Storm Sewer Interim Remedial Measure Documentation Report

New York State Electric & Gas Corporation
Court Street Former Manufactured Gas Plant Site
Binghamton, New York

May 2005

BBL®
BLASLAND, BOUCK & LEE, INC.
engineers, scientists, economists

Table of Contents

1. Introduction

1.1 General

This *Storm Sewer Interim Remedial Measure Documentation Report* (Documentation Report) documents the 66-inch storm sewer interim remedial measure (IRM) activities conducted at New York State Electric & Gas Corporation's (NYSEG's) Court Street Former Manufactured Gas Plant (MGP) Site (site).

The IRM activities, as detailed herein, included the cleaning and lining of the onsite portion of the 66-inch storm sewer and the stone culvert (located south of the site beneath Court Street) to mitigate infiltration of non-aqueous phase liquid (NAPL) and removal of accumulated debris from the pump house floor. This Documentation Report has been prepared by Blasland, Bouck & Lee, Inc. (BBL) on behalf of NYSEG in accordance with the Order on Consent (Index # D7-001-96-03) and the New York State Department of Environmental Conservation- (NYSDEC-) approved *66-Inch Storm Drain Liner Interim Remedial Measure Work Plan (IRM Work Plan)* (BBL, 2003) and associated addendum letter, dated August 11, 2003.

1.2 Document Report Organization

This Documentation Report is organized into the following sections:

Section	Description
1 – Introduction	Presents report organization, relevant background information, and document repository locations.
2 – IRM Objectives	Presents the objectives of the 66-inch sewer IRM activities.
3 – Description of the IRM Activities	Provides a description of the IRM activities conducted at the site.
4 – Conclusions and Recommendations	Provides conclusions and recommendations.

This Documentation Report is also supported by the following appendices:

- Appendix A – IRM Video Inspections;
- Appendix B – Waste Characterization Analytical Summary Reports;
- Appendix C – Waste Manifests and Certificates of Disposal; and
- Appendix D – NYSDEC Approval Letter.

1.3 Site Setting, Description, and Background

The site is located in an industrial section of Binghamton, New York and occupies approximately 4.3 acres of land identified as 271-291, and 293 Court Street (Figure 1). Formerly, the site housed a MGP that operated from 1888 to about 1939, during which time operations gradually expanded westward, eventually covering the site. By about 1969, all aboveground structures associated with the MGP had been dismantled.

Currently, the eastern third of the property (Parcel 293) is used as a natural gas service center by Columbia Gas Transmission Corporation. The remainder of the site is used as a pipe storage area. Court Street borders the site to the south, parallel to the Susquehanna River, and Brandywine Avenue borders the site to the west. The 295 Court Street property, east of the site, contains a warehouse owned by the 295 Court Street Associates, L.L.C. Immediately north of the site is the Norfolk and Southern Railroad line (formerly CSX), an asphalt plant, and a scrap yard.

An active storm sewer, owned and maintained by the City of Binghamton, conveys runoff from a large portion of the city, crosses the northern border of the site (running approximately north to south), and discharges into the Susquehanna River (Figure 2). Historical drawings indicate that the onsite portion of the sewer was apparently constructed between 1885 and 1924 within the former Brandywine Creek bed. A general description of the storm sewer located at and in the immediate vicinity of the site (as it progresses from upstream to downstream) is presented below. The description of the storm sewer is based on previous storm sewer investigation activities performed by BBL, information provided by the City of Binghamton, visual observations made during the implementation of the IRM activities, and BBL's August 16, 2002 site visit.

66-Inch Storm Sewer Description (from upstream offsite to discharge south of the site)

- Approximately 50 feet north of the site property line, the sewer changes from a 3½- by 7-foot concrete box culvert to a 66-inch diameter concrete pipe. In addition, upstream from manhole MH-2 (which is located near the northern boundary of the site), is a stormwater pump system operated by the City of Binghamton;

- The 66-inch diameter concrete pipe continues from that junction south to manhole MH-2 located near the northern boundary of the site. The pipe then extends downstream of manhole MH-2 through one intermediate manhole (MH-1B) and beneath the location of former gas holder No. 4. The sewer bends slightly to the south before entering manhole MH-1 at the southern end of the site near Court Street. At the upstream pipe inlet into manhole MH-1, the City of Binghamton installed a mechanical sluice gate to cutoff storm water flow so that the pump station located at the downstream end of the storm sewer (south of Court Street) can be serviced, when required;

- Downstream of manhole MH-1, the sewer enters a 72-inch wide stone culvert (herein referred to as the culvert) which extends approximately 50 feet south, under Court Street. The stone culvert includes an arch-shaped ceiling and had a wood plank floor;

- At the downstream end of the stone culvert is a stone chamber. The stone chamber is located beneath Court Street, is approximately 15 feet tall, and includes a manhole cover that has been paved over; and

- At the downstream end of the stone chamber the sewer enters an approximately 6- by 8-foot concrete box culvert that leads to the Tompkins Street Pump Station (the pump station), which in turn discharges to the adjacent Susquehanna River.

1.4 Document Repositories

Documents associated with previous site investigations and with this Documentation Report are available for public review at the following document repositories:

Broome County Central Library
185 Court Street
Binghamton, New York
Attn: Lisa Wise
Phone: (607) 778-6407

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau "C", 11th Floor
625 Broadway
Albany, New York 12233-7010
Attn: Mr. Anthony Karwiel
Phone: (518) 402-9662

2. IRM Objectives

The objectives of the 66-inch storm drain liner IRM activities (IRM activities) included the following:

- To mitigate NAPL infiltration into the portion of the 66-inch storm sewer pipe located onsite;
- To remove accumulated debris from the portion of the storm sewer located downstream of manhole MH-1; and

To remove accumulated debris from the pump house to address the presence of polycyclic aromatic hydrocarbons (PAHs).

3. Description of the IRM Activities

3.1 General

This section presents a description of the IRM activities conducted under the following work tasks:

- Mobilization/Site Preparation;
- Cleaning the Storm Sewer Interior and Pump House Floor;
- Lining the Storm Sewer Pipe;
- Transportation and Offsite Disposal of Waste Material; and
- Site Restoration/Demobilization.

The IRM activities were conducted by NYSEG's remedial contractor, Sevenson Environmental Services, Inc. (Sevenson) with periodic part-time construction observation services provided by Blasland, Bouck & Lee, Inc. (BBL). The IRM activities were initiated on July 17, 2003 and were completed by November 3, 2003.

A description of each work task is presented below. Due to field conditions encountered during the IRM, the scope of certain IRM activities were modified from the work tasks activities identified in the IRM Work Plan. Those modifications are incorporated into the work task descriptions below, where applicable.

3.2 Mobilization/Site Preparation

The mobilization and site preparation activities began on July 17, 2003 and included the mobilization of Sevenson's field personnel and the following equipment:

- Two vacuum trucks;
- One tanker truck (to transport potable water to site);
- One front end loader;
- One bulldozer;
- One excavator;
- One office trailer;
- One field equipment storage trailer;
- Two frac tanks (one for potable water storage and one for sewer and IRM-derived wash water);

- Two roll-offs (provided by NYSEG); and

- Miscellaneous equipment necessary to perform the IRM activities (e.g., pumps, generators, material staging/decontamination materials, hand tools, etc.).

Following equipment and personnel mobilization, Sevenson constructed a decontamination pad, a staging area, and demarcated the IRM work zones as described below.

Decontamination Pad

The decontamination pad was constructed to decontaminate personnel and project-related equipment that came in contact with impacted site media. The decontamination pad measured approximately 15 feet by 40 feet with 8-inch bermed sides. The decontamination pad was constructed of a 60-mil high-density polyethylene (HDPE) liner installed over the prepared subgrade and sloped to a sump for decontamination water collection.

Staging Area

The staging area was constructed to mitigate potential contact between impacted materials/storage containers and surface soil. The staging area was constructed of a 60-mil HDPE liner placed over the prepared subgrade. Material storage containers, consisting of frac tanks and roll-offs, were staged in the staging area during the IRM activities. Staged material was covered with the appropriate roll-off cover or 10-mil polyethylene sheeting when not actively managed.

IRM Work Zones

As part of the site preparation activities, Sevenson established the work zones (Exclusion Zones, Contaminant Reduction Zone, and Support Zones) using orange construction fencing. The Exclusion Zones were established at the manhole locations and included the pipe interior where the IRM activities were conducted. The Contaminant Reduction Zone, or the interface between the Exclusion and Support Zones, encompassed the staging area and decontamination pad. The Support Zone included the remainder of the site where remedial support activities were conducted and where the field office and equipment storage trailers were located.

