • Moved south stockpile and consolidated with the north stockpile. • Excavated and removed pocket of MGP impacted soils located 25 feet east of pier #3. • Backfilled and brought to grade previously excavated areas up to and around pier #3. • Excavated and removed MGP impacted soils from pier #3 to pier #4. • Began breaking out pier #4 and removing concrete. • Odor suppressant applied to stockpiles and excavated areas. • Covered excavation and stockpiles with tarps, and secured work area. • Plans to work Saturday and Sunday, continuing excavation along ringwall.

Date: Saturday December 1, 2001

Weather:	Cloudy, Low 54 F, High 62 F. Cloudy, overnight rain
Personnel On-site:	Earth Tech (3), OSC (2), Foster Wheeler Environmental(1), NYSDEC (1).
Equipment On-site:	Kobelco SK 120 LC (Switch to Hammer) Hammer hoe, John Deere 544H Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, Small tools, Hammer hoe attachment, Kobelco SK 200 LC Backhoe, 5 ton roller, plate compactor, JCB Rubber tire Hoe/loader.
Summary of Activities:	• 22 loads of backfill material delivered to Site. • Completed hammering, excavation and removal around pier #4. Pockets of MGP impacted material noted around pier 4 at about 10 feet below surface. These pockets were excavated and removed to the satisfaction of the NYSDEC. Backfill up to and around pier #4.

	• Shallow concrete pad encountered between pier #4 and pier #5. Pad broken and removed. • Excavated up to and around pier #5. Pocket of MGP impacted material noted east of pier #5 at about 10 feet below surface. This pocket cannot be removed until stockpile material is moved away from excavation. • Received notification from Mr. Stucker that Taconic was approved to transport contaminated material on Monday December 3, 2001. • Backfill was completed up to the location of the removed shallow concrete pad between pier 4 and pier 5. • At the end of the day, the stockpile and excavation were covered and the site secured.

Date: Sunday December 2, 2001

Weather:	Cloudy, Low 47 F, High 56 F. Cloudy
Personnel On-site:	Earth Tech (2), OSC (2), Foster Wheeler Environmental(1), NYSDEC (1).
Equipment On-site:	Kobelco SK 120 LC (Switch to Hammer) Hammer hoe, John Deere 544H Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, Small tools, Hammer hoe attachment, Kobelco SK 200 LC Backhoe, 5 ton roller, plate compactor, JCB Rubber tire Hoe/loader.
Summary of Activities:	• Excavated completely around pier 5. Pier 5 completely removed down to footing, due to MGP impacted material. Tar pockets removed around pier about 10 feet below surface. Pier 5 excavated to the satisfaction of the NYSDEC and backfilled with clean material. • Consolidated stockpile and moved away from excavation around pier #5. • Collected bottom and sidewall samples in areas directed by NYSDEC. Sample numbers BM-03 and SW-01. Samples were collected in the area around pier #5. • Earth Tech personnel installed run-off control around stockpile. Control measures consist of polyethylene sheeting and hay bales.

	• Excavated up to and around pier #6. Pier #6 shows evidence of contamination, it will be removed on Monday December 3, 2001. • Back filled to an area between pier #5 and pier #6. • Excavation and stockpile covered with tarps, construction fencing secured, and site clean up.

Date: Tuesday December 4, 2001

Weather:	Clear, Low 33 F, High 62 F.
Personnel On-site:	Earth Tech (5), OSC (2), Foster Wheeler Environmental(2), NYSDEC (1), Niagara-Mohawk (1)
Equipment On-site:	Kobelco SK 120 LC (Switch to Hammer) Hammer hoe, John Deere 544H Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, Small tools, Hammer hoe attachment, Kobelco SK 200 LC Backhoe, 5 ton roller, plate compactor, JCB Rubber tire Hoe/loader.
Summary of Activities:	• 7 loads of waste loaded and manifested for the High Acres landfill, beginning at 0600 hours.. • Visit by Mr. Stucker and Foster Wheeler Environmental. Discussed schedule, survey, and progress of remediation. • Excavated and removed material around pier #6, to the satisfaction of NYSDEC. • Began excavating, hammering ringwall and pier, and removing material around pier #7. Significant amounts of contaminated material noted around pier and ringwall. • Collected sample BM-04, at area designated by NYSDEC, in the bottom of the excavation around Pier #6. Sample was packaged and shipped to STL in Edison, New Jersey. • Earth Tech applying Biosolve ™ odor suppressant to stockpile and in excavation. • Air monitoring performed around perimeter and in work zone for VOC and dust. Results were shared with crew. • Earth Tech actively implementing dust control measures. Roads were swept to remove dust, power washer utilized to wash dust

	and dirt from asphalt. • Informed by Earth Tech that 14 trucks are scheduled to accept loads of material, beginning at 0600 hours on December 5, 2001. Half the loads will be transported to ESMI in Louden, New Hampshire, the other half will be sent to the High Acres landfill in Fairport, New York.

Date: Wednesday December 5, 2001

Weather:	Clear, Low 49 F, High 62 F.
Personnel On-site:	Earth Tech (5), OSC (2), Foster Wheeler Environmental(1), NYSDEC (1)
Equipment On-site:	Kobelco SK 120 LC (Switch to Hammer) Hammer hoe, John Deere 544H Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, Small tools, Hammer hoe attachment, Kobelco SK 200 LC Backhoe, 5 ton roller, plate compactor, JCB Rubber tire Hoe/loader.
Summary of Activities:	• 14 loads of waste loaded and manifested (8) for High Acres landfill and (6) for the ESMI facility in Louden, New Hampshire, beginning at 0600 hours. • Performed air monitoring for VOC and dust, every 30 minutes. Results are recorded in the project logbook and shared with personnel as requested. • Hammered out and removed portions of pier 7 and associated ring wall. • Back filled excavation up to grade, around and up to pier 7. • Saw cut pavement on south end of ring wall. • Earth Tech, spoke with representative of Niagara Mohawk concerning movement of trailers near ring wall. Niagara Mohawk indicated that they would like the trailers staged near the training facility. Earth Tech will meet with a representative of Williams-Scotsman to discuss moving the trailers. • ESMI notified Earth Tech that samples would be required every 200 yards for material being sent to the New Hampshire facility.

	A technician from Phoenix Laboratory arrives to collect samples for ESMI. • Notified Foster Wheeler Environmental, of the name and address of the supplier bringing sand to the site. • Earth Tech plans for remainder of the week include excavating portions of the south ring wall, sending 8 loads per day of waste to the High Acres Landfill, excavating up to pavement on north side of ring wall, on Saturday, excavating across main gate, backfilling across main gate before the end of the weekend leaving entry and egress routes to the facility.

Date: Thursday December 6, 2001

Weather:	Cloudy, Low 48 F, High 69 F.
Personnel On-site:	Earth Tech (5), OSC (1), Foster Wheeler Environmental(1), NYSDEC (1), ASC (1)
Equipment On-site:	Kobelco SK 120 LC (Switch to Hammer) Hammer hoe (1/2 day), Case 721B Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, Small tools, Hammer hoe attachment, Kobelco SK 200 LC Backhoe, 5 ton roller, plate compactor, JCB Rubber tire Hoe/loader.
Summary of Activities:	• 7 loads of waste loaded and manifested to High Acres landfill, beginning at 0600 hours.. • Performed air monitoring for VOC and dust, every 30 minutes. Results are recorded in the project logbook and shared with personnel as requested. • Hammered out and removed portions of pier 7 and associated ring wall. Kobelco 120 hammer hoe was out of commission for ½ day. • Back filled excavation up to grade, around and up to pier 7. • Cut anchor bolts from pier 7 with Oxy-Acetylene torch. • Consolidated stockpile material. • Applied Biosolve™ odor suppressant to stockpile and excavation. • James White, a licensed surveyor, with Azimuth Surveying

	Cartography arrived on site and began performing survey of excavation. Mr. White is not OSHA trained, therefore, Earth Tech personnel will assist and perform all task requiring OSHA certification. • Earth Tech personnel begin preparing for rain. Improved silt fence, extended silt fence, constructed berms, and placed hay bales. • Mr. Stucker spoke with Foster Wheeler Environmental and Earth Tech concerning movement of temporary training trailers located near the south ring wall. No resolution by end of day. • Discussed weather forecast and traffic impacts with Earth Tech. Agreed that work cannot progress any faster than weather will allow, in order to maintain entry and egress from facility. • Excavation at Pier 7 advances ~25 feet north of center of Pier 7 as pockets of contamination are excavated and removed. • Plans for December 7, 2001: Advance and complete excavation at Pier 7 as far as possible, load 14 trucks of waste to TSDFs, backfill and compact excavations, continue survey, prepare for main gate scheduled for the weekend.

Date: Saturday December 8, 2001

Weather:	Cloudy, Low 27 F, High 37 F. Snow in forecast
Personnel On-site:	Earth Tech (5), OSC (1), Foster Wheeler Environmental(1), NYSDEC (1), ASC (0)
Equipment On-site:	Kobelco SK 120 LC (Switch to Hammer) Hammer hoe , Case 721B Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, Small tools, Hammer hoe attachment, Kobelco SK 200 LC Backhoe, 5 ton roller, plate compactor, JCB Rubber tire Hoe/loader.
Summary of Activities:	• 2 loads of waste loaded and manifested beginning at 0600 hours.. • Performed air monitoring for VOC and dust, every 30 minutes. Results are recorded in the project logbook and shared with personnel as requested. • Hammered out and removed portions of pier 8 and associated ring

	wall. Excavation at Pier 8 advances 25 feet north of pier. No further excavation northward can occur without undermining fence and utility pole. NYSDEC inspector observes that contamination is tightly bound in glacial till, is not free flowing, and is not in lens or vein. Allows Earth Tech to backfill this area. • Removed asphalt and stone sub-base from parking lot up to pier 10. Asphalt was placed in stockpile, stone was reserved for backfill. Excavated up to pier 9. Hammered out and removed pier 9. Excavated and removed MGP impacted soils around pier 9. NYSDEC is satisfied with the removal and allows Earth Tech to backfill up to Pier 9. • Consolidated stockpile material. • Applied Biosolve ™ odor suppressant to stockpile and excavation. • Began backfilling up to Pier 9 and instituted traffic control in parking lot excavation: Placed loaded in excavation, surrounded excavation with hay bales and cones, installed orange construction fencing around MGP impacted areas, placed warning cones at front gate. Any vehicle attempting to enter the front gate will be immediately warned of the condition of the parking lot and will be guided around the excavation by warning devices. MGP impacted area of parking lot is presently ~12 inches below grade. • Site secured, stockpile tarped, and erosion control put in place. • Plans for December 9, 2001 include: Back filling remainder of MGP impacted parking lot, bringing trench up to grade in parking lot, preparing parking lot for asphalt placement on December 10, 2001.

Date: Sunday December 9, 2001

Weather:	Cloudy, Low 27 F, High 37 F. Snow
Personnel On-site:	Earth Tech (3), OSC (0), Foster Wheeler Environmental(1), NYSDEC (1), ASC (0)
Equipment On-site:	Kobelco SK 120 LC (Switch to Hammer) Hammer hoe , Case 721B Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, Small tools, Hammer hoe attachment, Kobelco SK 200 LC Backhoe, 5 ton roller, plate compactor, JCB Rubber tire Hoe/loader.

Summary of Activities:	• Backfilled excavation at main gate with sand. Brought up to grade and finished last 6 inches with stone. Due to snow, backfill material is very wet. Earth tech attempts to compact and grade material. Results are not very satisfactory. Surface is rough and wet. Earth Tech will rework stone on Monday, December 10, 2001. • Site secured, stockpile tarped, and erosion control put in place. • Plans for December 10, 2001 include: Load 14 trucks with soil, rework stone sub-base of cut in parking lot, pave cut in parking lot, backfill in excavated areas, begin excavating in along north ring wall near garage.

Date: Monday December 10, 2001

Weather:	Clear, Cold, Low 19 F, High 35 F.
Personnel On-site:	Earth Tech (5), OSC (1), Foster Wheeler Environmental(1), NYSDEC (1), ASC (1)
Equipment On-site:	Kobelco SK 120 LC (Switch to Hammer) Hammer hoe DOWN ½ Day , Case 721B Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, Small tools, Hammer hoe attachment, Kobelco SK 200 LC Backhoe, 5 ton roller, plate compactor, JCB Rubber tire Hoe/loader.
Summary of Activities:	• Shipped 20 loads of soil, 14 to High Acres landfill, 6 to ESMI facility at Fort Edward, New York. • Reworked sub-base of trench located inside of main gate. Place stone in preparation to pave on December 11, 2001. • Consolidated stockpile. • Excavated area SE of pier 8 in area of contamination that was located underneath former location of stockpile. Area was excavated to the satisfaction of the NYSDEC. • Exposed tops of piers 10 and 11. ASC surveyor, Jim White, measures angles and distances to extrapolate location of ring wall under the garage building. • Kobelco 120 excavator down ½ day. Hertz to bring replacement parts on December 11, 2001.

	• Plans for December 11, 2001: load trucks of soil, load trucks of concrete for Port of Albany recycle facility, begin excavating at piers 10 and 11, rework and pave trench cut inside of main gate.

Date: Tuesday December 11, 2001

Weather:	Clear, Cold, Low 21 F, High 47 F.
Personnel On-site:	Earth Tech (5), OSC (1), Foster Wheeler Environmental(1), NYSDEC (1), ASC (1)
Equipment On-site:	Kobelco SK 120 LC (Switch to Hammer) Hammer hoe DOWN 3/4 Day , Case 721B Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, Small tools, Hammer hoe attachment, Kobelco SK 200 LC Backhoe, 5 ton roller, plate compactor, JCB Rubber tire Hoe/loader.
Summary of Activities:	• Kobelco 120 excavator down until 1130 with bad fuel solenoid. Down again at 1500 from cause yet unknown. Hertz equipment rental personnel on site to diagnose problem. No excavation performed around piers 10 and 11, due to this problem. • Shipped 19 loads of material: (6) loads to ESMI New Hampshire, (7) loads to High Acres landfill, (5) loads of concrete to the Wm. Biers facility at the Port of Albany, and (1) load to ESMI Fort Edward, New York. • Excavated and removed, to the satisfaction of the NYSDEC, material to the SE of pier 6 which was located under the former location of the stockpile. • Brought previously excavated areas up to grade. • Placed asphalt at the trench cut in front of the main gate. • Received direction from Niagara Mohawk to move the 2 west trailers to the east side of the 2 east trailers. (along the road way). • Plans for December 12, 2001: load trucks of soil, load trucks of concrete for Port of Albany recycle facility, begin excavating at piers 10 and 11.

Date: Wednesday December 12, 2001

Weather:	Overcast, Cold, Low 26 F, High 37 F.
Personnel On-site:	Earth Tech (5), OSC (1), Foster Wheeler Environmental(2), NYSDEC (1), ASC (0)
Equipment On-site:	Kobelco SK 120 LC (Switch to Hammer) Hammer hoe DOWN ALL Day , Case 721B Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, Small tools, Hammer hoe attachment, Kobelco SK 200 LC Backhoe, 5 ton roller, plate compactor, JCB Rubber tire Hoe/loader, Daewoo hammer hoe ½ day.
Summary of Activities:	• Kobelco 120 excavator down all day with bad fuel pump. Hertz is trying to repair, but will take 2 days to get part. A Daewoo 130 on loan, but in poor shape. • Shipped 18 loads of material: (6) loads to ESMI New Hampshire, (7) loads to High Acres landfill, (5) loads of concrete to the Wm. Biers facility at the Port of Albany. • Excavated and removed, to the satisfaction of the NYSDEC, material to the South of pier 6 which was located under the former location of the stockpile. • Brought previously excavated areas up to grade. • Received information from Earth Tech that William-Scotsman will move trailers on Tuesday, December 18, 2001. • Mr. Stucker visited Site. He directed the contractor to focus attention on paving the area west of the maintenance building to give the client access to the training facility. Mr. Stucker directed the contractor to dig 3 test pits along the west face of the 'Butler' building to verify no contamination. Mr. Stucker directed the contractor to dig a test pit on the east (back) side of the 'Butler' building to verify no contamination migration. • Earth Tech advises that asphalt contractor has been contacted to provide paving on the west side of the maintenance building. • Removed pavement atop the south ring wall. Located what will be designated pier 12. This pier is the next pier SE of what designated pier 1. • Hammered out ring wall between piers 10 and 11. • Constructed a poly-lined staging area to accept spoils from the south ring wall excavation.

	• Earth Tech instructed to implement controls to keep mud from leaving site on truck tires. • Plans for December 13, 2001: load trucks of soil, finish transporting trucks of concrete for Port of Albany recycle facility, continue excavating at piers 10 and 11, continue removing asphalt on south ring wall, prep west side of maintenance building for asphalt placement.

Date: Thursday December 13, 2001

Weather:	Rain, Cool, Low 35 F, High 55 F.
Personnel On-site:	Earth Tech (4), OSC (1), Foster Wheeler Environmental(1), NYSDEC (1), ASC (0)
Equipment On-site:	Kobelco SK 120 LC (Switch to Hammer) Hammer hoe DOWN ALL Day , Case 721B Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, Small tools, Hammer hoe attachment, Kobelco SK 200 LC Backhoe, 5 ton roller, plate compactor, JCB Rubber tire Hoe/loader, Daewoo 130 hammer hoe.
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Date: Friday December 14, 2001

Weather:	Rain, Cool, Low 47 F, High 55 F.
Personnel On-site:	Earth Tech (5), OSC (1), Foster Wheeler Environmental(1), NYSDEC (1), ASC (1)
Equipment On-site:	Kobelco SK 120 LC (Switch to Hammer) Hammer hoe DOWN ALL Day , Case 721B Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, Small tools, Hammer hoe attachment, Kobelco SK 200 LC Backhoe, 5 ton roller, plate compactor, JCB Rubber tire Hoe/loader, Daewoo 130 hammer hoe.

Summary of Activities:	• Kobelco 120 excavator down all day with bad fuel pump. Hertz is trying to repair, but will take 2 days to get part. A Daewoo 130 on loan. Nitrogen was recharged in hammer, but Daewoo only produces about 75% of the Kobelco 120. • Shipped 9 loads of material: • Excavated and removed, to the satisfaction of the NYSDEC, around Pier 16. Pockets of contamination followed and removed ~ 20' south of Pier 16. A 4" clay pipe was encountered in this area and broken. No definitive source for this pipe was identified, Earth Tech repaired and reconnected the pipe. Pockets of contamination were observed in the west-southwest wall of excavation. Numerous pipes and conduits were encountered in this wall. Excavation stopped about 15' west of the pier, due to these encumberances. • Began backfilling around pier 16, in preparation to pave on December 15, 2001 • Earth Tech making arrangements with a street cleaning service to perform sweeping activities on the parking lot, in an effort to mitigate dust and mud problems. • Wm. Larner and Sons still making sand deliveries to site. Earth Tech informed me that he is seeking other hauling alternatives. • Air monitoring for VOC and dust performed as usual. Results were shared with site personnel as requested. VOC readings were as High as 3.3 ppm in the excavation around Pier 16. • Jim White, ASC, on site to dimension excavations and elevations of anchor bolts. Took measurements of concrete transformer storage pad and test pit of 12" pipe to place on site map. • William Ottoway, NYSDEC, on-site for a visit. • Collected samples BM-06 and SW-04 from excavation at Pier 16. These sample locations are recorded in the log book, and on the site progress drawing. Shipped to STL-Edison via overnight courier. • Plans for December 15, 2001 include: Complete backfill around pier 16, prep area on west side of brick garage building for asphalt placement, return to excavating at piers 10 and 11.

Date: Saturday December 15, 2001

Weather:	Rain, Cool, Low 35 F, High 45 F.
Personnel On-site:	Earth Tech (5), OSC (1), Foster Wheeler Environmental(1), NYSDEC (1), ASC (0)
Equipment On-site:	Kobelco SK 120 LC (Switch to Hammer) Hammer hoe DOWN ALL Day , Case 721B Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, Small tools, Hammer hoe attachment, Kobelco SK 200 LC Backhoe, 5 ton roller, plate compactor, JCB Rubber tire Hoe/loader, Daewoo 130 hammer hoe.
Summary of Activities:	• Completed excavation around pier 16. Began prepping area for asphalt placement scheduled for later in the day. • Shipped 1 load of material: • Excavated and removed, to the satisfaction of the NYSDEC, up to and around pier 10. Encountered a 2.5" pipe previously seen near pier 9. Free liquids collected and pumped to Frac tank. Once pipe was drained it was removed up to pier 11. • Backfilled excavation up to and around pier 10. • Asphalt contractor did not arrive on site today. Area near brick maintenance building is prepped and laid with stone. • Air monitoring for VOC and dust occurred in accordance with specifications. Results were shared with personnel as requested.

Date: Tuesday December 18, 2001

Weather:	Morning snow and rain, afternoon clearing Low 31 F, High 37 F.
Personnel On-site:	Earth Tech (6), OSC (1), Foster Wheeler Environmental(1), NYSDEC (1), ASC (0)
Equipment On-site:	Kobelco SK 120 LC (Switch to Hammer) Hammer hoe taken off-site, John Deere 690 tracked excavator, Case 721B Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, Small tools, Hammer hoe attachment, Kobelco SK 200 LC Backhoe, 5 ton roller, plate compactor, JCB Rubber tire Hoe/loader, Daewoo 130

	hammer hoe taken off site, John Deere 650 Bulldozer
Summary of Activities:	• Placed pavement on west side of maintenance building, providing access around building. • Placed pavement on north side of "Butler" building, providing access around building. • Moved (2) west trailers to the east side of the east trailers. • Excavated a small amount of material on the north side of pier 11 to remove 2.5" pipe. Pipe cut and capped on slope face on the north side of pier 11. • Shipped 10 loads of material: • Kobelco 120 and Daewoo 130 excavators removed from site. • Air monitoring for VOC and dust occurred in accordance with specifications. Results were shared with personnel as requested. • John Deere 650 bulldozer delivered to site for grading work. • Previously excavated area on the west side of the Site graded in preparation to place crushed stone sub-base.

Date: Wednesday December 19, 2001

Weather:	Cloudy, Cool, Low 34 F, High 46 F.
Personnel On-site:	Earth Tech (6), OSC (0), Foster Wheeler Environmental(1), NYSDEC (1), ASC (0)
Equipment On-site:	Case 721B Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, Small tools, Hammer hoe attachment, Kobelco SK 200 LC Backhoe, 5 ton roller, plate compactor, JCB Rubber tire Hoe/loader, John Deere Dozer, John Deere Excavator
Summary of Activities:	• Shipped 4 loads of material: • Consolidated stockpile to a new staging area near "Butler" building. • Removed asphalt and overburden on top of south ring wall. • Located drip pot in south ring wall in front of bay 3 of the brick

	maintenance building. • Performed wash down of asphalt driveway. • Received loads of crushed stone in preparation to restore excavated areas. • General clean up of site. • William Ottoway, NYSDEC, on-site for a visit. • Performed air monitoring for VOC and dust in accordance with work plan. Monitoring results shared with personnel as requested. • Plans for December 20, 2001 include: Install liner at pier 11, ship loads of contaminated soil, excavate and remove soils at south ring wall.

