

REMEDIAL ACTION

FINAL REPORT

FOR REMOVAL OF COAL TAR IMPACTED
SEDIMENTS FROM THE SUSQUEHANNA RIVER
ASSOCIATED WITH OPERABLE UNIT NO. 2 (OU2)

Owego East Main Street
Former Manufactured Gas Plant Site
Village of Owego, Tioga County, New York

February 2003

Prepared For:
New York State Electric & Gas Corporation

Prepared By:
Earth Tech Northeast, Inc.
40 British American Boulevard
Latham, NY 12110

Reviewed and Approved By:
New York State Department of Environmental Conservation
And New York State Department of Health

Earth Tech Project No. 57351

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EXECUTIVE SUMMARY

As requested by the New York State Electric & Gas (NYSEG) Corporation, Earth Tech Northeast, Inc. (ET) performed remedial construction activities at the NYSEG Owego Coal Gas Site, Operable Unit No. 2 (OU2) located in the Village of Owego, New York. Site activities were conducted in accordance with a Remedial Design (RD) Work Plan (ET, June 2003) and as required by Section VI of the Order on Consent Record of Decision between NYSEG and the New York State Department of Environmental Conservation (NYSDEC).

The NYSEG Owego Coal Gas Site, Site No. 7-54-008, was a former Manufactured Gas Plant (MGP) operated by a predecessor of NYSEG. The remedial action conducted at the NYSEG Owego Coal Gas Site addresses contamination in an isolated portion of the Susquehanna River. The contamination was due to a direct discharge of coal tar waste from a former pipeline into the river approximately 1200 feet south of the former MGP site.

Remedial activities began in October 2003 and were completed in November 2003. The initial activities consisted of mobilization to the site, clearing and grubbing of work areas, and delineation of work zones. ET subcontracted Buffalo Diving to install a cofferdam system in the Susquehanna River utilizing steel sheetpiles in compliance with the RD work plan.

The cofferdam system encompassed the excavation area. Dewatering was conducted within the excavation area to remove all water from within the cofferdam system and as required to assist with excavation activities. Due to the saturated conditions of the sediment and the inability to efficiently stockpile sediment in the containment area, solidification of the sediment was necessary. Cement kiln dust was added to the sediment and mechanically blended with heavy equipment prior to removal into a lined containment area. Excavation of the sediment was completed to a depth of 1' below the original grade of river sediment and within the limits identified in the RD Report. The discharge point of a 24-inch diameter ductile iron pipeline was identified 20' out of the riverbank within the remediation area. Coal tar waste was present along the inside walls of the pipe and in the vicinity of the open end of the pipe. Impacted sediment near the pipe and a total of 30' of pipe was removed and staged in the containment area for load out and disposal.

Additional sediment was removed from two areas outside of the cofferdam system. These areas were excavated through conventional clamshell dredging procedures. A minimum of 1' of sediment was removed and placed into a roll off container. The sediment was allowed to gravity dewater for several days. Sediment was removed from the roll off container and incorporated into the previously stockpiled sediment in the containment area.

During excavation activities, a Community Air Monitoring Program (CAMP) was implemented. Real-time air monitoring for volatile organic compounds and total suspended particulates was conducted at upwind and downwind monitoring stations. In addition, a Work Zone Monitoring Program was implemented and real-time air monitoring for volatile organic compounds was conducted.

Upon completing excavation activities, the entire area was backfilled with medium sized cobbles to restore the river bottom to its original habitat. All pumps were shut down and removed upon completion of backfilling the river bottom. The sheetpiled cell was allowed to recharge with infiltrating river water and groundwater until the water elevation within the cell reached the same elevation as the river. Steel sheets were then removed from the river.

All sediment excavated from the site was disposed of as RCRA non-hazardous soil. Approximately 1,212 tons of stabilized river sediment (sediment containing cement kiln dust) was generated from remediation

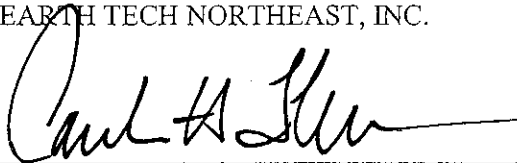
activities, transported, and disposed of off-site. Manifesting and transportation of all non-hazardous regulated sediment generated from excavation activities was conducted in accordance with Federal Department of Transportation regulations. All impacted sediment was transported to the Ontario County Landfill located in the Town of Seneca, New York under a standard non-hazardous manifest. Waste materials generated during site preparation and site restoration were deemed to be non-hazardous and transported to off-site permitted landfills.

Upon completion of remedial actions, site restoration was performed. Site restoration tasks included: materials used to construct containment areas were removed and disposed of off-site, security fencing and temporary access road removed, riverbank edges were stabilized with seed, hay, and erosion control blanket to prevent erosion, six inches of topsoil was graded over disturbed areas, areas were seeded, fertilized, mulched, and mature trees were planted.

CONSTRUCTION CERTIFICATION

I herby certify, as a Professional Engineer registered in the State of New York, that the remedial action performed during the period of October and November 2003 was performed in general accordance with Earth Tech's Remedial Design Work Plan (June 2003) and in accordance with accepted standards of practice.

Respectively Submitted,
EARTH TECH NORTHEAST, INC.



Carsten H. Floess
Registered Professional Engineer
New York License No. 061261

3-1-04

Date



1.0 INTRODUCTION

1.1 GENERAL

As required by the New York State Department of Environmental Conservation (NYSDEC), Earth Tech (ET) was requested by New York State Electric & Gas Corporation (NYSEG) to prepare this Remedial Action (RA) Report for the remedial construction activities that were performed at the NYSEG Owego Coal Gas site, Operable Unit No. 2 (OU2) in accordance with Section VI of the Order on Consent Record of Decision (Index No. D0-0002-9309) between NYSEG and the NYSDEC, and Earth Tech's Remedial Design (RD) Work Plan dated June 2003. The remedial construction activities were completed during the period of October to November 2003. The remedial action conducted in the area identified in the Susquehanna River consisted of the following tasks:

- Mobilization of equipment, personnel, and materials to the Site
- Clearing and grubbing activities
- Installation of a temporary 6' high chain link fence around the active areas of the Site
- Delineation of work zones (i.e. exclusion zone, contaminant reduction zone, and safety zone)
- Preparation of material stockpile management areas
- Placement of erosion control measures and temporary access road
- Installation of sheetpiles into river bed to create cofferdam system
- Dewatering of remedial area*
- Blending of cement kiln dust into sediment for solidification*
- Excavation of approximately 1,041 tons of RCRA non-hazardous impacted sediment
- Air-quality monitoring
- Stockpiling and gravity dewatering of all excavated material
- Removal of 30 feet of pipeline and visibly contaminated sediment in vicinity of pipeline
- Mechanical dredging of sediment in two areas outside of cofferdam system *
- Transportation and offsite disposal of approximately 1,212 tons of impacted material (weight includes blended cement kiln dust)
- Backfill of remedial area with stone and gravel
- Demobilization of equipment, personnel, and materials from the Site

The asterisk (*) denotes tasks that included deviations from the RD work plan. These deviations are identified and discussed in the following sections.

1.2 PROPERTY DESCRIPTION AND BACKGROUND

The NYSEG Owego Coal Gas Site, Site No. 7-54-008, is located in the Village of Owego, in Tioga County. The former Manufactured Gas Plant (MGP) operated at this one-acre site on East Main Street in a rural residential setting in the eastern portion of the Village. See Figure 1-1. A predecessor company of NYSEG operated the MGP.

Operable Unit No. 2, which is the subject of this RA Report, addresses site related contamination in an isolated portion of the Susquehanna River. The contamination is due to coal tar waste that discharged directly into the river from a former pipeline. This area is located approximately 1200 feet south of the former MGP site and approximately 600 feet south of the intersection of Route 17C and East Front Street.

Coal gas was manufactured at the Owego MGP from 1856 to 1935. The main structure of the facility was a brick production house located on the west portion of the site. This building housed the retorts, boilers, condensers, exhausters, tar extractors, and scrubbers. Approximately 40 ft. east of the production house

was a second brick structure that housed the gas purifying and regulating equipment, and the tar storage vessel. A wood-framed structure enclosed the area between the brick buildings (BBL 1997).

Three separate gasholders, consisting of a below grade holder and two above grade holders, were used at various times during the years of gas production. After gas production was discontinued, the above grade structures associated with the plant were removed. In 1994 and 1995, foundations of the two above ground gas holders, as well as the brick underground gas holder, were removed during an interim remediation measure (IRM). The majority of the site is currently vacant except for a small portion located adjacent to East Main Street that is used as a natural gas regulation station (BBL 1997).

The reach of the Susquehanna River investigated during the Focused RI is located behind residences and businesses in the Village of Owego. There is no public access to this portion of the river, except a right of way for the village between two residences. During summer low flow periods the water depth along the 3500 length of the north shore observed during the screening investigation varied from less than two feet to greater than 6 feet. Shoals restrict navigation in this reach of the river to small boats due to the variable water depth.

Recreational use of a motorized boat in this reach of the river would be hazardous due to the shoals. Debris observed by O'Brien & Gere on the riverbed along the shoreline during Focused RI field activities suggests that recreational use of this section of the Susquehanna River is limited. New York State rates the water quality of the Susquehanna River in the village of Owego as Class C. According to the state rating system, the best usage of Class C water is fishing, the waters are required to be suitable for fish propagation and survival, and the water is not considered suitable for drinking (NYS DOS 1999).

The coal tar deposit was located in the river, in the vicinity of a 24" diameter pipe, approximately 1200 ft. from the location of the former MGP in Owego. The coal tar deposit was located approximately one foot below the sediment surface under a crusted layer of coal tar. The extent of the deposit was initially characterized based upon probing the area in the vicinity of the pipeline and observing for evidence of coal tar. The shoreline in the immediate area of the coal tar deposit is a wooded area of a residential property and the area is not publicly accessible. The riverbank is steep with trees and shrubbery ascending approximately 10 to 20 feet above the river surface water level during low flow. During low flow, the water depth in the vicinity of the coal tar impacted area is generally greater than 5 feet deep making it unsuitable for wading, except along the shoreline. The steep bank further limits waterfront use. Due to the limited access, it appears that human use of the river in the vicinity of the coal tar area is limited.

2.0 DESCRIPTION OF REMEDIAL ACTION

The remedial action was completed in compliance with the NYSDEC Order on Consent Record of Decision and the June 2003 Remedial Design Work Plan. The remedial construction was performed for NYSEG by Earth Tech (the Contractor) and Earth Tech's subcontractor, Buffalo Diving.

2.1 HEALTH AND SAFETY PLAN SUBMITTAL

Upon official notice to proceed, Earth Tech prepared a Site specific Health and Safety Plan (HASP) in conformance with 29 CFR 1910. Attached to the HASP were the required training certificates for the field personnel assigned to this project.

2.2 MOBILIZATION/SITE PREPARATION

Prior to mobilization, the Underground Facilities Protective Organization (UFPO) marked the locations of aboveground and underground utilities. Earth Tech arranged for temporary utility services (including electric, water, and sanitary), equipment and materials to be mobilized, and put in place environmental and health and safety controls prior to commencing work.

Earth Tech as part of the site preparation performed clearing and grubbing activities. Earth Tech removed only the trees that were necessary to provide access for remedial activities. Earth Tech stockpiled debris materials and properly disposed of at an off-site facility. The bulk of debris consisted of vegetation (stumps, trunks, branches, foliage, and grasses), and limited amounts of construction and demolition debris that was present prior to remedial action activities.

Earth Tech installed a 6' high temporary chain link fence around the active areas of the site to delineate the work area. All visitors were directed to the on-site office/equipment storage area to be escorted into the active work area.

Equipment that was mobilized to the site included flexible-float barges, crane, vibratory hammer, excavator, dozer, vibratory roller, frac tanks, water filtration system, roll-off container, dewatering equipment, miscellaneous portable equipment, air monitoring equipment, and miscellaneous hand tools. Flexible float barges, crane, and vibratory hammer were mobilized to the site via an upriver boat launch located off of Marshland Road, Owego, New York. All other equipment was mobilized to the site via a temporary access road constructed by Earth Tech.

A temporary access road was constructed to provide a stabilized driving surface into the work area. Work included preparation and stabilization of road subgrade, installation of geotextile separation fabric, and placement and compaction of a stone wearing surface. The roadway was constructed with 6-12" of crushed gravel placed on the geotextile separation fabric with 4" of 2" minus stone placed above the crushed gravel.

2.3 INSTALLATION AND REMOVAL OF COFFERDAM SYSTEM

Buffalo Diving was subcontracted to perform the installation of the cofferdam system utilizing steel sheets of various lengths in compliance with the RD Work Plan. The anticipated water level in the river was slightly higher than originally estimated due to the local precipitation occurring prior to and during the time remedial action was completed. During mobilization and site preparation activities, Earth Tech and NYSEG utilized a Global Positioning System (GPS) to locate the perimeter locations of the planned sediment excavation. The GPS unit utilized was accurate within ± 0.01 feet horizontally. The perimeter locations were demarcated with floating buoys. The sheetpiled cofferdam system was then placed approximately 5 feet outside the limits of excavation. Water levels were then measured along the planned sheetpiled wall. The water levels ranged from 11' to 0' of water. Water levels were then evaluated against the original sheetpiling design. Based on the greater depth of water at the time of construction, longer sheets (30') were utilized for the increased water level at the location of the cofferdam system.

Sheetpiling installation operations were all conducted from the river utilizing flexible-float barges to minimize the disturbance of the shoreline and the associated residential properties. Steel sheets were driven into river sediment from the flexible-float barges using a vibratory hammer suspended from a track-mounted 100 ton crane. Steel sheets were driven to depths ranging from 10' to 19' below the river bottom surface. At the conclusion of the cofferdam installation, the location and outside perimeter of the cofferdam was surveyed utilizing a GPS system. 343 LF of sheetpiling were installed to complete the cofferdam system. Upon completion of the cofferdam system installation, all cranes and sheetpiling

installation equipment were staged outside the cofferdam system on the flexible float barges. The barges were secured through spuds until the steel sheets were ready to be removed.

Steel sheets were removed upon the completion of excavation of river sediment, backfill / restoration of the river bottom, and water recharge of the sheetpiled cell. Steel sheets were removed utilizing the same vibratory hammer and crane used for sheet installation. The sheets, sheetpiling equipment, and flexible float barges were then prepared for demobilization and demobilized from the site utilizing the upriver boat launch located off of Marshland Road, Owego, New York. Representative photographs of cofferdam installation are shown in the attached Photo Log.

2.4 DEWATERING OF EXCAVATION AREA

2.4.1 *Initial Dewatering of Remedial Area*

From October 17 to 23, 2003, the excavation area was dewatered using various pumps. All river water within the cofferdam system generated during the initial dewatering operations was pumped from the sheetpiled cell to the diffuser box/area prior to being discharge back into the Susquehanna River. Effluent water from the various pumps was monitored through visual inspection at the diffuser area for any increase in turbidity and any potential oil sheen associated with the coal tar impacted sediment. Throughout the dewatering operations no increase in turbidity or sheens were observed in the diffuser box/area.

A 12" and 6" variable speed centrifugal pump were initially utilized to draw down the water table within the cofferdam system and operated until the majority of the river water was removed from the excavation area. The 12" pump was turned off when the water reached approximately 2' deep within the sheetpiled cell. The suction head and screen from the 12" and 6" pumps were suspended above the river bottom through the use of buoys to prevent solids from being picked up off the river bottom. Effluent water from the 12" pump was discharged directly into the diffuser area prior to flowing back into the Susquehanna River. Effluent water from the 6" pump was discharged into a non-woven filter bag placed in the diffuser box for additional filtering of any suspended solids. Water from the filter box gravity drained from the diffuser box back into the Susquehanna River through a polyethylene lined swale.

The remaining 2' of river water was removed using a 6-inch pump. In an effort to facilitate dewatering, a 36" x 18" deep sump was constructed along the cofferdam system at the lowest elevation within the sheetpiled cell. Discharge water from the 6-inch pump flowed through a 10' x 15' non-woven filter bag placed in the diffuser box. Upon completion of the dewatering operations, additional 2" and 3" submersible pumps were placed in shallow sumps along the sheetpiled wall to capture and dewater only water that was entering through the sheetpiling interlocks. This water was discharged directly back into the river over the sheetpiled wall. To reduce the volume of water entering through sheetpiling interlocks, mason sand was introduced into the interlocks to minimize river water infiltration into cofferdam system.

Some fish did become trapped in the sumps. Small fish (less than 3") were typically sucked through the screen of the 6-inch pump however; larger fish (greater than 3") could not be sucked into pump and water levels within the sumps always remained high enough for most of these fish to survive.

2.4.2 *Dewatering of Remedial Area During Excavation*

The dewatering of the remedial area during excavation was a deviation from the remedial action work plan. It was proposed in the work plan that water recovered during the excavation operations would be staged on site in frac tanks, sampled, and then discharged to the Village of Owego Waste Water Treatment Plant (WWTP) upon meeting the WWTP's acceptance criteria. If necessary, dewatered liquids

would be treated on-site through filtration and granular activated carbon adsorption to meet the acceptance criteria of the local WWTP.

Due to the extensive infiltration of groundwater into the excavation area through the shoreline boundary and the upgradient water infiltration through the highly permeable river sediment, the volume of water requiring removal to maintain a dewatered state within the sheetpiled area could not be efficiently maintained or stored on-site. Earth Tech and NYSEG worked with the Village of Owego's WWTP to allow for the direct discharge of the 6" pump into the Village of Owego's sewer system for treatment at the WWTP. Earth Tech collected water samples from within the sheetpiled area during excavation operations and submitted the samples to Upstate Laboratories, Binghamton, New York for waste characterization analysis. The results of the water samples were within the acceptance criteria for the WWTP allowing for the direct discharge of the construction water to the WWTP during excavation operations. Approximately 998,000 gallons of water were discharged during excavation activities to a nearby sewer manhole for treatment at the WWTP. See Appendix A for copies of water analytical results.

2.5 SEDIMENT EXCAVATION

2.5.1 Sediment Removal

On October 24, 2003 sediment removal began when standing water was no longer present within the immediate area of excavation and subgrade was adequately stable to support low ground pressure excavation equipment. Due to continued infiltration of water and groundwater and the relatively soft nature of the river bottom, sediment in the excavation area was saturated and unable to be stockpiled to an efficient height. In addition, the subgrade at the outer limits of excavation near sheeting was comprised of mostly silt and very unstable. A long stick excavator was mobilized to the site to allow for controlled sediment excavation at the outer limits of the excavation. The long stick excavator was positioned on the cobble bottom in the center of the excavation where native river bottom was more stable.

Due to the saturated conditions and stackability of the sediment, excavation and staging of the sediment in the containment area as originally anticipated was inefficient. Earth Tech deviated from the remedial action work plan and transported 170.9 tons of cement kiln dust (CKD) to the site from the St. Lawrence Cement Company's Catskill Cement Plant in order to blend and stabilize the sediment. The CKD was pneumatically transferred directly into the excavation area through the use of a 4" hose. The CKD was then mechanically blended into the excavated sediment prior to removal from the excavation area. The stabilized sediment was removed with a second excavator and placed into a lined containment area. Representative photographs of sediment removal, blending CKD, and stockpiling the material are shown in the attached Photo Log.

Excavation of the sediment was completed to the limits identified in the RD Report. Sediment within the excavation area was completed to a depth of 1' below original grade of river sediment. Depth of excavation was continuously monitored during operations. Excavation in the vicinity of the former pipe was completed to a depth of 3' or until all visually observed coal tar impacts were removed. Approx 20 LF of impacted pipe was removed from the river sediment during excavation activities.

Earth Tech collected one in-situ sediment sample for waste characterization prior to remediation activities. The sample was collected in the vicinity of the suspected pipeline by the piston core method. The piston core recovered a sediment sample from 0 feet to approximately 3 feet below the surface of the river bottom. The sample was removed from the core, composited, and placed into laboratory approved sample bottleware. The sediment sample was submitted under appropriate chain of custody to Severn Trent Laboratories for waste characterization analysis. The results of the waste characterization analysis

indicated that sediment was RCRA non-hazardous. The analytical results of the in-situ sediment sample are provided in Appendix B.

Earth Tech excavated approximately 1,041 tons of sediment. Approximately 1,212 tons of sediment blended with CKD was removed from the identified limits of the excavation.

2.5.2 Staging Area

Two sediment stockpile management areas were constructed on the shoreline. Both stockpile management areas were constructed of soil and straw/hay bale berms along the perimeter and 20-mil polyethylene sheeting for lining. The areas were graded to facilitate gravity dewatering of stockpiled sediment. Sediment stockpiles were covered with 10-mil polyethylene sheeting to eliminate cross contamination and to prevent rainwater from coming in contact with the sediment. Representative photographs of sediment staging areas are shown in the attached Photo Log.

2.6 PIPELINE REMOVAL

On October 24, 2003 Earth Tech identified the discharge point of a 24-inch outer diameter ductile iron pipeline. The pipeline was located near the eastern portion of the remediation area protruding 20' out of the riverbank. Earth Tech removed sediment and cobbles surrounding the pipe. Coal tar waste was present along the inside walls of the pipe to a thickness not greater than a 1/4-inch. A minor amount of visibly impacted sediment was observed in the vicinity of the open end of the pipe, which was removed during the sediment removal operations. Impacted sediment on the river bank terminated within 2' of the existing shoreline. Additional excavation of the impacted pipeline continued approximately 10' into the shoreline until there was no visible evidence or odor present in the pipeline. The coal tar present in the ductile iron pipe terminated at the transition from ductile iron pipe to clay pipe. As discussed above, the pipeline extended approximately 20 feet into the river and was removed and staged in the containment area for load out and disposal. A total of 30' of impacted pipe were removed during the remedial action.

2.7 OUTLYING AREA SEDIMENT REMOVAL

Due to the relatively high water elevation of the river during the remedial action, the planned vacuuming of impacted sediment in the outlying areas was not feasible. As an alternative and under the approval of the NYDEC the outlying areas were excavated through conventional dredging procedures. The centers of the outlying areas were first located and demarcated utilizing a GPS system. The GPS system utilized was accurate within ± 0.01 feet horizontally.

A crane equipped with a mechanical clamshell dredge was utilized to remove the sediment from the two outlying areas. The initial depth of water was measured at the outlying area locations. The mechanical clamshell dredge then removed material until a minimum of 1' of material was removed as measured from the top of the water to the river bottom. The dredged material was then placed onto a non-woven filter fabric inside a roll off container. The roll off was elevated on one end to create a moderate pitch to promote gravity draining of the dredged sediment. The water from the drained sediment was filtered through the filter fabric and inspected for visible sheen prior to discharge back into the river. The sediment was allowed to gravity drain for several days before the sediment was removed from the container and incorporated into the other excavated sediment in the material staging area. Both outlying areas were excavated with similar procedures. Over 6 CY of material was estimated to have been removed through mechanical dredging at the outlying areas. Representative photographs of sediment removal at the outlying areas are shown in the attached Photo Log.

2.8 BACKFILL AND RIVER BOTTOM RESTORATION

Upon completion, the entire excavated area was backfilled with 510.64 tons of medium sized cobbles in an effort to restore the river bottom to its original habitat prior to the remedial action. The medium sized cobbles were backfilled to a depth of 1' in the general excavation area and 3' in the former location of the 24" diameter discharge pipe. All equipment and pumps were removed from within the cofferdam system upon the completion of backfilling the river bottom. With the pumps removed and the 6" pump turned off the sheetpiled cell was allowed to recharge with infiltrating river water until the water elevation within the sheeted cell reached the same elevation as the river.