3.3 Cleaning the Storm Sewer Interior

Following mobilization and site preparation activities, Sevenson cleaned the storm sewer interior between manhole MH-2 and the pump station. The cleaning activities consisted of the following:

- Performing a pre-cleaning visual review of the storm sewer to document the pre-IRM conditions of the sewer. Sevenson did not observe lateral pipes entering the sections of the storm sewer to be lined between manhole MH-2 and the pump station during the pre-cleaning review.

- A bypass system was installed at MH-2 to divert stormwater to manhole MH-1. During the visual review, lateral pipes were observed immediately upstream of manhole MH-2. Discussions with the City of Binghamton revealed that the laterals conveyed stormwater from a large drainage area. In addition, the City of Binghamton indicated that due to the number of pumps and coordination concerns associated with the amount of water from the drainage area, the upstream pumps could not be locked/tagged out (as proposed in the IRM Work Plan). Due to the amount of flow entering the upstream portion of the storm sewer, Sevenson constructed a 48-inch high by 12-inch wide steel reinforced concrete dam at manhole MH-2. A

12-inch Godwin dry running trash pump (with a flow rate to 6,000 gallons per minute) and an additional 10-inch Godwin dry running trash pump (with a flow rate to 3,600 gallons per minute) were used to divert flow to MH-1. The bypass piping entering manhole MH-1 was extended so that the stormwater discharged near the inlet of the pump house.

- A sandbag/portland-cement dam was constructed at manhole MH-1 to mitigate migration of water and solids generated during the storm sewer cleaning activities. The dam was moved downstream as necessary to accommodate the cleaning activities.

- Debris accumulated within the storm sewer located between manhole MH-2 and the pump station (including the pump house floor) was removed using vacuum trucks and hand tools (e.g., shovels, buckets, etc.). Once the vacuum truck was full and the solid material settled, the water was pumped to an onsite frac tank for storage. Solid material was removed from the vacuum truck via hand shovels and transferred to a lined roll-off for storage (prior to disposal). The debris was mixed with Quick-Lime to mitigate free liquids prior to transportation. The vacuum truck was placed in a containment area consisting of polyethylene sheeting and wood timbers prior to the removal of water and solid materials. This process continued until the sewer was void of debris and water.

- Following debris removal, the sewer interior was washed using a pressure washer to remove residual material that remained in the pipe. Washwater was captured at the previously constructed downstream dams and removed via a vacuum truck. Following settling, solid material was transferred to a lined roll-off container and the water was transferred to a frac tank.

- A post-cleaning/pre-lining visual review was conducted inside the storm sewer. The post-cleaning/pre-lining visual review included videotaping the sewer interior. Based on the visual review, additional cleaning of the sewer interior was not necessary. Video of the storm sewer following completion of the cleaning activities is provided as Appendix A.

3.4 Lining the Storm Sewer

Following the cleaning activities, Sevenson prepared the storm sewer pipe for the pipe lining activities. The preparation activities included filling and sealing interior pipe surface voids and joint gaps and removing obstructions (e.g., offset joint material).

Sevenson then installed the PVC pipe liner (produced by Danby Pipe Renovation™) within the storm sewer between manhole MH-2 and the downstream end of the culvert. The PVC liner material was delivered in 1-foot wide coil sections and was uncoiled, and was routed through a manhole for installation. The liner was then installed to line the interior surface of the 66-inch storm sewer pipe. Liner sections were connected using a PVC "joiner" strip at the ends of the 1-foot wide sections and a sealant material. The installation also required the construction of bulkheads at transition and manhole locations.

In addition, during the IRM activities, NYSEG elected to line the culvert. To prepare the culvert for lining, the existing wooden plank flooring material was removed and replaced with new oak planks 2 inches thick by 12 inches wide. The new boards were nailed to the existing wood beams located between MH-1 and the pumphouse culvert base. A post-cleaning/pre-lining visual review was conducted inside the stone culvert. The post-cleaning/pre-lining visual review included videotaping the culvert interior. Video of the stone culvert following completion of the cleaning activities is provided as Attachment A.

For the stone culvert located downstream of MH-1, PVC liner was installed along the culvert floor. The base liner was attached and sealed to PVC tabs (similar to angle irons) installed along the length of the culvert base at the intersection of the new wood plank base and the stone wall. The culvert walls and arch were then lined in 1-foot wide sections (in similar fashion as described above for the storm sewer pipe) and secured to the PVC corner pieces.

For the pipe and culvert sections, the annular space between the PVC liner and the existing drainage structure was injected with grout 1½-inch injection holes drilled in the PVC liner. Video of the storm sewer and stone culvert following completion of the lining activities is provided as Appendix A.

3.5 Transportation and Offsite Disposal of Waste Material

Following completion of the IRM activities, the following waste streams were sampled by NYSEG for waste characterization to accommodate offsite transportation and disposition:

- Debris removed from the storm sewer;
- Liquid removed from the storm sewer and wash water generated during the cleaning activities;
- Materials used to construct the decontamination pad and staging areas;
- Decontamination waste (decontamination liquids, disposable decontamination equipment/materials, and polyethylene sheeting);
- Disposable personal protective equipment (PPE); and
- Other miscellaneous waste materials (including rubbish/wood planks) generated as a result of the IRM activities.

A detailed description of the characterization and disposition of each of these waste streams is presented below.

3.5.1 Debris Removed From the Storm Sewer

Debris removed during the storm sewer cleaning activities (including the stone culvert and pump house floor) was ultimately placed into a lined roll-off in the material staging area for subsequent sampling. Samples of the debris were collected and transmitted to Severn Trent Laboratories, Inc. (Severn Trent) for laboratory analysis using United States Environmental Protection Agency (USEPA) methods presented in SW-846, including TCL VOCs (8260), gasoline range organics (8015B), TCL SVOCs (8270), diesel range organics (8015B), total PCBs (8082), total metals, cyanide and % sulfur. The laboratory analytical summary sheets are presented in Appendix B.

Approximately 31 tons of debris were transported offsite during October 2003 for thermal treatment (thermal disposition) at Environmental Soil Management of New York, LLC in Fort Edwards, NY as conditionally exempt MGP impacted sediments waste. The signed waste manifests and certificates of treatment and recycling are provided in Appendix C.

3.5.2 Liquid Removed from the Storm Sewer and IRM-Derived Wash Water

Water removed from the storm sewer (and culvert) and IRM-derived wash water generated as a result of the cleaning activities was placed into a frac tank located in the staging area for subsequent sampling. Samples of the water were collected and transmitted to Severn Trent for laboratory analysis using USEPA method presented in SW-846, including purgeable aromatics BTEX (602), H2S released (Sect. 7.3), HCN released (Sect. 7.3), and ignitability (1010). The laboratory analytical summary sheets are presented in Appendix B.

Approximately 17,000 gallons of water were transported offsite on July 30, 2003 for disposal at Clean Harbors of Connecticut, Inc. in Bristol, CT as a nonhazardous waste. The signed waste manifests and certificates of disposal are provided in Appendix C.

3.5.3 Decontamination Water, PPE, and Miscellaneous Waste Material

Decontamination water, PPE, and miscellaneous waste materials were staged in the appropriate waste containers during material handling activities. As such, decontamination water was pumped into a frac tank with the storm sewer water and IRM wash water identified above, PPE and miscellaneous waste materials were placed into a lined roll-off and subsequently managed and disposed of as construction and demolition debris (2.42 tons) at Seneca Meadows, Inc. in Waterloo, New York.