Date: Thursday December 20, 2001

Weather:	Morning rain, afternoon clearing, windy Low 33 F, High 42 F.
Personnel On-site:	Earth Tech (6), OSC (0), Foster Wheeler Environmental(1), NYSDEC (1), ASC (0)
Equipment On-site:	John Deere 690 tracked excavator, Case 721B Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, Small tools, Hammer hoe attachment, Kobelco SK 200 LC Backhoe, 5 ton roller, plate compactor, JCB Rubber tire Hoe/loader, John Deere 650 Bulldozer
Summary of Activities:	• Removed overburden and some contaminated material on top south ring wall from pier 15 to pier 13. Located "Drip Pot" and removed material around it to ascertain its dimension and condition. Drip pot is closed, in good condition, with no large, apparent leaks, and has (1) one iron pipe entering and (1) iron pipe exiting into the ring wall. A large amount of trapped water, with some free product, drained into the excavation all day. This liquid material was pumped to the Frac tank. • Load (4) trucks of contaminated soil, (1) truck of asphalt for recycling and (1) truck of construction debris. • Received delivery of 40 mil HDPE liner and geo-textile fabric. • Received instructions from Mr. Stucker, that no intrusive activities will occur on site from COB 12/21/01 until 1/02/02. Passed these

	instructions on to Earth Tech, and informed Scott Deyett, NYSDEC. • Began "buttoning up" the site. Earth Tech placed liner in south ring wall excavation, erected construction fencing around work areas, placed hay bales for run off control, consolidated stock piles for removal on 12-21-01 and cleaned site. • Earth Tech collected a sample of liquid in Frac tank and sent to laboratory for 24 hour turn around. Analysis includes BTEX and PCB. • Earth Tech contacted Environmental Products and Services to arrange transportation of liquid waste, which will occur upon receiving sample results. • Performed air monitoring for VOC and dust as required by work plan. Results shared with personnel as requested. • Plans for 12-21-01 include: Installing HDPE liner and geo-textile at pier 11 excavation, shipping remaining contaminated soils off-site for disposal, general clean up and securing of site for holidays.

Date: Friday December 21, 2001

Weather:	Cloudy, Cold, Low 34 F, High 37 F.
Personnel On-site:	Earth Tech (2), OSC (0), Foster Wheeler Environmental(1), NYSDEC (1), ASC (0)
Equipment On-site:	Case 721B Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, Small tools, Hammer hoe attachment, Kobelco SK 200 LC Backhoe, 5 ton roller, plate compactor, JCB Rubber tire Hoe/loader, John Deere Dozer, John Deere Excavator
Summary of Activities:	• Shipped 2 loads of material: • Install poly liner at pier 11 and backfill with clean sand. After holidays area will be re-excavated and a containment system installed in accordance with a design being formulated by Foster Wheeler Environmental. • Grading backfilled areas on west side of site in preparation to place crushed stone. • Clean up and "buttoning down" of site for holidays: South ring

	wall excavation cover with polyethylene sheeting, stockpiles tarped, roll-offs covered, barricades and construction fencing placed around work zone. • Earth Tech awaiting sample results from Frac tank. Frac tank has approximately 2 feet of sludge on the bottom, the remainder is aqueous phase. Upon receipt of sample results a decision will be made as to the transportation and treatment of the liquids. • Performed air monitoring for VOC and dust in accordance with work plan. Monitoring results shared with personnel as requested. • Site closed until January 2, 2002.

Date: Wednesday January 02, 2002

Weather:	Partly sunny, mostly overcast, windy Low 20 F, High 28 F.
Personnel On-site:	Earth Tech (4), OSC (0), Foster Wheeler Environmental(1), NYSDEC (1), ASC (0)
Equipment On-site:	John Deere 690 tracked excavator, Case 721B Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, Small tools, Hammer hoe attachment, Kobelco SK 200 LC Backhoe, 5 ton roller, plate compactor, JCB Rubber tire Hoe/loader, John Deere 650 Bulldozer
Summary of Activities:	• Removed overburden and some contaminated material on top south ring wall from pier 15 to pier 13. "Drip Pot" area and removed material around it to ascertain its dimension and condition. A large amount of trapped water, with some free product. This liquid material was pumped to the Frac tank. • Continue demolition of the ring wall and pier number 15. • No intrusive activity was performed over the Holiday break from 12/21/01 until 1/02/02. The activities included the regrading of the disturbed/unpaved area adjacent to the fence line. This area was cut, regraded, a geotextile fabric was deployed and a layer of road base was placed on top, graded and compacted. The liquid in the Frac. tank was recirculated to inhibit freezing. • A slow start to the days activities was noted due to the late arrival of Earth Tech personnel. • Performed air monitoring for VOC and dust as required by work

	plan. Results shared with personnel as requested. • Received multiple loads of road based gravel.

Date: Thursday January 03, 2002

Weather:	Mostly sunny, windy Low 22 F, High 32 F.
Personnel On-site:	Earth Tech (6), OSC (0), Foster Wheeler Environmental(1), NYSDEC (1), ASC (0)
Equipment On-site:	John Deere 690 tracked excavator, Case 721B Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, Small tools, Hammer hoe attachment, Kobelco SK 200 LC Backhoe, 5 ton roller, plate compactor, JCB Rubber tire Hoe/loader, John Deere 650 Bulldozer (demobed today)
Summary of Activities:	• Removed soils from the area of pier 15, excavation continued to the depth or base of the pier. Chase several small pockets of contamination mostly associated with the pipe conduit in the excavation. • Continue demolition of the ring wall and pier number 15. • Remove a 10-foot section of piping 2.5 inches in diameter, this type of pipe has been observed around the entire circumference of the holder pad. Stage with other steel debris. Other sections of pipe and electric conduit are cut and capped, with duct tape, in place. • Back fill the area directly adjacent to pier 15, following approval by NYSDEC representative. • Load out four (4) truck loads of non-hazardous soil to High Acres landfill. • Performed air monitoring for VOC and dust as required by work plan. Results shared with personnel as requested. • Demobilize the 650 John Deere track Bulldozer.

Date: Friday January 4, 2002

Weather:	Clear, Cold, Low 17 F, High 33 F.

Personnel On-site:	Earth Tech (6), OSC (0), Foster Wheeler Environmental(1), NYSDEC (1), ASC (1)
Equipment On-site:	Case 721B Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, Small tools, Hammer hoe attachment, Kobelco SK 200 LC Backhoe, 5 ton roller, plate compactor, JCB Rubber tire Hoe/loader, John Deere Dozer, John Deere Excavator
Summary of Activities:	• Shipped 10 loads of material: 9 loads of soil to WMI, 1 load of construction debris to WMI • Excavated around and cleaned liquids from drip pot on south ring wall. • Cut bolts on top side of incoming and outgoing pipe flanges of drip pot. Drip pot will be removed sideways. Any spilled material will be segregated for shipment to the ESMI thermal unit. • Earth Tech received compaction, proctor and particle size analysis for backfill material. Keith will share data with Foster Wheeler Environmental, and Mr. Stucker. • Performed air monitoring for VOC and dust in accordance with work plan. Monitoring results shared with personnel as requested. • Crew will be on site on Saturday January 5, 2002 to continue activities.

Date: Saturday January 5, 2002

Weather:	Cloudy, Cold, Low 27 F, High 40 F.
Personnel On-site:	Earth Tech (6), OSC (0), Foster Wheeler Environmental(1), NYSDEC (1), ASC (0)
Equipment On-site:	Case 721B Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, Small tools, Hammer hoe attachment, Kobelco SK 200 LC Backhoe, 5 ton roller, plate compactor, JCB Rubber tire Hoe/loader, John Deere Dozer, John Deere Excavator
Summary of Activities:	• Shipped 4 loads of material: 4 loads of soil to WMI Landfill. • Earth Tech installed a heating device in Frac tank. The discharge hose of a heated pressure washer will be coiled and passed through tank. This hose, in combination with a recirculating pump will provide freeze protection for the Frac tank.

	• Excavated and removed the drip pot and related appurtenances. Drip pot system consisted of the drip pot, an ~ 36" pipe on the exterior side of ring wall that was blind flanged, an ~24" pipe that passed through the ring wall, and a square tank connected to the 24" pipe situated on the interior side of the ring wall. The tank had no exit piping. As much free product as possible was removed from the system before removal. As soil was removed from around the 24" pipe, free product began flowing. This material was collected in a sump dug into the excavation. The square tank and the 24" pipe had an amount of product trapped within them. Upon removal of the system it was noted that a reinforced concrete pad existed under the square tank. This pad was removed along with the free product trapped underneath it. These materials were segregated for shipment to the thermal facility. • Earth tech will work on Sunday January 6, 2002 to complete backfill and clean-up. • Performed air monitoring for VOC and dust in accordance with work plan. Monitoring results shared with personnel as requested. •

Date: Sunday January 6, 2002

Weather:	Cloudy, Cold, Low 28 F, High 38 F.
Personnel On-site:	Earth Tech (3), OSC (0), Foster Wheeler Environmental(1), NYSDEC (0), ASC (0)
Equipment On-site:	Case 721B Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, Small tools, Hammer hoe attachment, Kobelco SK 200 LC Backhoe, 5 ton roller, plate compactor, JCB Rubber tire Hoe/loader, John Deere Dozer, John Deere Excavator
Summary of Activities:	• Backfilled up to the former location of the drip pot. • Cleaned up area, reorganized stockpiles and leveled location of the clean fill stockpile area. • Secured site and cover excavation. • Performed air monitoring for VOC and dust in accordance with work plan. Monitoring results shared with personnel as requested. • Activities scheduled for January 7, 2002 included: Shipping

	contaminated soil to WMI Landfill, shipping contaminated solid to the thermal facility, excavating eastward from former location of drip pot.

Date: Monday January 7, 2002

Weather:	Snow 10", Cold, Low 32 F, High 36 F.
Personnel On-site:	Earth Tech (6), OSC (0), Foster Wheeler Environmental(2), NYSDEC (1), ASC (1)
Equipment On-site:	Case 721B Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, Small tools, Hammer hoe attachment, Kobelco SK 200 LC Backhoe, 5 ton roller, plate compactor, JCB Rubber tire Hoe/loader, John Deere Dozer, John Deere Excavator
Summary of Activities:	• 11 loads of material shipped: (2) loads of water to Industrial Oil Tank Service, (4) contaminated soil to WMI Landfill, (5) contaminated soil to ESMI thermal facility in NH. • Conference call with Foster Wheeler Environmental, and Earth Tech, concerning the liner and flowable fill installation at pier 11. Foster Wheeler Environmental provided the design via fax. Foster Wheeler Environmental will provide Earth Tech with ASTM requirements and criteria for the flowable fill. Earth Tech will provide name of vendor and material certifications. • 30" pipe located in a southerly direction from former location of drip pot along south ring wall. Suggestion from William Ottoway, NYSDEC, included: Cleaning soils from around 30" pipe, surveying location, elevation and alignment of 30" pipe and indicating on site map, and excavating back to 6" pipe located near 30" pipe. • 6" pipe located near 30" uncovered. Pipe flowed water into excavation. Water was collected and pumped to Frac tank. As water flow slowed, a plug was placed in pipe. • Reopened test pit that was dug near location of former transformer pad. Some contaminated material noted in soil at ~ 6' BGS. Test pit was backfilled. • Performed air monitoring for VOC and dust in accordance with work plan. Monitoring results shared with personnel as requested. • Activities scheduled for January 8, 2002 included: Shipping

	contaminated soil to WMI Landfill, and excavating eastward from former location of drip pot.

Date: Tuesday January 8, 2002

Weather:	Cold, Low 12 F, High 28 F.
Personnel On-site:	Earth Tech (6), OSC (0), Foster Wheeler Environmental(1), NYSDEC (1), ASC (1)
Equipment On-site:	Case 721B Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, Small tools, Hammer hoe attachment, Kobelco SK 200 LC Backhoe, 5 ton roller, plate compactor, JCB Rubber tire Hoe/loader, John Deere Dozer, John Deere Excavator
Summary of Activities:	• 4 loads of material shipped: (4) contaminated soil to WMI Landfill • 30" pipe located near the former location of the drip pot had a bolted plug located in the blind flange. After consulting with Mr. Stucker, Earth Tech opened the plug and collected a sample of the liquid contained within. Sample was sent to laboratory for BTEX and PAH analysis. • Surveyor shot location, alignment and elevation of 30" pipe. Area up to and including the pipe was backfilled. • Dug 3 test pits on the east side of the Butler building: (1) on the Northeast corner, (1) in the center, and (1) on the southeast corner. The test pit on the southeast corner encompassed the northeast corner of the former transformer pad. All test pits taken down to till layer. No contamination detected in any test pit. NYSDEC satisfied with observations and test pit were backfilled. • Conference call with Greg Del Mastro and Joe Walsh concerning William Larned, the sand hauling company. Directed to inform Earth Tech that they are not approved by Foster Wheeler. Earth Tech advises that he will locate another sand transportation company. • Performed air monitoring for VOC and dust in accordance with work plan. Monitoring results shared with personnel as requested. • Activities scheduled for January 9, 2002 include: Shipping contaminated soil to WMI Landfill, and continuing to excavate towards Southwest corner of Butler building.

Date: Wednesday January 9, 2002

Weather:	Cold, Low 22 F, High 32 F.
Personnel On-site:	Earth Tech (6), OSC (0), Foster Wheeler Environmental(1), NYSDEC (1), ASC (0)
Equipment On-site:	Case 721B Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, Small tools, Hammer hoe attachment, Kobelco SK 200 LC Backhoe, 5 ton roller, plate compactor, JCB Rubber tire Hoe/loader, John Deere Dozer, John Deere Excavator
Summary of Activities:	• 6 loads of material shipped: (6) contaminated soil to WMI Landfill • Hammered out, excavated and removed pier 16 (last pier in south ring wall) and associated ringwall. Excavation came very close to location of former transformer pad. (2) areas of tar impacts are noted (see attached photograph) one directly under the ringwall and another about 8' BGS. • The 2.5" steel pipe that has been observed throughout the project running parallel to the ringwall was encountered near pier 16. The pipe free flowed tar and water. After speaking with Mr. Stucker and Foster Wheeler Environmental, it was decided to allow the material to free flow, collect and segregate the material for shipment to the thermal facility, before plugging the pipe. Material free flowed for about 2 hours. • Performed air monitoring for VOC and dust in accordance with work plan. Monitoring results shared with personnel as requested. • Activities scheduled for January 10, 2002 include: Shipping contaminated soil to WMI Landfill, and continuing to excavate towards Southwest corner of Butler building.

Date: Thursday January 10, 2002

Weather:	Cold, Low 41 F, High 46 F.
Personnel On-site:	Earth Tech (5), OSC (0), Foster Wheeler Environmental(1), NYSDEC (1), ASC (1)
Equipment On-site:	Case 721B Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, Small tools, Hammer hoe attachment,

	Kobelco SK 200 LC Backhoe, 5 ton roller, plate compactor, JCB Rubber tire Hoe/loader, John Deere Excavator
Summary of Activities:	• 7 loads of material shipped: (4) contaminated soil to WMI Landfill, (3) loads shipped to ESMI in NH • Began working on ring wall towards "Butler" building, maintaining the 1:1 slope specified by Foster Wheeler Environmental. A 3" thick walled cast iron pipe was discovered next to the ring wall. Interior of pipe has evidence of tar contamination, but no flowing material. A concrete vault was discovered next to ring wall very near the NW corner of the former transformer storage pad. Great care is being exercised in removing as much of this vault as possible and not undermining the concrete pad. • The 2.5 inchsteel pipe near pier 16 was discovered to be dead-ended. The pipe and associated bedding material was removed. • Visit by Mr. Stucker, Niagara Mohawk, a National Grid Company. Discussed punch list items and project schedule. Mr. Stucker wants the property line surveyed and a test pit performed near Seneca St at the property line. This was relayed to Earth Tech. • Kobelco 120 threw a track and was down for about 1 hour. • Performed air monitoring for VOC and dust in accordance with work plan. Monitoring results shared with personnel as requested. • Activities scheduled for January 11, 2002 include: Shipping contaminated soil to WMI Landfill, and continuing to excavate towards Southwest corner of Butler building.

Date: Friday January 11, 2002

Weather:	Cold, Low 33 F, High 43 F.
Personnel On-site:	Earth Tech (2), OSC (0), Foster Wheeler Environmental(1), NYSDEC (1), ASC (1)
Equipment On-site:	Case 721B Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, Small tools, Hammer hoe attachment, Kobelco SK 200 LC Backhoe, 5 ton roller, plate compactor, JCB Rubber tire Hoe/loader, John Deere Excavator

Summary of Activities:	• 3 loads of material shipped: (3) contaminated soil to WMI Landfill • Completed excavation at the SW corner of the "Butler" building to the extent possible. Concrete vault structure encountered yesterday was removed. Surveyor measured dimension of excavation. Earth Tech began backfill operations near pier 16. • Received design for the lining and flowable fill installation at pier 11 and pier 16 from Foster Wheeler Environmental. Received okay from Foster Wheeler Environmental to use the flowable fill submitted by Earth Tech. • Excavated test pit in front center (west side) of "Butler" building.. Some suspect odors but, no visible tar encountered. On Monday, the test pit will be cleaned up and examined further. • Earth Tech contacted property manager at Niagara Mohawk to gather information as to the property line. Niagara Mohawk informed Earth Tech that the fence line was the property line. Keith called the UFPO to schedule a mark out. The mark out is scheduled for Wednesday at 1200 noon. • Activities scheduled for January 14, 2002 include: Shipping contaminated soil to WMI Landfill, complete test pits on west side of "Butler" building, continue backfill near pier 16, prepare excavations on corners of building for liner and flowable installation

Date: Monday January 14, 2002

Weather:	Cold, Low 26 F, High 40 F.
Personnel On-site:	Earth Tech (5), OSC (0), Foster Wheeler Environmental(1), NYSDEC (1), ASC (1)
Equipment On-site:	Case 721B Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, Small tools, Hammer hoe attachment, Kobelco SK 200 LC Backhoe, 5 ton roller, plate compactor, JCB Rubber tire Hoe/loader, John Deere Excavator
Summary of Activities:	• 4 loads of material shipped: (4) contaminated soil to WMI Landfill • Completed test trenches at SW (pier 16) and NW(pier 11) corners of "Butler" building. No visible impacts noted beyond the ring wall towards the interior. Decision made to place barrier along face from interior of ring wall to exterior limit of excavation, in

	accordance with Foster Wheeler Environmental's design. • Spoke with Mr. Stucker concerning the location of the property line along Seneca Street. Mr. Stucker will check into Niagara Mohawk records to find metes and bounds. Earth Tech will have surveyor mark the boundaries, based on the available information and plot on the site map. • Visit by representative of firm that can install HDPE barriers via spray method. Representative took dimensions and will provide Keith with a price and specification sheet on the product. Presently, Earth Tech is prepared to implement the NYSDEC approved design. • Earth Tech began preparing for demobilization from the site. Began consolidation of materials and equipment, scheduled a pump out of water tank, gathering supplies and equipment to perform steam cleaning of water tank interior, and noting items that will require close out before leaving. Reminded Earth Tech that all Confined Space Entry protocols must be planned and implemented when steam cleaning the tank. • Began putting together a preliminary punchlist. • Activities scheduled for January 15, 2002 include: Shipping contaminated soil to WMI Landfill, shipping construction debris to WMI Landfill, continue cleaning and consolidating site, backfilling excavations, preparing for tank clean out, preparing for liner installation.

Date: Tuesday January 15, 2002

Weather:	Cold, Snow, Low 26 F, High 40 F.
Personnel On-site:	Earth Tech (5), OSC (0), Foster Wheeler Environmental(1), NYSDEC (1), ASC (0)
Equipment On-site:	Case 721B Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank, Small tools, Hammer hoe attachment, Kobelco SK 120 LC Backhoe (deconned), 5 ton roller, JCB Rubber tire Hoe/loader, John Deere Excavator
Summary of Activities:	• 6 loads of material shipped: (5) contaminated soil to WMI Landfill, (1) load of construction debris shipped to WMI Landfill. • Decontaminated Kobelco 120 excavator and prepared it for

	demobilization. • Excavated around pier 11 in preparation for placing liner and flowable fill. Earth Tech is awaiting cost and schedule information for the spray on liner (Water Boot). • Received supplies and equipment in preparation to clean Frac tank. • Activities scheduled for January 16, 2002 include: Shipping contaminated soil to WMI Landfill, shipping construction debris to WMI Landfill, continue cleaning and consolidating site, backfilling excavations, mark out utilities at roadway, digging test pits along property line, pump out Frac tank, begin steam cleaning Frac tank. • No information has been received concerning the location of the property line.

Date: Wednesday January 16, 2002

Weather:	Cold, Low 31 F, High 40 F.
Personnel On-site:	Earth Tech (5), OSC (0), Foster Wheeler Environmental(1), NYSDEC (1), ASC (0)
Equipment On-site:	Case 721B Rubber tire Loader, Generator, (1) Pick up truck, (1) 20,000 Gallon Frac Tank (deconned), Small tools, Hammer hoe attachment, Kobelco SK 120 LC Backhoe (deconned), 5 ton roller, JCB Rubber tire Hoe/loader, John Deere Excavator
Summary of Activities:	• 6 loads of material shipped: (4) contaminated soil to WMI Landfill, (1) load of construction debris shipped to WMI Landfill, (1) load of water. • Pumped out Frac tank and deconned interior. Total liquids shipped was 2,335 gallons. Facility called to inform Earth Tech that shipment contained 17% solids. • Backfilled around pier 11 and 16, left area exposed in preparation to place liner and flowable fill. • Received call from Mr. Stucker. Informed me that test pits at front gate can be located by striking a line between to outside fence posts and coming inward 1'. • UFPO marked out existing utilities between Seneca street and the

	fenceline. Using the above method, Earth Tech marked the location of the test pits. • Earth Tech is still waiting for cost information from the spray on liner company. Informed him that without information soon, the original plan to use the rolled HDPE liner will be implemented. • Informed that final walk down of punch list will occur on Tuesday January 22, 2002 at 1030 hours. • Activities scheduled for January 17, 2002 include: Shipping contaminated soil to WMI Landfill, continue cleaning and consolidating site, backfilling excavations, digging test pits along property line, demobilize Frac tank, demobilize WM roll-offs.

Date: Thursday January 17, 2002

Weather:	Cold, cloudy, light snow Low 31 F, High 42 F.
Personnel On-site:	Earth Tech (5), OSC (0), Foster Wheeler Environmental(1), NYSDEC (1), ASC (0)
Equipment On-site:	Case 721B Rubber tire Loader, Generator, (1) Pick up truck, Small tools, Hammer hoe attachment, 5 ton roller, JCB Rubber tire Hoe/loader, John Deere Excavator
Summary of Activities:	• 1 loads of material shipped: (1) contaminated soil to WMI Landfill. • Demobilized Frac tank. • Demobilized Kobelco 120 excavator • Backfilled around pier 16. Compacted sub base in parking area in front of garage. • General clean up of area. • Earth Tech shared spray on liner (water boot) information with Foster Wheeler Environmental. Received notification from Foster Wheeler Environmental that cost is in line and that spray on liner is approved • Dug two test pits at property line near Seneca St. No visible or olfactory evidence of impacts in soils. NYSDEC is satisfied and test pits are backfilled.

	• Spray on liner will be installed on January 19 at 0830 hours. • Activities scheduled for January 18, 2002 include: Shipping contaminated soil to WMI Landfill, continue cleaning and consolidating site, demobilize WM roll-offs, final preparations for liner installation, working on punch list items.

Date: Saturday January 19, 2002

Weather:	Cold, cloudy, snow Low 22 F, High 28 F.
Personnel On-site:	Earthtech (3), OSC (0), Foster Wheeler Environmental(1), NYSDEC (1), ASC (0)
Equipment On-site:	Case 721B Rubber tire Loader, Generator, (1) Pick up truck, Small tools, 5 ton roller, JCB Rubber tire Hoe/loader, John Deere Excavator
Summary of Activities:	• 1 load (final) of material shipped: (1) contaminated soil to WMI Landfill. • Installed spray on liner. Applicators arrived at 0900 hours (1 hour late) and informed Earth Tech that the shape and condition of excavation was not right for liner application. Representative of company had made an inspection on Friday and passed the excavation, now reversed his previous assessment. Earth Tech reworked the excavation to the satisfaction of the applicators. Delivery system of spray on liner system was clogged with product and would not work. Applicator crew worked on system until it was decided that parts and maintenance were required. At 1230 hours they departed site to obtain required materials. At 1330 hours began repairs and had the equipment in service by 1400 hours. Applied material to pier 16 excavation first. A layer of geotextile was placed over slope of excavation and coated with material. Another layer of geo-textile was placed over this and coated with material. The final product exceeds 120 mil in thickness. This process was repeated at the pier 11 excavation. While the professionalism and preparedness of the application company is called into question, the final product appears to exceed qualities of the 40 mil HDPE liner. Spray on liner personnel demobilized the site at 1730 hours. No more than 4 hours was spent on actually installing the liner, the remainder was spent repairing the delivery system. Earth Tech will negotiate with

	the liner company on final costs of liner installation. • Activities scheduled for January 21, 2002 include: Placement of flowable fill in excavations at piers 11 and 16, collecting break cylinder samples, backfill of excavations, grading and leveling backfilled areas, general clean up, demobilize sanitary facility, demobilize CONEX box, demobilize remaining WM roll off containers, work off punch list items.