2.9 COMMUNITY AIR MONITORING PROGRAM

2.9.1 Real-Time Air Monitoring – Volatile Organic Compounds

Real-time air quality data for volatile organic compounds (VOCs) was collected during excavation activities from one upwind and one downwind perimeter monitoring stations established by Earth Tech. Each station was located near the perimeter of the site. Real-time monitoring began at the start of each workday when intrusive activities commenced. Real-time monitoring was accomplished using a total volatile organic analyzer equipped with a photo ionization detector (PID) and a 10.2-eV lamp, which was calibrated daily to benzene with a 100 ppm isobutylene air standard. Monitoring instruments were set up by pointing the intake tube of the PID toward the likely emission source, generally at the height of the breathing zone (4 to 5 feet). The instruments were monitored during the course of the day and data downloaded at the end of the work shift. Monitoring location, wind direction, weather conditions and site activities were also recorded.

Based on data published by OSHA (Occupational Safety and Health Administration), ACGIH (American Congress of Government Industrial Hygienists), and NIOSH (National Institute for Occupational Safety and Health), short-term air quality action levels were established for air emissions control at the site perimeter. An action level for VOCs at the site perimeter was established at 5.0 ppm above background. Background for VOCs was established prior to any remedial activities conducted on site.

On October 10, 2003, VOC background for the site was established. VOCs were measured for a total of 7 hours and no detectable concentrations of VOCs were recorded. On October 24, 2003 Earth Tech commenced intrusive activities. Upwind and downwind perimeter VOC monitoring was conducted at this time. (The downwind PID was the same instrument used to establish site background.) No detectable concentrations of VOCs were recorded for the upwind perimeter monitoring location and the downwind perimeter monitoring location. VOC levels did not exceed the short-term air quality action level of 5.0 ppm above background at either the upwind or downwind perimeter monitoring locations. Because the short-term action level was not exceeded, no actions were taken as part of the Vapor Emissions Response Plan. See Appendix C for total organic volatile monitoring logs.

2.9.2 Real Time Monitoring – Total Suspended Particulates

In conjunction with the real-time hourly volatile emission monitoring, real-time air quality data for total suspended particulate was collected during excavation activities from one upwind and one downwind perimeter monitoring stations established by Earth Tech. Real-time monitoring began at the start of each workday when intrusive activities commenced. The instrument used for this sampling was an MIE DataRam PDR-1000, which is a passive instrument that operates on the principle of light scattering. The DataRam PDR-1000 responds to particles in the size range of 0.1 to 10 micrometers and in the concentration range of 0.01 to 400 mg/m³. Real-time particulate measurements were based on a 15-

minute, time-weighted average. The DataRam was calibrated daily with a filtered air sample. Monitoring instruments were set up near the perimeter of the site toward the likely emission source, generally at the height of the breathing zone (4 to 5 feet). The instruments were monitored during the course of the day and data downloaded at the end of the work shift.

A New York State action level of $150 \mu\text{g}/\text{m}^3$ per 15-minutes for particulate matter above background was used to determine whether modifications to given processes were required. Background for total suspended particulate was established prior to the start of any remedial activities.

On October 10, 2003, background for total suspended particulates was established for the site. Total suspended particulates were measured for 7 hours at 15-minute averages. The daily 15-minute average was measured to be $83 \mu\text{g}/\text{m}^3$ with the maximum 15-minute average measured to be $199 \mu\text{g}/\text{m}^3$. The New York State action level of $150 \mu\text{g}/\text{m}^3$ plus the site daily 15-minute average were added together to establish the site-specific action level of $233 \mu\text{g}/\text{m}^3$.

On October 24, 2003, Earth Tech began intrusive activities. Upwind and downwind perimeter total suspended particulate monitoring was conducted. (The downwind DataRam was the same instrument used to establish site background.) Total suspended particulate concentrations did not exceed the site-specific action level for the upwind perimeter monitoring location however; the site-specific action level for the downwind perimeter monitoring location was exceeded. Total suspended particulate exceedences were a direct result of dust generated from CKD offloading and CKD stockpiling. Exceedences of total suspended particulates were not a direct result of dust generated from sediment removed from excavation. Earth Tech confirmed this by monitoring instruments through the course of the day and recording observations that coincided with real-time measurements. See Appendix D for total suspended particulates monitoring logs.

Earth Tech implemented dust suppression controls based on the exceedences of the action level for total suspended particulates. The flow rate at which the CKD was being off-loaded from the delivery truck was significantly reduced upon the exceedence of the action level. A 40' X 60' plastic tarp was used to cover the end of the kiln dust discharge hose. The tarp prevented the kiln dust from becoming airborne thus reducing the amount of dust generated. Occasionally for brief periods of time, the discharge hose would "blow out" from under the tarp resulting in an exceedence of the action level. Earth Tech continuously monitored the discharge hose to prevent further blow-outs by securing the hose and tarp with anchors. A rupture in the discharge hose also resulted in an exceedence of the action level. Earth Tech took corrective action by replacing and repairing various sections of the discharge hose.

2.10 WORK ZONE AIR MONITORING PROGRAM

On October 23 and 24, 2003, Earth Tech conducted work zone air monitoring for VOCs. Monitoring conducted on October 23 was prior to intrusive activities and monitoring conducted on October 24 was during intrusive activities. Based on data published by OSHA (Occupational Safety and Health Administration), ACGIH (American Congress of Government Industrial Hygienists), and NIOSH (National Institute for Occupational Safety and Health), short term air quality action level for VOCs at the work area was established at 5.0 ppm above background. Site background for VOCs was established to be zero (discussed in the previous section), therefore the site specific action level for the work zone was 5.0 ppm. No concentration of VOCs recorded for work zone monitoring exceeded the site-specific action level. Because the short-term action level was not exceeded, no actions were taken as part of the site Health and Safety Plan. See Appendix C for work zone total volatile organic compound monitoring log.

2.11 DECONTAMINATION

The tires, tracks, undercarriages, and excavation buckets of all construction equipment (excavator and dozer) and tools that entered the remediation area were decontaminated within the limits of the excavation. Decontamination procedures include the physical/mechanical removal of soil, etc., including high-pressure washing.

Trucks transporting excavated sediment off site were placed on 6-mil polyethylene sheeting. Care was exercised when loading trucks to not spill material on the outside of the trucks and onto the unprotected ground surface. Prior to leaving the site, each truck was visually inspected (i.e. box sidewalls, box tailgate, and tires, etc.) and cleaned with brushes as required. In addition, trucks were tarped prior to leaving the site. Before staging another truck, the 6-mil polyethylene sheeting utilized at the loading area was either cleaned by brooms or replaced if it could not be cleaned.

2.12 SITE RESTORATION

Upon completion of the remedial action, Earth Tech performed the following restoration tasks:

- The remedial area was graded to permit proper run off and prevent standing water.
- Materials used to construct the contamination reduction pad were removed and disposed of offsite.
- All security fencing and gate surrounding work area was removed.
- Temporary access road removed.
- Six inches of topsoil was placed over remedial area and former access road. Then seed, fertilizer, and mulch were applied evenly over the Site.
- Soils removed from the riverbed were restored with medium sized cobbles.
- Riverbank edges were stabilized with seed, hay, and jute mesh to prevent erosion.
- All waste material generated during site restoration were placed in a 20 yard roll-off container and removed by a local waste handler.

2.13 WASTE MANAGEMENT

Pre-remediation samples were collected of the sediment in-situ and analyzed for waste characterization. Based on the analytical results and the visually observed low levels of contamination in the river sediment, all materials excavated from the site were disposed of as RCRA non-hazardous soil. Approximately 1,212 tons of stabilized river sediment (sediment containing CKD) was generated from remediation activities, transported, and disposed offsite. Earth Tech provided manifesting and transportation of all non-hazardous regulated sediment generated from excavation activities in accordance with Federal Department of Transportation (DOT) regulations 49 CFR 172. All impacted sediment was transported to Ontario County Landfill located in the Town of Seneca, New York under a standard non-hazardous manifest. See Appendix E for copies of non-hazardous waste manifests and Appendix F for copies of the certified weight tickets from the disposal facility.

Waste materials generated as a result of site preparation and site restoration were deemed to be non-hazardous wastes and transported by Earth Tech and local waste handlers to off-site permitted landfills.

Approximately 15 tons of garbage and misc. debris were removed from the site during restoration activities.

Earth Tech did not manifest liquid wastes because water removed during excavation activities was discharged directly to the local WWTP.

3.0 CONCLUSIONS AND RECOMMENDATIONS

With the removal of 1,212.28 tons of stabilized impacted sediment and the removal of the end of the pipeline that is suspected to have provided a mode of transport for the MGP tar into the river, the goals of the remedial action have been satisfied. The previously characterized MGP impacted sediment has been removed from the river bottom thereby improving the river quality. The pipeline that still had visible MGP associated tar was removed to a point where no visible MGP tar was present in the pipe, thereby eliminating any additional migration of contaminants into the river. The banks of the river have been restored to prevent any erosion and the river bottom has been restored to its original habitat with the placement of 510.64 tons of cobbles along the river bottom.

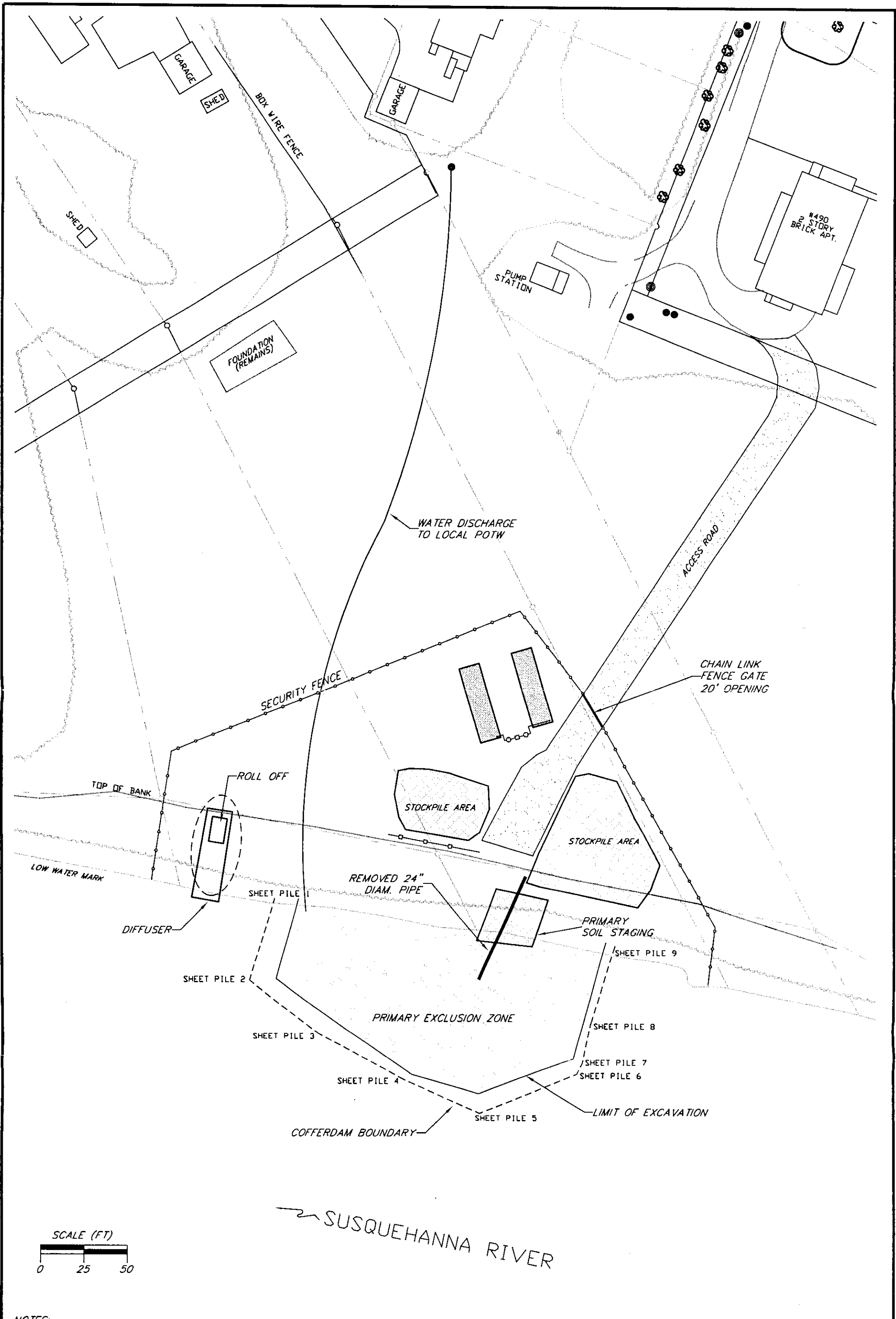
TABLES

TABLE 1
Remedial Action
Removal of Coal Tar Impacted Sediments from the Susquehanna River
Owego, New York
Manifest Log

Load	Date	Weight Ticket No.	Manifest No.	Tons
1	11/4/03	97607	00001	30.56
2	11/4/03	97620	00002	30.19
3	11/4/03	97630	00003	30.10
4	11/4/03	97646	00004	21.76
5	11/4/03	97658	00005	42.43
6	11/4/03	97660	00006	31.06
7	11/5/03	97754	00007	32.03
8	11/5/03	97758	00008	32.51
9	11/5/03	97762	00009	28.59
10	11/5/03	97775	00010	37.94
11	11/5/03	97790	00011	23.05
12	11/5/03	97799	00012	39.86
13	11/5/03	97803	00013	36.77
14	11/5/03	97824	00014	29.93
15	11/5/03	97831	00015	33.11
16	11/5/03	97865	00016	40.12
17	11/5/03	97881	00017	37.90
18	11/5/03	97891	00018	32.32
19	11/5/03	97894	00019	36.13
20	11/6/03	97930	00020	36.78
21	11/6/03	97903	00021	31.70
22	11/6/03	97902	00022	39.21
23	11/6/03	98048	00023	42.68
24	11/6/03	97928	00024	40.75
25	11/10/03	98239	00025	33.66
26	11/6/03	97925	00026	41.18
27	11/6/03	97972	00027	35.47
28	11/6/03	97983	00028	37.43
29	11/6/03	97988	00029	28.18
30	11/6/03	98027	00030	34.25
31	11/6/03	98031	00031	32.62
32	11/6/03	98040	00032	33.55
33	11/6/03	98050	00033	35.79
34	11/7/03	98092	00034	38.36
35	11/7/03	98098	00035	44.31
Total Tons				1212.28

Sediment disposed at the Ontario County Landfill located in the Town of Seneca, New York.

FIGURES



NOTES:
 PROPERTY BOUNDARIES SUPPLIED BY OTHERS. EXCAVATION LIMITS AND COFFERDAM LOCATION SURVEYED BY NYSEG.

APPENDIX A

**CONSTRUCTION WATER
ANALYTICAL RESULTS**

Upstate Laboratories inc.

Shipping: 6034 Corporate Dr. • E. Syracuse, NY 13057-1017 • (315) 437-0255 • Fax (315) 437-1209

Mailing: Box 289 • Syracuse, NY 13206

Albany (518) 459-3134

Binghamton (607) 724-0478

Buffalo (716) 649-2533

Rochester (585) 436-9070

New Jersey (201) 343-5353

November 5, 2003

NOV 7 2003

Mr. Keith Decker
Earth Tech, Inc.
40 British American Blvd.
Latham, NY 12210

Re: Analysis Report #29603046 - Owego-NYSEG MGP

Dear Mr. Decker:

Please find enclosed the results for your sample which was picked up by ULI personnel on October 23, 2003.


We have included the Chain of Custody Record as part of your report. You may need to reference this form for a more detailed explanation of your sample. Samples will be disposed of approximately one month from final report date.

Should you have any questions, please feel free to give us a call.

Thank you for your patronage.

Sincerely,

UPSTATE LABORATORIES, INC.


Anthony J. Scala
Director

AJS/jd

Enclosures: report, invoice

cc/encs: N. Scala, ULI
file

Note: Faxed results were given to your office on 10/23 and 11/5/03.
AJS

Disclaimer: The test results and procedures utilized, and laboratory interpretations of data obtained by ULI as contained in this report are believed by ULI to be accurate and reliable for sample(s) tested. In accepting this report, the customer agrees that the full extent of any and all liability for actual and consequential damages of ULI for the services performed shall be equal to the fee charged to the customer for the services as liquidated damages.

DATE: 11/05/03

Upstate Laboratories, Inc.

Analysis Results

Report Number: 29603046

Client I.D.: EARTH TECH, INC. LATHAM

Sampled by: Client

APPROVAL: _____

QC: _____

Lab I.D.: 10170

OWEGO-NYSEG MGP

DISCHARGE TO POTW 0800H 10/23/03 G

ULI I.D.: 29603046

Matrix: Water

PARAMETERS	RESULTS	TIME	DATE	ANAL. KEY	KEY	FILE#
Total Suspended Solids	230mg/l		10/23/03			WE5744
Total Arsenic by Low Level	0.020mg/l		11/03/03			MB5882
Total Cadmium	<0.005mg/l		10/29/03			MB5872
Total Chromium	<0.05mg/l		10/29/03			MB5872
Total Copper	0.03mg/l		10/29/03			MB5872
Total Lead	<0.1mg/l		10/29/03			MB5872
Total Mercury	<0.0004mg/l		11/04/03			MB5884
Total Molybdenum by Low Level	<0.010mg/l		11/04/03			MB5887
Total Nickel	<0.03mg/l		10/29/03			MB5872
Total Selenium by Low Level	<0.005mg/l		11/03/03			MB5882
Total Zinc	0.04mg/l		10/29/03			MB5872

TCL Volatiles by EPA Method 8260

Chloromethane	<3ug/l		11/03/03			VM4699
Bromomethane	<3ug/l		11/03/03			VM4699
Vinyl Chloride	<2ug/l		11/03/03			VM4699
Chloroethane	<3ug/l		11/03/03			VM4699
Methylene Chloride	<3ug/l		11/03/03			VM4699
Acetone	<10ug/l		11/03/03			VM4699
Carbon Disulfide	<3ug/l		11/03/03			VM4699
1,1-Dichloroethene	<3ug/l		11/03/03			VM4699
1,1-Dichloroethane	<3ug/l		11/03/03			VM4699
trans-1,2-Dichloroethene	<3ug/l		11/03/03			VM4699
cis-1,2-Dichloroethene	<3ug/l		11/03/03			VM4699
Chloroform	<3ug/l		11/03/03			VM4699
1,2-Dichloroethane	<3ug/l		11/03/03			VM4699
2-Butanone	<10ug/l		11/03/03			VM4699
1,1,1-Trichloroethane	<3ug/l		11/03/03			VM4699
Carbon Tetrachloride	<3ug/l		11/03/03			VM4699
Bromodichloromethane	<3ug/l		11/03/03			VM4699
1,2-Dichloropropane	<3ug/l		11/03/03			VM4699
cis-1,3-Dichloropropene	<3ug/l		11/03/03			VM4699
Trichloroethene	<3ug/l		11/03/03			VM4699
Dibromochloromethane	<3ug/l		11/03/03			VM4699
1,1,2-Trichloroethane	<3ug/l		11/03/03			VM4699
Benzene	<3ug/l		11/03/03			VM4699
trans-1,3-Dichloropropene	<3ug/l		11/03/03			VM4699
Bromoform	<3ug/l		11/03/03			VM4699
4-Methyl-2-pentanone	<10ug/l		11/03/03			VM4699
2-Hexanone	<10ug/l		11/03/03			VM4699

DATE: 11/05/03

Upstate Laboratories, Inc.

Analysis Results

Report Number: 29603046

Client I.D.: EARTH TECH, INC. LATHAM

Sampled by: Client

APPROVAL: _____

QC: _____

Lab I.D.: 10170

OWEGO-NYSEG MGP

DISCHARGE TO POTW 0800H 10/23/03 G

ULI I.D.: 29603046

Matrix: Water

PARAMETERS	RESULTS	TIME	DATE	ANAL. KEY	KEY	FILE#
Tetrachloroethene	<3ug/l		11/03/03			VM4699
1,1,2,2-Tetrachloroethane	<3ug/l		11/03/03			VM4699
Toluene	<3ug/l		11/03/03			VM4699
Chlorobenzene	<3ug/l		11/03/03			VM4699
Ethylbenzene	<3ug/l		11/03/03			VM4699
Styrene	<3ug/l		11/03/03			VM4699
m,p-Xylene	<3ug/l		11/03/03			VM4699
o-Xylene	<3ug/l		11/03/03			VM4699

TCL Semivolatiles by EPA Method 8270

Phenol	<5ug/l		10/29/03			SA4037
bis(2-Chloroethyl)ether	<5ug/l		10/29/03			SA4037
2-Chlorophenol	<5ug/l		10/29/03			SA4037
1,3-Dichlorobenzene	<5ug/l		10/29/03			SA4037
1,4-Dichlorobenzene	<5ug/l		10/29/03			SA4037
1,2-Dichlorobenzene	<5ug/l		10/29/03			SA4037
2-Methylphenol	<5ug/l		10/29/03			SA4037
2,2'-Oxybis(1-Chloropropane)	<5ug/l		10/29/03			SA4037
4-Methylphenol	<5ug/l		10/29/03			SA4037
n-Nitrosodipropylamine	<5ug/l		10/29/03			SA4037
Hexachloroethane	<5ug/l		10/29/03			SA4037
Nitrobenzene	<5ug/l		10/29/03			SA4037
Isophorone	<5ug/l		10/29/03			SA4037
2-Nitrophenol	<5ug/l		10/29/03			SA4037
2,4-Dimethylphenol	<5ug/l		10/29/03			SA4037
bis(2-Chloroethoxy)methane	<5ug/l		10/29/03			SA4037
2,4-Dichlorophenol	<5ug/l		10/29/03			SA4037
1,2,4-Trichlorobenzene	<5ug/l		10/29/03			SA4037
Naphthalene	<5ug/l		10/29/03			SA4037
4-Chloroaniline	<5ug/l		10/29/03			SA4037
Hexachlorobutadiene	<5ug/l		10/29/03			SA4037
4-Chloro-3-methylphenol	<5ug/l		10/29/03			SA4037
2-Methylnaphthalene	<5ug/l		10/29/03			SA4037
Hexachlorocyclopentadiene	<5ug/l		10/29/03			SA4037
2,4,6-Trichlorophenol	<5ug/l		10/29/03			SA4037
2,4,5-Trichlorophenol	<5ug/l		10/29/03			SA4037
2-Chloronaphthalene	<5ug/l		10/29/03			SA4037
2-Nitroaniline	<50ug/l		10/29/03			SA4037
Dimethylphthalate	<5ug/l		10/29/03			SA4037
Acenaphthylene	<5ug/l		10/29/03			SA4037

DATE: 11/05/03

Upstate Laboratories, Inc.