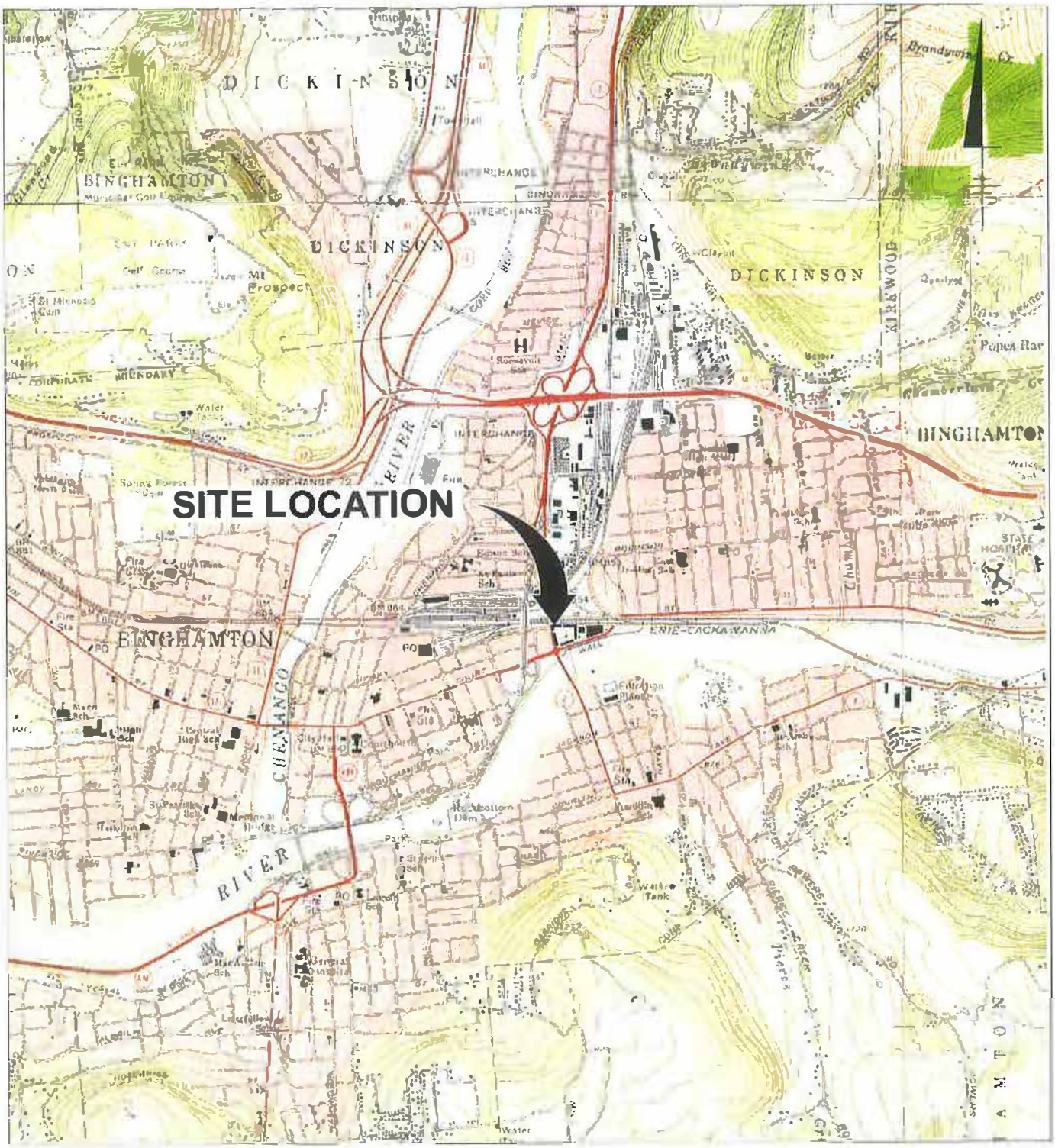
3.6 Site Restoration/Demobilization

Following the liner installation activities, Sevenson removed the bypass pump system and associated dams. Following equipment decontamination activities, Sevenson disassembled the decontamination pad and staging areas and restored the site to pre-construction conditions.

4. Conclusions and Recommendations

As presented above, NYSEG has completed the IRM activities associated with lining the interior of the 66-inch storm sewer between manholes MH-1 and MH-2 in accordance with the NYSDEC-approved IRM Work Plan. Although not included in the IRM Work Plan, NYSEG also cleaned and lined the interior of the stone culvert, located downstream of manhole MH-1. As indicated in a November 13, 2002 response letter, at the request of the NYSDEC, NYSEG will submit an IRM Monitoring Plan to the NYSDEC. The monitoring activities will include periodic visual observation of the lined portion of the storm sewer to confirm NAPL is not infiltrating into the sewer through the lining system.

This Documentation Report was approved by the NYSDEC in a letter dated April 29, 2005, and is provided as Attachment D. Except for the IRM Monitoring program, no further action is required in connection with the 66-inch storm sewer and culvert interior.



REFERENCE: Base map source: USGS 7.5 Min. Topo. Quad., Binghamton East, NY., Binghamtom West, NY., Castle Creek, NY., Chenango Forks, NY. (1968, Photorevised 1976).

2,000 ft 0 2,000 ft

GRAPHIC SCALE

QUADRANGLE LOCATION

NYSEG COURT STREET SITE
BINGHAMTON, NEW YORK
STORM SEWER IRM DOCUMENTATION REPORT

SITE LOCATION MAP

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FIGURE
1

09/02/04 SYR:85DJH
13041009/13041n01.CDR

NORFOLK SOUTHERN RAILROAD

TW97-1S
TW97-1D
CONCRETE BOX CULVERT
TW97-2D
TW97-2S
TW97-3S
MH-3 (BOX CULVERT; NOT VISIBLE AT SURFACE)
MW93-5D
MW97-14D
MW97-14S
MH-2
MW93-6S
PZ93-1
MW93-6D
OIL TANKS
PZ01-05
NO. 3 GAS HOLDER
MW97-13S
66-INCH STORM SEWER
PAVED AREA
295 COURT STREET PROPERTY
24-INCH PIPE
SHRADY-WINE AVENUE
OIL TANKS
PZ01-04
NYSEG COURT STREET PROPERTY
MH-1B
PAVED AREA
GAS CONTROL BLDG.
MW97-10D
MW97-10S/SB-8
MW98-15S
COURT STREET
FLOOD WALL
MW97-9S
MW97-9D
PZ01-03
NO. 4 GAS HOLDER
MW01-03R
MW93-3S
MW93-3D
24-INCH PIPE OUTFALL
PZ01-02
PORTION OF SEWER THAT WAS CLEANED
MH-1
MW93-2S
MW93-2D
MW97-11S
MW97-12S
NYSEG PROPERTY (267 COURT ST.)
PZ01-06
MW93-1D
STONE CULVERT
MW97-8/TB-13
PORTION OF SEWER THAT WAS LINED
SLUICE GATE
STONE CHAMBER
20-INCH AND 24-INCH DIA. WATER LINES (APPROXIMATE LOCATION)
SEWER MANHOLE AND CONTROL STRUCTURE
72-INCH STONE CULVERT
PUMP STATION
36-INCH SANITARY SEWER
MW97-7
MW01-07R
SUSQUEHANNA RIVER
FLOW
TOMPKINS STREET

LEGEND:

- RAILROAD TRACK
- FENCE
- SITE PROPERTY LINES (APPROXIMATE)
- PORTION OF STORM SEWER SUBJECT TO THE IRM
- STORM SEWER LINE (APPROXIMATE)
- SANITARY SEWER LINE (APPROXIMATE)
- HISTORICAL FEATURE
- BURIED CONCRETE WALL
- MONITORING WELL (SHALLOW)
- MONITORING WELL (DEEP)
- MONITORING WELL (BEDROCK)
- PIEZOMETER
- DECOMMISSIONED MONITORING WELL
- CATCH BASIN

NOTES:

1. BASE MAP PROVIDED BY NYSEG (JUNE 12, 1997).
2. ALL INVESTIGATION LOCATIONS SHOWN SURVEYED BY HAWK ENGINEERING, P.C. BINGHAMTON, N.Y.
3. STORM SEWER LOCATION DIGITIZED FROM CITY OF BINGHAMTON MAP, SHEET 303, ENTITLED: PRELIMINARY REPORT, COMPREHENSIVE STORM DRAINAGE, EXISTING FACILITIES. PREPARED BY VERNON O. SHUMAKER, CONSULTING ENGINEER, VESTAL, NEW YORK, DATE NOT PROVIDED.
4. APPROXIMATE LOCATION OF THE TWO UNMARKED CATCH BASINS AND ASSOCIATED PIPING LOCATED NORTHEAST AND EAST OF THE PUMP STATION BASED ON VISUAL OBSERVATIONS MADE BY BBL ON AUGUST 16, 2002.
5. SELECT HISTORICAL FEATURES NOT SHOWN FOR CLARITY.

0 80' 160'
GRAPHIC SCALE

X: 13041X01.DWG
L: ON=*, OFF=REF*
P: PAGESET/PLT-BL
12/2/03 SYR-85-RCB LAS LJP
13041008/13041G01.DWG

NYSEG COURT STREET SITE
BINGHAMTON, NEW YORK
STORM SEWER IRM DOCUMENTATION REPORT

SITE PLAN

BLASLAND, BOUCK & LEE, INC.
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FIGURE 2

Appendix A

IRM Video Inspections

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engineers & scientists

BINGHAMTON
COURT ST.
STORM DRAIN
LINER

FRAC TANK
SAMPLE

7/25/03

SEVERN TRENT STL

BINGHAMTON
COURT STREET
FRAC TANK

ANALYTICAL REPORT

Job#: A03-7167

STL Project#: NY3A9052EP
Site Name: NYSEG
Task: NYSEG Waste Water

Walt Savichky
NYSE&G
P.O. Box 5224
Binghamton, NY 13902-5224

STL Buffalo

Ronald M. Mazur
Project Manager

07/29/2003

Severn Trent Laboratories, Inc.
STL Buffalo • 10 Hazelwood Drive, Suite 106, Amherst, NY 14228
Tel 716 691 2600 Fax 716 691 7991 • www.stlinc.com

A part of Severn Trent plc

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A3716701	FRAC TANK	07/25/2003	15:00	07/26/2003	09:00

METHODS SUMMARY

Job#: A03-7167

STL Project#: NY3A9052EP
Site Name: NYGEG

PARAMETER	ANALYTICAL METHOD
METHOD 602 - PURGEABLE AROMATICS - BTEX	CFR136 602
H2S Released From Waste	SW8463 SECT7.3
HCN Released From Waste	SW8463 SECT7.3
Ignitability	SW8463 101.0

References:

CFR136 Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act, and Appendix A-C; 40 CFR Part 136, USEPA Office of Water.