Date: Monday January 21, 2002

Weather:	Cold, cloudy, Low 22 F, High 28 F.
Personnel On-site:	Earthtech (3), OSC (0), Foster Wheeler Environmental(1), NYSDEC (1), ASC (0)
Equipment On-site:	(1) Pick up truck, Small tools, 5 ton roller, JCB Rubber tire Hoe/loader, John Deere Excavator (demobilized)
Summary of Activities:	• Demobilized Front-end loader at 0730 hrs. Demobilized John Deere Excavator at 1500 hours. • Received 70 Yd^3 of flowable fill. Placed flowable fill at excavation of piers 11 and 16. Cover placements with tarps and placed heater. Collected break cylinder samples. Excavations will be ready for backfill in the morning. • Graded traffic areas where crushed stone was placed. General clean up of area, demobilized hand tools, equipment and supplies from site. • Sanitary facility demobilized • Activities scheduled for January 22, 2002 include: Backfill

	excavations at piers 11 and 16, grade areas of crushed stone, demobilize (2) WM roll off boxes, demobilize CONEX box, conduct walk through inspection.

Date: Tuesday January 22, 2002

Weather:	Cold, clear, Low 35 F, High 46 F.
Personnel On-site:	Earthtech (3), OSC (0), Foster Wheeler Environmental(4), NYSDEC (1), ASC (0)
Equipment On-site:	(1) Pick up truck, 5 ton roller, JCB Rubber tire Hoe/loader
Summary of Activities:	• Backfilled on top of flowable fill at piers 11 and 16 • Demobilized back hoe and roller. • Graded traffic areas where crushed stone was placed. General clean up of area, demobilized hand tools, equipment and supplies from site. • Punch list meeting with all parties. Discussed paving issues in spring, requirements for close out report, extending silt fence, site clean up, and format of survey maps. • Earth Tech will be on call for Niagara Mohawk should grading and stone placement be required this winter. Earth Tech will contact facilities concerning the location of Niagara Mohawk trash containers. • No further activities until paving and grading can be accomplished in the spring.

APPENDIX B

NON-HAZARDOUS WASTE MANIFESTS

The total number of manifest pages is approximately 400. The entire manifest package will be provided with the final report.

APPENDIX C

POST-EXCAVATION SAMPLING RESULTS

LABORATORY ANALYTICAL REPORTS

ARE PROVIDED SEPARATELY

LIST OF TABLES

2-1 BTEX Constituents

2-2 PAH Constituents

2-3 VOC Constituents

2-4 SVOC Constituents

2-5 Pesticide Constituents

2-6 PCB Constituents

2-7 Metals

2-8 Cyanide

2-9 Total Petroleum Hydrocarbons

2-10 TCLP Metals

2-11 RCRA Parameters

Table 2-1
Summary of Post-Excavation Analytical Results
BTEX Constituents

Sample ID	New York TAGM	BM-01	BM-04	BM05	BM06	BM07
Lab Sample Number	Rec. Soil	317225	319384	320679	322208	322836
Sampling Date	Cleanup Objective	11/20/01	12/04/01	12/08/01	12/14/01	12/17/01
Matrix	Criteria (ug/kg)	SOLID	SOLID	SOLID	SOLID	SOLID
Dilution Factor	[12/20/00]	1.0	1.0	1.0	1.0	1.0
Units		ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
VOLATILE COMPOUNDS (GC/MS)						
Benzene	60	1.2 U	1.2 U	1.1 U	0.7 J	5.4
Toluene	1500	1.6 J	6.2 U	5.6 U	1.1 J	6.0
Ethylbenzene	5500	2.6 J	5.0 U	4.5 U	0.9 J	4.6 U
Xylene(Total)	1200	6.0 U	6.2 U	5.6 U	2.2 J	1.8 J

Qualifiers

U - The compound was not detected at the indicated concentration.
J - Data indicates the presence of a compound that meets the identification criteria.
The result is less than the quantitation limit but greater than zero.
The concentration given is an approximate value.
B - The analyte was found in the laboratory blank as well as the sample.
This indicates possible laboratory contamination of the environmental sample.
NR - Not analyzed.

Table 2-1
Summary of Post-Excavation Analytical Results
BTEX Constituents

Sample ID	New York TAGM	BM-08	SCP-01	SCP-02	SCP-03	SCP-04
Lab Sample Number	Rec. Soil	326505	315384	315385	315386	315387
Sampling Date	Cleanup Objective	01/10/02	11/15/01	11/15/01	11/15/01	11/15/01
Matrix	Criteria (ug/kg)	SOLID	SOLID	SOLID	SOLID	SOLID
Dilution Factor	[12/20/00]	50.0	1.0	1.0	1.0	1.0
Units		ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
VOLATILE COMPOUNDS (GC/MS)						
Benzene	60	1800	1.1 U	1.1 U	1.2 U	1.2 U
Toluene	1500	610	5.3 U	5.7 U	6.0 U	1.1 J
Ethylbenzene	5500	380 J	4.3 U	4.5 U	4.8 U	4.9 U
Xylene(Total)	1200	2200	5.3 U	5.7 U	6.0 U	6.1 U

Qualifiers

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria.
The result is less than the quantitation limit but greater than zero.
The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample.
This indicates possible laboratory contamination of the environmental sample.

NR - Not analyzed.

Table 2-1
Summary of Post-Excavation Analytical Results
BTEX Constituents

Sample ID	New York TAGM	SW04	SW03	SW05	SW-06	SW-07
Lab Sample Number	Rec. Soil	322209	320678	322837	326506	326507
Sampling Date	Cleanup Objective	12/14/01	12/08/01	12/17/01	01/10/02	01/10/02
Matrix	Criteria (ug/kg)	SOLID	SOLID	SOLID	SOLID	SOLID
Dilution Factor	[12/20/00]	1.0	1.0	1.0	1.0	1.0
Units		ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
VOLATILE COMPOUNDS (GC/MS)						
Benzene	60	1.1 U	0.8 J	13	3.4	2.5
Toluene	1500	5.4 U	5.4 U	7.9	0.7 J	0.9 J
Ethylbenzene	5500	4.3 U	1.2 J	38	2.5 J	4.2 J
Xylene(Total)	1200	5.4 U	1.9 J	10	4.8 J	3.8 J

Qualifiers

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria.
The result is less than the quantitation limit but greater than zero.
The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample.
This indicates possible laboratory contamination of the environmental sample.

NR - Not analyzed.

Table 2-1
Summary of Post-Excavation Analytical Results
BTEX Constituents

Sample ID	New York TAGM	TP5-SW1	TP7-SW2	TP6-SW3
Lab Sample Number	Rec. Soil	307641	307642	308127
Sampling Date	Cleanup Objective	10/16/01	10/16/01	10/17/01
Matrix	Criteria (ug/kg)	SOLID	SOLID	SOLID
Dilution Factor	[12/20/00]	1.0	50.0	1.0
Units		ug/Kg	ug/Kg	ug/Kg
VOLATILE COMPOUNDS (GC/MS)				
Benzene	60	6.3	73 J	0.6 J
Toluene	1500	1.8 J	68 J	1.1 J
Ethylbenzene	5500	14	350 J	11
Xylene(Total)	1200	1.6 J	68 J	0.9 J

Qualifiers

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria.
The result is less than the quantitation limit but greater than zero.
The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample.
This indicates possible laboratory contamination of the environmental sample.

NR - Not analyzed.

Table 2-2
Summary of Post-Excavation Analytical Results
PAH Constituents

Sample ID	New York TAGM	BM-01	BM-02	BM-04	BM05	BM06
Lab Sample Number	Rec. Soil	317225	317690	319384	320679	322208
Sampling Date	Cleanup Objective	11/20/01	11/27/01	12/04/01	12/08/01	12/14/01
Matrix	Criteria (ug/kg)	SOLID	SOLID	SOLID	SOLID	SOLID
Dilution Factor	[12/20/00]	5.0	1.0	1.0	1.0	10.0
Units		ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
SEMIVOLATILE COMPOUNDS (GC/MS)						
Naphthalene	13000	2000 U	21 J	380 U	400	1700 J
Acenaphthylene	50000	3200	350 U	250 J	100 J	700 J
Acenaphthene	50000	7900	18 J	240 J	770	7300
Fluorene	50000	9600	18 J	290 J	920	9000
Phenanthrene	50000	42000	50 J	910	2300	24000
Anthracene	50000	9200	12 J	300 J	640	5300
Fluoranthene	50000	12000	8.0 J	610	420	4600
Pyrene	50000	18000	12 J	880	600	5800
Benzo(a)anthracene	224 or MDL	5400	35 U	320	140	1700
Chrysene	400	5300	350 U	310 J	150 J	1700 J
Benzo(b)fluoranthene	220 or MDL	2900	35 U	250	66	960
Benzo(k)fluoranthene	220 or MDL	1200	35 U	140	32 J	460
Benzo(a)pyrene	61 or MDL	3400	35 U	280	55	1000
Indeno(1,2,3-cd)pyrene	3200	1400	35 U	38 U	39 U	340 J
Dibenz(a,h)anthracene	14.3 or MDL	390	35 U	38 U	39 U	110 J
Benzo(g,h,i)perylene	50000	1200 J	350 U	170 J	390 U	370 J

Qualifiers

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria.
The result is less than the quantitation limit but greater than zero.
The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample.
This indicates possible laboratory contamination of the environmental sample.

NR - Not analyzed.

Table 2-2
Summary of Post-Excavation Analytical Results
PAH Constituents

Sample ID	New York TAGM	BM07	BM-08	SCP-01	SCP-02	SCP-03
Lab Sample Number	Rec. Soil	322836	326505	315384	315385	315386
Sampling Date	Cleanup Objective	12/17/01	01/10/02	11/15/01	11/15/01	11/15/01
Matrix	Criteria (ug/kg)	SOLID	SOLID	SOLID	SOLID	SOLID
Dilution Factor	[12/20/00]	1.0	20.0	1.0	1.0	1.0
Units		ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
SEMIVOLATILE COMPOUNDS (GC/MS)						
Naphthalene	13000	210 J	44000	370 U	380 U	400 U
Acenaphthylene	50000	230 J	5600 J	370 U	380 U	400 U
Acenaphthene	50000	1000	60000	7.7 J	380 U	400 U
Fluorene	50000	1000	52000	370 U	380 U	400 U
Phenanthrene	50000	2800	140000	9.8 J	380 U	400 U
Anthracene	50000	660	26000	370 U	380 U	400 U
Fluoranthene	50000	730	21000	17 J	380 U	400 U
Pyrene	50000	930	26000	27 J	380 U	400 U
Benzo(a)anthracene	224 or MDL	240	6900	37 U	38 U	40 U
Chrysene	400	240 J	6500 J	370 U	380 U	400 U
Benzo(b)fluoranthene	220 or MDL	100	3200	37 U	38 U	40 U
Benzo(k)fluoranthene	220 or MDL	73	1700	37 U	38 U	40 U
Benzo(a)pyrene	61 or MDL	110	2100	37 U	38 U	40 U
Indeno(1,2,3-cd)pyrene	3200	39	1500	37 U	38 U	40 U
Dibenz(a,h)anthracene	14.3 or MDL	9.0 J	730 U	37 U	38 U	40 U
Benzo(g,h,i)perylene	50000	39 J	1700 J	370 U	380 U	400 U

Qualifiers

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria.
The result is less than the quantitation limit but greater than zero.
The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample.
This indicates possible laboratory contamination of the environmental sample.

NR - Not analyzed.

Table 2-2
Summary of Post-Excavation Analytical Results
PAH Constituents

Sample ID	New York TAGM	SCP-04	SW-01	SW04	SW03	SW05
Lab Sample Number	Rec. Soil	315387	317691	322209	320678	322837
Sampling Date	Cleanup Objective	11/15/01	11/27/01	12/14/01	12/08/01	12/17/01
Matrix	Criteria (ug/kg)	SOLID	SOLID	SOLID	SOLID	SOLID
Dilution Factor	[12/20/00]	1.0	1.0	10.0	25.0	100.0
Units		ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
SEMIVOLATILE COMPOUNDS (GC/MS)						
Naphthalene	13000	410 U	360 U	3700 U	3900 J	39000 J
Acenaphthylene	50000	410 U	37 J	2900 J	2300 J	16000 J
Acenaphthene	50000	410 U	49 J	6900	18000	160000
Fluorene	50000	410 U	51 J	13000	20000	150000
Phenanthrene	50000	16 J	120 J	17000	51000	420000
Anthracene	50000	410 U	46 J	5100	12000	93000
Fluoranthene	50000	33 J	43 J	10000	10000	76000
Pyrene	50000	29 J	80 J	14000	14000	98000
Benzo(a)anthracene	224 or MDL	21 J	21 J	3900	3800	27000
Chrysene	400	18 J	18 J	4100	3400 J	26000 J
Benzo(b)fluoranthene	220 or MDL	20 J	27 J	2400	2300	13000
Benzo(k)fluoranthene	220 or MDL	41 U	7.9 J	940	940 J	6400
Benzo(a)pyrene	61 or MDL	12 J	46	2600	2300	15000
Indeno(1,2,3-cd)pyrene	3200	41 U	21 J	1100	490 J	6000
Dibenz(a,h)anthracene	14.3 or MDL	41 U	36 U	370	970 U	4100 U
Benzo(g,h,i)perylene	50000	410 U	23 J	1000 J	340 J	6800 J

Qualifiers

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria.
The result is less than the quantitation limit but greater than zero.
The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample.
This indicates possible laboratory contamination of the environmental sample.

NR - Not analyzed.

Table 2-2
Summary of Post-Excavation Analytical Results
PAH Constituents

Sample ID	New York TAGM	SW-06	SW-07	TP5-SW1	TP7-SW2	TP6-SW3
Lab Sample Number	Rec. Soil	326506	326507	307641	307642	308127
Sampling Date	Cleanup Objective	01/10/02	01/10/02	10/16/01	10/16/01	10/17/01
Matrix	Criteria (ug/kg)	SOLID	SOLID	SOLID	SOLID	SOLID
Dilution Factor	[12/20/00]	10.0	50.0	20.0	50.0	1.0
Units		ug/Kg	ug/Kg	ug/Kg	ug/Kg	ug/Kg
SEMIVOLATILE COMPOUNDS (GC/MS)						
Naphthalene	13000	160 J	4800 J	13000	14000 J	35 J
Acenaphthylene	50000	1200 J	5700 J	4200 J	8400 J	290 J
Acenaphthene	50000	38000	160000	53000	83000	2200
Fluorene	50000	32000	120000	47000	69000	1900
Phenanthrene	50000	63000	360000	150000	200000	9200 E
Anthracene	50000	22000	63000	27000	38000	2000
Fluoranthene	50000	20000	53000	23000	28000	1400
Pyrene	50000	24000	62000	28000	38000	2000
Benzo(a)anthracene	224 or MDL	6300	15000	8900	11000	650
Chrysene	400	6200	14000 J	8000	10000 J	630
Benzo(b)fluoranthene	220 or MDL	2800	6200	4400	4100	310
Benzo(k)fluoranthene	220 or MDL	1400	3500	1900	1900 U	150
Benzo(a)pyrene	61 or MDL	2900	6400	6000	6000	400
Indeno(1,2,3-cd)pyrene	3200	1100	2400	2500	1900 U	160
Dibenz(a,h)anthracene	14.3 or MDL	280 J	1900 U	780	1900 U	57
Benzo(g,h,i)perylene	50000	1200 J	2900 J	2600 J	2400 J	170 J

Qualifiers

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria.
The result is less than the quantitation limit but greater than zero.
The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample.
This indicates possible laboratory contamination of the environmental sample.

NR - Not analyzed.

Table 2-2
Summary of Post-Excavation Analytical Results
PAH Constituents

Sample ID Lab Sample Number Sampling Date Matrix Dilution Factor Units	New York TAGM Rec. Soil Cleanup Objective Criteria (ug/kg) [12/20/00]
SEMIVOLATILE COMPOUNDS (GC/MS)	
Naphthalene	13000
Acenaphthylene	50000
Acenaphthene	50000
Fluorene	50000
Phenanthrene	50000
Anthracene	50000
Fluoranthene	50000
Pyrene	50000
Benzo(a)anthracene	224 or MDL
Chrysene	400
Benzo(b)fluoranthene	220 or MDL
Benzo(k)fluoranthene	220 or MDL
Benzo(a)pyrene	61 or MDL
Indeno(1,2,3-cd)pyrene	3200
Dibenz(a,h)anthracene	14.3 or MDL
Benzo(g,h,i)perylene	50000

Qualifiers

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria.
The result is less than the quantitation limit but greater than zero.
The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample.
This indicates possible laboratory contamination of the environmental sample.

NR - Not analyzed.

Table 2-3
Summary of Post-Excavation Analytical Results
Volatile Organic Compounds

Sample ID	New York TAGM	Clean_Back_Fill	BM-02	SW-01	Waste Pile WP1
Lab Sample Number	Rec. Soil	310765	317690	317691	307643
Sampling Date	Cleanup Objective	10/29/01	11/27/01	11/27/01	10/16/01
Matrix	Criteria (ug/kg)	SOLID	SOLID	SOLID	SOLID
Dilution Factor	[12/20/00]	1.0	1.0	1.0	50.0
Units		ug/Kg	ug/Kg	ug/Kg	ug/Kg
VOLATILE COMPOUNDS (GC/MS)					
Chloromethane	NA	5.1 U	5.2 U	5.4 U	560 U
Bromomethane	NA	5.1 U	5.2 U	5.4 U	560 U
Vinyl Chloride	200	5.1 U	5.2 U	5.4 U	560 U
Chloroethane	1900	5.1 U	5.2 U	5.4 U	560 U
MethyleneChloride	100	2.0 JB	1.9 JB	3.2 U	340 U
Acetone	200	5.1 U	56	21	NR
CarbonDisulfide	2700	0.6 J	4.0 J	0.8 J	NR
1,1-Dichloroethene	400	2.0 U	2.1 U	2.2 U	220 U
1,1-Dichloroethane	200	5.1 U	5.2 U	5.4 U	560 U
trans-1,2-Dichloroethene	300	5.1 U	5.2 U	5.4 U	560 U
cis-1,2-Dichloroethene	NA	5.1 U	5.2 U	0.7 J	560 U
Chloroform	300	5.1 U	5.2 U	5.4 U	560 U
1,2-Dichloroethane	100	2.0 U	2.1 U	2.2 U	220 U
2-Butanone	300	5.1 U	5.2 U	5.4 U	NR
1,1,1-Trichloroethane	800	5.1 U	5.2 U	5.4 U	560 U
Carbon Tetrachloride	600	2.0 U	2.1 U	2.2 U	220 U
Bromodichloromethane	NA	1.0 U	1.0 U	1.1 U	110 U
1,2-Dichloropropane	NA	1.0 U	1.0 U	1.1 U	110 U
cis-1,3-Dichloropropene	NA	5.1 U	5.2 U	5.4 U	560 U
Trichloroethene	700	1.0 U	1.0 U	2.1	110 U
Dibromochloromethane	NA	5.1 U	5.2 U	5.4 U	560 U
1,1,2-Trichloroethane	NA	3.1 U	3.1 U	3.2 U	340 U
Benzene	60	1.0 U	0.7 J	1.1 U	110 U
trans-1,3-Dichloropropene	NA	5.1 U	5.2 U	5.4 U	560 U
Bromoform	NA	4.1 U	4.1 U	4.3 U	110 U
4-Methyl-2-Pentanone	1000	5.1 U	5.2 U	5.4 U	NR
2-Hexanone	NA	5.1 U	5.2 U	5.4 U	NR
Tetrachloroethene	1400	1.0 U	3.6	30	110 U
1,1,2,2-Tetrachloroethane	600	1.0 U	1.0 U	1.1 U	110 U
Toluene	1500	5.1 U	3.4 J	5.4 U	560 U
Chlorobenzene	1700	5.1 U	5.2 U	5.4 U	560 U

Table 2-3
Summary of Post-Excavation Analytical Results
Volatile Organic Compounds

Sample ID	New York TAGM	Clean_Back_Fill	BM-02	SW-01	Waste Pile WP1
Lab Sample Number	Rec. Soil	310765	317690	317691	307643
Sampling Date	Cleanup Objective	10/29/01	11/27/01	11/27/01	10/16/01
Matrix	Criteria (ug/kg)	SOLID	SOLID	SOLID	SOLID
Dilution Factor	[12/20/00]	1.0	1.0	1.0	50.0
Units		ug/Kg	ug/Kg	ug/Kg	ug/Kg
VOLATILE COMPOUNDS (GC/MS)					
Ethylbenzene	5500	4.1 U	4.1 U	4.3 U	290 J
Styrene	NA	5.1 U	5.2 U	5.4 U	NR
Xylene (Total)	1200	5.1 U	5.2 U	5.4 U	560 U
Trichlorofluoromethane	NA	NR	NR	NR	560 U
2-ChloroethylVinylEther	NA	NR	NR	NR	450 U

Individual and Total VOCs < 10,000 ug/kg

Qualifiers

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample

NR - Not analyzed.