Analysis Results

Report Number: 29603046

Client I.D.: EARTH TECH, INC. LATHAM

Sampled by: Client

APPROVAL: _____

QC: _____

Lab I.D.: 10170

OWEGO-NYSEG MGP

DISCHARGE TO POTW 0800H 10/23/03 G

ULI I.D.: 29603046

Matrix: Water

PARAMETERS	RESULTS	TIME	DATE	ANAL.	KEY	KEY	FILE#
2,6-Dinitrotoluene	<5ug/l		10/29/03				SA4037
3-Nitroaniline	<50ug/l		10/29/03				SA4037
Acenaphthene	<5ug/l		10/29/03				SA4037
2,4-Dinitrophenol	<50ug/l		10/29/03				SA4037
4-Nitrophenol	<50ug/l		10/29/03				SA4037
Dibenzofuran	<5ug/l		10/29/03				SA4037
2,4-Dinitrotoluene	<5ug/l		10/29/03				SA4037
Diethylphthalate	<5ug/l		10/29/03				SA4037
4-Chlorophenylphenylether	<5ug/l		10/29/03				SA4037
Fluorene	<5ug/l		10/29/03				SA4037
4-Nitroaniline	<50ug/l		10/29/03				SA4037
2-Methyl-4,6-dinitrophenol	<50ug/l		10/29/03				SA4037
n-Nitrosodiphenylamine	<5ug/l		10/29/03				SA4037
4-Bromophenylphenylether	<5ug/l		10/29/03				SA4037
Hexachlorobenzene	<5ug/l		10/29/03				SA4037
Pentachlorophenol	<10ug/l		10/29/03				SA4037
Phenanthrene	<5ug/l		10/29/03				SA4037
Anthracene	<5ug/l		10/29/03				SA4037
Carbazole	<5ug/l		10/29/03				SA4037
Di-n-butylphthalate	<5ug/l		10/29/03				SA4037
Fluoranthene	<5ug/l		10/29/03				SA4037
Pyrene	<5ug/l		10/29/03				SA4037
Butylbenzylphthalate	<5ug/l		10/29/03				SA4037
3,3'-Dichlorobenzidine	<5ug/l		10/29/03				SA4037
Benzo(a)anthracene	<5ug/l		10/29/03				SA4037
Chrysene	<5ug/l		10/29/03				SA4037
bis(2-Ethylhexyl)phthalate	<5ug/l		10/29/03				SA4037
Di-n-octylphthalate	<5ug/l		10/29/03				SA4037
Benzo(b)fluoranthene	<5ug/l		10/29/03				SA4037
Benzo(k)fluoranthene	<5ug/l		10/29/03				SA4037
Benzo(a)pyrene	<5ug/l		10/29/03				SA4037
Indeno(1,2,3-cd)pyrene	<5ug/l		10/29/03				SA4037
Dibenzo(a,h)anthracene	<5ug/l		10/29/03				SA4037
Benzo(ghi)perylene	<5ug/l		10/29/03				SA4037

Chain Of Custody Record

Chain Of Custody Record

Fair Lawn (NJ)

Note: The numbered columns above cross-reference with the numbered columns in the upper right-hand corner.

APPENDIX B

SEDIMENT

WASTE CHARACTERIZATION

Attention: Keith Decker
Earth Tech
40 British American Blvd
Latham, NY 12110

STL Newburgh is a part of Severn Trent Laboratories, Inc.



NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
Tel (845) 562-0890
Fax (845) 562-0841

ANALYTICAL REPORT

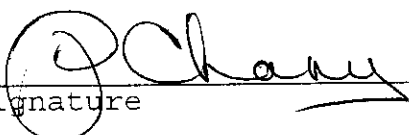
JOB NUMBER: 229428

Prepared For:

Earth Tech
40 British American Blvd
Latham, NY 12110

Attention: Keith Decker

Date: 10/21/2003


Signature

Name: Kelly A. Pryor

Title: Project Manager

E-Mail: kpryor@stl-inc.com

10/21/03
Date

315 Fullerton Avenue
Newburgh, NY 12550

PHONE: (845) 562-0890
FAX...: (845) 562-0841

STL Newburgh is a part of Severn Trent Laboratories, Inc.

Date: 10/21/2003

Project Number.....: 20001091
Customer Project ID....: NYSEG OWEGO
Project Description....: NYSEG Owego

STL Newburgh is a plant of Severn Trent Laboratories, Inc.

Job Number: 229428

LABORATORY TEST RESULTS

Date: 10/21/2003

CUSTOMER: Earth Tech

PROJECT: NYSEG OWEGO

ATTN: Keith Decker

Customer Sample ID: Sediment
 Date Sampled.....: 10/09/2003
 Time Sampled.....: 00:00
 Sample Matrix.....: Soil

Laboratory Sample ID: 229428-1
 Date Received.....: 10/13/2003
 Time Received.....: 09:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
SW846 7470A	Mercury (Hg), TCLP	0.50	U		0.50	ug/L	10/16/03	lms
SW846 1311	TCLP Extraction, TCLP	Complete					10/15/03	mwh
SW846 3550B	Ultrasonic Extraction	Complete					10/16/03	lms
EPA 160.3	% Moisture	30.6			0.10	%	10/14/03	lms
EPA 160.3	% Solids	69.4			0.10	%	10/14/03	lms
SW846 1311	TCLP Zero Head Space (ZHE) Extraction, TCLP	Complete						ljc
SW846 8082	PCB Analysis							
	Aroclor 1016*	24	U		24	ug/Kg	10/17/03	smo
	Aroclor 1221*	24	U		24	ug/Kg	10/17/03	smo
	Aroclor 1232*	24	U		24	ug/Kg	10/17/03	smo
	Aroclor 1242*	24	U		24	ug/Kg	10/17/03	smo
	Aroclor 1248*	24	U		24	ug/Kg	10/17/03	smo
	Aroclor 1254*	48	U		48	ug/Kg	10/17/03	smo
	Aroclor 1260*	48	U		48	ug/Kg	10/17/03	smo
SW846 6010B	Metals Analysis (ICAP)							
	Arsenic (As), TCLP	200	U		200	ug/L	10/15/03	mad
	Barium (Ba), TCLP	791			400	ug/L	10/15/03	mad
	Cadmium (Cd), TCLP	20.0	U		20.0	ug/L	10/15/03	mad
	Chromium (Cr), TCLP	20.0	U		20.0	ug/L	10/15/03	mad
	Lead (Pb), TCLP	200	U		200	ug/L	10/15/03	mad
	Selenium (Se), TCLP	50.0	U		50.0	ug/L	10/15/03	mad
	Silver (Ag), TCLP	20.0	U		20.0	ug/L	10/15/03	mad
SW846 8270C	Semivolatile Organics							
	Pyridine, TCLP	20	U		20	ug/L	10/15/03	caw
	1,4-Dichlorobenzene, TCLP	20	U		20	ug/L	10/15/03	caw
	2-Methylphenol (o-cresol), TCLP	20	U		20	ug/L	10/15/03	caw
	Hexachloroethane, TCLP	20	U		20	ug/L	10/15/03	caw
	4-Methylphenol (m/p-cresol), TCLP	20	U		20	ug/L	10/15/03	caw
	Nitrobenzene, TCLP	20	U		20	ug/L	10/15/03	caw
	Hexachlorobutadiene, TCLP	20	U		20	ug/L	10/15/03	caw
	2,4,6-Trichlorophenol, TCLP	20	U		20	ug/L	10/15/03	caw
	2,4,5-Trichlorophenol, TCLP	100	U		100	ug/L	10/15/03	caw
	2,4-Dinitrotoluene, TCLP	20	U		20	ug/L	10/15/03	caw
	Hexachlorobenzene, TCLP	20	U		20	ug/L	10/15/03	caw
	Pentachlorophenol, TCLP	51	U		51	ug/L	10/15/03	caw
SW846 8260B	Volatile Organics							
	Vinyl chloride, TCLP	10	U		10	ug/L	10/16/03	pcp
	1,1-Dichloroethene, TCLP	10	U		10	ug/L	10/16/03	pcp
	2-Butanone (MEK), TCLP	5.0	J		10	ug/L	10/16/03	pcp

In Description = Dry Wgt.

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STL

NYSDOH 10142

NJDEP 73015

CTDOHS PH-0554

EPA NY049

PA 68-378

M-NY049

STL Newburgh
 315 Fullerton Avenue
 Newburgh, NY 12550
 Tel (845) 562-0890
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L A B O R A T O R Y T E S T R E S U L T S

Job Number: 229428

Date: 10/21/2003

CUSTOMER: Earth Tech

PROJECT: NYSEG OWEGO

ATTN: Keith Decker

Customer Sample ID: Sediment
Date Sampled.....: 10/09/2003
Time Sampled.....: 00:00
Sample Matrix.....: Soil

Laboratory Sample ID: 229428-1
Date Received.....: 10/13/2003
Time Received.....: 09:15

TEST METHOD	PARAMETER/TEST DESCRIPTION	SAMPLE RESULT	Q	FLAGS	REPORTING LIMIT	UNITS	ANALYZED	TECH
	Chloroform, TCLP	10	U		10	ug/L	10/16/03	pcp
	Carbon tetrachloride, TCLP	10	U		10	ug/L	10/16/03	pcp
	Benzene, TCLP	10	U		10	ug/L	10/16/03	pcp
	1,2-Dichloroethane, TCLP	10	U		10	ug/L	10/16/03	pcp
	Trichloroethene, TCLP	10	U		10	ug/L	10/16/03	pcp
	Tetrachloroethene, TCLP	10	U		10	ug/L	10/16/03	pcp
	Chlorobenzene, TCLP	10	U		10	ug/L	10/16/03	pcp

In Description = Dry Wgt.

Page 3

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L A B O R A T O R Y C H R O N I C L E

Job Number: 229428

Date: 10/21/2003

CUSTOMER: Earth Tech

PROJECT: NYSEG OWEGO

ATTN: Keith Decker

Lab ID: 229428-1	Client ID: Sediment	Date Recvd: 10/13/2003	Sample Date: 10/09/2003				
METHOD	DESCRIPTION	RUN#	BATCH#	PREP BT	#(S)	DATE/TIME ANALYZED	DILUTION
EPA 200.7	Acid Digestion, Total Recoverable(ICAP)	1	54454			10/14/2003 0930	
SW846 3550B	Extraction Ultrasonic (PCBs)	1	54665			10/16/2003 0930	
SW846 7470A	Mercury (CVAA) Liquid Waste	1	54626			10/16/2003 1100	
SW846 6010B	Metals Analysis (ICAP)	1	54614	54454		10/15/2003 1731	2.000
SW846 8082	PCB Analysis	1	54726			10/17/2003 0000	
SW846 8270C	Semivolatile Organics	1	54661			10/15/2003 0000	2.041
EPA 160.3	Solids, Total	1	54642			10/14/2003 1030	
SW846 1311	TCLP Extraction BN/Acids	1	54548			10/15/2003 0930	
SW846 1311	TCLP Extraction Metals	1	54455			10/13/2003 1500	
SW846 1311	TCLP Zero Headspace Extraction	1	54766				
SW846 8260B	Volatile Organics	1	54732			10/16/2003 0000	

QUALITY ASSURANCE METHODS

REFERENCES AND NOTES

Report Date: 10/21/2003

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements will be noted in a case narrative.
Report Comments

- 1) All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.
- 2) Soil, sediment and sludge sample results are reported on a "dry weight" basis.
- 3) Reporting limits are adjusted for sample size used, dilutions and moisture content if applicable.

Glossary of flags and qualifiers.

Inorganic Qualifiers (Q-Column)

- U Indicates that the compound was analyzed for but not detected.
- 1 Result fails applicable drinking water standards.
- * Duplicate analysis not within control limits.
- N Spiked sample recovery not within control limits.
- E Indicates an estimated value because of the presence of interferences.
- W Post digestion spike for furnace AA analysis is out of the control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.
- + Correlation coefficient for the MSA is less than 0.995
- B The reported value is less than the Contract Required Detection Limit (CRDL), but greater than the Instrument Detection Limit (IDL).

Organic Qualifiers (Q-Column)

- U Indicates that the compound was analyzed for but not detected.
- J Indicates an estimated value. This compound meets the identification criteria, but the result is less than the specified detection limit.
- B Indicates that the analyte was found in both the sample and its associated laboratory blank.
- D Indicates all compounds identified in an analysis at a secondary dilution factor.
- E Indicates that the analyte in an analysis has exceeded the linear calibration range.

Glossary of Terms

Surrogates (Surrogate Standards) - an organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process. For semi-volatiles, volatiles and pesticides/Arochlors, surrogate compounds are added to every blank, sample, matrix sample, matrix spike, matrix sample duplicate, matrix spike blank, and standard. These are used to evaluate analytical efficiency by measuring recovery. Poor surrogate recovery may indicate a problem with the sample composition.

Matrix Spike - an aliquot of a sample (water or soil) fortified (spiked) with known quantities of specific compounds (target analytes) and subjected to the entire analytical procedure in order to indicate the appropriateness of the method for the matrix by measuring recovery. The spiking occurs prior to sample preparation and analysis. Poor spike recovery may indicate a problem with the sample composition.

Internal Standards - an organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process. For GC/MS semi-volatiles and volatiles, internal standards are added to every blank, sample, matrix spike, matrix spike duplicate, matrix spike blank, and standard. Internal standard responses outside of established limits will adversely affect the quantitation and final concentration of target compounds.

Con. out
128 Long Hill Cross Road
Shelton, CT 06484

Tel: (203) 929-8140
Fax: (203) 929-8142

CHAIN OF CUSTODY / RECORD

PAGE

OF

NO.

24428

STL JOB #:

CLIENT: NYSBG

PROJECT ID: *owego*

STL PROJECT MGR:

RUSH ☐ YES ☐ NO DUE DATE

TESTS

GENERAL REMARKS

TCLP
VOC

TCLP
5002

TCLP
metals

PCB

BOTTLE TYPE AND PRESERVATION

ice
6

ice
(ice
6re
G

5 DAY
TAT

Rel Temp
19° on ice

[illegible]

MATRIX CODES		BOTTLES PREPARED BY		DATE/TIME		BOTTLES REC'D BY		DATE/TIME		REMARKS ON SAMPLE RECEIPT	
A - AIR	S - SOIL	SIGNATURE		DATE/TIME		SIGNATURE		DATE/TIME		<div><input type="checkbox"/> BOTTLES INTACT</div> <div><input type="checkbox"/> CUSTODY SEALS</div> <div><input type="checkbox"/> PRESERVED</div> <div><input type="checkbox"/> SEALS INTACT</div> <div><input type="checkbox"/> CHILLED</div> <div><input type="checkbox"/> SEE REMARKS</div>	
AQ - AQUEOUS	SL - SLUDGE										
C - COMPLEX	W - WIPE	SAMPLES COLLECTED BY		DATE/TIME		RECEIVED IN LAB BY		DATE/TIME			
D - DRUM WASTE	O - OTHER										
OI - OIL	FB - FIELD BLANK	SIGNATURE		DATE/TIME		SIGNATURE		DATE/TIME			
	TB - TRIP BLANK										

APPENDIX C
VOLATILE ORGANIC COMPOUNDS
DATA LOGS

**TOTAL VOLATILE ORGANIC COMPOUNDS
DIRECT READING INSTRUMENT LOG**

Project: NYSEG Owego OU2 Job No.: ET#57351
 Date: 10/10/2003 Operator: Minda K. Kirk
 Instrument: SentryRAE SN 500280 Calibration: 100ppm Isobutylene (10/10/03)

Sampling Location: NYSEG Owego OU2 Site - VOCs Background

Sample Interval: 15 minutes (900 seconds)

Background Reading: Establishing Action Level/Response: Not Applicable

TIME	LOCATION	READING (ppm)	COMMENTS
7:07:00	On-site Background	0	
7:22:00	On-site Background	0	
7:37:00	On-site Background	0	
7:52:00	On-site Background	0	
8:07:00	On-site Background	0	
8:22:00	On-site Background	0	
8:37:00	On-site Background	0	
8:52:00	On-site Background	0	
9:07:00	On-site Background	0	
9:22:00	On-site Background	0	
9:37:00	On-site Background	0	
9:52:00	On-site Background	0	
10:07:00	On-site Background	0	
10:22:00	On-site Background	0	
10:37:00	On-site Background	0	
10:52:00	On-site Background	0	
11:07:00	On-site Background	0	
11:22:00	On-site Background	0	
11:37:00	On-site Background	0	
11:52:00	On-site Background	0	
12:07:00	On-site Background	0	
12:22:00	On-site Background	0	
12:37:00	On-site Background	0	
12:52:00	On-site Background	0	
13:07:00	On-site Background	0	
13:22:00	On-site Background	0	
13:37:00	On-site Background	0	

**TOTAL VOLATILE ORGANIC COMPOUNDS
DIRECT READING INSTRUMENT LOG**

Project: NYSEG Owego OU2 Job No.: ET#57351
 Date: 10/24/2003 Operator: Minda K. Kirk
 Instrument: SentryRAE SN 500279 Calibration: 100ppm Isobutylene (10/24/03)

Sampling Location: NYSEG Owego OU2 Site - VOCs Upwind

Sample Interval: 15 minutes (900 seconds)

Background Reading: 0.0 ppm Action Level/Response: 5.0 ppm

TIME	LOCATION	READING (ppm)	COMMENTS
7:50:00	Upwind	0	
8:05:00	Upwind	0	
8:20:00	Upwind	0	
8:35:00	Upwind	0	
8:50:00	Upwind	0	
9:05:00	Upwind	0	
9:20:00	Upwind	0	
9:35:00	Upwind	0	
9:50:00	Upwind	0	
10:05:00	Upwind	0	
10:20:00	Upwind	0	
10:35:00	Upwind	0	
10:50:00	Upwind	0	
11:05:00	Upwind	0	
11:20:00	Upwind	0	
11:35:00	Upwind	0	
11:50:00	Upwind	0	
12:05:00	Upwind	0	
12:20:00	Upwind	0	
12:35:00	Upwind	0	
12:50:00	Upwind	0	
13:05:00	Upwind	0	
13:20:00	Upwind	0	
13:35:00	Upwind	0	
13:50:00	Upwind	0	
14:05:00	Upwind	0	
14:20:00	Upwind	0	
14:35:00	Upwind	0	
14:50:00	Upwind	0	
15:05:00	Upwind	0	
15:20:00	Upwind	0	
15:35:00	Upwind	0	
15:50:00	Upwind	0	

Table Continues:

TIME	LOCATION	READING (ppm)	COMMENTS
16:05:00	Upwind	0	
16:20:00	Upwind	0	
16:35:00	Upwind	0	
16:50:00	Upwind	0	
17:05:00	Upwind	0	
17:20:00	Upwind	0	
17:35:00	Upwind	0	
17:50:00	Upwind	0	
18:05:00	Upwind	0	
18:20:00	Upwind	0	
18:35:00	Upwind	0	
18:50:00	Upwind	0	
19:05:00	Upwind	0	
19:20:00	Upwind	0	
19:35:00	Upwind	0	
19:50:00	Upwind	0	
20:05:00	Upwind	0	
20:20:00	Upwind	0	
20:35:00	Upwind	0	
20:50:00	Upwind	0	
21:05:00	Upwind	0	
21:20:00	Upwind	0	
21:35:00	Upwind	0	
21:50:00	Upwind	0	
22:05:00	Upwind	0	
22:20:00	Upwind	0	
22:35:00	Upwind	0	
22:50:00	Upwind	0	
23:05:00	Upwind	0	
23:20:00	Upwind	0	
23:35:00	Upwind	0	
23:50:00	Upwind	0	
0:05:00	Upwind	0	
0:20:00	Upwind	0	
0:35:00	Upwind	0	
0:50:00	Upwind	0	
1:05:00	Upwind	0	
1:20:00	Upwind	0	
1:35:00	Upwind	0	
1:50:00	Upwind	0	
2:05:00	Upwind	0	
2:20:00	Upwind	0	
2:35:00	Upwind	0	
2:50:00	Upwind	0	
3:05:00	Upwind	0	
3:20:00	Upwind	0	
3:35:00	Upwind	0	

**TOTAL VOLATILE ORGANIC COMPOUNDS
DIRECT READING INSTRUMENT LOG**

Project: NYSEG Owego OU2 Job No.: ET#57351
 Date: 10/24/2003 Operator: Minda K. Kirk
 Instrument: SentryRAE SN 500280 Calibration: 100ppm Isobutylene (10/24/03)

Sampling Location: NYSEG Owego OU2 Site - VOCs Downwind

Sample Interval: 15 minutes (900 seconds)

Background Reading: 0.0 ppm Action Level/Response: 5.0 ppm

TIME	LOCATION	READING (ppm)	COMMENTS
7:39:00	Downwind	0	
7:54:00	Downwind	0	
8:09:00	Downwind	0	
8:24:00	Downwind	0	
8:39:00	Downwind	0	
8:54:00	Downwind	0	
9:09:00	Downwind	0	
9:24:00	Downwind	0	
9:39:00	Downwind	0	
9:54:00	Downwind	0	
10:09:00	Downwind	0	
10:24:00	Downwind	0	
10:39:00	Downwind	0	
10:54:00	Downwind	0	
11:09:00	Downwind	0	
11:24:00	Downwind	0	
11:39:00	Downwind	0	
11:54:00	Downwind	0	
12:09:00	Downwind	0	
12:24:00	Downwind	0	
12:39:00	Downwind	0	
12:54:00	Downwind	0	
13:09:00	Downwind	0	
13:24:00	Downwind	0	
13:39:00	Downwind	0	
13:54:00	Downwind	0	
14:09:00	Downwind	0	
14:24:00	Downwind	0	
14:39:00	Downwind	0	
14:54:00	Downwind	0	
15:09:00	Downwind	0	
15:24:00	Downwind	0	
15:39:00	Downwind	0	

Table Continues:

TIME	LOCATION	READING (ppm)	COMMENTS
15:54:00	Downwind	0	
16:09:00	Downwind	0	
16:24:00	Downwind	0	
16:39:00	Downwind	0	
16:54:00	Downwind	0	
17:09:00	Downwind	0	
17:24:00	Downwind	0	
17:39:00	Downwind	0	
17:54:00	Downwind	0	
18:09:00	Downwind	0	
18:24:00	Downwind	0	
18:39:00	Downwind	0	
18:54:00	Downwind	0	
19:09:00	Downwind	0	
19:24:00	Downwind	0	
19:39:00	Downwind	0	
19:54:00	Downwind	0	
20:29:00	Downwind	0	
20:24:00	Downwind	0	
20:39:00	Downwind	0	
20:54:00	Downwind	0	
21:09:00	Downwind	0	
21:24:00	Downwind	0	
21:39:00	Downwind	0	
21:54:00	Downwind	0	
22:09:00	Downwind	0	
22:24:00	Downwind	0	
22:39:00	Downwind	0	
22:54:00	Downwind	0	
23:09:00	Downwind	0	
23:24:00	Downwind	0	
23:29:00	Downwind	0	
23:54:00	Downwind	0	
0:09:00	Downwind	0	
0:24:00	Downwind	0	
0:39:00	Downwind	0	
0:54:00	Downwind	0	
1:09:00	Downwind	0	
1:24:00	Downwind	0	
1:39:00	Downwind	0	
1:54:00	Downwind	0	
2:09:00	Downwind	0	
2:24:00	Downwind	0	
2:39:00	Downwind	0	
2:54:00	Downwind	0	
3:09:00	Downwind	0	
3:24:00	Downwind	0	

**TOTAL VOLATILE ORGANIC COMPOUNDS
DIRECT READING INSTRUMENT LOG**

Project: NYSEG Owego OU2 Job No.: ET#57351
 Date: 10/24/2003 Operator: Minda K. Kirk
 Instrument: MiniRAE 2000 SN 007077 Calibration: 100ppm Isobutylene (10/24/03)

Sampling Location: NYSEG Owego OU2 Site - Work Zone

Sample Interval: 15 minute (900 seconds)