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

NON-CONFORMANCE SUMMARY

Job#: A03-7167

STL Project#: NY3A9052EP
Site Name: NYGEG

General Comments

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A03-7167
Sample Cooler(s) were received at the following temperature(s); 5.8 °C
All samples were received in good condition.

GC Volatile Data

No deviations from protocol were encountered during the analytical procedures.

Wet Chemistry Data

The U.S. EPA has determined the applicability of the Reactive Cyanide and Sulfide tests to be limited in part due to the poor recoveries obtainable with there procedures. The Aprill 1998 memorandum entitled 'Withdrawal of Cyanide and Sulfide Reactivity Guidance' details the justification for this determination. Therefore, in conjunction with these test results, the U.S. EPA recommends the data user apply process or waste knowledge to determine if their waste exhibits the characteristic of reactivity.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

DATA COMMENT PAGE

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected at or above the reporting limit.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
‡	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected at or above the reporting limit.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
K	Indicates the post digestion spike recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
M	Indicates duplicate injection results exceeded quality control limits.
W	Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
*	Indicates analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample Data Package

Sample ID: FRAC TANK
Lab Sample ID: A3716701
Date Collected: 07/25/2003
Time Collected: 15:00

Date Received: 07/26/2003
Project No: NY3A9052EP
Client No: L11252
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
AQUEOUS-CFR136 602 - BTEX'S							
Benzene	0.46		0.20	UG/L	602	07/28/2003 15:47	KC
Ethylbenzene	8.2		0.20	UG/L	602	07/28/2003 15:47	KC
m-Xylene	2.4	1	0.40	UG/L	602	07/28/2003 15:47	KC
o-Xylene	5.3		0.20	UG/L	602	07/28/2003 15:47	KC
p-Xylene	ND	1	0.40	UG/L	602	07/28/2003 15:47	KC
Toluene	ND		0.20	UG/L	602	07/28/2003 15:47	KC
Wet Chemistry Analysis							
H2S Released From Waste	ND		50.0	MG/L	SECT7.3	07/28/2003 17:39	JMS
HCN Released From Waste	ND		50.0	MG/L	SECT7.3	07/28/2003 17:39	JMS
Ignitability	>200		68.0	°F	1010	07/28/2003 20:00	KS

Chronology and QC Summary Package

Client ID		VBLK62							
Job No	Lab ID	A03-7167	A3716702						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Benzene	UG/L	ND	0.20	NA		NA		NA	
Ethylbenzene	UG/L	ND	0.20	NA		NA		NA	
Toluene	UG/L	ND	0.20	NA		NA		NA	
m-Xylene	UG/L	ND	0.40	NA		NA		NA	
o-Xylene	UG/L	ND	0.20	NA		NA		NA	
p-Xylene	UG/L	ND	0.40	NA		NA		NA	
SURROGATE(S)									
a,a,a-Trifluorotoluene	%	104	66-131	NA		NA		NA	

NA = Not Applicable ND = Not Detected

Date: 07/29/2003
Time: 14:23:47

NYGEG
NYSEG Waste Water
WET CHEMISTRY ANALYSIS

Rept: AN1247

Client ID		Method Blank							
Job No	Lab ID	A03-7167	A3B0832602						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
H2S Released From Waste	MG/L	ND	50.0	NA		NA		NA	
HCN Released From Waste	MG/L	ND	50.0	NA		NA		NA	

10\18

NA = Not Applicable ND = Not Detected

STL Buffalo

Client Sample ID: VBLK62 MSB MSBD
Lab Sample ID: A3716702 A3716703 A3716704

Analyte	Units of Measure	Concentration		Spike Amount		% Recovery			%	QC LIMITS	
		Spike Blank	spike Blank Dup	SB	SBD	SB	SBD	Avg	RPD	RPD	REC.
METHOD 602 - PURGEABLE AROMATICS - BTEX											
Benzene	UG/L	3.48	3.54	4.00	4.00	87	89	88	2	30.0	39-150
Toluene	UG/L	3.40	3.48	4.00	4.00	85	87	86	2	30.0	46-148
Ethylbenzene	UG/L	3.63	3.73	4.00	4.00	91	93	92	2	30.0	32-160
m-Xylene	UG/L	7.30	7.50	8.00	8.00	91	94	93	3	30.0	32-160
o-Xylene	UG/L	3.64	3.72	4.00	4.00	91	93	92	2	30.0	32-160

11\18

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank LCS
Lab Sample ID: A3B0832602 A3B0832601

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS					
METHOD SECTION 7.3 - REACTIVITY (CYANI	MG/L	213.0	1000	21	10-100
METHOD SECTION 7.3 - REACTIVITY (SULFI	MG/L	190.0	570.0	33	10-100

12\18

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

METHOD 602 - PURGEABLE AROMATICS - BTEX

Client Sample ID Job No & Lab Sample ID	FRAC TANK A03-7167 A3716701			
Sample Date	07/25/2003 15:00			
Received Date	07/26/2003 09:00			
Extraction Date				
Analysis Date	07/28/2003 15:47			
Extraction HT Met?	-			
Analytical HT Met?	YES			
Sample Matrix	WATER			
Dilution Factor	1.0			
Sample wt/vol	0.005 LITERS			
% Dry				

13\18

NA = Not Applicable

METHOD 602 - PURGEABLE AROMATICS - BTEX

Client Sample ID Job No & Lab Sample ID	VBLK62 A03-7167 A3716702				
Sample Date					
Received Date					
Extraction Date					
Analysis Date	07/28/2003 09:51				
Extraction HT Met?	-				
Analytical HT Met?	-				
Sample Matrix	WATER				
Dilution Factor	1.0				
Sample wt/vol	0.005 LITERS				
% Dry					

14\18

NA = Not Applicable

NEW YORK STATE ELECTRIC & GAS
NYSEG WASTE WATER
SAMPLE CHRONOLOGY

Lab ID	Sample ID	Lab	Analyte	Method	DF	Sample wt/vol g/L	Sample Date	Receive Date	TCLP Date	TH	Analysis Date	ANL INI	AH	Matrix
A3716701	FRAC TANK	RECNY	HCN Released From Waste	SECT7.3	1.0		07/25/03 15:00	07/26 09:00	NA		07/28	JMS	Y	WATER
		RECNY	H2S Released From Waste	SECT7.3	1.0		07/25/03 15:00	07/26 09:00	NA		07/28	JMS	Y	WATER
		RECNY	Ignitability	1010	1.0		07/25/03 15:00	07/26 09:00	NA		07/28	KS	Y	WATER

15\18

AH = Analysis Holding Time Met
TH = TCLP Holding Time Met
NA = Not Applicable

ANL INI = Analyst Initials
DF = Dilution Factor

Lab ID	Sample ID	Lab	Analyte	Method	DF	Sample wt/vol g/L	Sample Date	Receive Date	TCLP Date	TH	Analysis Date	ANL INI	AH	Matrix
A3B0832602	Method Blank	RECNY	HCN Released From Waste	SECT7.3	1.0		-	-	NA		07/28	JMS	Y	WATER
		RECNY	H2S Released From Waste	SECT7.3	1.0		-	-	NA		07/28	JMS	Y	WATER

AH = Analysis Holding Time Met
TH = TCLP Holding Time Met
NA = Not Applicable

ANL INI = Analyst Initials
DF = Dilution Factor

Chain of Custody

SEVERN TRENT SERVICES

STL Newburgh

CHAIN OF CUSTODY

315 Fullerton Avenue
Newburgh, NY 12550
TEL (845) 562-0890
FAX (845) 562-0841

CUSTOMER NAME: NYSEG
ADDRESS: P.O. Box 5224
CITY, STATE, ZIP: Binghamton NY 13902
NAME OF CONTACT: John Kuspantini PHONE NO. 607-762-8787
PROJECT LOCATION: Binghamton Court St.
PROJECT NUMBER / PO NO.:

REPORT TYPE
STANDARD ☐ ISRA ☐
NJ REG ☐
NYASP A ☐ B ☐ CLP ☐
OTHER ____

TURNAROUND
☐ NORMAL ____
☒ QUICK 48 hr
☐ VERBAL ____

REPORT # (Lab Use Only)
SAMPLE TEMP ____ °C
SAMPLE REC'D ON ICE: Y ____ N ____
pH CHECK: Y ____ N ____
REVIEWED BY: ____

NY PUBLIC WATER SUPPLIES
SOURCE ID ____
ELRP TYPE ____
FEDERAL ID ____

NOTE: SAMPLE TEMPERATURE UPON RECEIPT MUST BE 4° ± 2°C.