Table 2-4
Summary of Post-Excavation Analytical Results
Semi-Volatile Organic Compounds

Sample ID	New York TAGM	Clean_Back_Fill	Waste Pile WP1
Lab Sample Number	Rec. Soil	310765	307643
Sampling Date	Cleanup Objective	10/29/01	10/16/01
Matrix	Criteria (ug/kg)	SOLID	SOLID
Dilution Factor	[12/20/00]	1.0	20.0
Units		ug/Kg	ug/Kg
SEMIVOLATILE COMPOUNDS (GC/MS)			
Phenol	30 or MDL	350 U	37000 U
2-Chlorophenol	800	350 U	37000 U
2-Methylphenol	100 or MDL	350 U	37000 U
4-Methylphenol	900	350 U	37000 U
2-Nitrophenol	330 or MDL	350 U	37000 U
2,4-Dimethylphenol	NA	350 U	37000 U
2,4-Dichlorophenol	400	350 U	37000 U
4-Chloro-3-methylphenol	240 or MDL	350 U	37000 U
2,4,6-Trichlorophenol	NA	350 U	37000 U
2,4,5-Trichlorophenol	100	350 U	37000 U
2,4-Dinitrophenol	200 or MDL	1400 U	150000 U
4-Nitrophenol	100 or MDL	1400 U	150000 U
4,6-Dinitro-2-methylphenol	NA	1400 U	150000 U
Pentachlorophenol	1000	1400 U	150000 U
bis(2-Chloroethyl)ether	NA	35 U	3700 U
1,3-Dichlorobenzene	1600	350 U	37000 U
1,4-Dichlorobenzene	8500	350 U	37000 U
1,2-Dichlorobenzene	7900	350 U	37000 U
bis(2-chloroisopropyl)ether	NA	350 U	37000 U
N-Nitroso-di-n-propylamine	NA	35 U	3700 U
Hexachloroethane	NA	35 U	3700 U
Nitrobenzene	200 or MDL	35 U	3700 U
Isophorone	4400	350 U	37000 U
bis(2-Chloroethoxy)methane	NA	350 U	37000 U
1,2,4-Trichlorobenzene	3400	35 U	3700 U
Naphthalene	13000	350 U	24000 J
4-Chloroaniline	220 or MDL	350 U	37000 U
Hexachlorobutadiene	NA	70 U	7400 U
2-Methylnaphthalene	36400	350 U	74000
Hexachlorocyclopentadiene	NA	350 U	37000 U

Table 2-4
Summary of Post-Excavation Analytical Results
Semi-Volatile Organic Compounds

Sample ID	New York TAGM	Clean_Back_Fill	Waste Pile WP1
Lab Sample Number	Rec. Soil	310765	307643
Sampling Date	Cleanup Objective	10/29/01	10/16/01
Matrix	Criteria (ug/kg)	SOLID	SOLID
Dilution Factor	[12/20/00]	1.0	20.0
Units		ug/Kg	ug/Kg
SEMIVOLATILE COMPOUNDS (GC/MS)			
2-Chloronaphthalene	NA	350 U	37000 U
2-Nitroaniline	430 or MDL	700 U	74000 U
Dimethylphthalate	2000	350 U	37000 U
Acenaphthylene	50000	350 U	35000 J
2,6-Dinitrotoluene	1000	70 U	7400 U
3-Nitroaniline	500 or MDL	700 U	74000 U
Acenaphthene	50000	350 U	250000
Dibenzofuran	6200	350 U	40000
2,4-Dinitrotoluene	NA	70 U	7400 U
Diethylphthalate	7100	350 U	37000 U
4-Chlorophenyl-phenylether	NA	350 U	37000 U
Fluorene	50000	350 U	220000
4-Nitroaniline	NA	700 U	74000 U
N-Nitrosodiphenylamine	NA	350 U	37000 U
4-Bromophenyl-phenylether	NA	350 U	37000 U
Hexachlorobenzene	410	35 U	3700 U
Phenanthrene	50000	350 U	690000
Anthracene	50000	350 U	150000
Carbazole	NA	350 U	6100 J
Di-n-butylphthalate	8100	350 U	38000 U
Fluoranthene	50000	350 U	130000
Pyrene	50000	350 U	180000
Butylbenzylphthalate	50000	350 U	37000 U
3,3'-Dichlorobenzidine	NA	700 U	74000 U
Benzo(a)anthracene	224 or MDL	35 U	47000
Chrysene	400	350 U	47000
bis(2-Ethylhexyl)phthalate	50000	350 U	37000 U
Di-n-octylphthalate	50000	350 U	37000 U
Benzo(b)fluoranthene	220 or MDL	35 U	24000
Benzo(k)fluoranthene	220 or MDL	35 U	9700

Table 2-4
Summary of Post-Excavation Analytical Results
Semi-Volatile Organic Compounds

Sample ID	New York TAGM	Clean_Back_Fill	Waste Pile WP1
Lab Sample Number	Rec. Soil	310765	307643
Sampling Date	Cleanup Objective	10/29/01	10/16/01
Matrix	Criteria (ug/kg)	SOLID	SOLID
Dilution Factor	[12/20/00]	1.0	20.0
Units		ug/Kg	ug/Kg
SEMIVOLATILE COMPOUNDS (GC/MS)			
Benzo(a)pyrene	61 or MDL	35 U	31000
Indeno(1,2,3-cd)pyrene	3200	35 U	13000
Dibenz(a,h)anthracene	14.3 or MDL	35 U	3600 J
Benzo(g,h,i)perylene	50000	350 U	15000 J

Indicividual carcinogenic SVOCs < 50,000 ug/kg and Total SVOCs < 500,000 ug/kg

Qualifiers

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

NR - Not analyzed.

Table 2-5
Summary of Post-Excavation Analytical Results
Pesticide Compounds

Sample ID	New York TAGM	Clean_Back_Fill
Lab Sample Number	Rec. Soil	310765
Sampling Date	Cleanup Objective	10/29/01
Matrix	Criteria (ug/kg)	SOLID
Dilution Factor		1.0
Units		ug/kg
PESTICIDES/PCBs		
Aldrin	41	7.0 U
alpha-BHC	110	7.0 U
beta-BHC	200	7.0 U
delta-BHC	300	7.0 U
gamma-BHC(Lindane)	60	7.0 U
Chlordane	540	70 U
4,4'-DDD	2900	7.0 U
4,4'-DDE	2100	7.0 U
4,4'-DDT	2100	7.0 U
Dieldrin	44	7.0 U
EndosulfanI	900	7.0 U
EndosulfanII	900	7.0 U
Endosulfansulfate	1000	7.0 U
Endrin	100	7.0 U
Endrinaldehyde	NA	7.0 U
Endrinketone	NA	7.0 U
Heptachlor	100	7.0 U
Heptachlorepoxide	20	7.0 U
Methoxychlor	NA	7.0 U
Toxaphene	NA	70 U

Total pesticides < 10,000 ug/kg

Qualifiers

U - The compound was not detected at the indicated concentration.
J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The concentration given is an approximate value.
B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%
* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.
NR - Not analyzed.

Table 2-6
Summary of Post-Excavation Analytical Results
Polychlorinated Biphenyls

Sample ID	New York TAGM	Clean_Back_Fill	BM-02	BM-04	SW-01	Waste Pile WP1
Lab Sample Number	Rec. Soil	310765	317690	319384	317691	307643
Sampling Date	Cleanup Objective	10/29/01	11/27/01	12/04/01	11/27/01	10/16/01
Matrix	Criteria (ug/kg)	SOLID	SOLID	SOLID	SOLID	SOLID
Dilution Factor		1.0	1.0	1.0	1.0	1.0
Units		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
PESTICIDES/PCBs						
Aroclor-1016	1000 (surface) / 10000 (subsurface)	70 U	71 U	76 U	73 U	75 U
Aroclor-1221	1000 (surface) / 10000 (subsurface)	70 U	71 U	76 U	73 U	75 U
Aroclor-1232	1000 (surface) / 10000 (subsurface)	70 U	71 U	76 U	73 U	75 U
Aroclor-1242	1000 (surface) / 10000 (subsurface)	70 U	71 U	76 U	73 U	75 U
Aroclor-1248	1000 (surface) / 10000 (subsurface)	70 U	71 U	76 U	73 U	75 U
Aroclor-1254	1000 (surface) / 10000 (subsurface)	70 U	71 U	76 U	73 U	240
Aroclor-1260	1000 (surface) / 10000 (subsurface)	70 U	71 U	76 U	73 U	75 U
Aroclor-1262	1000 (surface) / 10000 (subsurface)	70 U	71 U	76 U	73 U	75 U
Aroclor-1268	1000 (surface) / 10000 (subsurface)	70 U	71 U	76 U	73 U	75 U

Qualifiers

U - The compound was not detected at the indicated concentration.
J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero. The concentration given is an approximate value.
B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.
P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%
* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.
NR - Not analyzed.

Table 2-7
Summary of Post-Excavation Analytical Results
Metals

Sample ID	New York TAGM	Clean_Back_Fill	Waste Pile PI-01	Dup	Waste Pile PI-02
Lab Sample Number	Rec. Soil	310765	321198	321199	321197
Sampling Date	Cleanup Objective	10/29/01	12/12/01	12/12/01	12/12/01
Matrix	Criteria (mg/kg)	SOLID	SOLID	SOLID	SOLID
Dilution Factor		NA	NA	NA	NA
Units		mg/kg	mg/kg	mg/kg	mg/kg
METALS					
Aluminum	SB	4120	NR	NR	NR
Antimony	SB	1.2 U	NR	NR	NR
Arsenic	7.5 or SB	2.1	NR	NR	NR
Barium	300 or SB	14.0 B	NR	NR	NR
Beryllium	0.16 or SB	0.26 B	NR	NR	NR
Cadmium	1 or SB	0.084 U	58.7	64.9	135
Calcium	SB	16300	NR	NR	NR
Chromium	10 or SB	6.1	273	307	463
Cobalt	30 or SB	3.8 B	NR	NR	NR
Copper	25 or SB	11.8	NR	NR	NR
Iron	2000 or SB	11200	NR	NR	NR
Lead	SB	3.6	1280	1480	1920
Magnesium	SB	2200	NR	NR	NR
Manganese	SB	223	NR	NR	NR
Mercury	0.1	0.017 U	NR	NR	NR
Nickel	13 or SB	10.0	NR	NR	NR
Potassium	SB	376 B	NR	NR	NR
Selenium	2 or SB	0.88 U	NR	NR	NR
Silver	SB	0.29 U	NR	NR	NR
Sodium	SB	98.5 B	NR	NR	NR
Thallium	SB	0.99 U	NR	NR	NR
Vanadium	150 or SB	9.0 B	NR	NR	NR
Zinc	20 or SB	27.8	NR	NR	NR

SB indicates site background.

Qualifiers

U - The compound was not detected at the indicated concentration.
B - Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.
N - The spiked sample recovery is not within control limits.
NR - Not analyzed.

Table 2-7
Summary of Post-Excavation Analytical Results
Metals

Sample ID	New York TAGM	Waste Pile P3-01	Waste Pile P3-03	Waste Pile P4-01	Waste Pile P4-02
Lab Sample Number	Rec. Soil	321208	321207	321205	321206
Sampling Date	Cleanup Objective	12/11/01	12/11/01	12/11/01	12/11/01
Matrix	Criteria (mg/kg)	SOLID	SOLID	SOLID	SOLID
Dilution Factor		NA	NA	NA	NA
Units		mg/kg	mg/kg	mg/kg	mg/kg
METALS					
Aluminum	SB	NR	NR	NR	NR
Antimony	SB	NR	NR	NR	NR
Arsenic	7.5 or SB	NR	NR	NR	NR
Barium	300 or SB	NR	NR	NR	NR
Beryllium	0.16 or SB	NR	NR	NR	NR
Cadmium	1 or SB	25.4	87.6	88.9	73.1
Calcium	SB	NR	NR	NR	NR
Chromium	10 or SB	82.3	274	245	240
Cobalt	30 or SB	NR	NR	NR	NR
Copper	25 or SB	NR	NR	NR	NR
Iron	2000 or SB	NR	NR	NR	NR
Lead	SB	414	1170	1110	1020
Magnesium	SB	NR	NR	NR	NR
Manganese	SB	NR	NR	NR	NR
Mercury	0.1	NR	NR	NR	NR
Nickel	13 or SB	NR	NR	NR	NR
Potassium	SB	NR	NR	NR	NR
Selenium	2 or SB	NR	NR	NR	NR
Silver	SB	NR	NR	NR	NR
Sodium	SB	NR	NR	NR	NR
Thallium	SB	NR	NR	NR	NR
Vanadium	150 or SB	NR	NR	NR	NR
Zinc	20 or SB	NR	NR	NR	NR

SB indicates site background.

Qualifiers

U - The compound was not detected at the indicated concentration.
B - Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.
N - The spiked sample recovery is not within control limits.
NR - Not analyzed.

Table 2-7
Summary of Post-Excavation Analytical Results
Metals

Sample ID	New York TAGM	Waste Pile P5-02	Waste Pile P5-03	Waste Pile PA-10	Waste Pile PA-12
Lab Sample Number	Rec. Soil	321203	321204	321200	321201
Sampling Date	Cleanup Objective	12/11/01	12/11/01	12/12/01	12/12/01
Matrix	Criteria (mg/kg)	SOLID	SOLID	SOLID	SOLID
Dilution Factor		NA	NA	NA	NA
Units		mg/kg	mg/kg	mg/kg	mg/kg
METALS					
Aluminum	SB	NR	NR	NR	NR
Antimony	SB	NR	NR	NR	NR
Arsenic	7.5 or SB	NR	NR	NR	NR
Barium	300 or SB	NR	NR	NR	NR
Beryllium	0.16 or SB	NR	NR	NR	NR
Cadmium	1 or SB	46.6	70.9	103	83.1
Calcium	SB	NR	NR	NR	NR
Chromium	10 or SB	130	198	465	449
Cobalt	30 or SB	NR	NR	NR	NR
Copper	25 or SB	NR	NR	NR	NR
Iron	2000 or SB	NR	NR	NR	NR
Lead	SB	752	1080	847	763
Magnesium	SB	NR	NR	NR	NR
Manganese	SB	NR	NR	NR	NR
Mercury	0.1	NR	NR	NR	NR
Nickel	13 or SB	NR	NR	NR	NR
Potassium	SB	NR	NR	NR	NR
Selenium	2 or SB	NR	NR	NR	NR
Silver	SB	NR	NR	NR	NR
Sodium	SB	NR	NR	NR	NR
Thallium	SB	NR	NR	NR	NR
Vanadium	150 or SB	NR	NR	NR	NR
Zinc	20 or SB	NR	NR	NR	NR

SB indicates site background.

Qualifiers

U - The compound was not detected at the indicated concentration.
B - Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.
N - The spiked sample recovery is not within control limits.
NR - Not analyzed.

Table 2-7
Summary of Post-Excavation Analytical Results
Metals

Sample ID	New York TAGM	Waste Pile PA-13	Waste Pile PZ-02	Waste Pile PZ-03	Waste Pile WP1
Lab Sample Number	Rec. Soil	321202	321196	321195	307643
Sampling Date	Cleanup Objective	12/12/01	12/12/01	12/12/01	10/16/01
Matrix	Criteria (mg/kg)	SOLID	SOLID	SOLID	SOLID
Dilution Factor		NA	NA	NA	NA
Units		mg/kg	mg/kg	mg/kg	mg/kg
METALS					
Aluminum	SB	NR	NR	NR	NR
Antimony	SB	NR	NR	NR	NR
Arsenic	7.5 or SB	NR	NR	NR	4.7
Barium	300 or SB	NR	NR	NR	147
Beryllium	0.16 or SB	NR	NR	NR	NR
Cadmium	1 or SB	131	81.5	85.0	3.0
Calcium	SB	NR	NR	NR	NR
Chromium	10 or SB	506	250	261	6.6
Cobalt	30 or SB	NR	NR	NR	NR
Copper	25 or SB	NR	NR	NR	NR
Iron	2000 or SB	NR	NR	NR	NR
Lead	SB	779	952	1060	578
Magnesium	SB	NR	NR	NR	NR
Manganese	SB	NR	NR	NR	NR
Mercury	0.1	NR	NR	NR	0.02 B
Nickel	13 or SB	NR	NR	NR	NR
Potassium	SB	NR	NR	NR	NR
Selenium	2 or SB	NR	NR	NR	0.79 U
Silver	SB	NR	NR	NR	0.14 U
Sodium	SB	NR	NR	NR	NR
Thallium	SB	NR	NR	NR	NR
Vanadium	150 or SB	NR	NR	NR	NR
Zinc	20 or SB	NR	NR	NR	NR

SB indicates site background.

Qualifiers

U - The compound was not detected at the indicated concentration.
B - Reported value is less than the Method Detection Limit but greater than or equal to the Instrument Detection Limit.
N - The spiked sample recovery is not within control limits.
NR - Not analyzed.

Table 2-8
Summary of Post-Excavation Analytical Results
Cyanide

Sample ID	New York TAGM	Clean_Back_Fill
Lab Sample Number	Rec. Soil	310765
Sampling Date	Cleanup Objective	10/29/01
Matrix	Criteria (mg/kg)	SOLID
Units		mgkg
WET CHEMISTRY		
Total Cyanide	NA	0.5 U

Qualifiers

U - The compound was not detected at the indicated concentration.

NR - Not analyzed.

Table 2-9
Summary of Post-Excavation Analytical Results
Total Petroleum Hydrocarbons

Sample ID	New York TAGM	Waste Pile WP1
Lab Sample Number	Rec. Soil	313235
Sampling Date	Cleanup Objective	10/16/01
Matrix	Criteria (mg/kg)	SOLID
Units		mg/kg
WET CHEMISTRY		
Total Petroleum Hydrocarbons (418.1)	NA	11900

Total SVOCs < 500 mg/kg

Qualifiers

U - The compound was not detected at the indicated concentration.

NR - Not analyzed.

Table 2-10
Summary of Post-Excavation Analytical Results
TCLP Metals

Sample ID	Maximum	Waste Pile PI-01		Dup		Waste Pile PI-02		Waste Pile P3-01		Waste Pile P3-03	
Lab Sample Number	Concentration	321198		321199		321197		321208		321207	
Sampling Date	Allowable for	12/12/01		12/12/01		12/12/01		12/11/01		12/11/01	
Matrix	Toxicity	SOLID		SOLID		SOLID		SOLID		SOLID	
Dilution Factor	Characteristic (mg/l)	NA		NA		NA		NA		NA	
Units		mg/l		mg/l		mg/l		mg/l		mg/l	
TCLP METALS											
Arsenic	5	0.018	U	0.018	U	0.018	U	0.018	U	0.02	B
Barium	100	3.8		5.6		5.4		4.5		5.1	
Cadmium	1	0.03		0.02	B	0.17		0.03		0.06	
Chromium	5	0.007	B	0.01	B	0.01	B	0.03	B	0.008	B
Lead	5	0.39		0.37		1.0		0.21		0.52	
Mercury	0.2	0.00010	U	0.00010	U	0.00010	U	0.00010	U	0.00010	U
Selenium	1	0.023	U	0.023	U	0.023	U	0.023	U	0.023	U
Silver	5	0.0055	U	0.0055	U	0.0055	U	0.01	B	0.0055	U

Qualifiers

U - The compound was not detected at the indicated concentration.
B - Reported value is less than the Method Detection Limit but but greater than or equal to the Instrument Detection Limit.
N - The spiked sample recovery is not within control limits.
NR - Not analyzed.

Table 2-10
Summary of Post-Excavation Analytical Results
TCLP Metals

Sample ID	Maximum	Waste Pile P4-01		Waste Pile P4-02		Waste Pile P5-02		Waste Pile P5-03		Waste Pile PA-10	
Lab Sample Number	Concentration	321205		321206		321203		321204		321200	
Sampling Date	Allowable for	12/11/01		12/11/01		12/11/01		12/11/01		12/12/01	
Matrix	Toxicity	SOLID		SOLID		SOLID		SOLID		SOLID	
Dilution Factor	Characteristic (mg/l)	NA		NA		NA		NA		NA	
Units		mg/l		mg/l		mg/l		mg/l		mg/l	
TCLP METALS											
Arsenic	5	0.018	U	0.018	U	0.018	U	0.02	B	0.018	U
Barium	100	4.5		4.7		3.8		3.3		3.7	
Cadmium	1	0.03		0.06		0.15		0.20		0.22	
Chromium	5	0.02	B	0.02	B	0.02	B	0.02	B	0.02	B
Lead	5	0.21		0.37		0.72		1.0		0.27	
Mercury	0.2	0.00010	U	0.00010	U	0.00010	U	0.00010	U	0.00010	U
Selenium	1	0.023	U	0.023	U	0.023	U	0.023	U	0.023	U
Silver	5	0.02	B	0.0055	U	0.0055	U	0.0055	U	0.0055	U

Qualifiers

U - The compound was not detected at the indicated concentration.
B - Reported value is less than the Method Detection Limit but but greater than or equal to the Instrument Detection Limit.
N - The spiked sample recovery is not within control limits.
NR - Not analyzed.

Table 2-10
Summary of Post-Excavation Analytical Results
TCLP Metals

Sample ID	Maximum	Waste Pile PA-12		Waste Pile PA-13		Waste Pile PZ-02		Waste Pile PZ-03		Waste Pile WP1
Lab Sample Number	Concentration	321201		321202		321196		321195		313235
Sampling Date	Allowable for	12/12/01		12/12/01		12/12/01		12/12/01		10/16/01
Matrix	Toxicity	SOLID		SOLID		SOLID		SOLID		SOLID
Dilution Factor	Characteristic (mg/l)	NA		NA		NA		NA		NA
Units		mg/l		mg/l		mg/l		mg/l		mg/l
TCLP METALS										
Arsenic	5	0.018	U	0.018	U	0.018	U	0.018	U	NR
Barium	100	4.4		13.1		6.1		4.7		NR
Cadmium	1	0.50		0.75		0.03		0.02	B	NR
Chromium	5	0.02	B	0.02	B	0.19		0.0055	U	NR
Lead	5	0.53		0.41		0.29		0.23		0.010 U
Mercury	0.2	0.00010	U	0.00010	U	0.00010	U	0.00010	U	NR
Selenium	1	0.023	U	0.023	U	0.023	U	0.023	U	NR
Silver	5	0.0055	U	0.010	B	0.0055	U	0.006	B	NR

Qualifiers

U - The compound was not detected at the indicated concentration.
B - Reported value is less than the Method Detection Limit but but greater than or equal to the Instrument Detection Limit.
N - The spiked sample recovery is not within control limits.
NR - Not analyzed.

Table 2-11
Summary of Post-Excavation Analytical Results
RCRA Parameters

Sample ID	Regulatory	Waste Pile WP1
Lab Sample Number	Maximum	307643
Sampling Date	Concentration	10/16/01
Matrix	Allowable	SOLID
Units - See Parameter		
WET CHEMISTRY		
Corrosivity - std unit	< 2 or > 12.5	8.14
Ignitability - deg F	< 140	>160
Reactive Cyanide - mg/kg	250	25.0 U
Reactive Sulfide - mg/kg	500	21.1
Total Cyanide - mg/kg	NA	0.5 U
%Sulfur - wt %	NA	0.056

Qualifiers
U - The compound was not detected at the indicated concentration.
NR - Not analyzed.

APPENDIX D
BACKFILL SPECIFICATIONS AND DELIVERY TICKETS

BACKUP FOR BACKFILL

EARTH TECH, INC.
40 BRITISH AMERICAN BLVD
LATHAM, NY 12110

Imported Material: STONE
Ship From: CALLANAN
Ship To: NIAGARA MOHAWK SENECA STREET

QUANTITY	UNITS	TRUCK #	DATE RECEIVED
24.34	tons	mv2	12/18/01
25.40	tons	mv2	12/18/01
37.55	tons	h54	12/21/01
21.38	tons	h44	12/21/01
34.01	tons	h54	12/21/01
20.41	tons	h44	12/21/01
33.12	tons	h54	12/21/01
21.90	tons	h44	12/21/01
21.08	tons	h44	12/21/01
36.51	tons	h54	12/21/01
34.98	tons	h54	12/21/01
21.98	tons	h44	12/21/01
22.70	tons	my2	12/27/01
23.30	tons	mv3	12/27/01
23.20	tons	mv2	12/27/01
23.18	tons	mv3	12/27/01
23.44	tons	mv3	12/27/01
24.23	tons	mv3	12/27/01
24.00	tons	mv2	12/27/01
22.88	tons	mv3	12/27/01
23.08	tons	mv2	12/27/01
24.92	tons	mv3	12/27/01
24.83	tons	m21	01/02/02
23.85	tons	m21	01/02/02
25.68	tons	h44	01/09/02
22.44	tons	h44	01/09/02
21.53	tons	h44	01/09/02
20.96	tons	h44	01/09/02
22.08	tons	h44	01/09/02
20.47	tons	h44	01/09/02
38.22	tons	h56	01/10/02
34.12	tons	h50	01/10/02
33.28	tons	h50	01/10/02
34.26	tons	h56	01/10/02
21.03	tons	h46	01/15/02
20.73	tons	h46	01/15/02
21.42	tons	h46	01/15/02
35.42	tons	h56	01/16/02
20.94	tons	h46	01/16/02
27.92	tons	h56	01/16/02
21.85	tons	h46	01/16/02

32.08	tons	h56	01/16/02
20.77	tons	h46	01/16/02
21.67	tons	h46	01/16/02
30.25	tons	h56	01/16/02
20.50	tons	h56	01/16/02
20.25	tons	h46	01/16/02
20.01	tons	h56	01/16/02
21.28	tons	h46	01/16/02
20.25	tons	H46	01/17/02
20.87	tons	H44	01/17/02
20.08	tons	H46	01/17/02
21.26	tons	H44	01/17/02
20.62	tons	H46	01/17/02
22.59	tons	H44	01/17/02
20.69	tons	H46	01/17/02
21.18	tons	H44	01/17/02
20.44	tons	H46	01/17/02
20.86	tons	H44	01/17/02
19.94	tons	H46	01/17/02
20.18	tons	H44	01/17/02
19.84	tons	H46	01/17/02
22.54	tons	H44	01/17/02

1536.77 **TOTAL TONS OF STONE DELIVERED**

Density of 1.7 tons/cy

1536.77/1.7 = **903.98** Cubic Yards

EARTH TECH, INC.
40 BRITISH AMERICAN BLVD
LATHAM, NY 12110

Imported Material: COBBLES
Ship From: LARNED & SONS
Ship To: NIAGARA MOHAWK SENECA STREET

QUANTITY	UNITS	TRUCK #	DATE RECEIVED
20.75	Tons	38	11/29/01

20.75 **TOTAL TONS OF COBBLES**

Density of 1.8 Tons/cy

11.53 CY

EARTH TECH, INC.
40 BRITISH AMERICAN BLVD
LATHAM, NY 12110

Imported Material: **RUBBLE**
Ship From: **LARNED & SONS**
Ship To: **NIAGARA MOHAWK SENECA STREET**

QUANTITY	UNITS	TRUCK #	DATE RECEIVED
22.73	tons	54	12/10/01
23.68	tons	22	12/14/01
23.49	tons	55	12/14/01

69.90 **TOTAL TONS OF RUBBLE** 41.11cubic yards

Density 1.7 tons/cy
41.12 CY

EARTH TECH, INC.
40 BRITISH AMERICAN BLVD
LATHAM, NY 12110

Imported Material: CLEAN SAND
Ship From: LARNED & SONS
Ship To: NIAGARA MOHAWK SENECA STREET

QUANTITY	UNITS	TRUCK #	DATE RECEIVED
20.00	Cubic Yards	60	11/29/01
78.00	Cubic Yards	47	11/30/01
280.00	Cubic Yards	60	11/30/01
80.00	Cubic Yards	57	11/30/01
120.00	Cubic Yards	66	12/01/01
220.00	Cubic Yards	64	12/01/01
220.00	Cubic Yards	59	12/01/01
100.00	Cubic Yards	60	12/03/01
60.00	Cubic Yards	55	12/03/01
156.00	Cubic Yards	14	12/04/01
182.00	Cubic Yards	46	12/05/01
182.00	Cubic Yards	14	12/05/01
280.00	Cubic Yards	32	12/07/01
80.00	Cubic Yards	54	12/10/01
220.00	Cubic Yards	62	12/10/01
120.00	Cubic Yards	56	12/10/01
240.00	Cubic Yards	62	12/11/01
240.00	Cubic Yards	41	12/11/01
100.00	Cubic Yards	57	12/13/01
100.00	Cubic Yards	62	12/13/01
300.00	Cubic Yards	41	12/14/01
20.00	Cubic Yards	19	12/14/01
160.00	Cubic Yards	60	12/14/01
260.00	Cubic Yards	62	12/14/01
240.00	Cubic Yards	15	01/08/02
224	Cubic Yards	DUMPTRAILER	1/10/02
56	Cubic Yards	DUMPTRAILER	1/15/02
60	Cubic Yards	DUMPTRAILER	1/15/02

4398.00 TOTAL CUBIC YARDS OF SOIL DELIVERED

WM. M. LARNED & SONS, INC.