Background Reading: 0.0 ppm Action Level/Response: 5.0 ppm

TIME	LOCATION	READING (ppm)	COMMENTS
10/24/2003 9:45	Work Zone	<1	
10/24/2003 10:00	Work Zone	<1	
10/24/2003 10:15	Work Zone	<1	
10/24/2003 10:30	Work Zone	0	
10/24/2003 10:45	Work Zone	0	
10/24/2003 11:00	Work Zone	0	
10/24/2003 11:15	Work Zone	0	
10/24/2003 11:30	Work Zone	0	
10/24/2003 11:45	Work Zone	0	
10/24/2003 12:00	Work Zone	0	
10/24/2003 12:15	Work Zone	0	
10/24/2003 12:30	Work Zone	0	
10/24/2003 12:45	Work Zone	0	
10/24/2003 13:00	Work Zone	0	
10/24/2003 13:15	Work Zone	0	
10/24/2003 13:30	Work Zone	0	
10/24/2003 13:45	Work Zone	0	
10/24/2003 14:00	Work Zone	0	
10/24/2003 14:15	Work Zone	0	
10/24/2003 14:30	Work Zone	0	
10/24/2003 14:45	Work Zone	0	
10/24/2003 15:00	Work Zone	0	
10/24/2003 15:15	Work Zone	0	
10/24/2003 15:30	Work Zone	0	
10/24/2003 15:45	Work Zone	0	
10/24/2003 16:00	Work Zone	0	
10/24/2003 16:15	Work Zone	0	
10/24/2003 16:30	Work Zone	0	
10/24/2003 16:45	Work Zone	0	
10/24/2003 17:00	Work Zone	0	
10/24/2003 17:15	Work Zone	0	
10/24/2003 17:30	Work Zone	0	
10/24/2003 17:45	Work Zone	0	
10/24/2003 18:00	Work Zone	0	
10/24/2003 18:15	Work Zone	0	
10/24/2003 18:30	Work Zone	0	

Table Continues

TIME	LOCATION	READING (ppm)	COMMENTS
10/24/2003 18:45	Work Zone	0	
10/24/2003 19:00	Work Zone	<1	
10/24/2003 19:15	Work Zone	<1	
10/24/2003 19:30	Work Zone	<1	
10/24/2003 19:45	Work Zone	<1	
10/24/2003 20:00	Work Zone	<1	
10/24/2003 20:15	Work Zone	0	
10/24/2003 20:30	Work Zone	0	
10/24/2003 20:45	Work Zone	0	
10/24/2003 21:00	Work Zone	<1	
10/24/2003 21:15	Work Zone	<1	
10/24/2003 21:30	Work Zone	<1	
10/24/2003 21:40	Work Zone	<1	
10/24/2003 21:43	Work Zone	1.4	

APPENDIX D

**TOTAL SUSPENDED PARTICULATE
DATA LOGS**

**TOTAL SUSPENDED PARTICULATE
DIRECT READING INSTRUMENT LOG**

Project: NYSEG Owego OU2 Job No.: ET#57351
 Date: 10/10/2003 Operator: Minda K. Kirk
 Instrument: MIE DataRAM PDR-1000 Calibration: Zeroed with filtered air (10/10/03)
SN 02015

Sampling Location: NYSEG Owego OU2 Site - Dust Background

Sample Interval: 15 minutes (900 seconds)

Background Reading: Establishing Action Level/Response: Not Applicable

TIME	LOCATION	READING (ug/m ³)	COMMENTS
07:19:12	On-site Background	34	
07:34:12	On-site Background	50	
07:49:12	On-site Background	68	
08:04:12	On-site Background	86	
08:19:12	On-site Background	124	Foggy conditions
08:34:12	On-site Background	130	Foggy conditions
08:49:12	On-site Background	139	Foggy conditions
09:04:12	On-site Background	172	Foggy conditions
09:19:12	On-site Background	153	Foggy conditions
09:34:12	On-site Background	129	Foggy conditions
09:49:12	On-site Background	115	Foggy conditions
10:04:12	On-site Background	117	Foggy conditions
10:19:12	On-site Background	104	
10:34:12	On-site Background	91	
10:49:12	On-site Background	78	
11:04:12	On-site Background	70	
11:19:12	On-site Background	60	
11:34:12	On-site Background	55	
11:49:12	On-site Background	62	
12:04:12	On-site Background	60	
12:19:12	On-site Background	56	
12:34:12	On-site Background	55	
12:49:12	On-site Background	59	
13:04:12	On-site Background	57	
13:19:12	On-site Background	53	
13:34:12	On-site Background	45	
13:49:12	On-site Background	44	

**TOTAL SUSPENDED PARTICULATE
DIRECT READING INSTRUMENT LOG**

Project: NYSEG Owego OU2 Job No.: ET#57351
 Date: 10/24/2003 Operator: Minda K. Kirk
 Instrument: MIE DataRAM PDR-1000 Calibration: Zeroed with filtered air (10/24/03)
SN 02018

Sampling Location: NYSEG Owego OU2 Site - Dust Upwind

Sample Interval: 15 minutes (900 seconds)

Background Reading: 83 ug/m³ Action Level/Response: 233 ug/m³

TIME	LOCATION	READING (ug/m ³)	COMMENTS
08:06:32	On-site Upwind	7	
08:21:32	On-site Upwind	8	
08:36:32	On-site Upwind	10	
08:51:32	On-site Upwind	10	
09:06:32	On-site Upwind	10	
09:21:32	On-site Upwind	13	
09:36:32	On-site Upwind	16	
09:51:32	On-site Upwind	13	
10:06:32	On-site Upwind	6	
10:21:32	On-site Upwind	3	
10:36:32	On-site Upwind	2	
10:51:32	On-site Upwind	3	
11:06:32	On-site Upwind	4	
11:21:32	On-site Upwind	1	
11:36:32	On-site Upwind	1	
11:51:32	On-site Upwind	1	
12:06:32	On-site Upwind	1	
12:21:32	On-site Upwind	2	
12:36:32	On-site Upwind	2	
12:51:32	On-site Upwind	2	
13:06:32	On-site Upwind	3	
13:21:32	On-site Upwind	3	
13:36:32	On-site Upwind	3	
13:51:32	On-site Upwind	5	
14:06:32	On-site Upwind	2	
14:21:32	On-site Upwind	2	
14:36:32	On-site Upwind	2	
14:51:32	On-site Upwind	2	
15:06:32	On-site Upwind	2	
15:21:32	On-site Upwind	2	
15:36:32	On-site Upwind	3	
15:51:32	On-site Upwind	3	
16:06:32	On-site Upwind	3	

Table Continues

TIME	LOCATION	READING (ug/m ³)	COMMENTS
16:21:32	On-site Upwind	14	
16:36:32	On-site Upwind	3	
16:51:32	On-site Upwind	3	
17:06:32	On-site Upwind	3	
17:21:32	On-site Upwind	3	
17:36:32	On-site Upwind	3	
17:51:32	On-site Upwind	2	
18:06:32	On-site Upwind	3	
18:21:32	On-site Upwind	5	
18:36:32	On-site Upwind	5	
18:51:32	On-site Upwind	11	
19:06:32	On-site Upwind	7	
19:21:32	On-site Upwind	15	
19:36:32	On-site Upwind	8	
19:51:32	On-site Upwind	15	
20:06:32	On-site Upwind	2	
20:21:32	On-site Upwind	0	

TOTAL SUSPENDED PARTICULATE DIRECT READING INSTRUMENT LOG

Project: NYSEG Owego OU2 Job No.: ET#57351
 Date: 10/24/2003 Operator: Minda K. Kirk
 Instrument: MIE DataRAM PDR-1000 Calibration: zeroed with filtered air (10/24/03)
 SN 02015
 Sampling Location: NYSEG Owego OU2 Site - Dust Downwind
 Sample Interval: 15 minutes (900 seconds)
 Background Reading: 83 ug/m³ Action Level/Response: 233 ug/m³

TIME	LOCATION	READING (ug/m ³)	COMMENTS
07:50:15	On-site Downwind	17	
08:05:15	On-site Downwind	19	
08:20:15	On-site Downwind	23	
08:35:15	On-site Downwind	26	
08:50:15	On-site Downwind	27	
09:05:15	On-site Downwind	29	
09:20:15	On-site Downwind	61	
09:35:15	On-site Downwind	49	
09:50:15	On-site Downwind	114	First load of kiln dust delivered
10:05:15	On-site Downwind	202	Kiln dust being added to sediment
10:20:15	On-site Downwind	167	Dust suppression with tarp & sandbags
10:35:15	On-site Downwind	2796	Discharge hose blow out
10:50:15	On-site Downwind	897	Dust suppression with tarp & sandbags
11:05:15	On-site Downwind	1521	Discharge hose blow out
11:20:15	On-site Downwind	34	Dust suppression with tarp & sandbags
11:35:15	On-site Downwind	32	Dust suppression with tarp & sandbags
11:50:15	On-site Downwind	85	Dust suppression with tarp & sandbags
12:05:15	On-site Downwind	224	Discharge hose rupture
12:20:15	On-site Downwind	36	Dust suppression with sandbags
12:35:15	On-site Downwind	149	Second load of kiln dust delivered
12:50:15	On-site Downwind	50	Dust suppression with tarp & sandbags
13:05:15	On-site Downwind	84	Dust suppression with tarp & sandbags
13:20:15	On-site Downwind	36	Dust suppression with tarp & sandbags
13:35:15	On-site Downwind	349	Discharge hose rupture
13:50:15	On-site Downwind	133	Dust suppression with sandbags
14:05:15	On-site Downwind	672	Third load of kiln dust delivered
14:20:15	On-site Downwind	220	Discharge hose rupture
14:35:15	On-site Downwind	45	Dust suppression with tarp & sandbags
14:50:15	On-site Downwind	49	Dust suppression with tarp & sandbags
15:05:15	On-site Downwind	113	Dust suppression with tarp & sandbags
15:20:15	On-site Downwind	94	Dust suppression with tarp & sandbags
15:35:15	On-site Downwind	55	End of kiln dust deliveries
15:50:15	On-site Downwind	43	

Table Continues

TIME	LOCATION	READING (ug/m ³)	COMMENTS
16:05:15	On-site Downwind	42	
16:20:15	On-site Downwind	43	
16:35:15	On-site Downwind	41	
16:50:15	On-site Downwind	42	
17:05:15	On-site Downwind	41	
17:20:15	On-site Downwind	42	
17:35:15	On-site Downwind	42	
17:50:15	On-site Downwind	43	
18:05:15	On-site Downwind	45	

APPENDIX E

**NON-HAZARDOUS WASTE
MANIFESTS**

97607

00001

Printed/Typed Name (12-pitch typewriter)

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. Manifest Document No. 00001 2. Page 1 of 1

3. Generator's Name and Mailing Address New York State Gas Electric Corporation Corp. Drive - Kirkwood Industrial Park Kirkwood, NY 13795 Owego East Main Street MGP Site

4. Generator's Phone (607-762-8683 Bert Finch

5. Transporter 1 Company Name Sunshine / STATES 6. US EPA ID Number 8A-546 A. Transporter's Phone 315-548-2383

7. Transporter 2 Company Name 8. US EPA ID Number B. Transporter's Phone

9. Designated Facility Name and Site Address Ontario County Landfill 3555 Post Farm Road Stanley, NY 14561 10. US EPA ID Number Facility Number Permit # 8-3244-0004/00001-0 C. Facility's Phone (585) 526-4420

11. Waste Shipping Name and Description	12. Containers		13. Total	14. Unit
	No.	Type	Quantity	Wt/Vol
a. NON-HAZARDOUS SEDIMENT	001	DT	est 35	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above Owego East Main Street MGP Approval # Waste Soils E. Handling Codes for Wastes Listed Above L

15. Special Handling Instructions and Additional Information In Case of Emergency or for information on this shipment, Call: Keith Decker (Earth Tech) 518-229-7214 Bert Finch (NYSEG) 607-762-8683

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste. Printed/Typed Name CAROLYN McMAHAN Signature Carolyn McMahon Month Day Year 1/10/03 Earth Tech as agent for NYSEG

17. Transporter 1 Acknowledgement of Receipt of Materials Printed/Typed Name Kevin STATES Signature Kevin States Month Day Year 1/10/03

18. Transporter 2 Acknowledgement of Receipt of Materials Printed/Typed Name Signature Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19. Printed/Typed Name Ontario County Landfill Signature Month Day Year 1/10/03

138

00002

Please print or type (this form designed for use on elite (12 pitch) typewriter.)

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest
Document No.2. Page 1
of 1

00002

3. Generator's Name and Mailing Address

New York State Gas Electric Corporation
Corp. Drive - Kirkwood Industrial Park
Kirkwood, NY 13795

Owego East Main Street MGP Site

4. Generator's Phone (

607-762-8683

Bert Finch

5. Transporter 1 Company Name

Sunshine

6.

US EPA ID Number

8A-546

A. Transporter's Phone

315-548-2383

7. Transporter 2 Company Name

8.

US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Ontario County Landfill
3555 Post Farm Road
Stanley, NY 14561

10.

US EPA ID Number

Facility Number

Permit # 8-3244-0004/00001-0

C. Facility's Phone

(585) 526-4420

11. Waste Shipping Name and Description

12. Containers

No.

Type

13.
Total
Quantity14.
Unit
Wt/Vol

a.

NON-HAZARDOUS SEDIMENT

001

DT

est. 35

T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

Owego East Main Street MGP

Approval #

Waste Soils

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

In Case of Emergency or for information on this shipment,

Call: Keith Decker (Earth Tech) 518-229-7214

Bert Finch (NYSEG) 607-762-8683

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

CAROLYN McMAHAN

Signature

Carolyn Mc Mahan

Month Day Year

11/10/403

Earth Tech as agent for NYSEG

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Lance Main

Signature

Lance Main

Month Day Year

11/10/403

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

. . .

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Nancy Decker

Signature

Nancy Decker

Month Day Year

11/10/403

GENERATOR
TRANSPORTER
FACILITY

12-BLC-M5

ORIGINAL - RETURN TO GENERATOR

142

00003

Please print or type
Form designed for use on elite (12-pitch) typewriter.**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest
Document No. 000032. Page 1
of 1

3. Generator's Name and Mailing Address

New York State Gas Electric Corporation
Corp. Drive - Kirkwood Industrial Park
Kirkwood, NY 13795

Owego East Main Street MGP Site

4. Generator's Phone (

607-762-8683

Bert Finch

5. Transporter 1 Company Name

SUNSHINE BULK COMM. INC.

6.

US EPA ID Number

8A-546

A. Transporter's Phone

315-548-2383

7. Transporter 2 Company Name

8.

US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Ontario County Landfill
3555 Post Farm Road
Stanley, NY 14561

10.

US EPA ID Number

Facility Number

Permit # 8-3244-0004/00001-0

C. Facility's Phone

(585) 526-4420

11. Waste Shipping Name and Description

12. Containers

13. Total
Quantity14. Unit
Wt/Vol

a.

NON-HAZARDOUS SEDIMENT

0 0 1

DT

est. 35

T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

Owego East Main Street MGP

Approval #

Waste Soils

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

In Case of Emergency or for information on this shipment,

Call: Keith Decker (Earth Tech) 518-229-7214

Bert Finch (NYSEG) 607-762-8683

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

CAROLIN McMAHAN

Signature

Carolyn Mc Mahan

Month Day Year

11/10/03

Earth Tech as agent for NYSEG

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Stuart Tress

Signature

Stu Tress

Month Day Year

11/10/03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Nancy Steer

Signature

Nancy Steer

Month Day Year

11/10/03

NOV 17 2003

DECKER & ASSOCIATES, INC.

ORIGINAL - RETURN TO GENERATOR

12-BLG-M5

116

00004
Manifest Document No. 00004

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

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No. _____
2. Page 1 of 1

3. Generator's Name and Mailing Address
New York State Gas Electric Corporation
Corp. Drive - Kirkwood Industrial Park
Kirkwood, NY 13795
Owego East Main Street MGP Site

4. Generator's Phone (607-762-8683 Bert Finch

5. Transporter 1 Company Name
Sunshine Bulk Comm. Inc
6. US EPA ID Number
8A-546
A. Transporter's Phone
315-548-2383

7. Transporter 2 Company Name
8. US EPA ID Number
B. Transporter's Phone

9. Designated Facility Name and Site Address
Ontario County Landfill
3555 Post Farm Road
Stanley, NY 14561
10. US EPA ID Number
Facility Number
Permit # 8-3244-0004/00001-0
C. Facility's Phone
(585) 526-4420

11. Waste Shipping Name and Description	12. Containers		13. Total Quantity	14. Unit Wt/Vol
	No.	Type		
a. NON-HAZARDOUS SEDIMENT	001	DT	est. 35	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Owego East Main Street MGP Approval # Waste Soils
E. Handling Codes for Wastes Listed Above
L

15. Special Handling Instructions and Additional Information
In Case of Emergency or for information on this shipment,
Call: Keith Decker (Earth Tech) 518-229-7214
Bert Finch (NYSEG) 607-762-8683

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name CAROLYN McMAHAN Signature Carolyn McMahan Month Day Year 11/10/03
Earth Tech as agent for NYSEG

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name Bruce Schultz Signature Bruce Schultz Month Day Year 11/10/03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name Signature Month Day Year

19. Discrepancy Indication Space
NOV 17 2003

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name Nancy Stek Signature Nancy Stek Month Day Year 11/10/03

KEELER ASSOCIATES, INC.
607-762-8683

ORIGINAL - RETURN TO GENERATOR

12-BLC-M5

GENERATOR
TRANSPORTER
FACILITY

136

00005

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

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest
Document No. 000052. Page 1
of 1

3. Generator's Name and Mailing Address

New York State Gas Electric Corporation
 Corp. Drive - Kirkwood Industrial Park
 Kirkwood, NY 13795

Owego East Main Street MGP Site

4. Generator's Phone (

607-762-8683

Bert Finch

5. Transporter 1 Company Name

SUNSHINE BULK COMM INC

6. US EPA ID Number

8A-546

A. Transporter's Phone

315-548-2383

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Ontario County Landfill
 3555 Post Farm Road
 Stanley, NY 14561

10. US EPA ID Number

Facility Number

Permit # 8-3244-0004/00001-0

C. Facility's Phone

(585) 526-4420

11. Waste Shipping Name and Description

a.

NON-HAZARDOUS SEDIMENT

12. Containers

No.

Type

13. Total
Quantity14. Unit
Wt/Vol

0 0 1

DT

est. 35

T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

Owego East Main Street MGP

Approval #

Waste Soils

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

In Case of Emergency or for information on this shipment,

Call: Keith Decker (Earth Tech) 518-229-7214

Bert Finch (NYSEG) 607-762-8683

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

CAROLYN MCMAHAN

Signature

Carolyn McMahon

Month Day Year

11/10/03

Earth Tech as agent for NYSEG

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

JON HALSTEAD

Signature

Jon Halstead

Month Day Year

11/10/03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Ontario County
Nancy A. Finch

Signature

Nancy A. Finch

Month Day Year

11/04/03

Printed by: KEMELER ASSOCIATES, INC.
 607-495-0368

ORIGINAL - RETURN TO GENERATOR

12-BLC M5

GENERATOR

TRANSPORTER

FACILITY

7270

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

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest
Document No.
000062. Page 1
of 1

3. Generator's Name and Mailing Address

New York State Gas Electric Corporation
Corp. Drive - Kirkwood Industrial Park
Kirkwood, NY 13795

Owego East Main Street MGP Site

4. Generator's Phone (

607-762-8683

Bert Finch

5. Transporter 1 Company Name

SUNSHINE BULK COMM INC

6. US EPA ID Number

8A-546

A. Transporter's Phone

315-548-2383

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Ontario County Landfill
3555 Post Farm Road
Stanley, NY 14561

10. US EPA ID Number

Facility Number

Permit # 8-3244-0004/00001-0

C. Facility's Phone

(585) 326-4420

11. Waste Shipping Name and Description

12. Containers

No.

Type

13. Total
Quantity14. Unit
Wt/Vol

a.

NON-HAZARDOUS SEDIMENT

0 0 1

DT

est 3.5

F

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

Owego East Main Street MGP

Approval #

Waste Soils

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

In Case of Emergency or for information on this shipment,

Call Keith Decker (Earth Tech) 518-229-7214

Bert Finch (NYSEG) 607-762-8683

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

CAROLYN McMAHAN

Signature

Carolyn McMahon

Month Day Year

11/10/03

Earth Tech as agent for NYSEG

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Howard R. Brague III

Signature

Howard R. Brague III

Month Day Year

11/10/03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

NOV 17 2003

Month Day Year

9.7754

S-1

00007

Please print or type (24 lines)
Form designed for use on a 12-pitch typewriter

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No. Manifest Document No. 00007 2. Page 1 of 1

3. Generator's Name and Mailing Address New York State Gas Electric Corporation
Corp. Drive - Kirkwood Industrial Park
Kirkwood, NY 13795 Owego East Main Street MGP Site

4. Generator's Phone (607-762-8683 Bert Finch

5. Transporter 1 Company Name SUNSHINE BULK COMM. INC / STAKS 6. US EPA ID Number 8A-546 A. Transporter's Phone 315-548-2383

7. Transporter 2 Company Name 8. US EPA ID Number B. Transporter's Phone

9. Designated Facility Name and Site Address Ontario County Landfill
3555 Post Farm Road
Stanley, NY 14561 10. US EPA ID Number Facility Number Permit # 8-3244-0004/00001-0 C. Facility's Phone (585) 526-4420

11. Waste Shipping Name and Description	12. Containers		13. Total Quantity	14. Unit Wt/Vol
	No.	Type		
a. NON-HAZARDOUS SEDIMENT	0 0 1	D T	est. 3.5	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above Owego East Main Street MGP Approval # Waste Soils E. Handling Codes for Wastes Listed Above L

15. Special Handling Instructions and Additional Information

In Case of Emergency or for information on this shipment.
Call: Keith Decker (Earth Tech) 518-229-7214
Bert Finch (NYSEG) 607-762-8683

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name CAROLYN MCMAHAN Signature *Carolyn McMahon* Month Day Year 11/04/03
Earth Tech as agent for NYSEG

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name KEVIN STATES Signature *Kevin States* Month Day Year 11/04/03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name Signature Month Day Year

19. Discrepancy Indication Space

20. Facility Owner/Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name Signature *[Signature]* Month Day Year 11/10/03

GENERATOR

TRANSPORTER

FACILITY

ONYX ENVIRONMENTAL ASSOCIATES, INC.
100 W. 10th St. 1357-9388

ORIGINAL - RETURN TO GENERATOR

12-BLC-M5

138

00008

Please Print Name
Form designed for use on elite (12-pitch) typewriter.

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest
Document No.
00008

2. Page 1
of 1

3. Generator's Name and Mailing Address

New York State Gas Electric Corporation
Corp. Drive - Kirkwood Industrial Park
Kirkwood, NY 13795

Owego East Main Street MGP Site

4. Generator's Phone (607-762-8683 Bert Finch

5. Transporter 1 Company Name

Sunshine Bulk Comm. Inc

6. US EPA ID Number

NYA-546

A. Transporter's Phone

315-548-2383

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Ontario County Landfill
3555 Post Farm Road
Stanley, NY 14561

10. US EPA ID Number

Facility Number

Permit # 8-3244-0004/00001-0

C. Facility's Phone

(585) 526-4420

11. Waste Shipping Name and Description

NON-HAZARDOUS SEDIMENT

12. Containers

No.

Type

13. Total
Quantity

14. Unit
Wt/Vol

001

DT

est. 35

T

D. Additional Descriptions for Materials Listed Above

Owego East Main Street MGP

Approval #

Waste Soils

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

In Case of Emergency or for information on this shipment,

Call: Keith Decker (Earth Tech) 518-229-7214

Bert Finch (NYSEG) 607-762-8683

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name CAROLYN McMAHAN

Earth Tech as agent for NYSEG

Signature

Carolyn Mc Mahan

Month Day Year

11/10/03

17. Transporter 1 Acknowledgment of Receipt of Materials

Printed/Typed Name

Lance J Mair

Signature

Lance J Mair

Month Day Year

11/10/03

18. Transporter 2 Acknowledgment of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Ontario County
Nancy Decker

Signature

Nancy Decker

Month Day Year

11/10/03

ORIGINAL - RETURN TO GENERATOR

12-BLC-M5

GENERATOR

TRANSPORTER

FACILITY

142

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

00009

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest
Document No.