Matrix
DW = DRINKING WATER S = SOIL O = OIL
WW = WASTE WATER SL = SLUDGE GW = GROUND WATER

STL #	SAMPLING DATE	TIME AM PM	COMP	GRAB	MATRIX	CLIENT I.D.	Total Number of Containers	40ml Glass MCL	1 Liter Amber Sulfuric Acid	1 Liter Amber Organic Washed	1 Liter Plastic Nitric Acid	1 Liter Plastic Sodium Hydroxide	1 Liter Plastic	1 Liter Plastic Sulfuric Acid	250ml Plastic	125ml Plastic Sterile	250ml Amber	5 oz Cereal	16 oz Glass	ANALYSIS REQUESTED
	7/25/03	1500	X		WW	Frac Tank	3	2											1	BTEX, Flashpoint, Reactivity

SAMPLES SUBMITTED FOR ANALYSIS WILL BE SUBJECTED TO THE STL TERMS AND CONDITIONS OF SALE (SHORT FORM UNLESS ALTERNATE TERMS ARE AGREED IN WRITING.

5.8°C

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
Thomas M. Scarbrough	AES	7/25/03	1600		GZ	7/26/03	0900
SAMPLED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME

1818

COMMENTS ____

RECEIVED
AUG 04 2003
LEO DEPT.

CHAIN OF CUSTODY

EVTRENT SERVICES
STL Newburgh
315 Fullerton Avenue
Newburgh, NY 12550
TEL (845) 562-0890
FAX (845) 562-0841

CUSTOMER NAME: NYSEG
ADDRESS: P.O. Box 5224
CITY, STATE, ZIP: Binghamton NY 13902
NAME OF CONTACT: John Kuspantini PHONE NO.: 607-762-8787
PROJECT LOCATION: Binghamton Court St.
PROJECT NUMBER / PO NO.:

REPORT TYPE
STANDARD ☐ ISRA ☐
NJ REG ☐
NYASP A ☐ B ☐ CLP ☐
OTHER ____

TURNAROUND
☐ NORMAL ____
☒ QUICK 48 hr
☐ VERBAL ____

REPORT # (Lab Use Only)
SAMPLE TEMP. ____ °C
SAMPLE REC'D ON ICE Y ____ N ____
pH CHECK Y ____ N ____
REVIEWED BY: ____

NY PUBLIC WATER SUPPLIES
SOURCE ID ____
ELRP TYPE ____
FEDERAL ID ____

NOTE: SAMPLE TEMPERATURE UPON RECEIPT MUST BE 4° ± 2°C.

Matrix
DW = DRINKING WATER S = SOIL O = OIL
WW = WASTE WATER SL = SLUDGE GW = GROUND WATER

STL #	SAMPLING DATE	SAMPLING TIME AM/PM	COMP	GRAB	MATRIX	CLIENT I.D.	Total Number of Containers	40ml Glass HCL	Liter Amber Sulfuric Acid	Liter Amber Organic Washing	Liter Plastic Nitric Acid	Liter Plastic Sodium Hydroxide	Liter Plastic	Liter Plastic Sulfuric Acid	250ml Plastic	125ml Plastic Sterile	250ml Amber	7 oz Clorpak	16 oz Glass	ANALYSIS REQUESTED
	7/25/13	1500		X	WW	Frac Tank	3						2						1	BTEX, Flashpoint, Reactivity

SAMPLES SUBMITTED FOR ANALYSIS WILL BE SUBJECTED TO THE STL TERMS AND CONDITIONS OF SALE (SHORT FORM) UNLESS ALTERNATE TERMS ARE AGREED IN WRITING

RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
Thomas M. Santilewicz	AES	7/25/13	1600				
SAMPLED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME
RELINQUISHED BY	COMPANY	DATE	TIME	RECEIVED BY	COMPANY	DATE	TIME

COMMENTS ____

STL

OK
WP
8-8-03

New York State Electric & Gas
NYGEG
Kirkwood Industrial Park
PO Box 5224
Binghamton, NY 13902-5224
Attn: Mr. Walt Savichky

Page: 1

Invoice No: 48025032
Invoice Date: 07/30/2003

P.O. No: 80-8800
Project No: NY3A9052EP

Customer No: 95741
Internal Ref. No: AJA25032/L11252

Sample I.D.	Description	Total
FRAC TANK	HCN RELEASED FROM WASTE - W RL= 50 MG/L	30.00
	H2S RELEASED FROM WASTE - W - RL= 50 MG/L	30.00
	FLASHPOINT - W - RL=68 F	37.50
	AQUEOUS-CFR136 602 - BTEX'S	72.00

NYSEG Waste Water
STL Job No(s): A03-7167
Sample Date(s): 07/25/2003

Terms: Net 30 days

Total Due This Invoice: $169.50

AN0558

10 Hazelwood Drive • Suite 106 • Amherst, NY 14228-2298 • Tel: 716 691 2600 • Fax: 716 691 7991 • FED ID 23-2919996
Remit to: W-4305 P.O. Box 7777 • Philadelphia, PA 19175-4305

BINGHAMTON COURT STREET STORM DRAIN LINER

ROLL OFF SAMPLE

7/29/03

SEVERN TRENT STL

ANALYTICAL REPORT

Job#: A03-7257

STL Project#: NY3A9052EP
Site Name: NYGEG
Task: NYSEG Soils

Walt Savichky
NYSE&G
P.O. Box 5224
Binghamton, NY 13902-5224

STL Buffalo

Ronald M. Mazur
Project Manager

08/04/2003

Severn Trent Laboratories, Inc.
STL Buffalo • 10 Hazelwood Drive, Suite 106, Amherst, NY 14228
Tel 716 691 2600 Fax 716 691 7991 • *www.stl-inc.com*

A part of Severn Trent plc

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A3725701	ROLL OFF CONTENTS	07/29/2003	11:00	07/30/2003	09:45

METHODS SUMMARY

Job#: A03-7257

SIL Project#: NY3A9052EP
Site Name: NYGBG

PARAMETER	ANALYTICAL METHOD
METHOD 8260 - TCL VOLATILE ORGANICS	SW8463 8260
METHOD 8015B - Gasoline Range Organics	SW8463 8015 B
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS	SW8463 8270
DIESEL RANGE ORGANICS - METHOD 8015B	SW8463 8015B
METHOD 8082 - POLYCHLORINATED BIPHENYLS (TOTAL)	SW8463 8082
Arsenic - Total	SW8463 6010
Barium - Total	SW8463 6010
Cadmium - Total	SW8463 6010
Chromium - Total	SW8463 6010
Lead - Total	SW8463 6010
Mercury - Total	SW8463 7471
Selenium - Total	SW8463 6010
Silver - Total	SW8463 6010
Cyanide - Total	SW8463 9012A
Percent Sulfur	ASTM D-129

References:

ASTM "Annual Book of ASTM Standards", American Society for Testing and Materials, Philadelphia, PA.

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

NON-CONFORMANCE SUMMARY

Job#: A03-7257

STL Project#: NY3A9052EP
Site Name: NYGEG

General Comments

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A03-7257
Sample Cooler(s) were received at the following temperature(s); 10.2 °C
Sample ROLL OFF CONTENTS was received at a temperature of >10° C. These samples were analyzed as per instructions from the client. Based on EPA data validation guidelines, all detected concentrations and detection limits should be considered estimated values.

GC/MS Volatile Data

No deviations from protocol were encountered during the analytical procedures.

GC Volatile Data

Sample ROLL OFF CONTENTS was analyzed using medium level techniques due to high concentrations of target analytes and non-target analytes.

GC/MS Semivolatile Data

The recovery of surrogate compound 2-Fluorobiphenyl was above the laboratory derived quality control limits in the Method Blank A3B843403. Since there were no detections in the Method Blank and results would be considered biased high, no corrective action was taken.

The recovery of spiking compound Acenaphthene was above laboratory derived quality control limits in the Matrix Spike Blank A3B0843402. However, the Matrix Spike Blank Duplicate A3B0843402 was compliant for all compounds. No corrective action was required.

GC Extractable Data

Sample ROLL OFF CONTENTS analyzed for Diesel Range Organics required dilution prior to analysis due to the high concentration of analytes in the Diesel Range. The surrogate was diluted out of the sample extract.