544 Burdeck St. — Schenectady, N.Y. 12306
Phone (518) 374-6961

JOB # ..... DATE 12/14/01

SOLD TO Earth Tec Inc

JOB LOCATION Seneca St

P.O. # Schdy

COUNTY	COD	CHARGE	F.O.B.	DELIVERY
Sch		✓		✓

QUANTITY	ITEM
23.49	Tons Rubble

TRUCK # 55

RECEIVED BY .....

In the event of delivery beyond curb line, this company will not assume liability for damage to sidewalk, driveway or other property.

490664

WM. M. LARNED & SONS, INC.

544 Burdeck St. — Schenectady, N.Y. 12306
Phone (518) 374-6961

JOB # ..... DATE 12/14/01

SOLD TO Earth Tech

JOB LOCATION Seneca St NIA mo TRAINING FACILITY

P.O. # .....

COUNTY	COD	CHARGE	F.O.B.	DELIVERY
Schen		X		X

QUANTITY	ITEM
20 yds	Sand
20 yds	13 LOADS
20 yds	@
20 yds	20 yds
20 yds	EACH
20 yds	
20 yds	
20 yds	
20 yds	
20 yds	
20 yds	
20 yds	

TRUCK # 62

RECEIVED BY .....

In the event of delivery beyond curb line, this company will not assume liability for damage to sidewalk, driveway or other property.

485721

WM. M. LARNED & SONS, INC.

544 Burdeck St. — Schenectady, N.Y. 12306
Phone (518) 374-6961

JOB # ..... DATE 12/14/01

SOLD TO Earth Tech

JOB LOCATION Seneca

P.O. # .....

COUNTY	COD	CHARGE	F.O.B.	DELIVERY
Schen		X		X

QUANTITY	ITEM
23.68	Rubble

TRUCK # 22

RECEIVED BY .....

In the event of delivery beyond curb line, this company will not assume liability for damage to sidewalk, driveway or other property.

490001

WM. M. **LARNED** & SONS, INC.

544 Burdeck St. — Schenectady, N.Y. 12306
Phone (518) 374-6961

JOB # ..... DATE 12/14/01

SOLD TO Earth Tech - Niskayuna

JOB LOCATION Seneca Street

P.O. # Selkby NY

COUNTY	COD	CHARGE	F.O.B.	DELIVERY
		✓		✓

QUANTITY	ITEM
20yds	20yds Sand

TRUCK # 19-Ert

RECEIVED BY .....

In the event of delivery beyond curb line, this company will not assume liability for damage to sidewalk, driveway or other property.

189575

WM. M. **LARNED** & SONS, INC.

544 Burdeck St. — Schenectady, N.Y. 12306
Phone (518) 374-6961

JOB # ..... DATE 12/14/01

SOLD TO Earth Tech

JOB LOCATION Seneca St

P.O. # .....

COUNTY	COD	CHARGE	F.O.B.	DELIVERY
Sch		✓		✓

QUANTITY	ITEM
20 yds	sand loads
IIII III	
8 lds total	

TRUCK # 60

RECEIVED BY Lael A. Deak

In the event of delivery beyond curb line, this company will not assume liability for damage to sidewalk, driveway or other property.

189550

WM. M. **LARNED** & SONS, INC.

544 Burdeck St. — Schenectady, N.Y. 12306
Phone (518) 374-6961

JOB # .... DATE 12/13/01

SOLD TO Earth Tech

JOB LOCATION Seneca St Nia Mo Training Fir

P.O. # ....

COUNTY	COD	CHARGE	F.O.B.	DELIVERY
Schdy		✓		✓

QUANTITY	ITEM
20 yds 20 yds 20 yds 20 yds 20 yds	Sand (5) LOADS @ 20 yd EACH

TRUCK # 62

RECEIVED BY [illegible]

In the event of delivery beyond curb line, this company will not assume liability for damage to sidewalk, driveway or other property.

485719

WM. M. **LARNED** & SONS, INC.

544 Burdeck St. — Schenectady, N.Y. 12306
Phone (518) 374-6961

JOB # .... DATE 12/14/01

SOLD TO Earth Tech

JOB LOCATION Senaca St

P.O. # ....

COUNTY	COD	CHARGE	F.O.B.	DELIVERY
Schdy		X		X

QUANTITY	ITEM
𝍸 𝍸 𝍸	20yds Sand Per Load

Dan [signature]

TRUCK # 41

RECEIVED BY ....

In the event of delivery beyond curb line, this company will not assume liability for damage to sidewalk, driveway or other property.

491151

WM. M. LARNED & SONS, INC.
544 Burdeck St. — Schenectady, N.Y. 12306
Phone (518) 374-6961

JOB # ..... DATE 12/11/01
SOLD TO Earth Tech
JOB LOCATION Seneca St
P.O. # .....

COUNTY	COD	CHARGE	F.O.B.	DELIVERY
Schdy		X		X

QUANTITY	ITEM
IIII IIII II	20yds Sand Per Load

TRUCK # 41
RECEIVED BY Carolyn ET 11696
In the event of delivery beyond curb line, this company will not assume liability for damage to sidewalk, driveway or other property.
487548

WM. M. LARNED & SONS, INC.
544 Burdeck St. — Schenectady, N.Y. 12306
Phone (518) 374-6961

JOB # ..... DATE 12/13/01
SOLD TO EARTH TECH.
JOB LOCATION SENECA ST.
P.O. # .....

COUNTY	COD	CHARGE	F.O.B.	DELIVERY
SCHDY.		✓		✓

QUANTITY	ITEM
20	YDS SAND
IIII	5 LOADS

TRUCK # 57
RECEIVED BY
In the event of delivery beyond curb line, this company will not assume liability for damage to sidewalk, driveway or other property.
491116

WM. M. LARNED & SONS, INC.

544 Burdeck St. — Schenectady, N.Y. 12306
Phone (518) 374-6961

JOB # ..... DATE 12/10/01

SOLD TO Earth Tech

JOB LOCATION Seneca St.

P.O. # .....

COUNTY	COD	CHARGE	F.O.B.	DELIVERY
Sch.		/		/

QUANTITY	ITEM
#20yds.	Sand
#+++ 1	# 6 bdr.

TRUCK # 52

RECEIVED BY J.H.

In the event of delivery beyond curb line, this company will not assume liability for damage to sidewalk, driveway or other property.

487782

WM. M. LARNED & SONS, INC.

544 Burdeck St. — Schenectady, N.Y. 12306
Phone (518) 374-6961

JOB # ..... DATE 12/11/01

SOLD TO Earth Tech

JOB LOCATION Seneca St Niagara Mo Training Facil. Rd

P.O. # .....

COUNTY	COD	CHARGE	F.O.B.	DELIVERY
Sch		x		x

QUANTITY	ITEM
20 yd 20 yd 20 yd 20 yd 20 yd 20 yd 20 yd 20 yd 20 yd 20 yd 20 yd 20 yd	Coarse Sand (12) Loads @ 20 yds Each

TRUCK # 62

Carly - ET 11.96

curb line, this for damage

485717

WM. M. LARNED & SONS, INC.

544 Burdeck St. — Schenectady, N.Y. 12306
Phone (518) 374-6961

JOB # ..... DATE 12/10/01

SOLD TO Earth Tech

JOB LOCATION Nia Mo

P.O. # .....

COUNTY	COD	CHARGE	F.O.B.	DELIVERY

QUANTITY	ITEM
20 yd	Course Sand
20 yd	
20 yd	
20 yd	
20 yd	
20 yd	
20 yd	
20 yd	
20 yd	
20 yd	
	(11) LOADS @ 20 yd EACH

TRUCK # .....

RECEIVED BY .....

In the event of delivery beyond curb line, this company will not assume liability for damage to sidewalk, driveway or other property.

485716

WM. M. LARNED & SONS, INC.

544 Burdeck St. — Schenectady, N.Y. 12306
Phone (518) 374-6961

JOB # ..... DATE 12/10/1

SOLD TO Earthtech

JOB LOCATION Seneca ST.

P.O. # .....

COUNTY	COD	CHARGE	F.O.B.	DELIVERY
Schen		—		—

QUANTITY	ITEM
22.73	tons Rubble

TRUCK # 54

RECEIVED BY .....

In the event of delivery beyond curb line, this company will not assume liability for damage to sidewalk, driveway or other property.

487191

WM. M. LARNED & SONS, INC.

544 Burdeck St. — Schenectady, N.Y. 12306
Phone (518) 374-6961

JOB # ..... DATE 12/9/11

SOLD TO Niagara Mohawk

JOB LOCATION Seneca St Training Fac,

P.O. # .....

COUNTY	COD	CHARGE	F.O.B.	DELIVERY
Schen		x		y

QUANTITY	ITEM
20 yds 20 yds 20 yds 20 yds 20 yds 20 yds 20 yds 20 yds 20 yds 20 yds 20 yds 20 yds 20 yds 20 yds	Coarse Sand (14) LOADS @ 20 yds Each

TRUCK # 32

RECEIVED BY .....

In the event of delivery beyond curb line, this company will not assume liability for damage to sidewalk, driveway or other property.

488897

WM. M. LARNED & SONS, INC.

544 Burdeck St. — Schenectady, N.Y. 12306
Phone (518) 374-6961

JOB # ..... DATE 12/10/11

SOLD TO Earthtech

JOB LOCATION Seneca ST.

P.O. # .....

COUNTY	COD	CHARGE	F.O.B.	DELIVERY
Schen		—		—

QUANTITY	ITEM
20yds III (4)	Sand

TRUCK # 54

RECEIVED BY .....

In the event of delivery beyond curb line, this company will not assume liability for damage to sidewalk, driveway or other property.

487190

WM. M. **LARNED** & SONS, INC.

544 Burdeck St. — Schenectady, N.Y. 12306
Phone (518) 374-6961

JOB # ..... DATE 12/5/01

SOLD TO EARTHTECH

JOB LOCATION SENECA ST. SCHDY

P.O. # .....

COUNTY	COD	CHARGE	F.O.B.	DELIVERY
Schdy		✓		✓

QUANTITY	ITEM
7	26 yd. Loads of SAND

182

TRUCK # 46

RECEIVED BY .....

In the event of delivery beyond curb line, this company will not assume liability for damage to sidewalk, driveway or other property.

488674

WM. M. **LARNED** & SONS, INC.

544 Burdeck St. — Schenectady, N.Y. 12306
Phone (518) 374-6961

JOB # ..... DATE 12/5/01

SOLD TO Earth Tech

JOB LOCATION Seneca St Niagara Falls

P.O. # .....

COUNTY	COD	CHARGE	F.O.B.	DELIVERY
Sch		—		—

QUANTITY	ITEM
IIII	Seven Loads
26 yds	Sand

182

TRUCK # 14

RECEIVED BY .....

In the event of delivery beyond curb line, this company will not assume liability for damage to sidewalk, driveway or other property.

488096

WM. M. LARNED & SONS, INC.
544 Burdeck St. — Schenectady, N.Y. 12306
Phone (518) 374-6961

JOB # Ni Mo DATE 12/3/01

SOLD TO Earth Tech.

JOB LOCATION Seneca St Schdy

P.O. #

COUNTY	COD	CHARGE	F.O.B.	DELIVERY
Sch.		—		—

QUANTITY	ITEM
3	(20yds Sand.
111	

TRUCK # 55

RECEIVED BY Carolyn McM...

In the event of delivery beyond curb line, this company will not assume liability for damage to sidewalk, driveway or other property.

489064

WM. M. LARNED & SONS, INC.
544 Burdeck St. — Schenectady, N.Y. 12306
Phone (518) 374-6961

JOB # DATE 12/4/01

SOLD TO Earth tech

JOB LOCATION Nimo training center

P.O. #

COUNTY	COD	CHARGE	F.O.B.	DELIVERY
Sch		—		—

QUANTITY	ITEM
4411	
26	Sand
Y/s	

TRUCK # 14

RECEIVED BY Carolyn McM...

In the event of delivery beyond curb line, this company will not assume liability for damage to sidewalk, driveway or other property.

488094

WM. M. LARNED & SONS, INC.

544 Burdeck St. — Schenectady, N.Y. 12306
Phone (518) 374-6961

JOB # ..... DATE 12/1/01

SOLD TO Earth tec

JOB LOCATION NYMO Training Center
Seneca St

P.O. # .....

COUNTY	COD	CHARGE	F.O.B.	DELIVERY
Sch		✓		✓

QUANTITY	ITEM
20 yds	Sand

TRUCK # 59

RECEIVED BY Carolyn McMahon — 11694

In the event of delivery beyond curb line, this company will not assume liability for damage to sidewalk, driveway or other property.

488741

WM. M. LARNED & SONS, INC.

544 Burdeck St. — Schenectady, N.Y. 12306
Phone (518) 374-6961

JOB # ..... DATE 12/3/01

SOLD TO Earth-Tech

JOB LOCATION Seneca St

P.O. # Schly

COUNTY	COD	CHARGE	F.O.B.	DELIVERY
Sch		✓		✓

QUANTITY	ITEM
5	@ 20 yds Sand

TRUCK # 60

RECEIVED BY Carolyn McMahon ET 11696

In the event of delivery beyond curb line, this company will not assume liability for damage to sidewalk, driveway or other property.

489065

WM. M. LARNED & SONS, INC.

544 Burdeck St. — Schenectady, N.Y. 12306
Phone (518) 374-6961

JOB # .... DATE 12/1/01

SOLD TO Earth Tech

JOB LOCATION Ni Mo Training Site

P.O. # Seneca St.

COUNTY	COD	CHARGE	F.O.B.	DELIVERY
Schdy		✓		✓

QUANTITY	ITEM
2 yds per load 卌 I	Sand 6 Lds

TRUCK # 66

RECEIVED BY Carey McMahon 11696

489187

In the event of delivery beyond curb line, this company will not assume liability for damage to sidewalk, driveway or other property.

WM. M. LARNED & SONS, INC.

544 Burdeck St. — Schenectady, N.Y. 12306
Phone (518) 374-6961

JOB # .... DATE 12/1/01

SOLD TO Earthtech

JOB LOCATION Seneca St

P.O. # ....

COUNTY	COD	CHARGE	F.O.B.	DELIVERY
Schdy		✓		✓

QUANTITY	ITEM
20 卌 卌 I	YDS @ SAND 11 total loads

TRUCK # 64

RECEIVED BY Carey McMahon 11696

484332

In the event of delivery beyond curb line, this company will not assume liability for damage to sidewalk, driveway or other property.

WM. M. LARNED & SONS, INC.

544 Burdeck St. — Schenectady, N.Y. 12306
Phone (518) 374-6961

JOB # ..... DATE 11/30/01

SOLD TO Earth Tech

JOB LOCATION Seneca St

P.O. # .....

COUNTY	COD	CHARGE	F.O.B.	DELIVERY
Sch		✓		✓

QUANTITY	ITEM
20 yds sand loads	
14 lds total	

TRUCK # 60

RECEIVED BY .....

In the event of delivery beyond curb line, this company will not assume liability for damage to sidewalk, driveway or other property.

489520

WM. M. LARNED & SONS, INC.

544 Burdeck St. — Schenectady, N.Y. 12306
Phone (518) 374-6961

JOB # ..... DATE 11/30/01

SOLD TO EARTH TECH.

JOB LOCATION SENECA ST.

P.O. # .....

COUNTY	COD	CHARGE	F.O.B.	DELIVERY
SCHDY.		✓		✓

QUANTITY	ITEM
20	YDS SAND 4 LOADS

TRUCK # 57

RECEIVED BY .....

In the event of delivery beyond curb line, this company will not assume liability for damage to sidewalk, driveway or other property.

489326

WM. M. LARNED & SONS, INC.

544 Burdeck St. — Schenectady, N.Y. 12306
Phone (518) 374-6961

JOB # ..... DATE 11/29/01

SOLD TO ..... Earth Tech

JOB LOCATION ..... Seneca St

P.O. # .....

COUNTY	COD	CHARGE	F.O.B.	DELIVERY
Sch		✓		✓

QUANTITY	ITEM
20 yds	sand

TRUCK # 160

RECEIVED BY Keith Decker

In the event of delivery beyond curb line, this company will not assume liability for damage to sidewalk, driveway or other property.

489516

WM. M. LARNED & SONS, INC.

544 Burdeck St. — Schenectady, N.Y. 12306
Phone (518) 374-6961

JOB # ..... DATE 11/30/01

SOLD TO ..... Earth Teck

JOB LOCATION ..... Nimo training center

P.O. # ..... Seneca St

COUNTY	COD	CHARGE	F.O.B.	DELIVERY
Schdy		✓		✓

QUANTITY	ITEM
26 yds	Sand
111	3 Loads
78 yds	Total

TRUCK # 47

RECEIVED BY L Cauly

In the event of delivery beyond curb line, this company will not assume liability for damage to sidewalk, driveway or other property.

489852

WM. M. **LARNED** & SONS, INC.

544 Burdeck St. — Schenectady, N.Y. 12306
Phone (518) 374-6961

JOB # ..... DATE 1/8/01

SOLD TO Earth Tech

JOB LOCATION Wm M Training Center

P.O. # .....

COUNTY	COD	CHARGE	F.O.B.	DELIVERY
Schdy		X		X

QUANTITY	ITEM
20 yds	Sand
loads	1111 1111 11

TRUCK # 13

RECEIVED BY D. J. WATERS STK

In the event of delivery beyond curb line, this company will not assume liability for damage to sidewalk, driveway or other property.

490070

WM. M. **LARNED** & SONS, INC.

544 Burdeck St. — Schenectady, N.Y. 12306
Phone (518) 374-6961

JOB # ..... DATE 11/29/01

SOLD TO Earth Tech

JOB LOCATION Seneca St.

P.O. # Nimo Training Center

COUNTY	COD	CHARGE	F.O.B.	DELIVERY
Schdy		X		X

QUANTITY	ITEM
20.75	Cobbles

TRUCK # 38

RECEIVED BY Keith Decker

In the event of delivery beyond curb line, this company will not assume liability for damage to sidewalk, driveway or other property.

485989

CEDAR HILL TRUCKING

1021 River Rd. Cedar Hill
SELKIRK, NEW YORK 12158
Phone 767-9608 767-2862
H. Vagele

SOLD BY	DATE
CH # 50 + 56	01-10-02

NAME: Earth Tech

ADDRESS: Niagara Mohawk - Schnectady Job

CASH	C.O.D.	CHARGE	ON ACCT.		
8-28 Yard Loads of Sand with Dumptrailers					
Carolyn McMillan ET 1/4/91					
RECEIVED BY					

0421

Thank You

All claims and returned goods MUST be accompanied by this bill.

CEDAR HILL TRUCKING

1021 River Rd. Cedar Hill
SELKIRK, NEW YORK 12158
Phone 767-9608 767-2862

CUSTOMER'S ORDER NO.	PHONE	DATE
		1-15-02

NAME: Earth Tech
ADDRESS: NIMO Seneca St
Schenectady N.Y.

SOLD BY	CASH	C.O.D.	CHARGE	ON ACCT.	MDSE. RET'D.	PAID OUT

QTY.	DESCRIPTION	PRICE	AMOUNT
2	loads sand		
	25 yd		
	[illegible] load		
	[illegible] Hauled		
		TAX	
RECEIVED BY		TOTAL	

1443

All claims and returned goods MUST be accompanied by this bill.

PRODUCT 610

Thank You

CEDAR HILL TRUCKING

1021 River Rd. Cedar Hill
SELKIRK, NEW YORK 12158
Phone 767-9608 767-2862

CUSTOMER'S ORDER NO.	PHONE	DATE
		1-15 02

NAME: Earth Tech
ADDRESS: NIMO Seneca St.
Schenectady NY

SOLD BY	CASH	C.O.D.	CHARGE	ON ACCT.	MDSE. RET'D.	PAID OUT

QTY.	DESCRIPTION	PRICE	AMOUNT
3	Loads Sand		
	20yds		
	[illegible]		
		TAX	
RECEIVED BY		TOTAL	

1444

All claims and returned goods MUST be accompanied by this bill.