2. Page 1
of 1

00009

3. Generator's Name and Mailing Address

New York State Gas Electric Corporation
Corp. Drive - Kirkwood Industrial Park
Kirkwood, NY 13795

Owego East Main Street MGP Site

4. Generator's Phone (607-762-8683

Bert Finch

5. Transporter 1 Company Name

Sunshine Bulk Comm. Inc

6. US EPA ID Number

8A-546

A. Transporter's Phone

315-548-2383

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Ontario County Landfill
3555 Post Farm Road
Stanley, NY 14561

10. US EPA ID Number

Facility Number

Permit # 8-3244-0004/00001-0

C. Facility's Phone

(585) 526-4420

11. Waste Shipping Name and Description

12. Containers
No. Type

13.
Total
Quantity

14.
Unit
Wt/Vol

a. NON-HAZARDOUS SEDIMENT

0 0 1

DT

est. 35

T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

Owego East Main Street MGP

Approval #

Waste Soils

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

In Case of Emergency or for information on this shipment,

Call: Keith Decker (Earth Tech) 518-229-7214

Bert Finch (NYSEG) 607-762-8683

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

CAROLYN McMAHAN
Earth Tech as agent for NYSEG

Signature

Carolyn McMahon

Month Day Year
11/10/03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Stuart Tass

Signature

Stuart Tass

Month Day Year
11/10/03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year
.

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Michael J. Decker

Signature

Michael J. Decker

Month Day Year
1/10/03

GENERATOR

TRANSPORTER

FACILITY

Earth Tech Associates, Inc.

ORIGINAL - RETURN TO GENERATOR

12-BLC-M5

136

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

00010

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest
Document No.2. Page 1
of 1

3. Generator's Name and Mailing Address

New York State Gas Electric Corporation
Corp. Drive - Kirkwood Industrial Park
Kirkwood, NY 13795

Owego East Main Street MGP Site

4. Generator's Phone (607-762-8683

Bert Finch

5. Transporter 1 Company Name

Sunshine Bulk Comm. Inc.

6. US EPA ID Number

8A-546

A. Transporter's Phone

315-548-2383

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Ontario County Landfill
3555 Post Farm Road
Stanley, NY 14561

10. US EPA ID Number

Facility Number

Permit # 8-3244-0004/00001-0

C. Facility's Phone

(585) 526-4420

11. Waste Shipping Name and Description

12. Containers

No.

Type

13. Total
Quantity14. Unit
Wt/Vol

a.

NON-HAZARDOUS SEDIMENT

001

DT

est. 35

T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

Owego East Main Street MGP

Approval #

Waste Soils

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

In Case of Emergency or for information on this shipment,

Call: Keith Decker (Earth Tech) 518-229-7214

Bert Finch (NYSEG) 607-762-8683

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

CAROLYN McMAHAN

Signature

Carolyn Mc Mahan

Month Day Year

11/10/03

Earth Tech as agent for NYSEG

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

JON HALSTEAD

Signature

Jon Halstead

Month Day Year

11/10/03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

. . .

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Nancy Pen

Signature

Nancy Pen

Month Day Year

11/10/03

KELLEY ASSOCIATES INC.

NEW YORK 14561-0368

12-BLC-M5

ORIGINAL - RETURN TO GENERATOR

GENERATOR

TRANSPORTER

FACILITY

37

00011

Please print or type
form designed for use on elite (12-pitch) typewriter.**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest
Document No.2. Page 1
of 1

3. Generator's Name and Mailing Address

New York State Gas Electric Corporation
Corp. Drive - Kirkwood Industrial Park
Kirkwood, NY 13795

Owego East Main Street MGP Site

4. Generator's Phone (

607-762-8683

Bert Finch

5. Transporter 1 Company Name

Mangiardi Bros Trucking

6.

US EPA ID Number

4A-209

A. Transporter's Phone

518-477-8940

7. Transporter 2 Company Name

8.

US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Ontario County Landfill
3555 Post Farm Road
Stanley, NY 14561

10.

US EPA ID Number

Facility Number

Permit # 8-3244-0004/00001-0

C. Facility's Phone

(585) 526-4420

11. Waste Shipping Name and Description

12. Containers

No.

Type

13.
Total
Quantity14.
Unit
Wt/Vol

a.

NON-HAZARDOUS SEDIMENT

0 0 1

DT

est. 35

T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

Owego East Main Street MGP

Approval #

Waste Soils

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

In Case of Emergency or for information on this shipment,

Call: Keith Decker (Earth Tech) 518-229-7214

Bert Finch (NYSEG) 607-762-8683

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

Earth Tech as agent for NYSEG

Signature

Month Day Year

11/10/03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

GREGORY LOTT

Signature

Gregory Lott

Month Day Year

11/10/03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

11/10/03

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Nancy Pera

Signature

Nancy Pera

Month Day Year

11/10/03

127

00012
Manifest
Document No.
00012

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

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

2. Page 1
of 1

3. Generator's Name and Mailing Address
New York State Gas Electric Corporation
Corp. Drive - Kirkwood Industrial Park
Kirkwood, NY 13795

Owego East Main Street MGP Site

4. Generator's Phone (607-762-8683 Bert Finch

5. Transporter 1 Company Name
Sunshine Bulk Comm. Inc.

6. US EPA ID Number
8A-546

A. Transporter's Phone
315-548-2383

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address
Ontario County Landfill
3555 Post Farm Road
Stanley, NY 14561

10. US EPA ID Number
Facility Number
Permit # 8-3244-0004/00001-0

C. Facility's Phone
(585) 526-4420

11. Waste Shipping Name and Description	12. Containers		13. Total	14. Unit
	No.	Type	Quantity	Wt/Vol
a. NON-HAZARDOUS SEDIMENT	001	DT	est. 35	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above
Owego East Main Street MGP Approval # Waste Soils

E. Handling Codes for Wastes Listed Above
L

15. Special Handling Instructions and Additional Information
In Case of Emergency or for information on this shipment,
Call: Keith Decker (Earth Tech) 518-229-7214
Bert Finch (NYSEG) 607-762-8683

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name CAROLYN McMAHAN Signature [Signature] Month Day Year 11/10/03
Earth Tech as agent for NYSEG

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name [Signature] Signature [Signature] Month Day Year 11/10/03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name [Signature] Signature [Signature] Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name Ontario City Signature [Signature] Month Day Year 11/10/03
Nancy D. Ferrell

GENERATOR

TRANSPORTER

FACILITY

NYSEG
New York State
Environmental Conservation
Department
607-495-7066

ORIGINAL - RETURN TO GENERATOR

12-BLC-M5

45

00013

Please print or type
Form designed for use on elite (12-pitch) typewriter.**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest
Document No.2. Page 1
of 1

3. Generator's Name and Mailing Address

New York State Gas Electric Corporation
Corp. Drive - Kirkwood Industrial Park
Kirkwood, NY 13795

Owego East Main Street MGP Site

4. Generator's Phone (

607-762-8683

Bert Finch

5. Transporter 1 Company Name

Mangardi Bras Trucking

6.

US EPA ID Number

4A-209

A. Transporter's Phone

518-477-8940

7. Transporter 2 Company Name

8.

US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Ontario County Landfill
3555 Post Farm Road
Stanley, NY 14561

10.

US EPA ID Number

Facility Number

Permit # 8-3244-0004/00001-0

C. Facility's Phone

(585) 526-4420

11. Waste Shipping Name and Description

12. Containers

No.

Type

13.
Total
Quantity14.
Unit
Wt/Vol

a.

NON-HAZARDOUS SEDIMENT

0 0 1

D T

est. 35

T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

Owego East Main Street MGP

Approval #

Waste Soils

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

In Case of Emergency or for information on this shipment,
Call: Keith Decker (Earth Tech) 518-229-7214

Bert Finch (NYSEG) 607-762-8683

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

Earth Tech as agent for NYSEG

Signature

Month Day Year

11/10/03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Chris Hale

Signature

Month Day Year

11/10/03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

.

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of waste materials covered by this manifest except as noted in item 19.

Printed/Typed Name

Nancy Decker

Signature

Month Day Year

11/10/03

Ontario County
Nancy Decker
607-762-8683

12-BLC-M

ORIGINAL - RETURN TO GENERATOR

7270

14

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

00014

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest
Document No.2. Page 1
of 1

3. Generator's Name and Mailing Address

New York State Gas Electric Corporation
Corp. Drive - Kirkwood Industrial Park
Kirkwood, NY 13795

Owego East Main Street MGP Site

4. Generator's Phone (607-762-8683

Bert Finch

5. Transporter 1 Company Name

Sunshine Bulk Comm Inc.

6. US EPA ID Number

8A-546

A. Transporter's Phone

315-548-2383

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Ontario County Landfill
3555 Post Farm Road
Stanley, NY 14561

10. US EPA ID Number

Facility Number

Permit # 8-3244-0004/00001-0

C. Facility's Phone

(585) 926-4420

11. Waste Shipping Name and Description

a.

NON-HAZARDOUS SEDIMENT

12. Containers

No.

Type

13. Total
Quantity14. Unit
Wt/Vol

001

DT

est. 35

l

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

Owego East Main Street MGP

Approval #

Waste Soils

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

In Case of Emergency or for information on this shipment,

Call: Keith Decker (Earth Tech) 518-229-7214

Bert Finch (NYSEG) 607-762-8683

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

Earth Tech as agent for NYSEG

Signature

Month Day Year

11/10/5103

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Howard R. Brague III

Signature

Month Day Year

11/10/5103

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

11/10/5103

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

11/10/5103

TRANSPORTER #1

2-BLG-M5

S-59

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest
Document No. **00015**2. Page 1
of 1

3. Generator's Name and Mailing Address

New York State Gas Electric Corporation
Corp. Drive - Kirkwood Industrial Park
Kirkwood, NY 13795

Owego East Main Street MGP Site

4. Generator's Phone (**607-762-8683**)

Bert Finch

5. Transporter 1 Company Name

Silvarole / Mangiaroli

6. US EPA ID Number

84-190

A. Transporter's Phone

518-477-8940

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Ontario County Landfill
3555 Post Farm Road
Stanley, NY 14561

10. US EPA ID Number

Facility Number

Permit # 8-3244-0004/00001-0

C. Facility's Phone

(585) 526-4420

11. Waste Shipping Name and Description

12. Containers

No.

Type

13.
Total
Quantity14.
Unit
Wt/Vola. **NON-HAZARDOUS SEDIMENT**

0 0 1

DT

est. 35

T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

Owego East Main Street MGP

Approval #

Waste Soils

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

In Case of Emergency or for information on this shipment,

Call: Keith Decker (Earth Tech) 518-229-7214

Bert Finch (NYSEG) 607-762-8683

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

CAROLYN McMAHAN

Signature

Carolyn B. McMahon

Month Day Year

11/10/03

Earth Tech as agent for NYSEG

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Dave Berger

Signature

Dave Berger

Month Day Year

11/10/03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner/Operator Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

**Ontario County
Keith Decker**

Signature

Keith Decker

Month Day Year

11/10/03Prepared by: KESTER ASSOCIATES, INC.
New York, NY 14957-0368

ORIGINAL - RETURN TO GENERATOR

12-BLC/M5

GENERATOR

TRANSPORTER

FACILITY

138

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00016

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest
Document No.2. Page 1
of 1

3. Generator's Name and Mailing Address

New York State Gas Electric Corporation
Corp. Drive - Kirkwood Industrial Park
Kirkwood, NY 13795

Owego East Main Street MGP Site

4. Generator's Phone (607-762-8683

Bert Finch

5. Transporter 1 Company Name

Sunshine Bulk Comm. Inc.

6.

US EPA ID Number

PA-546

A. Transporter's Phone

315-548-2383

7. Transporter 2 Company Name

8.

US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Ontario County Landfill
3555 Post Farm Road
Stanley, NY 14561

10.

US EPA ID Number

Facility Number

Permit # 8-3244-0004/00001-0

C. Facility's Phone

(585) 526-4420

11. Waste Shipping Name and Description

12. Containers

13. Total
Quantity14. Unit
Wt/Vol

a.

NON-HAZARDOUS SEDIMENT

No.

Type

0 0 1

DT

est. 35

T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

Owego East Main Street MGP

Approval #

Waste Soils

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

In Case of Emergency or for information on this shipment,

Call: Keith Decker (Earth Tech) 518-229-7214

Bert Finch (NYSEG) 607-762-8683

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

Earth Tech as agent for NYSEG

Signature

Month Day Year

11/10/03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Lance Main

Signature

Month Day Year

11/10/03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner/Operator Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Ontario County
Nancy Decker

Signature

Month Day Year

11/10/03

ORIGINAL - RETURN TO GENERATOR

12-BLC-M5

142

Please print or type
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NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest
Document No.
00-017

2. Page 1
of 1

3. Generator's Name and Mailing Address

New York State Gas Electric Corporation
Corp. Drive - Kirkwood Industrial Park
Kirkwood, NY 13795

Owego East Main Street MGP Site

4. Generator's Phone (

607-762-8683

Bert Finch

5. Transporter 1 Company Name

Sunshine Bulk Comm. Inc

6.

US EPA ID Number

8A-546

A. Transporter's Phone

315-548-0383

7. Transporter 2 Company Name

8.

US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Ontario County Landfill
3555 Post Farm Road
Stanley, NY 14561

10.

US EPA ID Number

Facility Number

Permit # 8-3244-0004/00001-0

C. Facility's Phone

(585) 526-4420

11. Waste Shipping Name and Description

a.

NON-HAZARDOUS SEDIMENT

12. Containers

No.

Type

13.
Total
Quantity

14.
Unit
Wt/ Vol

0 0 1

DT

est. 3 5

T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

Owego East Main Street MGP

Approval #

Waste Soils

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

In Case of Emergency or for information on this shipment,

Call: Keith Decker (Earth Tech) 518-229-7214

Bert Finch (NYSEG) 607-762-8683

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

CAROLYN McMAHAN
Earth Tech as agent for NYSEG

Signature

Carolyn McMahon **11/10/03**

Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Spur & Trass

Signature

Spur & Trass **11/10/03**

Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Ontario County
Nancy Stein

Signature

Nancy Stein

Month Day Year

11/10/03

GENERATOR

TRANSPORTER

FACILITY

11/10/03 11:49 AM NYSEG ASSOCIATES, INC.
11/10/03 11:49 AM

ORIGINAL - RETURN TO GENERATOR

12-BLC-M5

S-1

97891

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

00018

Manifest
Document No. 000182. Page 1
of 1**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

New York State Gas Electric Corporation
Corp. Drive - Kirkwood Industrial Park
Kirkwood, NY 13795

Owezo East Main Street MGP Site

4. Generator's Phone (607-762-8683

Bert Finch

5. Transporter 1 Company Name

Sunshine Bulk Comm. Inc.

6.

US EPA ID Number

8A-546

A. Transporter's Phone

315-548-2383

7. Transporter 2 Company Name

8.

US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Ontario County Landfill
3555 Post Farm Road
Stanley, NY 14561

10.

US EPA ID Number

Facility Number

Permit # 8-3244-0004/00001-0

C. Facility's Phone

(585) 526-4420

11. Waste Shipping Name and Description

a.

NON-HAZARDOUS SEDIMENT

12. Containers

No.

Type

13. Total

Quantity

14. Unit

Wt/Vol

001

DT

est. 35

T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

Owezo East Main Street MGP

Approval #

Waste Soils

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

In Case of Emergency or for information on this shipment,

Call: Keith Decker (Earth Tech) 518-229-7214

Bert Finch (NYSEG) 607-762-8683

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

CAROLYN McMAHAN

Signature

Carolyn McMahon

Month Day Year

11/10/03

Earth Tech as agent for NYSEG

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

KEVIN STATES

Signature

Kevin States

Month Day Year

11/10/03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

. . .

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Ontario County
Nema/Fin

Signature

812

Month Day Year

11/10/03

Continued on REVERSE SIDE
10-10-01 1587/0368

ORIGINAL - RETURN TO GENERATOR

12-BLC-M5

GENERATOR

TRANSPORTER

FACILITY

00019

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest
Document No.
00019

2. Page 1
of 1

3. Generator's Name and Mailing Address

New York State Gas Electric Corporation
Corp. Drive - Kirkwood Industrial Park
Kirkwood, NY 13795

Owego East Main Street MGP Site

4. Generator's Phone (

607-762-8683

Bert Finch

5. Transporter 1 Company Name

Sunshine Bulk Comm. Inc.

6. US EPA ID Number

8A-546

A. Transporter's Phone

315-548-2383

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Ontario County Landfill
3555 Post Farm Road
Stanley, NY 14561

10. US EPA ID Number

Facility Number

Permit # 8-3244-0004/00001-0

C. Facility's Phone

(585) 526-4420

11. Waste Shipping Name and Description

a. NON-HAZARDOUS SEDIMENT

12. Containers

No.

Type

13.
Total
Quantity

14.
Unit
Wt/Vol

0 0 1

DT

est. 35

T

D. Additional Descriptions for Materials Listed Above

Owego East Main Street MGP

Approval #

Waste Soils

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

In Case of Emergency or for information on this shipment,

Call: Keith Decker (Earth Tech) 518-229-7214

Bert Finch (NYSEG) 607-762-8683

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

CAROLYN McMAHAN
Earth Tech as agent for NYSEG

Signature

Carolyn Mc Mahan

Month Day Year

11/10/03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

JOHN HALSTEAD

Signature

John Halstead

Month Day Year

11/10/03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Ontario County
Nancy Peters

Signature

Nancy Peters

Month Day Year

11/10/03

GENERATOR

TRANSPORTER

FACILITY

111

00020

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest
Document No.

2. Page 1

of 1

3. Generator's Name and Mailing Address

New York State Gas Electric Corporation
Corp. Drive - Kirkwood Industrial Park
Kirkwood, NY 13795

Owezo East Main Street MGP Site

4. Generator's Phone (

607-762-8683

Bert Finch

5. Transporter 1 Company Name

Sunshine Bulk Comm Inc

6.

US EPA ID Number

8A-546

A. Transporter's Phone

315-548-2383

7. Transporter 2 Company Name

8.

US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Ontario County Landfill
3555 Post Farm Road
Stanley, NY 14561

10.

US EPA ID Number

Facility Number

Permit # 8-3244-0004/00001-0

C. Facility's Phone

(585) 526-4420

11. Waste Shipping Name and Description

12. Containers

No.

Type

13/
Total
Quantity

14.
Unit
Wt/Vol

a.

NON-HAZARDOUS SEDIMENT

0 0 1

DT

est. 3.5

T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

Owezo East Main Street MGP

Approval #

Waste Soils

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

In Case of Emergency or for information on this shipment,

Call: Keith Decker (Earth Tech) 518-229-7214

Bert Finch (NYSEG) 607-762-8683

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

Earth Tech as agent for NYSEG

Signature

Carolyn McMahon

Month Day Year

11/10/03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Charles Gere

Signature

Charles Gere

Month Day Year

11/10/03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of waste materials covered by this manifest except as noted in item 19.

Printed/Typed Name

Ontario County
Nancy Decker

Signature

Nancy Decker

Month Day Year

11/10/03

37

00021

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest
Document No.
00021

2. Page 1
of 1

3. Generator's Name and Mailing Address
New York State Gas Electric Corporation
Corp. Drive - Kirkwood Industrial Park
Kirkwood, NY 13795

Owego East Main Street MGP Site

4. Generator's Phone (607-762-8683

Bert Finch

5. Transporter 1 Company Name
Mangardi Bros Trucking

6. US EPA ID Number
4A-209

A. Transporter's Phone
518-477-8940

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Ontario County Landfill
3555 Post Farm Road
Stanley, NY 14561

10. US EPA ID Number

Facility Number

Permit # 8-3244-0004/00001-0

C. Facility's Phone

(585) 526-4420

11. Waste Shipping Name and Description

12. Containers
No. Type

13. Total
Quantity

14. Unit
Wt/Vol

a. NON-HAZARDOUS SEDIMENT

0 0 1

DT

est. 3.5

T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

Owego East Main Street MGP

Approval #

Waste Soils

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

In Case of Emergency or for information on this shipment,

Call: Keith Decker (Earth Tech) 518-229-7214

Bert Finch (NYSEG) 607-762-8683

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name CAROLYN McMAHAN
Earth Tech as agent for NYSEG

Signature Carolyn McMahon

Month Day Year
11 10 2003

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name GREG LOTT

Signature Greg Lott

Month Day Year
11 10 2003

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name Nancy Oster

Signature Nancy Oster

Month Day Year
11 10 2003

00022
Manifest
Document No.

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

2. Page 1
of 1

3. Generator's Name and Mailing Address

New York State Gas Electric Corporation
Corp. Drive - Kirkwood Industrial Park
Kirkwood, NY 13795

Owego East Main Street MGP Site

4. Generator's Phone (

607-762-8683

Bert Finch

5. Transporter 1 Company Name

Mangardi Bros Trucking

6. US EPA ID Number

4A-209

A. Transporter's Phone

518-477-8940

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Ontario County Landfill
3555 Post Farm Road
Stanley, NY 14561

10. US EPA ID Number

Facility Number

Permit # 8-3244-0004/00001-0

C. Facility's Phone

(585) 526-4420

11. Waste Shipping Name and Description

12. Containers

13. Total
Quantity

14. Unit
Wt/Vol

a. NON-HAZARDOUS SEDIMENT

No.

Type

est. 35

T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

Owego East Main Street MGP

Approval #

Waste Soils

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

In Case of Emergency or for information on this shipment,

Call: Keith Decker (Earth Tech) 518-229-7214

Bert Finch (NYSEG) 607-762-8683

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

Earth Tech as agent for NYSEG

Signature

Month Day Year

11/10/03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Chris Hale

Signature

Month Day Year

11/10/03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Nancy Decker

Signature

Month Day Year

11/10/03

127

00023

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

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest
Document No.
00023

2. Page 1
of 1

3. Generator's Name and Mailing Address

New York State Gas Electric Corporation
Corp. Drive - Kirkwood Industrial Park
Kirkwood, NY 13795

Owego East Main Street MGP Site

4. Generator's Phone (607-762-8683 Bert Finch

5. Transporter 1 Company Name

Sunshine Bulk Comm Inc.

6. US EPA ID Number

8A-546

A. Transporter's Phone

315-548-2383

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Ontario County Landfill
3555 Post Farm Road
Stanley, NY 14561

10. US EPA ID Number

Facility Number

Permit # 8-3244-0004/00001-0

C. Facility's Phone

(585) 526-4420

11. Waste Shipping Name and Description

a. NON-HAZARDOUS SEDIMENT

12. Containers
No. Type

001 DT

13. Total
Quantity

est. 35

14. Unit
Wt/Vol

T

D. Additional Descriptions for Materials Listed Above

Owego East Main Street MGP Approval # Waste Soils

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

In Case of Emergency or for information on this shipment,
Call: Keith Decker (Earth Tech) 518-229-7214
Bert Finch (NYSEG) 607-762-8683

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

CAROLYN McMAHAN
Earth Tech as agent for NYSEG

Signature

Carolyn McMahon

Month Day Year

11/10/03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Todd Case

Signature

[Signature]

Month Day Year

11/10/03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Nancy Apek

Signature

[Signature]

Month Day Year

11/10/03

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL - RETURN TO GENERATOR

12-BLC-M5

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest
Document No.

2. Page 1
of 1

3. Generator's Name and Mailing Address

New York State Gas Electric Corporation
Corp. Drive - Kirkwood Industrial Park
Kirkwood, NY 13795

Owego East Main Street MGP Site

4. Generator's Phone (607-762-8683

Bert Finch

5. Transporter 1 Company Name

Sunshine Bulk Comm. Inc.