Metals Data

No deviations from protocol were encountered during the analytical procedures.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Client Sample ID	Lab Sample ID	Parameter (Inorganic)/Method (Organic)	Dilution	Code
ROLL OFF CONTENTS	A3725701	8015 B	50.00	008
ROLL OFF CONTENTS	A3725701	8015B	20.00	008
ROLL OFF CONTENTS	A3725701	8260	10.00	008
ROLL OFF CONTENTS	A3725701	8270	10.00	012
ROLL OFF CONTENTS	A3725701	Mercury - Total	5.00	008

Dilution Code Definition:

002 - sample matrix effects
003 - excessive foaming
004 - high levels of non-target compounds
005 - sample matrix resulted in method non-compliance for an Internal Standard
006 - sample matrix resulted in method non-compliance for Surrogate
007 - nature of the TCLP matrix
008 - high concentration of target analyte(s)
009 - sample turbidity
010 - sample color
011 - insufficient volume for lower dilution
012 - sample viscosity
013 - other

DATA COMMENT PAGE

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected at or above the reporting limit.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P"
A	This flag indicates that a TIC is a suspected aldol-condensation product.
[1]	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected at or above the reporting limit.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
K	Indicates the post digestion spike recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
M	Indicates duplicate injection results exceeded quality control limits.
W	Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
*	Indicates analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample Data Package

Sample ID: ROLL OFF CONTENTS
Lab Sample ID: A3725701
Date Collected: 07/29/2003
Time Collected: 11:00

Date Received: 07/30/2003
Project No: NY3A9052EP
Client No: L11252
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-SW8463 8260 - TCL VOLATILES							
1,1,1-Trichloroethane	ND		19000	UG/KG	8260	07/31/2003 01:59	CDC
1,1,2,2-Tetrachloroethane	ND		19000	UG/KG	8260	07/31/2003 01:59	CDC
1,1,2-Trichloroethane	ND		19000	UG/KG	8260	07/31/2003 01:59	CDC
1,1-Dichloroethane	ND		19000	UG/KG	8260	07/31/2003 01:59	CDC
1,1-Dichloroethene	ND		19000	UG/KG	8260	07/31/2003 01:59	CDC
1,2-Dichloroethane	ND		19000	UG/KG	8260	07/31/2003 01:59	CDC
1,2-Dichloroethene (Total)	ND		39000	UG/KG	8260	07/31/2003 01:59	CDC
1,2-Dichloropropane	ND		19000	UG/KG	8260	07/31/2003 01:59	CDC
2-Butanone	ND		97000	UG/KG	8260	07/31/2003 01:59	CDC
2-Hexanone	ND		97000	UG/KG	8260	07/31/2003 01:59	CDC
4-Methyl-2-pentanone	ND		97000	UG/KG	8260	07/31/2003 01:59	CDC
Acetone	ND		97000	UG/KG	8260	07/31/2003 01:59	CDC
Benzene	73000		19000	UG/KG	8260	07/31/2003 01:59	CDC
Bromodichloromethane	ND		19000	UG/KG	8260	07/31/2003 01:59	CDC
Bromoform	ND		19000	UG/KG	8260	07/31/2003 01:59	CDC
Bromomethane	ND		19000	UG/KG	8260	07/31/2003 01:59	CDC
Carbon Disulfide	ND		19000	UG/KG	8260	07/31/2003 01:59	CDC
Carbon Tetrachloride	ND		19000	UG/KG	8260	07/31/2003 01:59	CDC
Chlorobenzene	ND		19000	UG/KG	8260	07/31/2003 01:59	CDC
Chloroethane	ND		19000	UG/KG	8260	07/31/2003 01:59	CDC
Chloroform	ND		19000	UG/KG	8260	07/31/2003 01:59	CDC
Chloromethane	ND		19000	UG/KG	8260	07/31/2003 01:59	CDC
cis-1,3-Dichloropropene	ND		19000	UG/KG	8260	07/31/2003 01:59	CDC
Dibromochloromethane	ND		19000	UG/KG	8260	07/31/2003 01:59	CDC
Ethylbenzene	550000		19000	UG/KG	8260	07/31/2003 01:59	CDC
Methylene chloride	ND		19000	UG/KG	8260	07/31/2003 01:59	CDC
Styrene	ND		19000	UG/KG	8260	07/31/2003 01:59	CDC
Tetrachloroethene	ND		19000	UG/KG	8260	07/31/2003 01:59	CDC
Toluene	8700	J	19000	UG/KG	8260	07/31/2003 01:59	CDC
Total Xylenes	280000		58000	UG/KG	8260	07/31/2003 01:59	CDC
trans-1,3-Dichloropropene	ND		19000	UG/KG	8260	07/31/2003 01:59	CDC
Trichloroethene	ND		19000	UG/KG	8260	07/31/2003 01:59	CDC
Vinyl acetate	ND		97000	UG/KG	8260	07/31/2003 01:59	CDC
Vinyl chloride	ND		39000	UG/KG	8260	07/31/2003 01:59	CDC
SOIL-8015B - GASOLINE RANGE ORGANICS							
Gasoline Range Organics	1200		380	MG/KG	8015 B	07/31/2003 15:21	KC
SOIL-SW8463 8270 - TCL SVOA ORGANICS							
1,2,4-Trichlorobenzene	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
1,2-Dichlorobenzene	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
1,3-Dichlorobenzene	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
1,4-Dichlorobenzene	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
2,2'-Oxybis(1-Chloropropane)	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
2,4,5-Trichlorophenol	ND		220000	UG/KG	8270	07/31/2003 14:30	MRF
2,4,6-Trichlorophenol	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
2,4-Dichlorophenol	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
2,4-Dimethylphenol	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
2,4-Dinitrophenol	ND		440000	UG/KG	8270	07/31/2003 14:30	MRF

Sample ID: ROLL OFF CONTENTS
Lab Sample ID: A3725701
Date Collected: 07/29/2003
Time Collected: 11:00

Date Received: 07/30/2003
Project No: NY3A9052EP
Client No: L11252
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-SW8463 8270 - TCL SVOA ORGANICS							
2,4-Dinitrotoluene	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
2,6-Dinitrotoluene	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
2-Chloronaphthalene	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
2-Chlorophenol	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
2-Methylnaphthalene	82000	J	91000	UG/KG	8270	07/31/2003 14:30	MRF
2-Methylphenol	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
2-Nitroaniline	ND		440000	UG/KG	8270	07/31/2003 14:30	MRF
2-Nitrophenol	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
3,3'-Dichlorobenzidine	ND		180000	UG/KG	8270	07/31/2003 14:30	MRF
3-Nitroaniline	ND		440000	UG/KG	8270	07/31/2003 14:30	MRF
4,6-Dinitro-2-methylphenol	ND		4500000	UG/KG	8270	07/31/2003 14:30	MRF
4-Bromophenyl phenyl ether	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
4-Chloro-3-methylphenol	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
4-Chloroaniline	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
4-Chlorophenyl phenyl ether	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
4-Methylphenol	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
4-Nitroaniline	ND		440000	UG/KG	8270	07/31/2003 14:30	MRF
4-Nitrophenol	ND		440000	UG/KG	8270	07/31/2003 14:30	MRF
Acenaphthene	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
Acenaphthylene	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
Anthracene	73000	J	91000	UG/KG	8270	07/31/2003 14:30	MRF
Benzo(a)anthracene	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
Benzo(a)pyrene	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
Benzo(b)fluoranthene	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
Benzo(ghi)perylene	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
Benzo(k)fluoranthene	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
Benzoic acid	ND		440000	UG/KG	8270	07/31/2003 14:30	MRF
Benzyl alcohol	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
Bis(2-chloroethoxy) methane	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
Bis(2-chloroethyl) ether	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
Bis(2-ethylhexyl) phthalate	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
Butyl benzyl phthalate	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
Chrysene	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
Di-n-butyl phthalate	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
Di-n-octyl phthalate	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
Dibenzo(a,h)anthracene	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
Dibenzofuran	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
Diethyl phthalate	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
Dimethyl phthalate	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
Fluoranthene	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
Fluorene	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
Hexachlorobenzene	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
Hexachlorobutadiene	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
Hexachlorocyclopentadiene	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
Hexachloroethane	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
Indeno(1,2,3-cd)pyrene	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
Isophorone	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
N-Nitroso-Di-n-propylamine	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
N-nitrosodiphenylamine	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF

Sample ID: ROLL OFF CONTENTS
Lab Sample ID: A3725701
Date Collected: 07/29/2003
Time Collected: 11:00