Thank You

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
Albany, NY 12212-5097

(518) 374-2222

CUSTOMER

CALLANAN INDUSTRIES INC
ELITH TECH
CII 11170 ASPHALT CAP NIMO
SITE 208 SENECA ST SCHENECTADY

TICKET

01352005
STONE
PATTERSONVILLE, NY
PLANT 61

ACCOUNT	PO#	DESCRIPTION
11170	82000	

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1080		CRUSHER RUN

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	24.340	1	24.340
Metric	22.081		22.081

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
MV2	TRI-AXLE	DEL	27000 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE
4				

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

WEIGHED BY	LICENSE
BRIAN MAKI	270016

DRIVER'S SIGNATURE

RECEIVED BY

DATE	TIME	TICKET
12-08-0?	10:10:25	01352005

CASH SALES

MATERIAL $
TRUCKING $
SUBTOTAL $
TAX $
TOTAL $

CUSTOMER

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
Albany, NY 12212-5097

(518) 374-2222

CUSTOMER

CALLANAN INDUSTRIES INC
EARTH TECH
CII 11170 ASPHALT CAP NIMO
SITE 208 SENECA ST SCHENECTADY

TICKET

61352006
STONE
PATTERSONVILLE, NY
PLANT 61

ACCOUNT	PO#	DESCRIPTION
11170	82000	

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1080		CRUSHER RUN

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	25.400	2	49.740
Metric	23.043		45.124

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
MV3	TRI-AXLE	DEL	27000 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE
N				

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

WEIGHED BY	LICENSE
BRIAN MAKI	870016

DRIVER'S SIGNATURE

RECEIVED BY

DATE	TIME	TICKET
12-10-01	10:59:08	61352006

CASH SALES

MATERIAL	$
TRUCKING	$
SUBTOTAL	$
TAX	$
TOTAL	$

CUSTOMER

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
Albany, NY 12212-5097

(518) 374-2222

CUSTOMER

CEDAR HILL TRUCKING

SELKIRK NY 12158

TICKET

61355006

STONE

PATTERSONVILLE, NY

PLANT 61

ACCOUNT	PO#	DESCRIPTION
167250		NI NO

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1081		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	37.550	1	37.550
Metric	34.065		34.065

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
H54	CEDAR HILL TRAILER	FOB	37100 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

CASH SALES

WEIGHED BY	LICENSE
BRIAN MAKI	270016

DRIVER'S SIGNATURE

RECEIVED BY

DATE	TIME	TICKET
12-21-01	09:22:23	61355006

MATERIAL	$
TRUCKING	$
SUBTOTAL	$
TAX	$
TOTAL	$

TRUCKING

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
Albany, NY 12212-5097

(518) 374-2222

CUSTOMER

CEDAR HILL TRUCKING

SELKIRK NY 12158

TICKET

61355007

STONE

PATTERSONVILLE, NY

PLANT 61

ACCOUNT	PO#	DESCRIPTION
167250		NI MO

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1081		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	21.380	2	58.930
Metric	19.396		53.461

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
H44	CEDAR HILL	FOB	27820 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

CASH SALES

WEIGHED BY	LICENSE
BRIAN NAKI	270016

DRIVER'S SIGNATURE: Rick

RECEIVED BY: Ch. A. Sel

DATE	TIME	TICKET
12-21-01	09:25:57	61355007

MATERIAL	$
TRUCKING	$
SUBTOTAL	$
TAX	$
TOTAL	$

TRUCKING

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
Albany, NY 12212-5097

(518) 374-2222

CUSTOMER

CEDAR HILL TRUCKING

SELKIRK NY 12158

TICKET

61355010

STONE

PATTERSONVILLE, NY

PLANT 61

ACCOUNT	PO#	DESCRIPTION
157250		NI M0

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1081		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	34.010	3	92.940
Metric	30.854		84.315

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
H54	CEDAR HILL TRAILER	FOB	37100 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

CASH SALES

WEIGHED BY	LICENSE
BRIAN MAKI	370016

DRIVER'S SIGNATURE

RECEIVED BY Keith A Deck

DATE	TIME	TICKET
12-21-01	10:26:51	61355010

MATERIAL	$
TRUCKING	$
SUBTOTAL	$
TAX	$
TOTAL	$

TRUCKING

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
Albany, NY 12212-5097

(518) 374-2222

CUSTOMER

CEDAR HILL TRUCKING

SELKIRK NY 12158

TICKET

61355011

STONE

PATTERSONVILLE, NY

PLANT 61

ACCOUNT	PO#	DESCRIPTION
167250		NI MO

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1081		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	20.410	4	113.350
Metric	18.516		102.830

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
H44	CEDAR HILL	FOB	27980 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

CASH SALES

WEIGHED BY	LICENSE
BRIAN MAKI	270016

DRIVER'S SIGNATURE: Rick

RECEIVED BY: CL. & Sat

DATE	TIME	TICKET
12-21-01	10:33:11	61355011

MATERIAL	$
TRUCKING	$
SUBTOTAL	$
TAX	$
TOTAL	$

TRUCKING

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
Albany, NY 12212-5097

(518) 374-2222

CUSTOMER

CEDAR HILL TRUCKING

SELKIRK NY 12158

TICKET

61355012

STONE

PATTERSONVILLE, NY

PLANT 61

ACCOUNT	PO#	DESCRIPTION
167250		NI MO

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1081		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	33.120	5	146.470
Metric	30.046		132.877

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
H54	CEDAR HILL TRAILER	FOB	37100 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

CASH SALES

WEIGHED BY	LICENSE
BRIAN MAKI	270016

DRIVER'S SIGNATURE

RECEIVED BY

DATE	TIME	TICKET
12-21-01	11:25:31	61355012

MATERIAL	$
TRUCKING	$
SUBTOTAL	$
TAX	$
TOTAL	$

TRUCKING

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
Albany, NY 12212-5097

(518) 374-2222

CUSTOMER

CEDAR HILL TRUCKING

SELKIRK NY 12158

TICKET

61355013
STONE
PATTERSONVILLE, NY
PLANT 61

ACCOUNT	PO#	DESCRIPTION
167250		NI M0

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1081		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	21.900	6	168.370
Metric	19.868		152.744

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
H44	CEDAR HILL	FOB	27980 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

CASH SALES

WEIGHED BY	LICENSE
BRIAN MAKI	270016

DRIVER'S SIGNATURE

RECEIVED BY

DATE	TIME	TICKET
12-21-01	11:29:47	61355013

MATERIAL	$
TRUCKING	$
SUBTOTAL	$
TAX	$
TOTAL	$

TRUCKING

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
Albany, NY 12212-5097

(518) 374-2222

CUSTOMER

CEDAR HILL TRUCKING

SELKIRK NY 12158

TICKET

61355015

STONE

PATTERSONVILLE, NY

PLANT 61

ACCOUNT	PO#	DESCRIPTION
167250		NI MO

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1081		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	21.080	7	189.450
Metric	19.124		171.868

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
H44	CEDAR HILL	FOB	27980 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

CASH SALES

WEIGHED BY	LICENSE
BRIAN MAKI	270016

DRIVER'S SIGNATURE: Rick

RECEIVED BY: Ch. A. St

DATE	TIME	TICKET
12-21-01	12:59:30	61355015

MATERIAL	$
TRUCKING	$
SUBTOTAL	$
TAX	$
TOTAL	$

TRUCKING

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
Albany, NY 12212-5097

(518) 374-2222

CUSTOMER

CEDAR HILL TRUCKING

SELKIRK NY 12158

TICKET

61355016

STONE

PATTERSONVILLE, NY

PLANT 61

ACCOUNT	PO#	DESCRIPTION
167250		NI MO

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1061		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	36.510	0	225.960
Metric	33.122		204.990

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
H54	CEDAR HILL TRAILER	FOB	37100 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

CASH SALES

WEIGHED BY	LICENSE
BRIAN MAKI	270016

DRIVER'S SIGNATURE

RECEIVED BY Keith A. Decker

DATE	TIME	TICKET
12-21-01	13:02:29	61355016

MATERIAL	$
TRUCKING	$
SUBTOTAL	$
TAX	$
TOTAL	$

TRUCKING

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
Albany, NY 12212-5097

(518) 374-2222

CUSTOMER

CEDAR HILL TRUCKING

SELKIRK NY 12158

TICKET

61355019

STONE

PATTERSONVILLE, NY

PLANT 61

ACCOUNT	PO#	DESCRIPTION
167250		NI MD

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1081		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	34.980	9	260.940
Metric	31.734		236.723

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
H54	CEDAR HILL TRAILER	FOB	37100 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

WEIGHED BY	LICENSE
BRIAN HAKI	270016

DRIVER'S SIGNATURE

RECEIVED BY Keith A Decker

DATE	TIME	TICKET
12-21-01	14:09:05	61355019

CASH SALES

MATERIAL	$
TRUCKING	$
SUBTOTAL	$
TAX	$
TOTAL	$

TRUCKING

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
Albany, NY 12212-5097

(518) 374-2222

CUSTOMER

CEDAR HILL TRUCKING

SELKIRK NY 12158

TICKET

61355020

STONE

PATTERSONVILLE, NY

PLANT 51

ACCOUNT	PO#	DESCRIPTION
167250		NI MO

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1081		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	21.980	10	282.920
Metric	19.940		256.663

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
H44	CEDAR HILL	FOB	27980 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

CASH SALES

WEIGHED BY	LICENSE
BRIAN MAKI	270016

DRIVER'S SIGNATURE

RECEIVED BY

DATE	TIME	TICKET
12-21-01	14:11:43	61355020

MATERIAL	$
TRUCKING	$
SUBTOTAL	$
TAX	$
TOTAL	$

TRUCKING

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
Albany, NY 12212-5097

(518) 374-2222

CUSTOMER

EARTH TECH INC

TICKET

61361007

STONE

PATTERSONVILLE, NY

PLANT 61

ACCOUNT	PO#	DESCRIPTION
111355	NT MO	

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1081		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
TON	22.700	1	22.700
METRIC	20.593		20.593

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
MW2	TRI-AXLE	DEL	32000 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE
N				

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

CASH SALES

WEIGHED BY	LICENSE
BRIAN MANI	27001x

DRIVER'S SIGNATURE

RECEIVED BY

DATE	TIME	TICKET
12/27-01	08:43:34	61361007

MATERIAL	$
TRUCKING	$
SUBTOTAL	$
TAX	$
TOTAL	$

CUSTOMER

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
Albany, NY 12212-5097

(518) 374-2222

CUSTOMER

EARTH TECH INC.

TICKET

01501009

STONE

PATTERSONVILLE, NY

PLANT 67

ACCOUNT	PO#	DESCRIPTION
111935	MT MJ	

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
705		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	23.300	2	46.000
Metric	21.136		41.731

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
MV3	M.V.L.	DEL	27400 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE
N				

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

WEIGHED BY	LICENSE
BRIAN HART	270116

DRIVER'S SIGNATURE

RECEIVED BY

DATE	TIME	TICKET
12-27-01	09:00:17	01501009

CASH SALES

MATERIAL	$
TRUCKING	$
SUBTOTAL	$
TAX	$
TOTAL	$

CUSTOMER

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
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CUSTOMER

EARTH TECH INC.

TICKET

01301011
STONE
PATTERSONVILLE, NY
PLANT 61

ACCOUNT	PO#	DESCRIPTION
111355	NI MO	

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1081		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	23.200	3	69.200
Metric	21.047		62.778

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
AV2	TRI-AXLE	DEL	27000 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE
N				

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

CASH SALES

WEIGHED BY	LICENSE
BRIAN HART	270016

DRIVER'S SIGNATURE

RECEIVED BY

DATE	TIME	TICKET
12-07-01	09:26:40	01301011

MATERIAL	$
TRUCKING	$
SUBTOTAL	$
TAX	$
TOTAL	$

CUSTOMER

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
Albany, NY 12212-5097

(518) 374-2222

CUSTOMER

EARTH TECH INC.

TICKET

013013012

STONE

PATTERSONVILLE, NY

PLANT 61

ACCOUNT	PO#	DESCRIPTION
111355	MI NO	

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1051		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	23.190	4	92.380
Metric	21.029		83.807

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
MV3	M.V.L.	DEL	27400 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE
N				

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

CASH SALES

WEIGHED BY	LICENSE
BRIAN MAZZ	270016

DRIVER'S SIGNATURE: Ron

RECEIVED BY:

DATE	TIME	TICKET
12-27-01	09:49:47	013013012

MATERIAL $

TRUCKING $

SUBTOTAL $

TAX $

TOTAL $

CUSTOMER

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
Albany, NY 12212-5097

(518) 374-2222

CUSTOMER

[illegible] INC.

TICKET

01301015
STONE
PATTERSONVILLE, NY
PLANT 61

ACCOUNT	PO#	DESCRIPTION
[illegible]	MJ MO	

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1021		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
TON	23.140	5	115.920
[illegible]	21.265		105.071

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
MVO	TRI-AXLE	DEL	27060 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE
N				

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

CASH SALES

WEIGHED BY	LICENSE
BRIAN MANI	[illegible]

DRIVER'S SIGNATURE

RECEIVED BY

DATE	TIME	TICKET
12-27-01	[illegible]	01301015

MATERIAL	$
TRUCKING	$
SUBTOTAL	$
TAX	$
TOTAL	$

CUSTOMER

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
Albany, NY 12212-5097

(518) 374-2222

CUSTOMER

EARTH TECH INC.

TICKET

01501015
STONE
PATTERSONVILLE, NY
PLANT 61

ACCOUNT	PO#	DESCRIPTION
111355	NJ MC	

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1091		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
TON	24.230	6	140.050
Metric	21.981		127.053

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
373	M.V.I.	DEL	27400 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE
N				

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

CASH SALES

WEIGHED BY	LICENSE
BRIAN MAKI	270016

MATERIAL	$
TRUCKING	$
SUBTOTAL	$
TAX	$
TOTAL	$

DRIVER'S SIGNATURE

RECEIVED BY Keith Decker

DATE	TIME	TICKET
12-27-01	10:39:18	01501015

CUSTOMER

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

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(518) 374-2222

CUSTOMER

EARTH TECH INC.

TICKET

STONE
PATTERSONVILLE, NY
PLANT 51

ACCOUNT	PO#	DESCRIPTION
111355	MT MU	

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1081		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	24.000	7	164.050
Metric	21.773		148.825

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
MY2	TRI-AXLE	DEL	37000 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE
W				

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

CASH SALES

WEIGHED BY	LICENSE
BRIAN MART	[illegible]

DRIVER'S SIGNATURE

RECEIVED BY

DATE	TIME	TICKET
12-27-01	11:43:13	[illegible]

MATERIAL	$
TRUCKING	$
SUBTOTAL	$
TAX	$
TOTAL	$

CUSTOMER

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
Albany, NY 12212-5097

(518) 374-2222

CUSTOMER

EARTH TECH INC.

TICKET

01301017
STONE
PATTERSONVILLE, NY
PLANT 61

ACCOUNT	PO#	DESCRIPTION
[illegible]	MI NO	

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
[illegible]		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	22.880	8	186,930
Metric	20.757		169,582

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
[illegible]	M.V.L.	LE.	27400 lbs.

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE
M				

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

WEIGHED BY	LICENSE
[illegible]	270016

DRIVER'S SIGNATURE

RECEIVED BY [signature]

DATE	TIME	TICKET
[illegible]	[illegible]	[illegible]

CASH SALES

MATERIAL	$
TRUCKING	$
SUBTOTAL	$
TAX	$
TOTAL	$

CUSTOMER

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
Albany, NY 12212-5097

(518) 374-2222

CUSTOMER

EARTH TECH INC.

TICKET

01361021

STONE

PATTERSONVILLE, NY

PLANT 51

ACCOUNT	PO#	DESCRIPTION
111355	NI MO	

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1061		BIEMED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	23.080	9	210.010
Metric	20.936		190.520

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
MW2	TRI-AXLE	DEL	27000 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE
M				

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

CASH SALES

WEIGHED BY	LICENSE
BRIAN MANI	270814

MATERIAL $

TRUCKING $

SUBTOTAL $

~~TAX~~ $

TOTAL $

DRIVER'S SIGNATURE

RECEIVED BY NO-ONE THERE BROUGHT TICKET TO PATT.

DATE	TIME	TICKET
12-07-01	12:29:50	01361021

CUSTOMER

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
Albany, NY 12212-5097

(518) 374-2222

CUSTOMER

EARTH TECH INC.

TICKET

[illegible]
STONE
PATTERSONVILLE, NY
PLANT 61

ACCOUNT	PO#	DESCRIPTION
111355	NI RD	

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1021		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	24.920	19	234.930
Metric	22.607		213.127

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
NV3	H.V.L.	DEL	27400 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE
E				

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

CASH SALES

WEIGHED BY	LICENSE
BRIAN MAHI	[illegible]

DRIVER'S SIGNATURE

RECEIVED BY

DATE	TIME	TICKET
12-27-01	12:46:31	[illegible]

MATERIAL	$
TRUCKING	$
SUBTOTAL	$
TAX	$
TOTAL	$

CUSTOMER

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
Albany, NY 12212-5097

(518) 374-2222

CUSTOMER

EARTH TECH INC.

TICKET

[illegible]
STONE
PATTERSONVILLE, NY
PLANT 61

ACCOUNT	PO#	DESCRIPTION
[illegible]355	NT MO	

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
[illegible]		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	24.830	1	24.830
Metric	22.526		22.526

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
[illegible]	[illegible]	DEL	[illegible] lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE
[illegible]				

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

WEIGHED BY	LICENSE
BRIAN MAKI	27001[illegible]

DRIVER'S SIGNATURE: [signature]

RECEIVED BY: Keith Decke [signature]

DATE	TIME	TICKET
[illegible]	[illegible]:21:39	[illegible]

CASH SALES

MATERIAL	$
TRUCKING	$
SUBTOTAL	$
TAX	$
TOTAL	$

CUSTOMER

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
Albany, NY 12212-5097

(518) 374-2222

CUSTOMER

EARTH TECH INC

TICKET

01002004
STONE
PATTERSONVILLE, NY
PLANT 61

ACCOUNT	PO#	DESCRIPTION
[illegible]	NT NO	

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
[illegible]		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	23.850	2	48.680
Metric	21.637		44.162

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
[illegible]	[illegible]	[illegible]	[illegible]

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE
[illegible]				

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

WEIGHED BY	LICENSE
BRIAN MAKI	270016

DRIVER'S SIGNATURE: [signature]

RECEIVED BY: [signature]

DATE	TIME	TICKET
01-0[illegible]-02	0[illegible]:11:08	01002004

CASH SALES

MATERIAL	$
TRUCKING	$
SUBTOTAL	$
TAX	$
TOTAL	$

CUSTOMER

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
Albany, NY 12212-5097

(518) 374-2222

CUSTOMER

CEDAR HILL TRUCKING

SELKIRK NY 12158

TICKET

61009001

STONE

PATTERSONVILLE, NY

PLANT 61

ACCOUNT	PO#	DESCRIPTION
163250	NI MD	

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1081		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	25.680	1	25.680
Metric	23.297		23.297

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
944	CEDAR HILL	EOE	27980 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

CASH SALES

WEIGHED BY	LICENSE
BRIAN MAKI	270016

DRIVER'S SIGNATURE

RECEIVED BY Carolyn McMahon ET 11616

DATE	TIME	TICKET
01-09-02	09:13:21	61009001

MATERIAL $

TRUCKING $

SUBTOTAL $

TAX $

TOTAL $

TRUCKING

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
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(518) 374-2222

CUSTOMER

CEDAR HILL TRUCKING

SELKIRK NY 12158

TICKET

61009002
STONE
PATTERSONVILLE, NY
PLANT 61

ACCOUNT	PO#	DESCRIPTION
167250	NI MO	

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1081		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	22.440	2	48.120
Metric	20.357		43.654

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
H44	CEDAR HILL	FOB	37980 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

CASH SALES

WEIGHED BY	LICENSE
BRIAN MAKI	270016

DRIVER'S SIGNATURE: Rick

RECEIVED BY: CMK

DATE	TIME	TICKET
01-09-02	10:20:09	61009002

MATERIAL	$
TRUCKING	$
SUBTOTAL	$
TAX	$
TOTAL	$

TRUCKING

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
Albany, NY 12212-5097

(518) 374-2222

CUSTOMER

CEDAR HILL TRUCKING

SELKIRK NY 12158

TICKET

61009003

STONE

PATTERSONVILLE, NY

PLANT 61

ACCOUNT	PO#	DESCRIPTION
167250	NI NO	

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1081		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	21.530	3	69.650
Metric	19.532		63.186

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
H44	CEDAR HILL	FOF	27980 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

CASH SALES

WEIGHED BY	LICENSE
BRIAN MAKI	270016

DRIVER'S SIGNATURE: Rick

RECEIVED BY: Carl C

DATE	TIME	TICKET
01-09-02	11:22:37	61009003

MATERIAL	$
TRUCKING	$
SUBTOTAL	$
TAX	$
TOTAL	$

TRUCKING

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

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(518) 374-2222

CUSTOMER

CEDAR HILL TRUCKING

SELKIRK NY 12158

TICKET

61009004
STONE
PATTERSONVILLE, NY
PLANT 61

ACCOUNT	PO#	DESCRIPTION
167250	NI MO	

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1081		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	20.960	4	90.610
Metric	19.015		82.201

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
H44	CEDAR HILL	FOB	27980 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

CASH SALES

WEIGHED BY	LICENSE
BRIAN MAKI	270016

DRIVER'S SIGNATURE: Luk

RECEIVED BY: CMC

DATE	TIME	TICKET
01-09-03	12:20:21	61009004

MATERIAL $

TRUCKING $

SUBTOTAL $

TAX $

TOTAL $

TRUCKING

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
Albany, NY 12212-5097

(518) 374-2222

CUSTOMER

CEDAR HILL TRUCKING

SELKIRK NY 12158

TICKET

61009005

STONE

PATTERSONVILLE, NY

PLANT 61

ACCOUNT	PO#	DESCRIPTION
167250	NI MO	

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1081		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	22.080	5	112.690
Metric	20.031		102.232

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
H44	CEDAR HILL	FOB	27980 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

CASH SALES

WEIGHED BY	LICENSE
BRIAN MAKI	270016

DRIVER'S SIGNATURE: Rick

RECEIVED BY: Chris

DATE	TIME	TICKET
01-09-02	13:21:37	61009005

MATERIAL	$
TRUCKING	$
SUBTOTAL	$
TAX	$
TOTAL	$

TRUCKING

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
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(518) 374-2222

CUSTOMER

CEDAR HILL TRUCKING

SELKIRK NY 12158

TICKET

61009006

STONE

PATTERSONVILLE, NY

PLANT 61

ACCOUNT	PO#	DESCRIPTION
167250	NI NO	

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1081		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	20.470	6	133.160
Metric	18.570		120.802

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
H44	CEDAR HILL	FOB	27980 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

CASH SALES

WEIGHED BY	LICENSE
BRIAN MAKI	270016

DRIVER'S SIGNATURE: Rick

RECEIVED BY: GMC

DATE	TIME	TICKET
01-09-02	14:15:48	61009006

MATERIAL	$
TRUCKING	$
SUBTOTAL	$
TAX	$
TOTAL	$

TRUCKING

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
Albany, NY 12212-5097

(518) 374-2222

CUSTOMER

CEDAR HILL TRUCKING

SELKIRK NY 12158

TICKET

61010001
STONE
PATTERSONVILLE, NY
PLANT 61

ACCOUNT	PO#	DESCRIPTION
167250	NI NO	

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1081		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	38.220	1	38.220
Metric	34.673		34.673

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
H56	CEDAR HILL TRL BLACK	FOB	38240 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

CASH SALES

WEIGHED BY	LICENSE
BRIAN MARI	270015

DRIVER'S SIGNATURE: Howie

RECEIVED BY: CMC 11696

DATE	TIME	TICKET
01-10-02	09:08:03	61010001

MATERIAL	$
TRUCKING	$
SUBTOTAL	$
TAX	$
TOTAL	$

TRUCKING

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
Albany, NY 12212-5097

(518) 374-2222

CUSTOMER

CEDAR HILL TRUCKING

SELKIRK NY 12158

TICKET

STONE
PATTERSONVILLE, NY
PLANT 61

ACCOUNT	PO#	DESCRIPTION
167250	NI NO	

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1081		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	34.120	2	72.340
Metric	30.953		65.626

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
H50	CEDAR HILL	FOB	38420 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

CASH SALES

WEIGHED BY	LICENSE
BRIAN MAKI	370016

DRIVER'S SIGNATURE

RECEIVED BY

DATE	TIME	TICKET
01-10-02	09:21:42	61010002

MATERIAL	$
TRUCKING	$
SUBTOTAL	$
TAX	$
TOTAL	$

TRUCKING

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
Albany, NY 12212-5097

(518) 374-2222

CUSTOMER

CEDAR HILL TRUCKING

SELKIRK NY 12158

TICKET

01010006

STONE

PATTERSONVILLE, NY

PLANT 61

ACCOUNT	PO#	DESCRIPTION
167250	NI MO	

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1081		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	33.280	3	185.620
Metric	30.191		95.818

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
H50	CEDAR HILL	FOB	38420 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

CASH SALES

WEIGHED BY	LICENSE
BRIAN MAKI	270016

DRIVER'S SIGNATURE

RECEIVED BY

DATE	TIME	TICKET
01-10-02	13:55:22	61010006

MATERIAL	$
TRUCKING	$
SUBTOTAL	$
TAX	$
TOTAL	$

TRUCKING

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
Albany, NY 12212-5097

(518) 374-2222

CUSTOMER

CEDAR HILL TRUCKING

SELKIRK NY 12158

TICKET

61010007
STONE
PATTERSONVILLE, NY
PLANT 61

ACCOUNT	PO#	DESCRIPTION
167250	NI MO	

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1081		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	34.260	4	139.880
Metric	31.080		126.898