6. US EPA ID Number

8A-546

A. Transporter's Phone

315-548-2323

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Ontario County Landfill
3555 Post Farm Road
Stanley, NY 14561

10. US EPA ID Number

Facility Number

Permit # 8-3244-0004,00001-0

C. Facility's Phone

(585) 526-4420

11. Waste Shipping Name and Description

a. NON-HAZARDOUS SEDIMENT

12. Containers

No.

Type

13.
Total
Quantity

14.
Unit
Wt/Vol

0 0 1

DT

est. 3.5

T

D. Additional Descriptions for Materials Listed Above

Owego East Main Street MGP

Approval #

Waste Soils

23

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

In Case of Emergency or for information on this shipment.
Call: Keith Decker (Earth Tech) 518-229-7214
Bert Finch (NYSEG) 607-762-8683

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name CAROLYN MCMAHAN
Earth Tech as agent for NYSEG

Signature

Carolyn McMahon

Month Day Year

11/10/03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name Howard R. Bragge III

Signature

Howard R. Bragge III

Month Day Year

11/10/03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

.

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

.

TRANSPORTER # 1

12-BLC-M5

S-59

00025

Please print or type
forms designed for use on a 12-pitch typewriter**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest
Document No.2. Page 1
of 1

00025

3. Generator's Name and Mailing Address

New York State Gas Electric Corporation
Corp. Drive - Kirkwood Industrial Park
Kirkwood, NY 13795

Owego East Main Street MGP Site

4. Generator's Phone (

607-762-8683

Bert Finch

5. Transporter 1 Company Name

Mangiardi Bros Trucking

6.

US EPA ID Number

HA-2000

A. Transporter's Phone

518-477-8940

7. Transporter 2 Company Name

8.

US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Ontario County Landfill
3555 Post Farm Road
Stanley, NY 14561

10.

US EPA ID Number

Facility Number

Permit # 8-3244-0004/00001-0

C. Facility's Phone

(585) 526-4420

11. Waste Shipping Name and Description

12. Containers

No.

Type

13.
Total
Quantity14.
Unit
Wt/Vol

a.

NON-HAZARDOUS SEDIMENT

0 0 1

DT

est. 35

T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

Owego East Main Street MGP

Approval #

Waste Soils

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

In Case of Emergency or for information on this shipment,

Call: Keith Decker (Earth Tech) 518-229-7214

Bert Finch (NYSEG) 607-762-8683

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

CAROLYN McMAHAN

Signature

Carolyn McMahon

Month Day Year

11/10/03

Earth Tech as agent for NYSEG

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Dave Burger

Signature

Dave Burger

Month Day Year

11/10/03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Nancy Decker

Signature

Nancy Decker

Month Day Year

11/10/03

12-BLC-M5

ORIGINAL - RETURN TO GENERATOR

138

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

00026

Manifest
Document No.
00026**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

2. Page 1
of 1

3. Generator's Name and Mailing Address

New York State Gas Electric Corporation
Corp. Drive - Kirkwood Industrial Park
Kirkwood, NY 13795

Owego East Main Street MGP Site

4. Generator's Phone (607-762-8683

Bert Finch

5. Transporter 1 Company Name

Sunshine Bulk Comm. Inc.

6. US EPA ID Number

8A-546

A. Transporter's Phone

315-548-2383

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Ontario County Landfill
3555 Post Farm Road
Stanley, NY 14561

10. US EPA ID Number

Facility Number

Permit # 8-3244-0004/00001-0

C. Facility's Phone

(585) 526-4420

11. Waste Shipping Name and Description

12. Containers

No.

Type

13. Total
Quantity14. Unit
Wt/Vol

a. NON-HAZARDOUS SEDIMENT

0 0 1

DT

est. 35

T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

Owego East Main Street MGP

Approval #

Waste Soils

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

In Case of Emergency or for information on this shipment,
Call: Keith Decker (Earth Tech) 518-229-7214
Bert Finch (NYSEG) 607-762-8683

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

CAROLYN McMAHAN
Earth Tech as agent for NYSEG

Signature

Carolyn McMahon

Month Day Year

11 05 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Lance Main

Signature

Lance Main

Month Day Year

11 05 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

. . .

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Keith Decker

Signature

Keith Decker

Month Day Year

11 05 03

GENERATOR

TRANSPORTER

FACILITY

142

00027

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest
Document No.
00027

2. Page 1
of 1

3. Generator's Name and Mailing Address

New York State Gas Electric Corporation
Corp. Drive - Kirkwood Industrial Park
Kirkwood, NY 13795

Owego East Main Street MGP Site

4. Generator's Phone (

607-762-8683

Bert Finch

5. Transporter 1 Company Name

Sunshine Bnk Comm. Inc.

6.

US EPA ID Number

8A-546

A. Transporter's Phone

315-548-2383

7. Transporter 2 Company Name

8.

US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Ontario County Landfill
3555 Post Farm Road
Stanley, NY 14561

10.

US EPA ID Number

Facility Number

Permit # 8-3244-0004/00001-0

C. Facility's Phone

(585) 526-4420

11. Waste Shipping Name and Description

12. Containers

No.

Type

13.
Total
Quantity

14.
Unit
Wt/Vol

a.

NON-HAZARDOUS SEDIMENT

0 0 1

DT

est. 35

T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

Owego East Main Street MGP

Approval #

Waste Soils

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

In Case of Emergency or for information on this shipment,

Call: Keith Decker (Earth Tech) 518-229-7214

Bert Finch (NYSEG) 607-762-8683

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

Earth Tech as agent for NYSEG

Signature

Carolyn McMahon

Month Day Year

11/10/03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Stewart Fraser

Signature

Stewart Fraser

Month Day Year

11/10/03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Ontario County
Nancy Van

Signature

Nancy Van

Month Day Year

11/10/03

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest
Document No.

2. Page 1
of 1

136
00028
00028

3. Generator's Name and Mailing Address

New York State Gas Electric Corporation
Corp. Drive - Kirkwood Industrial Park
Kirkwood, NY 13795

Owego East Main Street MGP Site

4. Generator's Phone (607-762-8683

Bert Finch

5. Transporter 1 Company Name

Sunshine Bulk Comm Inc

6. US EPA ID Number

8A-546

A. Transporter's Phone

315-548-2383

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Ontario County Landfill
3555 Post Farm Road
Stanley, NY 14561

10. US EPA ID Number

Facility Number

Permit # 8-3244-0004/00001-0

C. Facility's Phone

(585) 526-4420

11. Waste Shipping Name and Description

12. Containers

No.

Type

13. Total
Quantity

14. Unit
Wt/Vol

a. NON-HAZARDOUS SEDIMENT

0 0 1

DT

est. 3.5

T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

Owego East Main Street MGP

Approval #

Waste Soils

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

In Case of Emergency or for information on this shipment,
Call: Keith Decker (Earth Tech) 518-229-7214

Bert Finch (NYSEG) 607-762-8683

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

Earth Tech as agent for NYSEG

CAROLYN McMAHAN

Signature

Carolyn McMahon

Month Day Year

11/10/03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

JOHN HALSTEAD

Signature

John Halstead

Month Day Year

11/10/03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

11/10/03

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Ontario County
Nancy Decker

Signature

Nancy Decker

Month Day Year

11/10/03

Please print or type
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NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

Manifest
Document No.

2. Page 1
of 1

000-29
00029

3. Generator's Name and Mailing Address

New York State Gas Electric Corporation
Corp. Drive - Kirkwood Industrial Park
Kirkwood, NY 13795

Owego East Main Street MGP Site

4. Generator's Phone (607-762-8683

Bert Finch

5. Transporter 1 Company Name

Sunshine Bulk Comm Inc

6. US EPA ID Number

8A-546

A. Transporter's Phone

315-548-2383

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Ontario County Landfill
3555 Post Farm Road
Stanley, NY 14561

10. US EPA ID Number

Facility Number

Permit # 8-3244-0004/00001-0

C. Facility's Phone

(585) 526-4420

11. Waste Shipping Name and Description

a. NON-HAZARDOUS SEDIMENT

12. Containers
No. Type

0 0 1 DT

13. Total
Quantity

est. 35

14. Unit
Wt/Vol

T

D. Additional Descriptions for Materials Listed Above

Owego East Main Street MGP

Approval #

Waste Soils

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

In Case of Emergency or for information on this shipment,

Call: Keith Decker (Earth Tech) 518-229-7214

Bert Finch (NYSEG) 607-762-8683

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

Carolyn McMahon
Earth Tech as agent for NYSEG

Signature

Carolyn McMahon

Month Day Year

11 10 03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Kevin States

Signature

Kevin States

Month Day Year

11 10 03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Ontario City
Nancy Klein

Signature

Nancy Klein

Month Day Year

11 10 03

Printed/Typed Name
Nancy Klein

ORIGINAL - RETURN TO GENERATOR

12-BLC-M5

00036

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest
Document No.

2. Page 1
of 1

00030

3. Generator's Name and Mailing Address

New York State Gas Electric Corporation
Corp. Drive - Kirkwood Industrial Park
Kirkwood, NY 13795

Owego East Main Street MGP Site

4. Generator's Phone (

607-762-8683

Bert Finch

5. Transporter 1 Company Name

Mangwardi Bros Trucking

6. US EPA ID Number

4A-209

A. Transporter's Phone

518-477-8946

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Ontario County Landfill
3555 Post Farm Road
Stanley, NY 14561

10. US EPA ID Number

Facility Number

Permit # 8-3244-0004/00001-0

C. Facility's Phone

(585) 526-4420

11. Waste Shipping Name and Description

12. Containers

No.

Type

13. Total
Quantity

14. Unit
Wt/Vol

a.

NON-HAZARDOUS SEDIMENT

0 0 1

DT

est. 35

T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

Owego East Main Street MGP

Approval #

Waste Soils

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

In Case of Emergency or for information on this shipment,

Call: Keith Decker (Earth Tech) 518-229-7214

Bert Finch (NYSEG) 607-762-8683

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

CAROLYN McMAHAN

Signature

Carolyn McMahon

Month Day Year

11/10/03

Earth Tech as agent for NYSEG

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Chris Hale

Signature

Chris Hale

Month Day Year

11/10/03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

.

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Nancy Decker

Signature

Nancy Decker

Month Day Year

11/10/03

37

Please print or type on a 12 pitch typewriter.
Form designed for use on 24 inch (12 pitch) typewriter.

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No. Manifest Document No. 000031 2. Page 1 of 1

3. Generator's Name and Mailing Address New York State Gas Electric Corporation
Corp. Drive - Kirkwood Industrial Park
Kirkwood, NY 13795 Owego East Main Street MGP Site

4. Generator's Phone (607-762-8683) Bert Finch

5. Transporter-1 Company Name Mangiardi Trucking 6. US EPA ID Number 4A-209 A. Transporter's Phone 518-477-8940

7. Transporter-2 Company Name 8. US EPA ID Number B. Transporter's Phone

9. Designated Facility Name and Site Address Ontario County Landfill
3555 Post Farm Road
Stanley, NY 14561 10. US EPA ID Number Facility Number Permit # 8-3244-0004/00001-0 C. Facility's Phone (585) 526-4420

11. Waste Shipping Name and Description		12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a.	NON-HAZARDOUS SEDIMENT	0 0 1	DT	est. 3 5	T
b.					
c.					
d.					

D. Additional Descriptions for Materials Listed Above Owego East Main Street MGP Approval # Waste Soils E. Handling Codes for Wastes Listed Above L

15. Special Handling Instructions and Additional Information

In Case of Emergency or for information on this shipment,
Call: Keith Decker (Earth Tech) 518-229-7214

Bert Finch (NYSEG) 607-762-8683

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Printed/Typed Name CAROLYN McMAHAN Signature Carolyn McMahan Month Day Year 11/11/06/03
Earth Tech as agent for NYSEG

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name GREGORY LOT Signature GREGORY LOT Month Day Year 11/11/06/03

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name Signature Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of waste materials covered by this manifest except as noted in Item 19.
Printed/Typed Name Nancy Decker Signature Nancy Decker Month Day Year 11/11/06/03

7270

60032

Please print or type
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**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.	Manifest Document No. 60032	2. Page 1 of 1
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3. Generator's Name and Mailing Address New York State Gas Electric Corporation Corp Drive - Kirkwood Industrial Park Kirkwood, NY 13795	Owego East Main Street MGP Site
---	---------------------------------

4. Generator's Phone (607-762-8683)	Bert Finch
-------------------------------------	------------

5. Transporter 1 Company Name Sunshine Bulk Comm Inc	6. US EPA ID Number 84-546	A. Transporter's Phone 315-548-5353
---	-------------------------------	--

7. Transporter 2 Company Name	8. US EPA ID Number	B. Transporter's Phone
-------------------------------	---------------------	------------------------

9. Designated Facility Name and Site Address Ontario County Landfill 3555 Post Farm Road Stanley, NY 14561	10. US EPA ID Number Facility Number Permit # 8-3244-0004/00001-4	C. Facility's Phone 585-306-4420
---	---	-------------------------------------

11. Waste Shipping Name and Description	12. Containers		13. Total Quantity	14. Unit Wt/Vol
	No.	Type		
a. NON-HAZARDOUS SEDIMENT	001	DT	est. 3.5	T
b.				
c.				
d.				

D. Additional Descriptions for Materials Listed Above Owego East Main Street MGP Approval # Waste Soils	E. Handling Codes for Wastes Listed Above L
--	--

15. Special Handling Instructions and Additional Information In Case of Emergency or for information on this shipment, Call: Keith Decker (Earth Tech) 518-229-7214 Bert Finch (NYSEG) 607-762-8683
--

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.				
Printed/Typed Name CAROLYN McMAHAN Earth Tech as agent for NYSEG	Signature Carolyn McMahan	Month 11	Day 10	Year 03

17. Transporter 1 Acknowledgement of Receipt of Materials				
Printed/Typed Name Howard R. Brague III	Signature Howard R. Brague III	Month 11	Day 10	Year 03

18. Transporter 2 Acknowledgement of Receipt of Materials				
Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.				
Printed/Typed Name	Signature	Month	Day	Year

GENERATOR

TRANSPORTER

FACILITY

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest
Document No.

2. Page 1
of 1

138
00033
00033

3. Generator's Name and Mailing Address

New York State Gas Electric Corporation
Corp. Drive - Kirkwood Industrial Park
Kirkwood, NY 13795

Owego East Main Street MGP Site

4. Generator's Phone (607-762-8683) Bert Finch

5. Transporter 1 Company Name

Sunshine Bulk Comm. Inc

6. US EPA ID Number

8A-546

A. Transporter's Phone

315-548-2383

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Ontario County Landfill
3555 Post Farm Road
Stanley, NY 14561

10. US EPA ID Number

Facility Number

Permit # 8-3244-0004/00001-0

C. Facility's Phone

(585) 526-4420

11. Waste Shipping Name and Description

a.

NON-HAZARDOUS SEDIMENT

12. Containers

No.

Type

13.
Total
Quantity

14.
Unit
Wt/Vol

0 0 1

DT

est. 35

T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

Owego East Main Street MGP

Approval #

Waste Soils

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

In Case of Emergency or for information on this shipment.

Call: Keith Decker (Earth Tech) 518-229-7214

Bert Finch (NYSEG) 607-762-8683

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

Carolyn McMahon
Earth Tech as agent for NYSEG

Signature

Carolyn McMahon

Month Day Year

11/10/03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Lance Main

Signature

Lance Main

Month Day Year

11/10/03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Keith T. Decker

Month Day Year

11/10/03

142

00034

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

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No. Manifest Document No. 00034
2. Page 1 of 1

3. Generator's Name and Mailing Address New York State Gas Electric Corporation
Corp. Drive - Kirkwood Industrial Park
Kirkwood, NY 13795
Owezo East Main Street MGP Site

4. Generator's Phone (607-762-8683 Bert Finch

5. Transporter 1 Company Name Sunshine Bulk Comm Inc 6. US EPA ID Number 8A-546 A. Transporter's Phone 315-548-2383

7. Transporter 2 Company Name 8. US EPA ID Number B. Transporter's Phone

9. Designated Facility Name and Site Address Ontario County Landfill
3555 Post Farm Road
Stanley, NY 14561
10. US EPA ID Number Facility Number Permit # 8-3244-0004/00001-0 C. Facility's Phone (585) 526-4420

11. Waste Shipping Name and Description 12. Containers No. Type 13. Total Quantity 14. Unit Wt/Vol

a. NON-HAZARDOUS SEDIMENT 0 0 1 DT est. 35 T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above E. Handling Codes for Wastes Listed Above
Owezo East Main Street MGP Approval # Waste Soils L

15. Special Handling Instructions and Additional Information
In Case of Emergency or for information on this shipment,
Call: Keith Decker (Earth Tech) 518-229-7214
Bert Finch (NYSEG) 607-762-8683

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name Carolyn McMahon Signature Carolyn McMahon Month Day Year 11/10/03
Earth Tech as agent for NYSEG

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name Stuart Tass Signature Month Day Year 11/10/03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name Signature Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name Nancy Neri Signature Month Day Year 11/10/03

GENERATOR

TRANSPORTER

FACILITY

136
00035

**NON-HAZARDOUS
WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest
Document No.
00035

2. Page 1
of 1

3. Generator's Name and Mailing Address

New York State Gas Electric Corporation
Corp. Drive - Kirkwood Industrial Park
Kirkwood, NY 13795

Owego East Main Street MGP Site

4. Generator's Phone (

607-762-8683

Bert Finch

5. Transporter 1 Company Name

Sunshine Bulk Comm Inc

6. US EPA ID Number

8A-546

A. Transporter's Phone

315-548-2383

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Ontario County Landfill
3555 Post Farm Road
Stanley, NY 14561

10. US EPA ID Number

Facility Number

Permit # 8-3244-0004/00001-0

C. Facility's Phone

(585) 526-4420

11. Waste Shipping Name and Description

12. Containers

No.

Type

13. Total
Quantity

14. Unit
Wt/Vol

a.

NON-HAZARDOUS SEDIMENT

0 0 1

DT

est. 35

T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

Owego East Main Street MGP

Approval #

Waste Soils

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

In Case of Emergency or for information on this shipment,

Call: Keith Decker (Earth Tech) 518-229-7214

Bert Finch (NYSEG) 607-762-8683

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

Earth Tech as agent for NYSEG

Signature

Carolyn McMahon

Month Day Year

11/10/03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Jon Halstead

Signature

Jon Halstead

Month Day Year

11/10/03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Nancy Decker

Signature

Nancy Decker

Month Day Year

11/07/03

GENERATOR

TRANSPORTER

FACILITY

APPENDIX F

DISPOSAL FACILITY WEIGHT TICKETS

0000.1

Ontario County
Recycling and Landfill Management
3555 Post Farm Road
Stanley, NY 14561

Truck #: STATES 1

Ticket# 97607

E-11 Acct: ONTR/CHARGE
Ontario County Landfill - Charge Ac

	In	Out
Date	11/04/03	11/04/03
Time	09:34	110:22
ID	NF	NF

Transaction: 10 - Landfill Inbound
Payment: 1 - Charge
Destination: 10 - Landfill
Material: 70 - Contaminated Soil - In

	Lbs	Tons
Gross	90160	45.08 1
Tare	29040	14.52 2
Net	61120	30.56

Reference:
Manifest:
PO#:

Driver: *Steve State* Scale Operator: Nancy Fera

X

02

Ontario County
Recycling and Landfill Management
3555 Post Farm Road
Stanley, NY 14561

Truck #: SUN 138

Ticket# 97620

E-11 Acct: ONTR/CHARGE
Ontario County Landfill - Charge Ac

	In	Out
Date	11/04/03	11/04/03
Time	10:24	110:54
ID	NF	NF

Transaction: 10 - Landfill Inbound
Payment: 1 - Charge
Destination: 10 - Landfill
Material: 70 - Contaminated Soil - In

	Lbs	Tons
Gross	98200	49.10 1
Tare	37820	18.91 2
Net	60380	30.19

Reference:
Manifest:
PO#:

Driver: *[Signature]* Scale Operator: Nancy Fera

Ontario County
Recycling and Landfill Management
3555 Post Farm Road
Stanley, NY 14561

Truck #:SUN 142

Ticket# 97630

B-11 Acct:ONTR/CHARGE
Ontario County Landfill - Charge Ac

	In	Out
Date	11/04/03	11/04/03
Time	10:53	11:20
ID	NF	NF

Transaction: 10 - Landfill Inbound
Payment: 1 - Charge
Destination: 10 - Landfill
Material: 70 - Contaminated Soil - In

	Lbs	Tons
Gross	97460	48.73 1
Tare	37260	18.63 2
Net	60200	30.10

Reference:
Manifest:
PO#:

Driver:  Scale Operator: Nancy Fera

Ontario County
Recycling and Landfill Management
3555 Post Farm Road
Stanley, NY 14561

Truck #:SUN 116

Ticket# 97646

B-11 Acct:ONTR/CHARGE
Ontario County Landfill - Charge Ac

	In	Out
Date	11/04/03	11/04/03
Time	11:00	11:58
ID	NF	NF

Transaction: 10 - Landfill Inbound
Payment: 1 - Charge
Destination: 10 - Landfill
Material: 70 - Contaminated Soil - In

	Lbs	Tons
Gross	80680	40.34 1
Tare	37160	18.58 2
Net	43520	21.76

Reference:
Manifest:
PO#:

Driver:  Scale Operator: Nancy Fera

05

Ontario County
Recycling and Landfill Management
3555 Post Farm Road
Stanley, NY 14561

Truck #:SUN 136

Ticket# 97658

B 11 Acct:ONTR/CHARGE
Ontario County Landfill - Charge Ac

	In	Out
Date	11/04/03	11/04/03
Time	11:38	112:33
ID	NF	NF

Transaction: 10 - Landfill Inbound
Payment: 1 - Charge
Destination: 10 - Landfill
Material: 70 - Contaminated Soil - In

	Lbs	Tons
Gross	122020	61.01 1
Tare	37160	18.58 2
Net	84860	42.43

Reference:
Manifest:
PO#:

Driver:  Scale Operator: Nancy Fera

06

Ontario County
Recycling and Landfill Management
3555 Post Farm Road
Stanley, NY 14561

Truck #:7270

Ticket# 97660

B 11 Acct:ONTR/CHARGE
Ontario County Landfill - Charge Ac

	In	Out
Date	11/04/03	11/04/03
Time	12:08	112:40
ID	NF	NF

Transaction: 10 - Landfill Inbound
Payment: 1 - Charge
Destination: 10 - Landfill
Material: 70 - Contaminated Soil - In

	Lbs	Tons
Gross	96780	48.39 1
Tare	34660	17.33 2
Net	62120	31.06

Reference:
Manifest:
PO#:

Driver:  Scale Operator: Nancy Fera

Ontario County
Recycling and Landfill Management
3555 Post Farm Road
Stanley, NY 14561

0000.7

Truck #:STATE 1

Ticket# 97754

B 11 Acct:EARTHTECH
Earth Tech, Inc.
47 British American Blvd.
Latham, NY 12110

	In	Out
Date	11/05/03	11/05/03
Time	07:15	108:30
ID	NF	NF

Transaction: 10 - Landfill Inbound
Payment: 1 - Charge
Destination: 10 - Landfill
Material: 70 - Contaminated Soil - In

	Lbs	Tons
Gross	93420	46.71 1
Tare	29360	14.68 2
Net	64060	32.03

Reference:
Manifest:
PO#:

Driver: *Ken [Signature]* Scale Operator: Nancy Fera

X

86

Ontario County
Recycling and Landfill Management
3555 Post Farm Road
Stanley, NY 14561