Date Received: 07/30/2003
Project No: NY3A9052EP
Client No: L11252
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
SOIL-SW8463 8270 - TCL SVOA ORGANICS							
Naphthalene	91000		91000	UG/KG	8270	07/31/2003 14:30	MRF
Nitrobenzene	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
Pentachlorophenol	ND		440000	UG/KG	8270	07/31/2003 14:30	MRF
Phenanthrene	160000		91000	UG/KG	8270	07/31/2003 14:30	MRF
Phenol	ND		91000	UG/KG	8270	07/31/2003 14:30	MRF
Pyrene	54000	J	91000	UG/KG	8270	07/31/2003 14:30	MRF
SOIL - DIESEL RANGE ORGANICS - METHOD 8015B							
Diesel Range Organics	250000		96000	MG/KG	8015B	07/31/2003 18:35	DW
SOIL-SW8463 8082 - TOTAL PCBS							
Total Polychlorinated Biphenyls (8082)	ND		2700	MG/KG	8082	07/31/2003 09:10	DW
Metals Analysis							
Arsenic - Total	15.3		2.1	MG/KG	6010	07/31/2003 21:30	TRB
Barium - Total	10.4		0.52	MG/KG	6010	07/31/2003 21:30	TRB
Cadmium - Total	0.69		0.21	MG/KG	6010	07/31/2003 21:30	TRB
Chromium - Total	1.7		0.52	MG/KG	6010	07/31/2003 21:30	TRB
Lead - Total	341		1.0	MG/KG	6010	07/31/2003 21:30	TRB
Mercury - Total	1.0		0.099	MG/KG	7471	07/30/2003 15:10	AJY
Selenium - Total	ND		4.2	MG/KG	6010	07/31/2003 21:30	TRB
Silver - Total	ND		0.52	MG/KG	6010	07/31/2003 21:30	TRB
Wet Chemistry Analysis							
Cyanide - Total	ND		1.0	UG/G	9012A	07/31/2003 17:01	JMS
Percent Sulfur	0.24		0	%	D-129	07/31/2003 09:00	MJ

Chronology and QC Summary Package

Client ID		VBLK11							
Job No	Lab ID	A03-7257	A3725702						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acetone	UG/KG	ND	3100	NA		NA		NA	
Benzene	UG/KG	ND	620	NA		NA		NA	
Bromodichloromethane	UG/KG	ND	620	NA		NA		NA	
Bromoform	UG/KG	ND	620	NA		NA		NA	
Bromomethane	UG/KG	ND	620	NA		NA		NA	
2-Butanone	UG/KG	ND	3100	NA		NA		NA	
Carbon Disulfide	UG/KG	ND	620	NA		NA		NA	
Carbon Tetrachloride	UG/KG	ND	620	NA		NA		NA	
Chlorobenzene	UG/KG	ND	620	NA		NA		NA	
Chloroethane	UG/KG	ND	620	NA		NA		NA	
Chloroform	UG/KG	ND	620	NA		NA		NA	
Chloromethane	UG/KG	ND	620	NA		NA		NA	
Dibromochloromethane	UG/KG	ND	620	NA		NA		NA	
1,1-Dichloroethane	UG/KG	ND	620	NA		NA		NA	
1,2-Dichloroethane	UG/KG	ND	620	NA		NA		NA	
1,1-Dichloroethene	UG/KG	ND	620	NA		NA		NA	
1,2-Dichloroethene (Total)	UG/KG	ND	1200	NA		NA		NA	
1,2-Dichloropropane	UG/KG	ND	620	NA		NA		NA	
cis-1,3-Dichloropropene	UG/KG	ND	620	NA		NA		NA	
trans-1,3-Dichloropropene	UG/KG	ND	620	NA		NA		NA	
Ethylbenzene	UG/KG	ND	620	NA		NA		NA	
2-Hexanone	UG/KG	ND	3100	NA		NA		NA	
Methylene chloride	UG/KG	ND	620	NA		NA		NA	
4-Methyl-2-pentanone	UG/KG	ND	3100	NA		NA		NA	
Styrene	UG/KG	ND	620	NA		NA		NA	
1,1,2,2-Tetrachloroethane	UG/KG	ND	620	NA		NA		NA	
Tetrachloroethene	UG/KG	ND	620	NA		NA		NA	
Toluene	UG/KG	ND	620	NA		NA		NA	
1,1,1-Trichloroethane	UG/KG	ND	620	NA		NA		NA	
1,1,2-Trichloroethane	UG/KG	ND	620	NA		NA		NA	
Trichloroethene	UG/KG	ND	620	NA		NA		NA	
Vinyl acetate	UG/KG	ND	3100	NA		NA		NA	
Vinyl chloride	UG/KG	ND	1200	NA		NA		NA	
Total Xylenes	UG/KG	ND	1900	NA		NA		NA	
IS/SURROGATE(S)									
Chlorobenzene-D5	%	93	50-200	NA		NA		NA	
1,4-Difluorobenzene	%	94	50-200	NA		NA		NA	
1,4-Dichlorobenzene-D4	%	90	50-200	NA		NA		NA	
Toluene-D8	%	98	71-125	NA		NA		NA	
p-Bromofluorobenzene	%	96	68-124	NA		NA		NA	
1,2-Dichloroethane-D4	%	97	61-136	NA		NA		NA	

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NA = Not Applicable ND = Not Detected

Client ID		VBLK128							
Job No	Lab ID	A03-7257	A3725704						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Gasoline Range Organics	MG/KG	ND	2.5	NA		NA		NA	
SURROGATE(S)									
a,a,a-Trifluorotoluene	%	96	71-138	NA		NA		NA	

NA = Not Applicable ND = Not Detected

Client ID									
Job No	Lab ID	A03-7257	A3B0843403						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Acenaphthene	UG/KG	ND	9900	NA		NA		NA	
Acenaphthylene	UG/KG	ND	9900	NA		NA		NA	
Anthracene	UG/KG	ND	9900	NA		NA		NA	
Benzo(a)anthracene	UG/KG	ND	9900	NA		NA		NA	
Benzo(b)fluoranthene	UG/KG	ND	9900	NA		NA		NA	
Benzo(k)fluoranthene	UG/KG	ND	9900	NA		NA		NA	
Benzo(ghi)perylene	UG/KG	ND	9900	NA		NA		NA	
Benzo(a)pyrene	UG/KG	ND	9900	NA		NA		NA	
Benzoic acid	UG/KG	ND	48000	NA		NA		NA	
Benzyl alcohol	UG/KG	ND	9900	NA		NA		NA	
Bis(2-chloroethoxy) methane	UG/KG	ND	9900	NA		NA		NA	
Bis(2-chloroethyl) ether	UG/KG	ND	9900	NA		NA		NA	
2,2'-Oxybis(1-Chloropropane)	UG/KG	ND	9900	NA		NA		NA	
Bis(2-ethylhexyl) phthalate	UG/KG	ND	9900	NA		NA		NA	
4-Bromophenyl phenyl ether	UG/KG	ND	9900	NA		NA		NA	
Butyl benzyl phthalate	UG/KG	ND	9900	NA		NA		NA	
4-Chloroaniline	UG/KG	ND	9900	NA		NA		NA	
4-Chloro-3-methylphenol	UG/KG	ND	9900	NA		NA		NA	
2-Chloronaphthalene	UG/KG	ND	9900	NA		NA		NA	
2-Chlorophenol	UG/KG	ND	9900	NA		NA		NA	
4-Chlorophenyl phenyl ether	UG/KG	ND	9900	NA		NA		NA	
Chrysene	UG/KG	ND	9900	NA		NA		NA	
Dibenzo(a,h)anthracene	UG/KG	ND	9900	NA		NA		NA	
Dibenzofuran	UG/KG	ND	9900	NA		NA		NA	
Di-n-butyl phthalate	UG/KG	ND	9900	NA		NA		NA	
1,2-Dichlorobenzene	UG/KG	ND	9900	NA		NA		NA	
1,3-Dichlorobenzene	UG/KG	ND	9900	NA		NA		NA	
1,4-Dichlorobenzene	UG/KG	ND	9900	NA		NA		NA	
3,3'-Dichlorobenzidine	UG/KG	ND	20000	NA		NA		NA	
2,4-Dichlorophenol	UG/KG	ND	9900	NA		NA		NA	
Diethyl phthalate	UG/KG	ND	9900	NA		NA		NA	
2,4-Dimethylphenol	UG/KG	ND	9900	NA		NA		NA	
Dimethyl phthalate	UG/KG	ND	9900	NA		NA		NA	
4,6-Dinitro-2-methylphenol	UG/KG	ND	500000	NA		NA		NA	
2,4-Dinitrophenol	UG/KG	ND	48000	NA		NA		NA	
2,4-Dinitrotoluene	UG/KG	ND	9900	NA		NA		NA	
2,6-Dinitrotoluene	UG/KG	ND	9900	NA		NA		NA	
Di-n-octyl phthalate	UG/KG	ND	9900	NA		NA		NA	
Fluoranthene	UG/KG	ND	9900	NA		NA		NA	
Fluorene	UG/KG	ND	9900	NA		NA		NA	
Hexachlorobenzene	UG/KG	ND	9900	NA		NA		NA	
Hexachlorobutadiene	UG/KG	ND	9900	NA		NA		NA	
Hexachlorocyclopentadiene	UG/KG	ND	9900	NA		NA		NA	