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
H56	CEDAR HILL TRL BLACK	FOB	38240 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

CASH SALES

WEIGHED BY	LICENSE
BRIAN MAKI	270016

DRIVER'S SIGNATURE: Brian Maki

RECEIVED BY: CMC 11696

DATE	TIME	TICKET
01-10-02	14:03:15	61010007

MATERIAL	$
TRUCKING	$
SUBTOTAL	$
TAX	$
TOTAL	$

TRUCKING

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
Albany, NY 12212-5097

(518) 374-2222

CUSTOMER

CEDAR HILL TRUCKING

SELKIRK NY 12158

TICKET

61615005

STONE

PATTERSONVILLE, NY

PLANT 61

ACCOUNT	PO#	DESCRIPTION
167250	NI MO	

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1081		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	21.030	1	21.030
Metric	19.078		19.078

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
H46	CEDAR HILL	FOD	28800 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

CASH SALES

WEIGHED BY	LICENSE
BRIAN MAKI	270016

DRIVER'S SIGNATURE

RECEIVED BY

DATE	TIME	TICKET
01-15-03	12:43:13	61615005

MATERIAL	$
TRUCKING	$
SUBTOTAL	$
TAX	$
TOTAL	$

TRUCKING

CALLANAN

INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
Albany, NY 12212-5097

(518) 374-2222

CUSTOMER

CEDAR HILL TRUCKING

SELKIRK NY 12158

TICKET

81015007

STONE

PATTERSONVILLE, NY

PLANT 61

ACCOUNT	PO#	DESCRIPTION
167250	NI NO	

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1081		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	20.730	2	41.760
Metric	18.806		37.884

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
H36	CEDAR HILL	FOB	28800 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

CASH SALES

WEIGHED BY	LICENSE
BRIAN MAKI	270016

DRIVER'S SIGNATURE

RECEIVED BY

DATE	TIME	TICKET
01-15-03	13:35:58	81015007

MATERIAL	$
TRUCKING	$
SUBTOTAL	$
TAX	$
TOTAL	$

TRUCKING

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
Albany, NY 12212-5097

(518) 374-2222

CUSTOMER

CEDAR HILL TRUCKING

SELKIRK NY 12158

TICKET

61013009

STONE

PATTERSONVILLE, NY

PLANT 61

ACCOUNT	PO#	DESCRIPTION
167250	NI MO	

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1081		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	21.420	3	63.180
Metric	19.432		57.317

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
H46	CEDAR HILL	FOB	28800 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

CASH SALES

WEIGHED BY	LICENSE
BRIAN MAKI	370016

DRIVER'S SIGNATURE

RECEIVED BY

DATE	TIME	TICKET
01-19-23	14:07:46	61013009

MATERIAL $

TRUCKING $

SUBTOTAL $

TAX $

TOTAL $

TRUCKING

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
Albany, NY 12212-5097

(518) 374-2222

CUSTOMER

CEDAR HILL TRUCKING

SELKIRK NY 12158

TICKET

61016002

STONE

PATTERSONVILLE, NY

PLANT 61

ACCOUNT	PO#	DESCRIPTION
167250	NI MD	

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1081		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	35.420	1	35.420
Metric	32.133		32.133

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
H56	CEDAR HILL TRL BLUE	FOB	38240 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

CASH SALES

WEIGHED BY	LICENSE
BRIAN MAKI	270016

DRIVER'S SIGNATURE

RECEIVED BY

DATE	TIME	TICKET
01-16-02	08:12:58	61016002

MATERIAL	$
TRUCKING	$
SUBTOTAL	$
TAX	$
TOTAL	$

TRUCKING

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
Albany, NY 12212-5097

(518) 374-2222

CUSTOMER

CEDAR HILL TRUCKING

SELKIRK NY 12158

TICKET

01016003

STONE

PATTERSONVILLE, NY

PLANT 61

ACCOUNT	PO#	DESCRIPTION
157250	MI MO	

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1081		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	20.940	2	56.360
Metric	18.997		51.129

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
H46	CEDAR HILL	FOB	28000 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

CASH SALES

WEIGHED BY	LICENSE
BRIAN MAKI	270016

DRIVER'S SIGNATURE: JOKE

RECEIVED BY: CMC

DATE	TIME	TICKET
01-16-02	08:15:36	01016003

MATERIAL	$
TRUCKING	$
SUBTOTAL	$
TAX	$
TOTAL	$

TRUCKING

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
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(518) 374-2222

CUSTOMER

CEDAR HILL TRUCKING

SELKIRK NY 12158

TICKET

61016004

STONE

PATTERSONVILLE, NY

PLANT 51

ACCOUNT	PO#	DESCRIPTION
167250	NI MO	

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1081		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	27.920	3	84.280
Metric	25.329		76.450

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
H55	CEDAR HILL TRL BLUE	FOB	38240 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

CASH SALES

WEIGHED BY	LICENSE
BRIAN MAKI	270016

DRIVER'S SIGNATURE: Howie

RECEIVED BY: CMC

DATE	TIME	TICKET
01-16-02	09:34:45	61016004

MATERIAL	$
TRUCKING	$
SUBTOTAL	$
TAX	$
TOTAL	$

TRUCKING

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
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(518) 374-2222

CUSTOMER

CEDAR HILL TRUCKING

SELKIRK NY 12158

TICKET

61016005

STONE

PATTERSONVILLE, NY

PLANT 61

ACCOUNT	PO#	DESCRIPTION
167250	NI MO	

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1081		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	21.850	4	106.130
Metric	19.822		96.281

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
H46	CEDAR HILL	FOB	28800 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

CASH SALES

WEIGHED BY	LICENSE
BRIAN MAKI	270015

DRIVER'S SIGNATURE: ACE

RECEIVED BY: CMC

DATE	TIME	TICKET
01-16-03	09:27:18	61016005

MATERIAL	$
TRUCKING	$
SUBTOTAL	$
TAX	$
TOTAL	$

TRUCKING

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
Albany, NY 12212-5097

(518) 374-2222

CUSTOMER

CEDAR HILL TRUCKING

SELKIRK NY 12156

TICKET

61016007

STONE

PATTERSONVILLE, NY

PLANT 61

ACCOUNT	PO#	DESCRIPTION
167250	NI MO	

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1061		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	32.080	5	138.210
Metric	29.103		125.383

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
H56	CEDAR HILL TRL BLUE	FOB	38240 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

CASH SALES

WEIGHED BY	LICENSE
BRIAN HAKI	270016

DRIVER'S SIGNATURE: Howie

RECEIVED BY: CMC

DATE	TIME	TICKET
01-16-02	10:27:31	61016007

MATERIAL	$
TRUCKING	$
SUBTOTAL	$
TAX	$
TOTAL	$

TRUCKING

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
Albany, NY 12212-5097

(518) 374-2222

CUSTOMER

CEDAR HILL TRUCKING

SELKIRK NY 12158

TICKET

61016008

STONE

PATTERSONVILLE, NY

PLANT 61

ACCOUNT	PO#	DESCRIPTION
167250	NI MO	

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1081		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	20.770	6	158.980
Metric	18.842		144.226

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
H46	CEDAR HILL	FOB	28800 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

CASH SALES

WEIGHED BY	LICENSE
BRIAN MAKI	270016

DRIVER'S SIGNATURE: JOKE

RECEIVED BY: CMC

DATE	TIME	TICKET
01-16-02	10:29:35	61016008

MATERIAL $

TRUCKING $

SUBTOTAL $

TAX $

TOTAL $

TRUCKING

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
Albany, NY 12212-5097

(518) 374-2222

CUSTOMER

CEDAR HILL TRUCKING

SELKIRK NY 12158

TICKET

61016009

STONE

PATTERSONVILLE, NY

PLANT 61

ACCOUNT	PO#	DESCRIPTION
167250	NI NO	

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1081		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	21.670	7	180.650
Metric	19.659		163.885

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
H46	CEDAR HILL	FOB	28800 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

WEIGHED BY	LICENSE
BRIAN MAKI	270016

DRIVER'S SIGNATURE

RECEIVED BY

DATE	TIME	TICKET
01-15-02	11:28:45	61016009

CASH SALES

MATERIAL	$
TRUCKING	$
SUBTOTAL	$
TAX	$
TOTAL	$

TRUCKING

CALLANAN INDUSTRIES, INC.

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REMIT TO

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Albany, NY 12212-5097

(518) 374-2222

CUSTOMER

CEDAR HILL TRUCKING

SELKIRK NY 12158

TICKET

61016010

STONE

PATTERSONVILLE, KY

PLANT 61

ACCOUNT	PO#	DESCRIPTION
167250	NI MO	

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1081		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	30.250	8	210.900
Metric	27.443		191.327

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
H56	CEDAR HILL TRL BLUE	FOB	38240 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

CASH SALES

WEIGHED BY	LICENSE
BRIAN MAKI	270016

DRIVER'S SIGNATURE

RECEIVED BY

DATE	TIME	TICKET
01-16-02	11:32:36	61016010

MATERIAL	$
TRUCKING	$
SUBTOTAL	$
TAX	$
TOTAL	$

TRUCKING

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
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(518) 374-2222

CUSTOMER

CEDAR HILL TRUCKING

SELKIRK NY 12158

TICKET

61015012

STONE

PATTERSONVILLE, NY

PLANT 61

ACCOUNT	PO#	DESCRIPTION
167250	NI MO	

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1081		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	20.500	9	231.400
Metric	18.597		209.925

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
H56	CEDAR HILL TRL BLUE	FOB	36240 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

CASH SALES

WEIGHED BY	LICENSE
BRIAN MAKI	270016

DRIVER'S SIGNATURE: Howie

RECEIVED BY: CM

DATE	TIME	TICKET
01-15-02	12:35:28	61015012

MATERIAL	$
TRUCKING	$
SUBTOTAL	$
TAX	$
TOTAL	$

TRUCKING

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

PO Box 15097
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(518) 374-2222

CUSTOMER

CEDAR HILL TRUCKING

SELKIRK NY 12158

TICKET

61016013

STONE

PATTERSONVILLE, NY

PLANT 61

ACCOUNT	PO#	DESCRIPTION
167250	NI MO	

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1061		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	20.250	10	251.650
Metric	18.371		228.295

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
H46	CEDAR HILL	FOB	26800 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

CASH SALES

WEIGHED BY	LICENSE
BRIAN MAKI	270016

DRIVER'S SIGNATURE

RECEIVED BY

DATE	TIME	TICKET
01-16-02	12:37:38	61016013

MATERIAL $

TRUCKING $

SUBTOTAL $

TAX $

TOTAL $

TRUCKING

CALLANAN INDUSTRIES, INC.

"BUILDING NEW YORK'S INFRASTRUCTURE SINCE 1883"

REMIT TO

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Albany, NY 12212-5097

(518) 374-2222

CUSTOMER

CEDAR HILL TRUCKING

SELKIRK NY 12158

TICKET

01015014

STONE

PATTERSONVILLE, NY

PLANT 51

ACCOUNT	PO#	DESCRIPTION
167250	NI MO	

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1081		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	20.010	11	271.660
Metric	18.153		246.448

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
H56	CEDAR HILL TRL BLUE	FOB	38240 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

CASH SALES

WEIGHED BY	LICENSE
BRIAN MAKI	370015

DRIVER'S SIGNATURE: Howie

RECEIVED BY: JMC

DATE	TIME	TICKET
01-15-03	13:36:50	01015014

MATERIAL $

TRUCKING $

SUBTOTAL $

TAX $

TOTAL $

TRUCKING

CALLANAN INDUSTRIES, INC.

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REMIT TO

PO Box 15097
Albany, NY 12212-5097

(518) 374-2222

CUSTOMER

CEDAR HILL TRUCKING

SELKIRK NY 12158

TICKET

61015015

STONE

PATTERSONVILLE, NY

PLANT 61

ACCOUNT	PO#	DESCRIPTION
157250	MI MO	

PRODUCT CODE	NYS DOT CODE	PRODUCT DESCRIPTION
1081		BLENDED SUBBASE

U/M	QUANTITY	LOAD NO.	ACCUMULATED QTY
Ton	21.280	12	292.940
Metric	19.305		265.753

TRUCK #	CARRIER/CDL	DELIVERY TYPE	TARE
H45	CEDAR HILL	FOB	28800 lbs

MILE CODE	ARRIVE	UNLOAD	WAIT TIME	TEMPERATURE

TAXABLE	EXEMPT	ADVANTAGE CODE	TAX ID CODE

CASH SALES

WEIGHED BY	LICENSE
BRIAN MAKI	270016

DRIVER'S SIGNATURE

RECEIVED BY

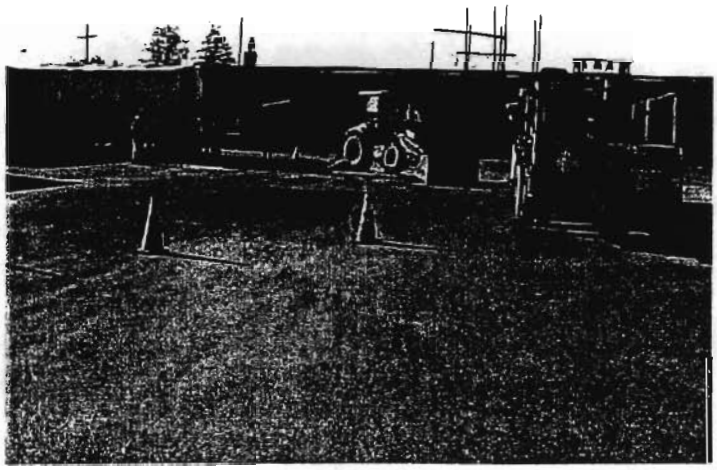
DATE	TIME	TICKET
01-16-02	13:39:46	61015015

MATERIAL	$
TRUCKING	$
SUBTOTAL	$
TAX	$
TOTAL	$

TRUCKING

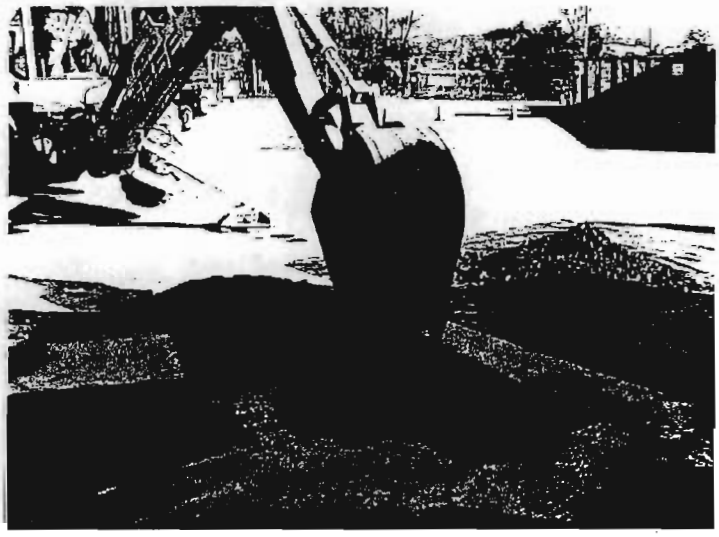
APPENDIX E

SITE PHOTOGRAPHS



Photograph No.: 1
Date: 10/16/01
Description: Start of test pitting at northwest end of the Niagara Mohawk facility's office trailer.
Looking Southwest.

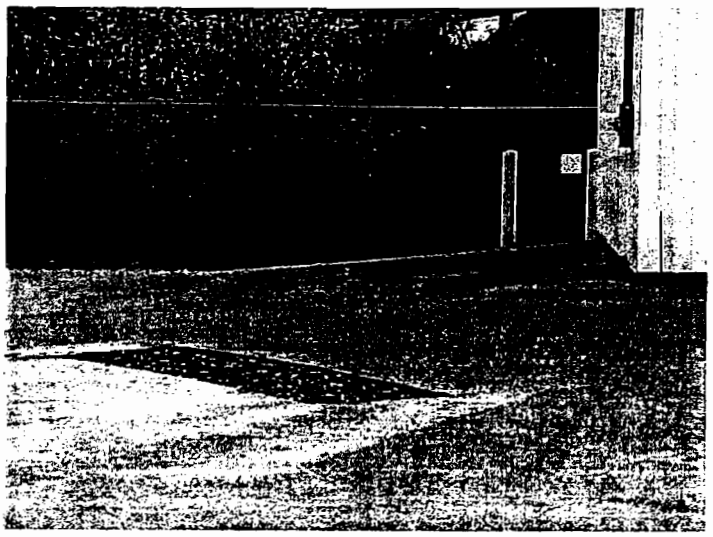
Photograph No.: 2
Date: 10/16/01
Description: View of test pit area on western margin of former gas holder location.
Looking West



Photograph No.: 3
Date: 10/16/01
Description: Test pit excavation near northwest end of the Niagara Mohawk facility's office trailer.
Looking Northeast

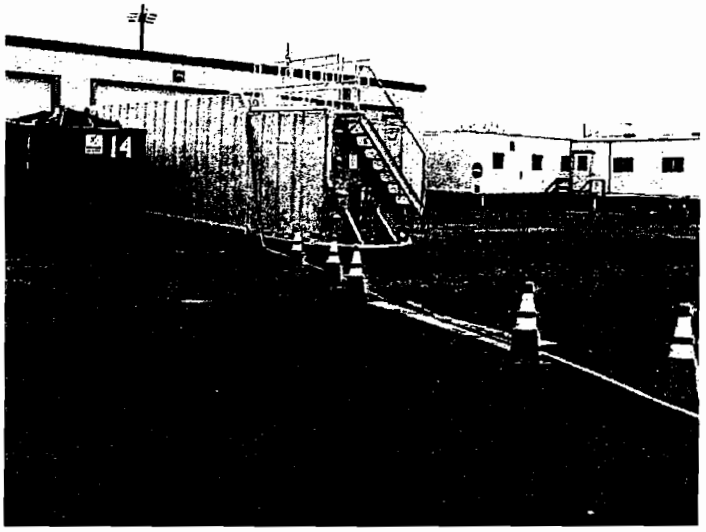
Photograph No.: 4
Date: 10/16/01
Description: MGP impacted material on sidewall of test pit.
Looking

Photograph No.: 5
Date: 10/17/01
Description: View of test pit area on western margin of former gas holder location.
Looking Southwest



Photograph No.: 6
Date: 10/17/01
Description: Backfilled test pit location near the north corner of the Butler building.
Looking Southeast

Photograph No.: 7
Date: 10/31/01
Description: Initiation of excavation activities on western margin of former holder structure. Looking Northwest



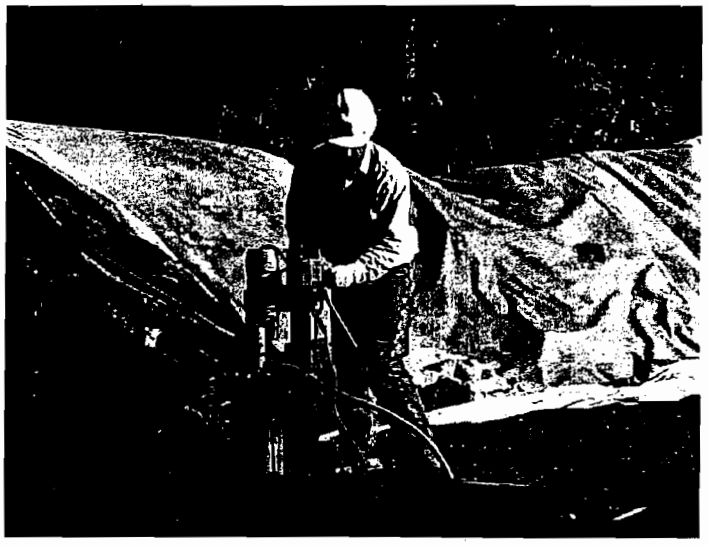
Photograph No.: 8
Date: 10/31/01
Description: Frac tank for containing dewatering liquids. Looking South

Photograph No.: 9
Date: 10/31/01
Description: Dewatering the excavation with a submersible pump.

Photograph No.: 10
Date: 11/01/01
Description: View of unearthed, northern portion of the former ring wall structure. The tops of concrete piers are observed along the outer perimeter of the ring wall.
Looking East

Photograph No.: 11
Date: 11/05/01
Description: Pocket of coal tar-type product observed during excavation.

Photograph No.: 12
Date: 11/06/01
Description: Coal tar-type product weeping from below the concrete ring wall on the sidewall of excavation.



Photograph No.: 13
Date: 11/06/01
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Photograph No.: 14
Date: 11/06/01
Description: 7 to 8-inch thick concrete pad on interior perimeter of ring wall structure.

Photograph No.: 15
Date: 11/07/01
Description: Preparing to vacuum out the contents of the drip pot located outside the northwest ring wall edge. Vacuum hose from truck attaches to a knock-out moisture separator (55-gallon drum). A hose attached to the drum is placed into the drip pot to evacuate free-liquids. Upon filling, the drum is closed and another drum is placed in-line to accept additional liquids.
Looking Southwest

Photograph No.: 16
Date: 11/09/01
Description: Rectangular Steel Box located adjacent to drip pot on outside of northwest perimeter of ring wall. Top has been opened with a hammer hoe, exposing the fill materials contained within.

Photograph No.: 17
Date: 11/09/01
Description: Interior of drip pot during removal of free liquids.

Photograph No.: 18
Date: 11/12/01
Description: Drip pot and miscellaneous piping. Free liquid weeping from backfill of 30-inch diameter pipe and from other pipe ends, accumulating at base of drip pot.

Photograph No.: 19
Date: 11/13/01
Description: 7 to 8-inch thick Concrete pad located along the inside perimeter of the ring wall.

Photograph No.: 20
Date: 11/14/01
Description: Reducing bushing connecting the 12-inch diameter piping (left) to the 30-inch diameter pipe attached to drip pot.

Photograph No.: 21
Date: 11/15/01
Description: Loading excavated soil into dump trailer for transport to disposal/destruction facility. Looking Northeast

Photograph No.: 22
Date: 11/15/01
Description: Using track excavator to remove steel box from concrete vault on west perimeter of ring wall.
Looking Southeast

Photograph No.: 23
Date: 11/16/01
Description: Using hammer hoe to break up ring wall structure and track excavator to remove broken up debris from the excavation.
Looking East

Photograph No.: 24
Date: 11/21/01
Description: View of the unearthed, north perimeter of the ring wall during excavation/demolition.
Looking Southwest

Photograph No.: 25
Date: 11/17/01
Description: View of north perimeter of the ring wall prior to demolition. Photograph depicts one of the ring wall structure's piers (foreground right) and a concrete vault housing a steel box (foreground left).
Looking East

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Date: 11/17/01
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Looking East

Photograph No.: 27
Date: 11/20/01
Description: Compaction of backfill material along the western perimeter of the former ring wall. The steel anchor bolts were left in place after removal of concrete piers. Indication of MGP impact was not observed on the pier directly behind the compactor/operator and the pier was left in place.
Looking South

Photograph No.: 28
Date: 11/21/01
Description: Transferring the contents of the Frac tank to a tank truck for transportation and proper disposal.
Looking East

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Date: 11/26/01
Description: MGP type product weeping from backfill materials surrounding a 12-inch diameter pipe.

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Date: 11/27/01
Description: Rolling compaction of backfill on western perimeter of former ring wall.
Looking South

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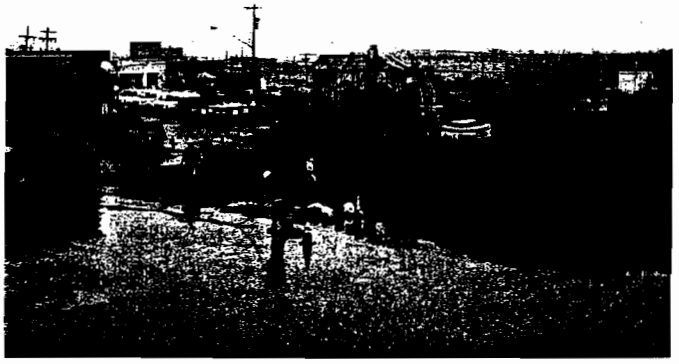
Date: 11/27/01
Description: Hand excavating MGP impacted material from the backfill around the 12-inch diameter pipe.