Truck #:SUN 138

Ticket# 97758

B 11 Acct:EARTHTECH
Earth Tech, Inc.
40 British American Blvd.
Latham, NY 12110

	In	Out
Date	11/05/03	11/05/03
Time	07:22	108:37
ID	NF	NF

Transaction: 10 - Landfill Inbound
Payment: 1 - Charge
Destination: 10 - Landfill
Material: 70 - Contaminated Soil - In

	Lbs	Tons
Gross	103180	51.59 1
Tare	38160	19.08 2
Net	65020	32.51

Reference:
Manifest:
PO#:

Driver: *[Signature]* Scale Operator: Nancy Fera

Ontario County
 Recycling and Landfill Management
 3555 Post Farm Road
 Stanley, NY 14561

Truck #:SUN 142

Ticket# 97762

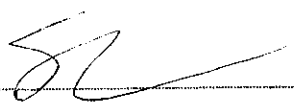
Bill Acct:EARTHTECH
 Earth Tech, Inc.
 40 British American Blvd.
 Latham, NY 12110

	In	1	Out
Date	11/05/03	11/05/03	
Time	07:23	108:52	
ID	NF	1	NF

Transaction: 10 - Landfill Inbound
 Payment: 1 - Charge
 Destination: 10 - Landfill
 Material: 70 - Contaminated Soil - In

	Lbs	Tons
Gross	94220	47.11 1
Tare	37040	18.52 2
Net	57180	28.59

Reference:
 Manifest:
 PO#:

Driver:  Scale Operator: Nancy Fera

16

Ontario County
 Recycling and Landfill Management
 3555 Post Farm Road
 Stanley, NY 14561

Truck #:SUN 136

Ticket# 97775

Bill Acct:EARTHTECH
 Earth Tech, Inc.
 40 British American Blvd.
 Latham, NY 12110

	In	1	Out
Date	11/05/03	11/05/03	
Time	08:23	109:21	
ID	NF	1	NF

Transaction: 10 - Landfill Inbound
 Payment: 1 - Charge
 Destination: 10 - Landfill
 Material: 70 - Contaminated Soil - In

	Lbs	Tons
Gross	113280	56.64 1
Tare	37400	18.70 2
Net	75880	37.94

Reference:
 Manifest:
 PO#:

Driver:  Scale Operator: Nancy Fera

11

Ontario County
Recycling and Landfill Management
3555 Post Farm Road
Stanley, NY 14561

Truck #:MAN 37

Ticket# 97790

Bill Acct:EARTHTECH
Earth Tech, Inc.
4 British American Blvd.
Latham, NY 12110

	In	Out
Date	11/05/03	11/05/03
Time	09:33	110:23
ID	NF	NF

Transaction: 10 - Landfill Inbound
Payment: 1 - Charge
Destination: 10 - Landfill
Material: 70 - Contaminated Soil - In

	Lbs	Tons
Gross	88440	44.22 1
Tare	42340	21.17 2
Net	46100	23.05

Reference:
Manifest:
PD#:

Driver:  Scale Operator: Nancy Fera

12

Ontario County
Recycling and Landfill Management
3555 Post Farm Road
Stanley, NY 14561

Truck #:SUN127

Ticket# 97799

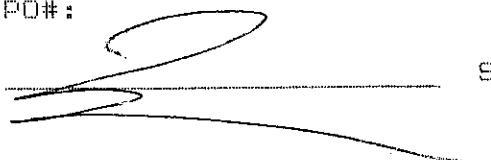
Bill Acct:EARTHTECH
Earth Tech, Inc.
40 British American Blvd.
Latham, NY 12110

	In	Out
Date	11/05/03	11/05/03
Time	09:58	110:51
ID	NF	NF

Transaction: 10 - Landfill Inbound
Payment: 1 - Charge
Destination: 10 - Landfill
Material: 70 - Contaminated Soil - In

	Lbs	Tons
Gross	116600	58.30 1
Tare	36880	18.44 2
Net	79720	39.86

Reference:
Manifest:
PD#:

Driver:  Scale Operator: Nancy Fera

Ontario County
 Recycling and Landfill Management
 3555 Post Farm Road
 Stanley, NY 14561

Truck #:MAN 45

Ticket# 97803

B 11 Acct:EARTHTECH
 Earth Tech, Inc.
 47 British American Blvd.
 Latham, NY 12110

	In	Out
Date	11/05/03	11/05/03
Time	10:17	11:09
ID	NF	NF

Transaction: 10 - Landfill Inbound
 Payment: 1 - Charge
 Destination: 10 - Landfill
 Material: 70 - Contaminated Soil - In

	Lbs	Tons
Gross	110160	55.08 1
Tare	36620	18.31 2
Net	73540	36.77

Reference:

Manifest:

PO#:

Driver: Chris Holt

Scale Operator: Nancy Fera

Ontario County
 Recycling and Landfill Management
 3555 Post Farm Road
 Stanley, NY 14561

Truck #:7270

Ticket# 97824

B 11 Acct:EARTHTECH
 Earth Tech, Inc.
 40 British American Blvd.
 Latham, NY 12110

	In	Out
Date	11/05/03	11/05/03
Time	10:44	11:46
ID	NF	NF

Transaction: 10 - Landfill Inbound
 Payment: 1 - Charge
 Destination: 10 - Landfill
 Material: 70 - Contaminated Soil - In

	Lbs	Tons
Gross	95000	47.50 1
Tare	35140	17.57 2
Net	59860	29.93

Reference:

Manifest:

PO#:

Driver: H.B. III

Scale Operator: Nancy Fera

Ontario County
Recycling and Landfill Management
3555 Post Farm Road
Stanley, NY 14561

Truck #:S-59

Ticket# **97831**

E 11 Acct:EARTHTECH
Earth Tech, Inc.
47 British American Blvd.
Latham, NY 12110

	In	Out
Date	11/05/03	11/05/03
Time	11:22	112:02
ID	NF	NF

Transaction: 10 - Landfill Inbound
Payment: 1 - Charge
Destination:10 - Landfill
Material: 70 - Contaminated Soil - In

	Lbs	Tons
Gross	102380	51.19 1
Tare	36160	18.08 2
Net	66220	33.11

Reference:
Manifest:
PO#:

Driver: Dave Bureja Scale Operator:Nancy Fera

Ontario County
Recycling and Landfill Management
3555 Post Farm Road
Stanley, NY 14561

Truck #:SUN 138

Ticket# **97865**

B 11 Acct:EARTHTECH
Earth Tech, Inc.
40 British American Blvd.
Latham, NY 12110

	In	Out
Date	11/05/03	11/05/03
Time	13:02	113:26
ID	NF	NF

Transaction: 10 - Landfill Inbound
Payment: 1 - Charge
Destination:10 - Landfill
Material: 70 - Contaminated Soil - In

	Lbs	Tons
Gross	118060	59.03 1
Tare	37820	18.91 2
Net	80240	40.12

Reference:
Manifest:
PO#:

Driver: Tom J. Man Scale Operator:Nancy Fera

Ontario County
 Recycling and Landfill Management
 3555 Post Farm Road
 Stanley, NY 14561

Truck #:SUN 142

Ticket# **97881**

Bill Acct:EARTHTECH
 Earth Tech, Inc.
 47 British American Blvd.
 Latham, NY 12110

	In	Out
Date	11/05/03	11/05/03
Time	13:39	14:06
ID	NF	NF

Transaction: 10 - Landfill Inbound
 Payment: 1 - Charge
 Destination: 10 - Landfill
 Material: 70 - Contaminated Soil - In

	Lbs	Tons
Gross	112900	56.49 1
Tare	37100	18.59 2
Net	75800	37.90

Reference:
 Manifest:
 PO#:

Driver: *SM* Scale Operator: Nancy Fera

0001.8

Ontario County
 Recycling and Landfill Management
 3555 Post Farm Road
 Stanley, NY 14561

Truck #:STATE 1

Ticket# **97891**

Bill Acct:EARTHTECH
 Earth Tech, Inc.
 40 British American Blvd.
 Latham, NY 12110

	In	Out
Date	11/05/03	11/05/03
Time	14:05	14:32
ID	NF	NF

Transaction: 10 - Landfill Inbound
 Payment: 1 - Charge
 Destination: 10 - Landfill
 Material: 70 - Contaminated Soil - In

	Lbs	Tons
Gross	93720	46.86 1
Tare	29080	14.54 2
Net	64640	32.32

Reference:
 Manifest:
 PO#:

Driver: *Kern State* Scale Operator: Nancy Fera

X

Ontario County
Recycling and Landfill Management
3555 Post Farm Road
Stanley, NY 14561

Truck #:SUN 136

Ticket# 97894

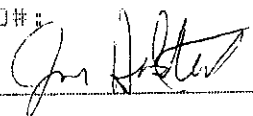
Bill Acct:EARTHTECH
Earth Tech, Inc.
4 British American Blvd.
Latham, NY 12110

	In	Out
Date	11/05/03	11/05/03
Time	14:32	14:52
ID	NF	NF

Transaction: 10 - Landfill Inbound
Payment: 1 - Charge
Destination:10 - Landfill
Material: 70 - Contaminated Soil - In

	Lbs	Tons
Gross	109440	54.72 1
Tare	37180	18.59 2
Net	72260	36.13

Reference:
Manifest:
PO#:

Driver: 

Scale Operator:Nancy Fera

Ontario County
Recycling and Landfill Management
3555 Post Farm Road
Stanley, NY 14561

Truck #:SUN 111

Ticket# 97930

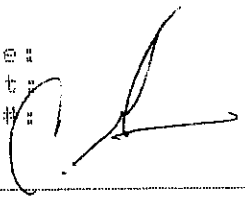
Bill Acct:EARTHTECH
Earth Tech, Inc.
40 British American Blvd.
Latham, NY 12110

	In	Out
Date	11/06/03	11/06/03
Time	07:02	108:30
ID	NF	NF

Transaction: 10 - Landfill Inbound
Payment: 1 - Charge
Destination:10 - Landfill
Material: 70 - Contaminated Soil - In

	Lbs	Tons
Gross	111440	55.72 1
Tare	37880	18.94 2
Net	73560	36.78

Reference:
Manifest:
PO#:

Driver: 

Scale Operator:Nancy Fera

Ontario County
Recycling and Landfill Management
3555 Post Farm Road
Stanley, NY 14561

Truck #:MAN 37

Ticket# 97903

Bill Acct:EARTHTECH
Earth Tech, Inc.
4 British American Blvd.
Latham, NY 12110

	In	Out
Date	11/06/03	11/06/03
Time	06:41	107:30
ID	NF	I NF

Transaction: 10 - Landfill Inbound
Payment: 1 - Charge
Destination: 10 - Landfill
Material: 70 - Contaminated Soil - In

	Lbs	Tons
Gross	105520	52.76 1
Tare	42120	21.06 2
Net	63400	31.70

Reference:
Manifest:
PO#:

Driver:  Scale Operator: Nancy Fera

Ontario County
Recycling and Landfill Management
3555 Post Farm Road
Stanley, NY 14561

Truck #:MAN 45

Ticket# 97902

Bill Acct:EARTHTECH
Earth Tech, Inc.
40 British American Blvd.
Latham, NY 12110

	In	Out
Date	11/06/03	11/06/03
Time	06:40	107:28
ID	NF	I NF

Transaction: 10 - Landfill Inbound
Payment: 1 - Charge
Destination: 10 - Landfill
Material: 70 - Contaminated Soil - In

	Lbs	Tons
Gross	114820	57.41 1
Tare	36400	18.20 2
Net	78420	39.21

Reference:
Manifest:
PO#:

Driver:  Scale Operator: Nancy Fera

Ontario County
 Recycling and Landfill Management
 3555 Post Farm Road
 Stanley, NY 14561

Truck #:SUN 127

Ticket# 98048

Bill Acct:EARTHTECH
 Earth Tech, Inc.
 40 British American Blvd.
 Latham, NY 12110

	In	Out
Date	11/06/03	11/06/03
Time	13:13	13:49
ID	NF	NF

Transaction: 10 - Landfill Inbound
 Payment: 1 - Charge
 Destination: 10 - Landfill
 Material: 70 - Contaminated Soil - In

	Lbs	Tons
Gross	122620	61.31 1
Tare	37260	18.63 2
Net	85360	42.68

Reference:
 Manifest:
 PO#:

Driver: _____ Scale Operator: Nancy Fera

24

Ontario County
 Recycling and Landfill Management
 3555 Post Farm Road
 Stanley, NY 14561

Truck #:7270

Ticket# 97928

Bill Acct:EARTHTECH
 Earth Tech, Inc.
 40 British American Blvd.
 Latham, NY 12110

	In	Out
Date	11/06/03	11/06/03
Time	06:56	08:16
ID	NF	NF

Transaction: 10 - Landfill Inbound
 Payment: 1 - Charge
 Destination: 10 - Landfill
 Material: 70 - Contaminated Soil - In

	Lbs	Tons
Gross	116200	58.10 1
Tare	34700	17.35 2
Net	81500	40.75

Reference:
 Manifest:
 PO#:

Driver: A.B. III Scale Operator: Nancy Fera

25

Ontario County
Recycling and Landfill Management
3555 Post Farm Road
Stanley, NY 14561

Truck #:S-59

Ticket# 98239

B 11 Acct:EARTHTECH
Earth Tech, Inc.
4th British American Blvd.
Latham, NY 12110

	In	Out
Date	11/10/03	11/10/03
Time	06:51	107:31
ID	NF	NF

Transaction: 10 - Landfill Inbound
Payment: 1 - Charge
Destination: 10 - Landfill
Material: 70 - Contaminated Soil - In

	Lbs	Tons
Gross	105580	52.79 1
Tare	38260	19.13 2
Net	67320	33.66

Reference:
Manifest:
PO#:

Driver: Dave Burge Scale Operator: Nancy Fera

26

Ontario County
Recycling and Landfill Management
3555 Post Farm Road
Stanley, NY 14561

Truck #:SUN 138

Ticket# 97925

B 11 Acct:EARTHTECH
Earth Tech, Inc.
40 British American Blvd.
Latham, NY 12110

	In	Out
Date	11/06/03	11/06/03
Time	06:50	108:08
ID	NF	NF

Transaction: 10 - Landfill Inbound
Payment: 1 - Charge
Destination: 10 - Landfill
Material: 70 - Contaminated Soil - In

	Lbs	Tons
Gross	120420	60.21 1
Tare	38060	19.03 2
Net	82360	41.18

Reference:
Manifest:
PO#:

Driver: Lance Main Scale Operator: Nancy Fera

Ontario County
 Recycling and Landfill Management
 3555 Post Farm Road
 Stanley, NY 14561

Truck #:SUN 142

Ticket# 97972

Bill Acct:EARTHTECH
 Earth Tech, Inc.
 40 British American Blvd.
 Latham, NY 12110

	In	Out
Date	11/06/03	11/06/03
Time	09:37	110:38
ID	NF	NF

Transaction: 10 - Landfill Inbound
 Payment: 1 - Charge
 Destination: 10 - Landfill
 Material: 70 - Contaminated Soil - In

	Lbs	Tons
Gross	108120	54.06 1
Tare	37180	18.59 2
Net	70940	35.47

Reference:
 Manifest:
 PO#:

Driver:  Scale Operator: Nancy Fera

28

Ontario County
 Recycling and Landfill Management
 3555 Post Farm Road
 Stanley, NY 14561

Truck #:SUN 136

Ticket# 97983

Bill Acct:EARTHTECH
 Earth Tech, Inc.
 40 British American Blvd.
 Latham, NY 12110

	In	Out
Date	11/06/03	11/06/03
Time	09:56	110:55
ID	NF	NF

Transaction: 10 - Landfill Inbound
 Payment: 1 - Charge
 Destination: 10 - Landfill
 Material: 70 - Contaminated Soil - In

	Lbs	Tons
Gross	111940	55.97 1
Tare	37080	18.54 2
Net	74860	37.43

Reference:
 Manifest:
 PO#:

Driver:  Scale Operator: Nancy Fera

000.29

Ontario County
 Recycling and Landfill Management
 3555 Post Farm Road
 Stanley, NY 14561

Truck #:STATE 1

Ticket# 97988

B 11 Acct:EARTHTECH
 Earth Tech, Inc.
 400 British American Blvd.
 Latham, NY 12110

	In	Out
Date	11/06/03	11/06/03
Time	10:29	11:15
ID	NF	1 NF

Transaction: 10 - Landfill Inbound

Payment: 1 - Charge

	Lbs	Tons
Gross	85120	42.56 1
Tare	28760	14.38 2
Net	56360	28.18

Destination: 10 - Landfill

Material: 70 - Contaminated Soil - In

Reference:

Manifest:

PO#:

Driver: Kevin Hunter

Scale Operator: Nancy Fera

+

30

Ontario County
 Recycling and Landfill Management
 3555 Post Farm Road
 Stanley, NY 14561

Truck #:MAN 45

Ticket# 98027

B 11 Acct:EARTHTECH
 Earth Tech, Inc.
 400 British American Blvd.
 Latham, NY 12110

	In	Out
Date	11/06/03	11/06/03
Time	12:33	12:59
ID	NF	1 NF

Transaction: 10 - Landfill Inbound

Payment: 1 - Charge

	Lbs	Tons
Gross	105360	52.68 1
Tare	36860	18.43 2
Net	68500	34.25

Destination: 10 - Landfill

Material: 70 - Contaminated Soil - In

Reference:

Manifest:

PO#:

Driver: Chris Kelly

Scale Operator: Nancy Fera

Ontario County
Recycling and Landfill Management
3555 Post Farm Road
Stanley, NY 14561

Truck #:MAN 37

Ticket# **98031**

E 11 Acct:EARTHTECH
Earth Tech, Inc.
47 British American Blvd.
Latham, NY 12110

	In	Out
Date	11/06/03	11/06/03
Time	12:48	1:13:08
ID	NF	1 NF

Transaction: 10 - Landfill Inbound
Payment: 1 - Charge
Destination: 10 - Landfill
Material: 70 - Contaminated Soil - In

	Lbs	Tons
Gross	106100	53.05 1
Tare	40850	20.43 2
Net	65240	32.62

Reference:
Manifest:
PO#:

Driver: *Chey Lee* Scale Operator: Nancy Fera

Ontario County
Recycling and Landfill Management
3555 Post Farm Road
Stanley, NY 14561

Truck #:7270

Ticket# **98040**

E 11 Acct:EARTHTECH
Earth Tech, Inc.
40 British American Blvd.
Latham, NY 12110

	In	Out
Date	11/06/03	11/06/03
Time	13:00	1:13:21
ID	NF	1 NF

Transaction: 10 - Landfill Inbound
Payment: 1 - Charge
Destination: 10 - Landfill
Material: 70 - Contaminated Soil - In

	Lbs	Tons
Gross	101400	50.74 1
Tare	34380	17.19 2
Net	67100	33.55

Reference:
Manifest:
PO#:

Driver: *H.B. IV* Scale Operator: Nancy Fera

Ontario County
 Recycling and Landfill Management
 3555 Post Farm Road
 Stanley, NY 14561

Truck #:138

Ticket# 98050

Bill Acct:EARTHTECH
 Earth Tech, Inc.
 47 British American Blvd.
 Latham, NY 12110

	In	Out
Date	11/06/03	11/06/03
Time	13:37	13:56
ID	NF	NF

Transaction: 10 - Landfill Inbound
 Payment: 1 - Charge
 Destination: 10 - Landfill
 Material: 70 - Contaminated Soil - In

	Lbs	Tons
Gross	109240	54.62 1
Tare	37660	18.83 2
Net	71580	35.79

Reference:
 Manifest:
 PO#:

Driver:  Scale Operator: Nancy Fera

34

Ontario County
 Recycling and Landfill Management
 3555 Post Farm Road
 Stanley, NY 14561

Truck #:SUN 142

Ticket# 98092

Bill Acct:EARTHTECH
 Earth Tech, Inc.
 47 British American Blvd.
 Latham, NY 12110

	In	Out
Date	11/07/03	11/07/03
Time	07:03	07:55
ID	NF	NF

Transaction: 10 - Landfill Inbound
 Payment: 1 - Charge
 Destination: 10 - Landfill
 Material: 70 - Contaminated Soil - In

	Lbs	Tons
Gross	113620	56.81 1
Tare	36900	18.45 2
Net	76720	38.36

Reference:
 Manifest:
 PO#:

Driver:  Scale Operator: Nancy Fera

Ontario County
Recycling and Landfill Management
3555 Post Farm Road
Stanley, NY 14561

Lot #:SUN 136

Ticket# **58098**

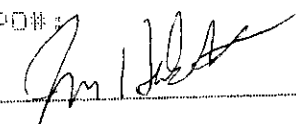
1 Acct:EARTHTECH
Earth Tech, Inc.
British American Blvd.
Sham, NY 12110

	In	Out
Date	11/07/03	11/07/03
Time	07:04	108:11
ID	NF	NF

Transaction: 10 - Landfill Inbound
Payment: 1 - Charge
Station: 10 - Landfill
Material: 70 - Contaminated Soil - In

	Lbs	Tons
Gross	125480	62.74 1
Tare	36860	18.43 2
Net	88620	44.31

Reference:
Manifest:
PO#:

Driver: 

Scale Operator: Nancy Fera

APPENDIX G

CEMENT KILN DUST WEIGHT TICKETS

0801093046

2211

Bill of Lading:

801093046

Ship To #1018786

Shipping information

Page 1 of 1

EARTH TECH

*

GLEN COVE NY 11542

USA

Ship Date 10/24/2003

Time In: 06:15

Rq.Dlv.Date/Time 00:00

Time Out: 06:18

Customer PO/Dt

Order Number/Date 1392846 / 10/24/2003

Customer Number 9054

Reference

Conditions

Scaled Weight (Bulk Only)

* Gross Weight 78,500 LB

* Tare Weight 26,060 LB

Net Weight 52,440 LB

Delivery FP

Route

Carrier/Vehicle Details

Carrier Code 4000685

Carrier Name CSI

Contract#

Vehicle 19

Certified For State

Job Number

Shipping Details

Material Description	Silo	Val. Type	Quantity	Weight
450000 DUST, CEMENT KILN	1001		52,440 LB	26.220 TON
0			23,786.784 KG	23.787 TO
Total Weight				26.220 TON

Shipping Instruction

Received, subjected to the classification and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above, in good order, except as noted (contents and condition of packages own), marked, consigned as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to the usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. See Article 11D on the reverse side hereof for definitions of U.S. Sales, and Canadian Sales, respectively. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subjected for all U.S. Sales to all the terms and conditions of Uniform Domestic Straight Bill of Lading set forth(1) in Uniform Freight classification in effect on the date hereof, if this is rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment and for all Canadian Sales to all the following terms and conditions: (1) approved by the Board of Transport Commissioners for Canada by general order No. T-5, dated February 1, 1986 and in effect to December 31, 1987 set forth in the Canadian Freight Classification and also available at all railway agency stations and freight offices upon request, when said goods are carried by a rail carrier; or (2) of the bill of lading of the water carrier as provided in its tariff of rules and regulations when said goods are carried by a water carrier; or (3) of the bill of lading set forth in or prescribed by the relevant tariffs, classification, statutes and regulations pertaining to motor carrier's services when said goods are carried by a motor carrier; or (4) of the bill of lading described by O.C. 986-79, April 4, 1979, when the said goods originating in Quebec are to be carried by a motor carrier; (5) or approved by the Board of Transport Commissioners for Canada by general order No. T-43, set forth in the Rules for the Carriage of Express and Non-carload Freight Traffic and also available at all express and railway agency stations and freight offices upon request, when said goods are carried by a rail carrier and which are agreed to by the shipper and accepted for himself and his assigns. Shipper hereby certifies that it is familiar with all the terms and conditions of said bill of lading including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for itself and its assigns.

For U.S. Sales, if the shipment moves between two ports by carrier by water, the law requires that the bill of lading shall state whether it is carrier's or shipper's weight. If the shipment moves by rail, the description and weight indicated on this bill of lading are correct, subjected to verification by the individual railroad or Western Weighing Bureau, whichever has jurisdiction according to agreement.

For U.S. Sales, the paper bags used for this shipment conform to the specifications and rules set forth in the governing Rail and Motor classifications.

Shippers imprint in lieu of stamp, not a part of Bill of Lading as approved by I.C.C.

* = Manual Weights

Subjected to section 7 of conditions, of applicable bill of lading, if this shipment is to be delivered to consignee without recourse of consignor, the consignor shall sign the following statement:

The carrier shall not make delivery of the shipment without payment of freight and all other lawful charges

Loaded By:

Driver

Customer

(Signature of consignor)

0801099254

2211

Bill of Lading:

801099254

Ship To #1035333

Shipping information

Page 1 of 1

Ship Date 10/24/2003

Time In: 13:22

Rq.Dlv.Date/Time

00:00

Time Out: 13:24

Customer PO/Dt

Order Number/Date 1430665 / 10/24/2003

Customer Number 9054

Reference

EARTH TECH

OWEGO

OWEGO NY 13827

USA

Conditions

Scaled Weight (Bulk Only)

* Gross Weight 84,100 LB

* Tare Weight 31,060 LB

Net Weight 53,040 LB

Delivery FP

Route

Carrier/Vehicle Details

Carrier Code 4000685

Carrier Name CSI

Contract#

Vehicle 011

Certified For State

Job Number

Shipping Details

Material	Description	Silo	Val. Type	Quantity	Weight
450000	DUST, CEMENT KILN	1001		53,040 LB	26.520 TON
0				24,058.944 KG	24.059 TO
Total Weight					26.520 TON

Shipping Instruction

Received, subjected to the classification and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above, in good order, except as noted (contents and condition of packages own), marked, consigned as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to the usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. See Article 11D on the reverse side hereof for definitions of U.S. Sales, and Canadian Sales, respectively. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subjected for all U.S. Sales to all the terms and conditions of Uniform Domestic Straight Bill of Lading set forth(1) in Uniform Freight classification in effect on the date hereof, if this is rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment and for all Canadian Sales to all the following terms and conditions: (1) approved by the Board of Transport Commissioners for Canada by general order No. T-5, dated February 1, 1985 and in effect to December 31, 1987 set forth in the Canadian Freight Classification and also available at all railway agency stations and freight offices upon request, when said goods are carried by a rail carrier; or (2) of the bill of lading of the water carrier as provided in its tariff of rules and regulations when said goods are carried by a water carrier; or (3) of the bill of lading set forth in or prescribed by the relevant tariffs, classification, statutes and regulations pertaining to motor carrier's services when said goods are carried by a motor carrier; or (4) of the bill of lading described by O.C. 986-79, April 4, 1979, when the said goods originating in Quebec are to be carried by a motor carrier; (5) or approved by the Board of Transport Commissioners for Canada by general order No. T-43, set forth in the Rules for the Carriage of Express and Non-carload Freight Traffic and also available at all express and railway agency stations and express and freight offices upon request, when said goods are carried by a rail carrier and which are agreed to by the shipper and accepted for himself and his assigns. Shipper hereby certifies that it is familiar with all the terms and conditions of said bill of lading including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for itself and its assigns.

For U.S. Sales, if the shipment moves between two ports by carrier by water, the law requires that the bill of lading shall state whether it is carrier's or shipper's weight. If the shipment moves by rail, the description and weight indicated on this bill of lading are correct, subjected to verification by the individual railroad or Western Weighing Bureau, whichever has jurisdiction according to agreement.

For U.S. Sales, the paper bags used for this shipment conform to the specifications and rules set forth in the governing Rail and Motor classifications.

Shippers imprint in lieu of stamp, not a part of Bill of Lading as approved by I.C.C.

* = Manual Weights

Loaded By:

Driver

Subjected to section 7 of conditions, of applicable bill of lading, if this shipment is to be delivered to consignee without recourse of consignor, the consignor shall sign the following statement:

The carrier shall not make delivery of the shipment without payment of freight and all other lawful charges

Customer

(Signature of consignor)

0801093051

2211

Bill of Lading:

801093051

Ship To #1035333

Shipping information

Page 1 of 1

Ship Date 10/24/2003

Time In: 10:27

Rq.Dlv.Date/Time

00:00

Time Out: 10:28

Customer PO/Dt

Order Number/Date 1430451 / 10/24/2003

Customer Number 9054

Reference

EARTH TECH
OWEGO
OWEGO NY 13827
USA

Conditions

Scaled Weight (Bulk Only)

* Gross Weight 91,480 LB
* Tare Weight 29,840 LB
Net Weight 61,640 LB

Delivery FP
Route

Carrier/Vehicle Details

Carrier Code 4000685

Certified For State

Carrier Name CSI

Job Number

Contract#

Vehicle 17

Shipping Details

Material	Description	Silo	Val. Type	Quantity	Weight
450000	DUST,CEMENT KILN	1001		61,640 LB	30.820 TON
0				27,959.904 KG	27.960 TO
Total Weight					30.820 TON

Shipping Instruction

Received, subjected to the classification and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above, in good order, except as noted (contents and condition of packages own), marked, consigned as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to the usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. See Article 11D on the reverse side hereof for definitions of U.S. Sales and Canadian Sales, respectively. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subjected for all U.S. Sales to all the terms and conditions of Uniform Domestic Straight Bill of Lading set forth(1) in Uniform Freight classification in effect on the date hereof, if this is rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment and for all Canadian Sales to all the following terms and conditions: (1) approved by the Board of Transport Commissioners for Canada by general order No. T-5, dated February 1, 1986 and in effect to December 31, 1987 set forth in the Canadian Freight Classification and also available at all railway agency stations and freight offices upon request, when said goods are carried by a rail carrier; or (2) of the bill of lading of the water carrier as provided in its tariff of rules and regulations when said goods are carried by a water carrier; or (3) of the bill of lading set forth in or prescribed by the relevant tariffs, classification, statutes and regulations pertaining to motor carrier's services when said goods are carried by a motor carrier; or (4) of the bill of lading described by O.C. 986-79, April 4, 1979, when the said goods originating in Quebec are to be carried by a motor carrier; (5) or approved by the Board of Transport Commissioners for Canada by general order No. T-43, set forth in the Rules for the Carriage of Express and Non-carload Freight Traffic and also available at all express and railway agency stations and express and freight offices upon request, when said goods are carried by a rail carrier and which are agreed to by the shipper and accepted for himself and his assigns. Shipper hereby certifies that it is familiar with all the terms and conditions of said bill of lading including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for itself and its assigns.

For U.S. Sales, if the shipment moves between two ports by carrier by water, the law requires that the bill of lading shall state whether it is carrier's or shipper's weight. If the shipment moves by rail, the description and weight indicated on this bill of lading are correct, subjected to verification by the individual railroad or Western Weighing Bureau, whichever has jurisdiction according to agreement.

For U.S. Sales, the paper bags used for this shipment conform to the specifications and rules set forth in the governing Rail and Motor classifications.

Shippers imprint in lieu of stamp, not a part of Bill of Lading as approved by I.C.C.

* = Manual Weights

Subjected to section 7 of conditions, of applicable bill of lading, if this shipment is to be delivered to consignee without recourse of consignor, the consignor shall sign the following statement:

The carrier shall not make delivery of the shipment without payment of freight and all other lawful charges.

(Signature of consignor)

Loaded By:

Driver

Customer

0801097695

2211

Bill of Lading: 801097695

Ship To #1018786

Shipping Information

Page 1 of 1

Ship Date 10/23/2003

Time In: 17:25

Rq.Div.Date/Time

00:00

Time Out: 17:26

Customer PO/Dt

Order Number/Date 1428049 / 10/23/2003

Customer Number 9054

Reference

EARTH TECH

GLEN COVE NY 11542

USA

Conditions

Scaled Weight (Bulk Only)

* Gross Weight 89,160 LB

* Tare Weight 31,500 LB

Net Weight 57,660 LB

Delivery FP

Route

Carrier/Vehicle Details

Carrier Code 4000685

Carrier Name CSI

Contract#

Vehicle 011

Certified For State

Job Number

Shipping Details

Material Description	Silo	Val. Type	Quantity	Weight
450000 DUST,CEMENT KILN	1001		57,660 LB	28.830 TON
0			26,154.576 KG	26.155 TO
Total Weight				28.830 TON

Shipping Instruction

Received, subjected to the classification and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above, in good order, except as noted (contents and condition of packages own), marked, consigned as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to the usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. See Article 11D on the reverse side hereof for definitions of U.S. Sales, and Canadian Sales, respectively. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subjected for all U.S. Sales to all the terms and conditions of Uniform Domestic Straight Bill of Lading set forth(1) in Uniform Freight classification in effect on the date hereof, if this is rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment and for all Canadian Sales to all the following terms and conditions: (1) approved by the Board of Transport Commissioners for Canada by general order No. T-3, dated February 1, 1986 and in effect to December 31, 1987 set forth in the Canadian Freight Classification and also available at all railway agency stations and freight offices upon request, when said goods are carried by a rail carrier; or (2) of the bill of lading of the water carrier as provided in its tariff of rules and regulations when said goods are carried by a water carrier; or (3) of the bill of lading set forth in or prescribed by the relevant tariffs, classification, statutes and regulations pertaining to motor carrier's services when said goods are carried by a motor carrier; or (4) of the bill of lading described by O.C. 986-79, April 4, 1979, when the said goods originating in Quebec are to be carried by a motor carrier; (5) or approved by the Board of Transport Commissioners for Canada by general order No. T-43, set forth in the Rules for the Carriage of Express and Non-carload Freight Traffic and also available at all express and railway agency stations and express and freight offices upon request, when said goods are carried by a rail carrier and which are agreed to by the shipper and accepted for himself and his assigns. Shipper hereby certifies that it is familiar with all the terms and conditions of said bill of lading including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for itself and its assigns.

For U.S. Sales, if the shipment moves between two ports by carrier by water, the law requires that the bill of lading shall state whether it is carrier's or shipper's weight. If the shipment moves by rail, the description and weight indicated on this bill of lading are correct, subjected to verification by the individual railroad or Western Weighing Bureau, whichever has jurisdiction according to agreement.

For U.S. Sales, the paper bags used for this shipment conform to the specifications and rules set forth in the governing Rail and Motor classifications.

Shippers imprint in lieu of stamp, not a part of Bill of Lading as approved by I.C.C.

* = Manual Weights

Loaded By:

Driver

Subjected to section 7 of conditions, of applicable bill of lading, if this shipment is to be delivered to consignee without recourse of consignor, the consignor shall sign the following statement:

The carrier shall not make delivery of the shipment without payment of freight and all other lawful charges

Customer

(Signature of consignor)

0801071747

2211

Bill of Lading:

801071747

Ship To #1018786

Shipping information

Page 1 of 1

Ship Date 10/22/2003

Time In: 20:32

Rq.Dlv.Date/Time

00:00

Time Out: 20:36

Customer PO/Dt

Order Number/Date 1414535 / 10/22/2003

Customer Number 9054

Reference

EARTH TECH

* *OWESO NY*
GLEN COVE NY 11542

USA

Conditions

Scaled Weight (Bulk Only)

* Gross Weight 90,160 LB

* Tare Weight 31,500 LB

Net Weight 58,660 LB

Delivery FP

Route

Carrier/Vehicle Details

Carrier Code 4000685

Carrier Name CSI

Contract#

Vehicle 11

Certified For State

Job Number

Shipping Details

Material Description	Silo	Val. Type	Quantity	Weight
450000 DUST, CEMENT KILN	1001		58,660 LB	29.330 TON
0			26,608.176 KG	26.608 TO
Total Weight				29.330 TON

Shipping Instruction

Received, subjected to the classification and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above, in good order, except as noted (contents and condition of packages own), marked, consigned as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to the usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. See Article 11D on the reverse side hereof for definitions of U.S. Sales, and Canadian Sales, respectively. It is mutually agreed, as to each carrier on all or any of said property over all or any portion of said route to destination, and as each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subjected for all U.S. Sales to all the terms and conditions of Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight classification in effect on the date hereof, if this is rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment and for all Canadian Sales to all the following terms and conditions: (1) approved by the Board of Transport Commissioners for Canada by general order No. T-5, dated February 1, 1986 and in effect to December 31, 1987 set forth in the Canadian Freight Classification and also available at all railway agency stations and freight offices upon request, when said goods are carried by a rail carrier; or (2) of the bill of lading of the water carrier as provided in its tariff of rules and regulations when said goods are carried by a water carrier; or (3) of the bill of lading set forth in or prescribed by the relevant tariffs, classification, statutes and regulations pertaining to motor carrier's services when said goods are carried by a motor carrier; or (4) of the bill of lading described by O.C. 986-79, April 4, 1979, when the said goods originating in Quebec are to be carried by a motor carrier; (5) or approved by the Board of Transport Commissioners for Canada by general order No. T-45, set forth in the Rules for the Carriage of Express and Non-carload Freight Traffic and also available at all express and railway agency stations and express and freight offices upon request, when said goods are carried by a rail carrier and which are agreed to by the shipper and accepted for himself and his assigns. Shipper hereby certifies that it is familiar with all the terms and conditions of said bill of lading including those on the back hereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for itself and its assigns.

For U.S. Sales, if the shipment moves between two ports by carrier by water, the law requires that the bill of lading shall state whether it is carrier's or shipper's weight. If the shipment moves by rail, the description and weight indicated on this bill of lading are correct, subjected to verification by the individual railroad or Western Weighing Bureau, whichever has jurisdiction according to agreement.

For U.S. Sales, the paper bags used for this shipment conform to the specifications and rules set forth in the governing Rail and Motor classifications.

Shippers imprint in lieu of stamp, not a part of Bill of Lading as approved by I.C.C.
* = Manual Weights

Loaded By:

Driver

Subjected to section 7 of conditions, of applicable bill of lading, if this shipment is to be delivered to consignee without recourse of consignor, the consignor shall sign the following statement:

The carrier shall not make delivery of the shipment without payment of freight and all other lawful charges

Customer

(Signature of consignor)

0801092444

2211

Bill of Lading: 801092444

Ship To #1019169

EARTH TECH
ATTN: LI-TUNGSTAN / JOB# 39159
PO Box 28837
RICHMOND VA 23228
USA

Shipping information Page 1 of 1

Ship Date 10/22/2003 Time In: 18:11

Rq.Dlv.Date/Time 00:00 Time Out: 18:13

Customer PO/Dt

Order Number/Date 1296818 / 10/22/2003

Customer Number 9054

Reference

Conditions

Scaled Weight (Bulk Only)

* Gross Weight 88,520 LB

* Tare Weight 30,160 LB

Net Weight 58,360 LB

Delivery FP

Route

Carrier/Vehicle Details

Carrier Code 4000685

Carrier Name CSI

Contract#

Vehicle 017

Certified For State

Job Number

Shipping Details

Material Description	Silo	Val. Type	Quantity	Weight
450000 DUST,CEMENT KILN	1001		58,360 LB	29.180 TON
0			26,472.096 KG	26.472 TO
Total Weight				29.180 TON

Shipping Instruction

Received, subjected to the classification and lawfully filed tariffs in effect on the date of issue of this Bill of Lading, the property described above, in good order, except as noted (contents and condition of packages own), marked, consigned as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to the usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. See Article 11D on the reverse side hereof for definitions of U.S. Sales and Canadian Sales, respectively. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subjected for all U.S. Sales to all the terms and conditions of Uniform Domestic Straight Bill of Lading set forth(1) in Uniform Freight classification in effect on the date hereof, if this is rail or rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment and for all Canadian Sales to all the following terms and conditions: (1) approved by the Board of Transport Commissioners for Canada by general order No. T-5, dated February 1, 1986 and in effect to December 21, 1987 set forth in the Canadian Freight Classification and also available at all railway agency stations and freight offices upon request, when said goods are carried by a rail carrier; or (2) of the bill of lading of the water carrier as provided in its tariff of rules and regulations when said goods are carried by a water carrier; or (3) of the bill of lading set forth in or prescribed by the relevant tariffs, classification, statutes and regulations pertaining to motor carrier's services when said goods are carried by a motor carrier; or (4) of the bill of lading described by O.C. 986-79, April 4, 1979, when the said goods originating in Quebec are to be carried by a motor carrier; (5) or approved by the Board of Transport Commissioners for Canada by general order No. T-43, set forth in the Rules for the Carriage of Express and Non-carload Freight Traffic and also available at all express and railway agency stations and express and freight offices upon request, when said goods are carried by a rail carrier and which are agreed to by the shipper and accepted for himself and his assigns. Shipper hereby certifies that it is familiar with all the terms and conditions of said bill of lading including those on the back thereof, set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for itself and its assigns.

For U.S. Sales, if the shipment moves between two ports by carrier by water, the law requires that the bill of lading shall state whether it is carrier's or shipper's weight. If the shipment moves by rail, the description and weight indicated on this bill of lading are correct, subjected to verification by the individual railroad or Western Weighing Bureau, whichever has jurisdiction according to agreement.

For U.S. Sales, the paper bags used for this shipment conform to the specifications and rules set forth in the governing Rail and Motor classifications.

Shippers imprint in lieu of stamp, not a part of Bill of Lading as approved by I.C.C.

* = Manual Weights

Subjected to section 7 of conditions, of applicable bill of lading, if this shipment is to be delivered to consignee without recourse of consignor, the consignor shall sign the following statement:

The carrier shall not make delivery of the shipment without payment of freight and all other lawful charges

Loaded By:

Driver

Customer

(Signature of consignor)

APPENDIX H

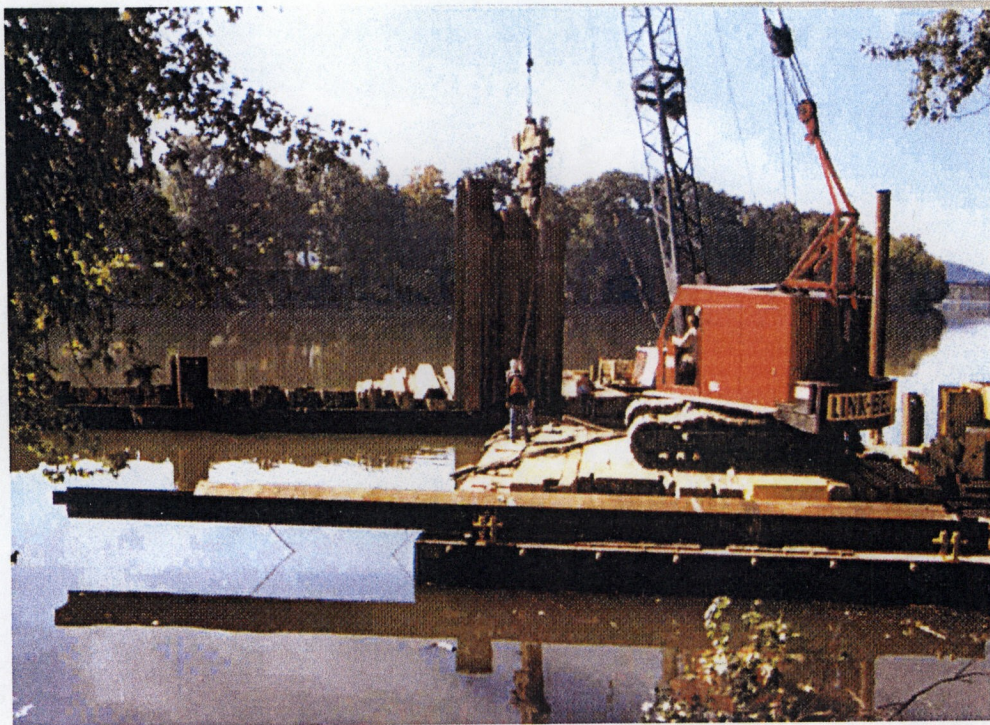
PHOTO LOG



Site Preparation; Marking of trees for removal



Susquehanna River



Installation of Cofferdam System from Flexible Float Barge



Cofferdam Complete prior to Dewatering

*Former NYSEG Manufactured Gas Site
Remedial Action Report
Owego, New York
Photo Log*



Access road to Work Area



Diffuser Box / Area



Dewatering within Cofferdam System



Excavation of River Sediment



Blending River Sediment and CKD, Temporary Shoreline Staging Area



Blending River Sediment with CKD, Removal of Stabilized River Sediment

*Former NYSEG Manufactured Gas Site
Remedial Action Report
Owego, New York
Photo Log*



Stockpiling of Stabilized Sediment in Lined Staging Area



Completed Sediment Removal

*Former NYSEG Manufactured Gas Site
Remedial Action Report
Owego, New York
Photo Log*



Non-MGP Impacted Termination Point of 24" Diameter Storm Drain



Clamshell Dredging of Impacted Materials at Outlying Areas

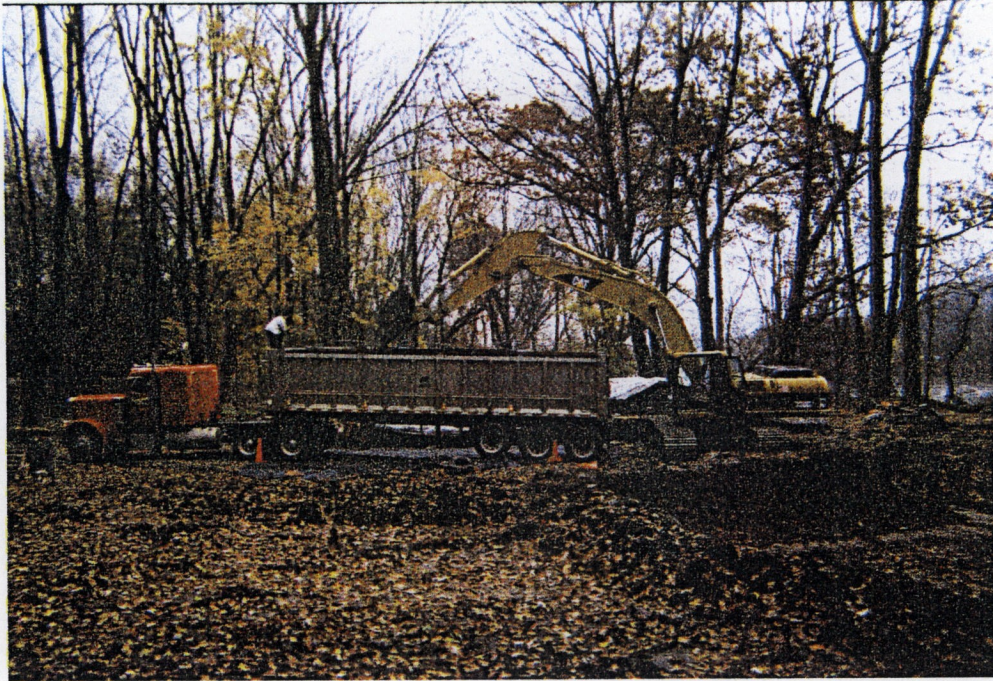
*Former NYSEG Manufactured Gas Site
Remedial Action Report
Owego, New York
Photo Log*



Clamshell Dredging of Impacted Materials at Outlying Areas



Clamshell Dredging of Impacted Materials at Outlying Areas



Loading Out of Impacted Materials



Truck Delivering Cobbles for River Bottom Restoration



River Bottom Restoration with Cobbles





Removal of Cofferdam System



Restored Slopes