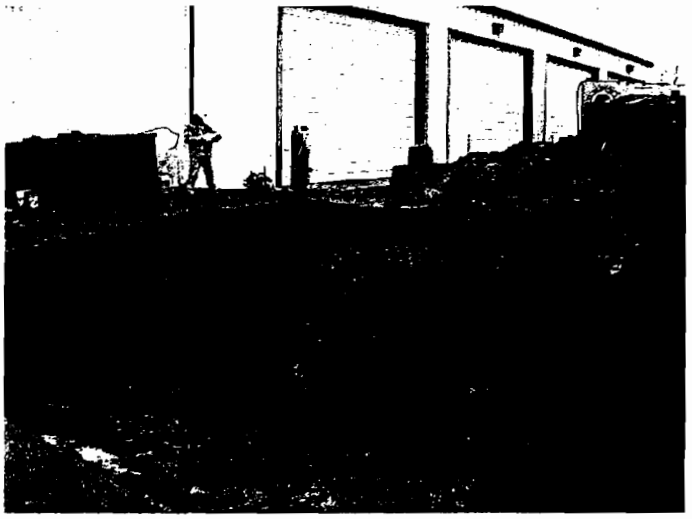


Photograph No.: 32
Date: 12/14/01
Description: View of excavation activities along the western margin of the former ring wall structure.
Looking West

Photograph No.: 33
Date: 12/04/01
Description: Coal tar-type product weeping from surface of concrete support pier.

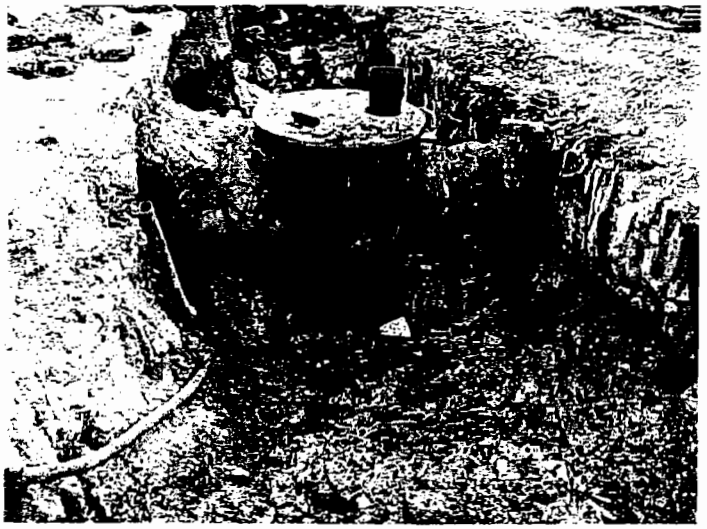
Photograph No.: 34
Date: 12/04/01
Description: Using hammer hoe to demolish one of the support piers prior to its removal.

Photograph No.: 35
Date: 01/02/02
Description: Unearthed second drip pot and associated steel box located between the garage and the "Butler" building/Niagara Mohawk facility office trailer.
Looking Southeast



Photograph No.: 36
Date: 12/17/01
Description: Excavation around a pier located near north end of "Butler" building.
Looking South

Photograph No.: 37
Date: 01/02/02
Description: Geo-textile fabric spread over area to be graded and paved.
Looking East



Photograph No.: 38
Date: 01/02/02
Description: View of drip pot located between the garage and the "Butler" building. MGP impacted material is present in the vicinity of the drip pot.
Looking Northwest

Photograph No.: 39
Date: 01/03/02
Description: Sealed piping and a thin horizon of MGP impacted material in the vicinity of the drip pot located between the "Butler" building and the garage.

Photograph No.: 40
Date: 01/14/02
Description: Steam cleaning decontamination of heavy equipment after remedial action.
Looking West

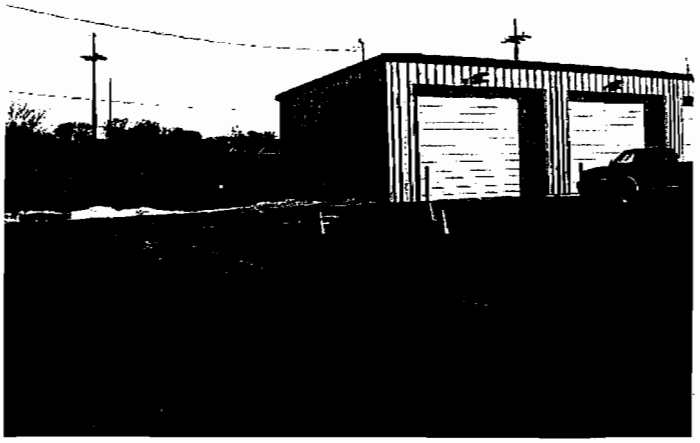
Photograph No.: 41
Date: 01/17/02
Description: Test pit on south side of main gate, outside of fenced perimeter of Niagara Mohawk facility.
Looking Southeast

Photograph No.: 42
Date: 01/17/02
Description: Test pit on north side of main gate outside of fenced perimeter to Niagara Mohawk facility.
Looking Northwest

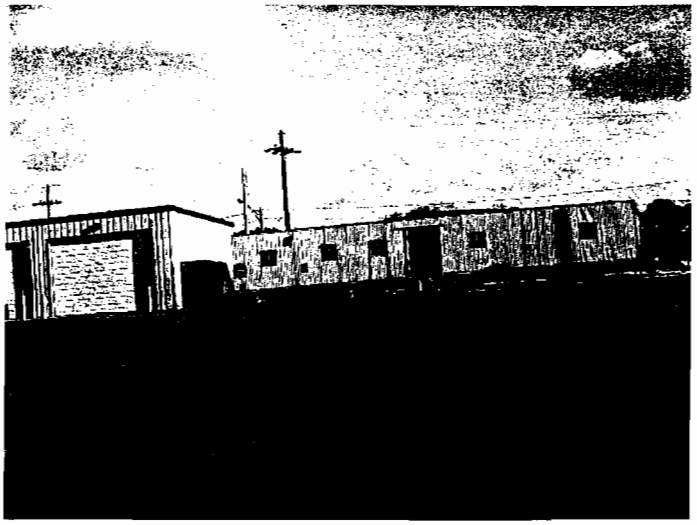
Photograph No.: 43
Date: 01/19/02
Description: Geo-textile fabric capping MGP impacted soils underlying the southwest corner of the "Butler" building.
Looking East

Photograph No.: 44
Date: 01/21/02
Description: Pouring flowable fill into the excavation at the north end of the "Butler" building, covering the geo-textile material capping MGP impacted material underlying the building at this location.
Looking Southwest

Photograph No.: 45
Date: 01/21/02
Description: Excavation near the north end of the "Butler" building nearly filled with flowable fill.
Looking East



Photograph No.: 46
Date: 01/22/02
Description: Post remediation view of the north end of the "Butler" building.
Looking South

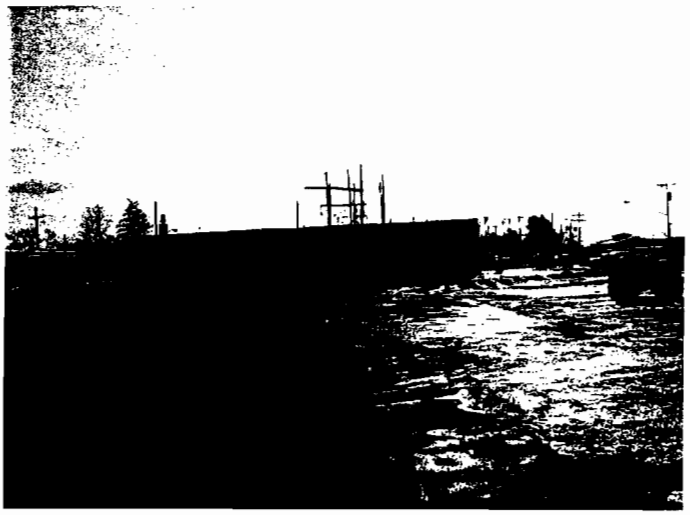


Photograph No.: 47
Date: 01/22/02
Description: Post remediation view of the area between the Niagara Mohawk facility office trailer and the garage.
Looking Southeast

Photograph No.: 48
Date: 01/22/02
Description: Post remediation view from the garage toward the front gate of the facility.
Looking Northeast

Photograph No.: 49
Date: 01/22/02
Description: Post remediation view from the garage toward the "Butler" building.
Looking East

Photograph No.: 50
Date: 01/22/02
Description: Post remediation view from the garage toward the north corner of the facility.
Looking North



Photograph No.: 51
Date: 01/22/02
Description: Post remediation view from near the front gate toward the garage building.
Looking Southwest

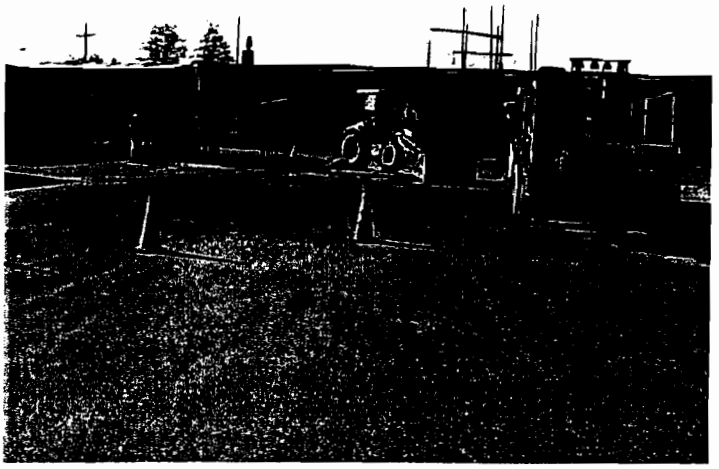
Photograph No.: 52
Date: 01/22/02
Description: Post remediation view from near the front gate toward the Niagara Mohawk facility office trailer.
Looking South

Photograph No.: 53
Date: 01/22/02
Description: Post remediation view to the west across the Site.
Looking West

Photograph No.: 54
Date: 01/22/02
Description: Post remediation view to the northwest across the Site.
Looking Northwest

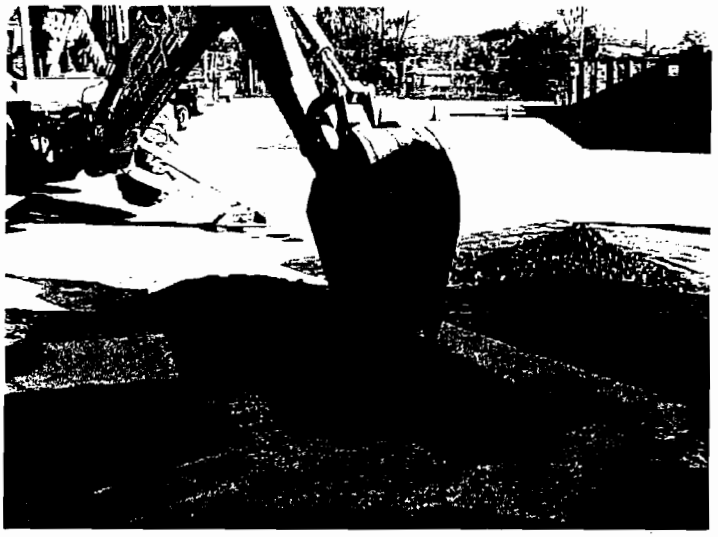
APPENDIX E

SITE PHOTOGRAPHS



Photograph No.: 1
Date: 10/16/01
Description: Start of test pitting at northwest end of the Niagara Mohawk facility's office trailer.
Looking Southwest.

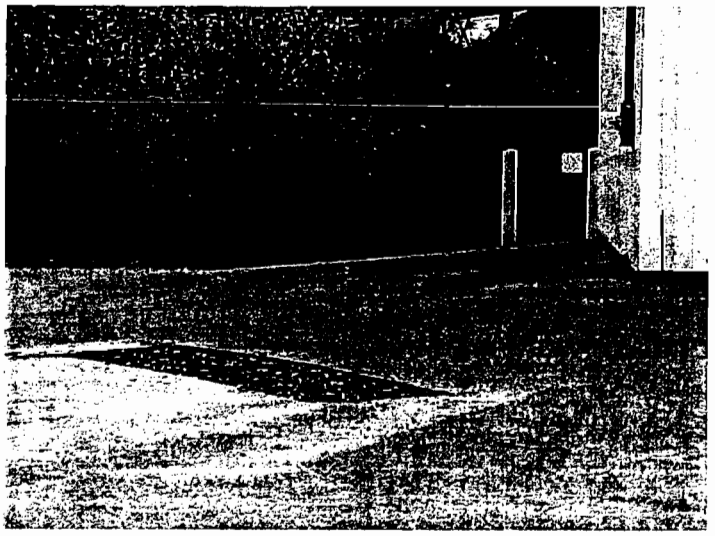
Photograph No.: 2
Date: 10/16/01
Description: View of test pit area on western margin of former gas holder location.
Looking West



Photograph No.: 3
Date: 10/16/01
Description: Test pit excavation near northwest end of the Niagara Mohawk facility's office trailer.
Looking Northeast

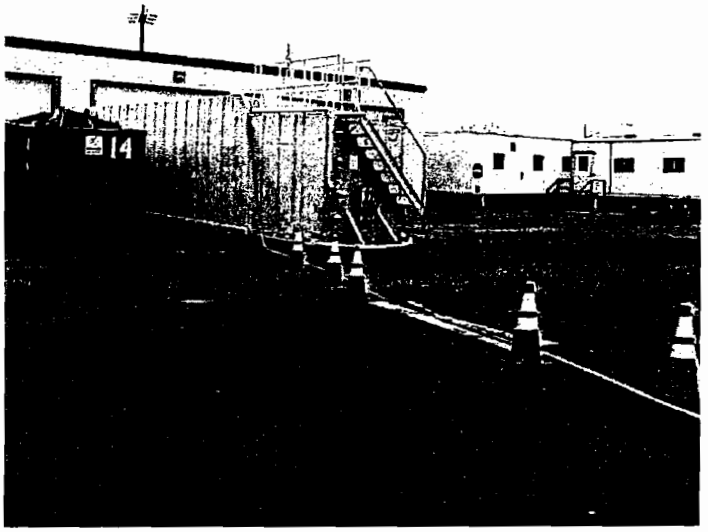
Photograph No.: 4
Date: 10/16/01
Description: MGP impacted material on sidewall of test pit.
Looking

Photograph No.: 5
Date: 10/17/01
Description: View of test pit area on western margin of former gas holder location.
Looking Southwest



Photograph No.: 6
Date: 10/17/01
Description: Backfilled test pit location near the north corner of the Butler building.
Looking Southeast

Photograph No.: 7
Date: 10/31/01
Description: Initiation of excavation activities on western margin of former holder structure. Looking Northwest

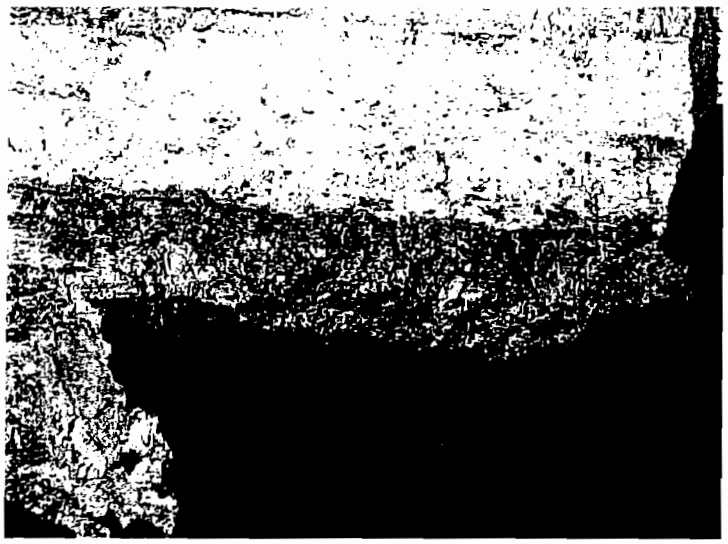


Photograph No.: 8
Date: 10/31/01
Description: Frac tank for containing dewatering liquids. Looking South

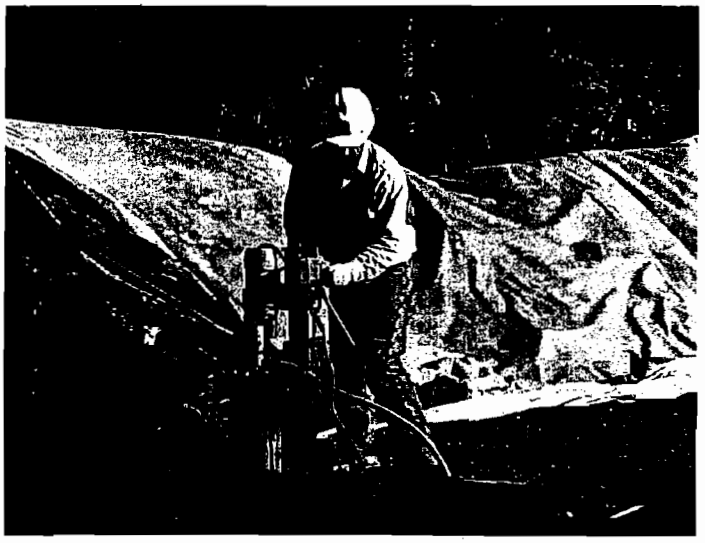
Photograph No.: 9
Date: 10/31/01
Description: Dewatering the excavation with a submersible pump.

Photograph No.: 10
Date: 11/01/01
Description: View of unearthed, northern portion of the former ring wall structure. The tops of concrete piers are observed along the outer perimeter of the ring wall.
Looking East

Photograph No.: 11
Date: 11/05/01
Description: Pocket of coal tar-type product observed during excavation.



Photograph No.: 12
Date: 11/06/01
Description: Coal tar-type product weeping from below the concrete ring wall on the sidewall of excavation.



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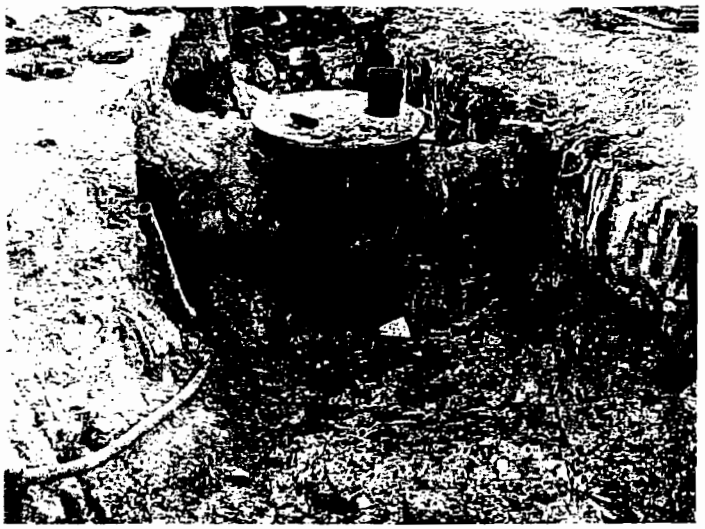

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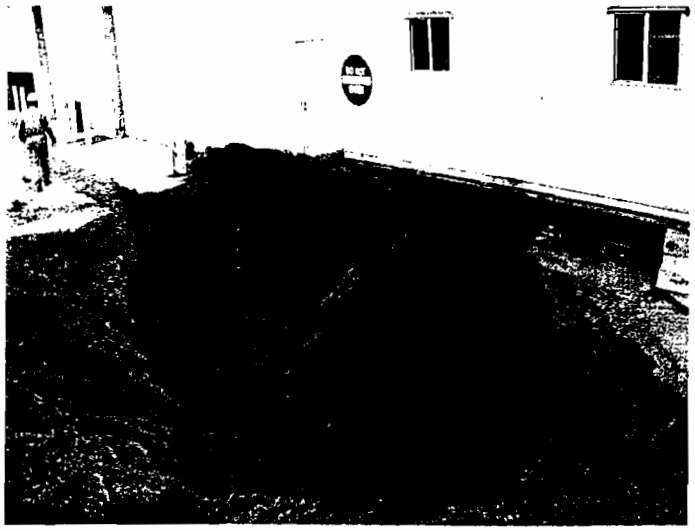

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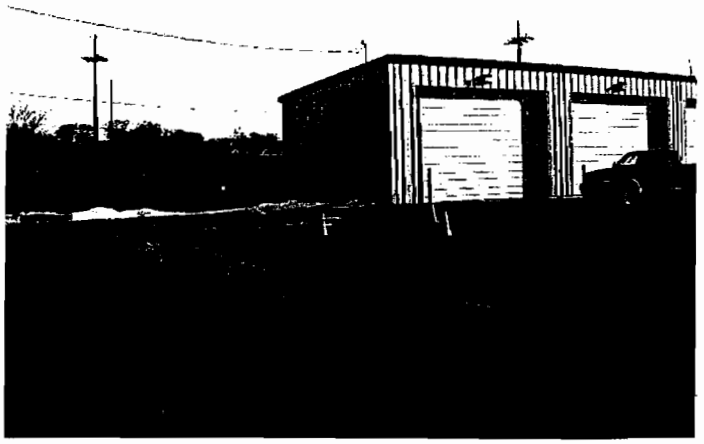
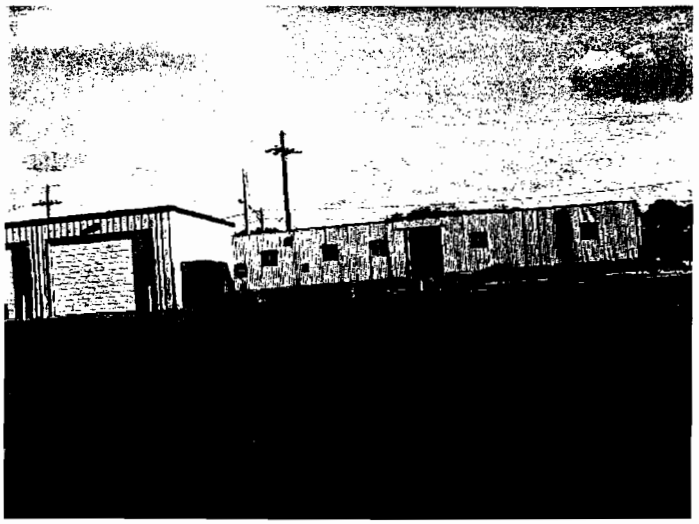


Photograph No.: 46
Date: 01/22/02
Description: Post remediation view of the north end of the "Butler" building.
Looking South



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Looking Northeast

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Date: 01/22/02
Description: Post remediation view from the garage toward the "Butler" building.
Looking East

Photograph No.: 50
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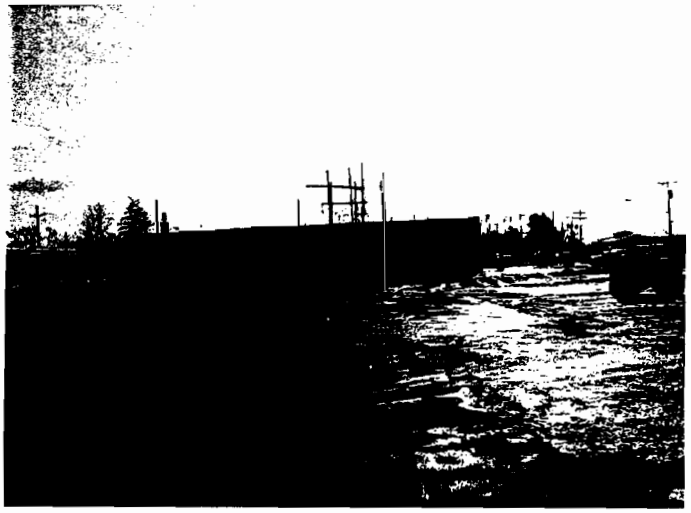
Looking North



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Looking South

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Date: 01/22/02
Description: Post remediation view to the west across the Site.
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Photograph No.: 54
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Description: Post remediation view to the northwest across the Site.
Looking Northwest