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NA = Not Applicable ND = Not Detected

Client ID Job No Lab ID Sample Date		A03-7257	A380843403						
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Hexachloroethane	UG/KG	ND	9900	NA		NA		NA	
Indeno(1,2,3-cd)pyrene	UG/KG	ND	9900	NA		NA		NA	
Isophorone	UG/KG	ND	9900	NA		NA		NA	
2-Methylnaphthalene	UG/KG	ND	9900	NA		NA		NA	
2-Methylphenol	UG/KG	ND	9900	NA		NA		NA	
4-Methylphenol	UG/KG	ND	9900	NA		NA		NA	
Naphthalene	UG/KG	ND	9900	NA		NA		NA	
2-Nitroaniline	UG/KG	ND	48000	NA		NA		NA	
3-Nitroaniline	UG/KG	ND	48000	NA		NA		NA	
4-Nitroaniline	UG/KG	ND	48000	NA		NA		NA	
Nitrobenzene	UG/KG	ND	9900	NA		NA		NA	
2-Nitrophenol	UG/KG	ND	9900	NA		NA		NA	
4-Nitrophenol	UG/KG	ND	48000	NA		NA		NA	
N-nitrosodiphenylamine	UG/KG	ND	9900	NA		NA		NA	
N-Nitroso-Di-n-propylamine	UG/KG	ND	9900	NA		NA		NA	
Pentachlorophenol	UG/KG	ND	48000	NA		NA		NA	
Phenanthrene	UG/KG	ND	9900	NA		NA		NA	
Phenol	UG/KG	ND	9900	NA		NA		NA	
Pyrene	UG/KG	ND	9900	NA		NA		NA	
1,2,4-Trichlorobenzene	UG/KG	ND	9900	NA		NA		NA	
2,4,5-Trichlorophenol	UG/KG	ND	24000	NA		NA		NA	
2,4,6-Trichlorophenol	UG/KG	ND	9900	NA		NA		NA	
======IS/SURROGATE(S)======									
1,4-Dichlorobenzene-D4	%	103	50-200	NA		NA		NA	
Naphthalene-D8	%	110	50-200	NA		NA		NA	
Acenaphthene-D10	%	110	50-200	NA		NA		NA	
Phenanthrene-D10	%	109	50-200	NA		NA		NA	
Chrysene-D12	%	98	50-200	NA		NA		NA	
Perylene-D12	%	91	50-200	NA		NA		NA	
Nitrobenzene-D5	%	113	34-120	NA		NA		NA	
2-Fluorobiphenyl	%	132 *	43-125	NA		NA		NA	
p-Terphenyl-d14	%	138	38-141	NA		NA		NA	
Phenol-D5	%	104	34-120	NA		NA		NA	
2-Fluorophenol	%	114	25-125	NA		NA		NA	
2,4,6-Tribromophenol	%	132	36-139	NA		NA		NA	

NA = Not Applicable ND = Not Detected

NYGEG
NYSEG Soils
DIESEL RANGE ORGANICS - METHOD 8015B

Client ID Job No Sample Date	Lab ID	Method Blank A03-7257	A380847003						
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Diesel Range Organics	MG/KG	ND	4800	NA		NA		NA	
SURROGATE(S)									
o-Terphenyl	%	102	46-154	NA		NA		NA	

NA = Not Applicable ND = Not Detected

Client ID		Method Blank							
Job No	Lab ID	A03-7257	A3B0843003						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Total Polychlorinated Biphenyl	MG/KG	ND	3000	NA		NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	114	32-148	NA		NA		NA	
Decachlorobiphenyl	%	114	36-153	NA		NA		NA	

NA = Not Applicable ND = Not Detected

Client ID Job No Sample Date	Lab ID	Method Blank A03-7257	A3B0842302	Method Blank A03-7257	A3B0845802				
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Mercury - Total	MG/KG	ND	0.020	NA		NA		NA	
Silver - Total	MG/KG	NA		ND	0.50	NA		NA	
Selenium - Total	MG/KG	NA		ND	4.0	NA		NA	
Lead - Total	MG/KG	NA		ND	1.0	NA		NA	
Chromium - Total	MG/KG	NA		ND	0.50	NA		NA	
Cadmium - Total	MG/KG	NA		ND	0.20	NA		NA	
Arsenic - Total	MG/KG	NA		ND	2.0	NA		NA	
Barium - Total	MG/KG	NA		ND	0.50	NA		NA	

NA = Not Applicable ND = Not Detected

Client ID		Method Blank							
Job No	Lab ID	A03-7257	A3B0848804						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Cyanide - Total	UG/G	ND	1.0	NA		NA		NA	

NA = Not Applicable ND = Not Detected

Client Sample ID: VBLK11 MSB11
Lab Sample ID: A3725702 A3725703

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
METHOD 8260 - TCL VOLATILE ORGANICS					
1,1-Dichloroethene	UG/KG	5571	6250	89	65-146
Trichloroethene	UG/KG	5801	6250	93	74-127
Benzene	UG/KG	6048	6250	97	74-128
Toluene	UG/KG	5861	6250	94	74-123
Chlorobenzene	UG/KG	5902	6250	94	76-124

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: VBLK128 LCS LCSD
Lab Sample ID: A3725704 A3725705 A3725706

Analyte	Units of Measure	Concentration		Spike Amount		% Recovery			X	QC LIMITS	
		Spike Blank	Spike Blank Dup	SB	SBD	SB	SBD	Avg	RPD	RPD	REC.
METHOD 8015B - GASOLINE RANGE ORGANICS											
Gasoline Range Organics	MG/KG	10.2	10.3	10.0	10.0	103	103	103	0	30.0	50-150

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Matrix Spike Blank Matrix Spike Blk Dup
Lab Sample ID: A3B0843403 A3B0843401 A3B0843402

Analyte	Units of Measure	Concentration Spike Blank	Concentration Spike Blank Dup	Spike Amount SB	Spike Amount SBD	% Recovery SB	% Recovery SBD	% Recovery Avg	% RPD	QC LIMITS RPD	QC LIMITS REC.
METHOD 8270 - TCL SEMI-VOLATILE ORGANICS											
Phenol	UG/KG	96850	90138	100000	100000	97	90	94	7	34.0	38-120
2-Chlorophenol	UG/KG	115248	109412	100000	100000	115	109	112	5	33.0	40-120
1,4-Dichlorobenzene	UG/KG	109548	103334	100000	100000	110	103	107	6	28.0	35-120
N-Nitroso-Di-n-propylamine	UG/KG	118242	109841	100000	100000	118	110	114	7	25.0	44-120
1,2,4-Trichlorobenzene	UG/KG	114805	108577	100000	100000	115	108	112	6	30.0	38-120
4-Chloro-3-methylphenol	UG/KG	114644	109598	100000	100000	115	110	113	4	24.0	54-121
Acenaphthene	UG/KG	122295	118672	100000	100000	122 *	119	121	2	25.0	55-120
4-Nitrophenol	UG/KG	95723	91660	100000	100000	96	92	94	4	38.0	35-134
2,4-Dinitrotoluene	UG/KG	123923	122931	100000	100000	124	123	124	0.	26.0	49-127
Pentachlorophenol	UG/KG	115562	108457	100000	100000	116	108	112	7	32.0	35-126
Pyrene	UG/KG	132999	134905	100000	100000	133	135	134	1	25.0	58-137

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank
Lab Sample ID: A3B0843003

Matrix Spike Blank
A3B0843001

Matrix Spike Blk Dup
A3B0843002

Analyte	Units of Measure	Concentration		Spike Amount		% Recovery			%	QC LIMITS	
		Spike Blank	Spike Blank Dup	SB	SBD	SB	SBD	Avg	RPD	RPD	REC.
METHOD 8082 - POLYCHLORINATED BIPHENYLS											
Total Polychlorinated Biphenyls (8082)	MG/KG	10.0	9.73	10.0	10.0	101	97	99	4	30.0	52-153

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank
Lab Sample ID: A3B0847003

Matrix Spike Blank
A3B0847001

Matrix Spike Blk Dup
A3B0847002

Analyte	Units of Measure	Concentration		Spike Amount		% Recovery			%	QC LIMITS	
		Spike Blank	Spike Blank Dup	SB	SBD	SB	SBD	Avg	RPD	RPD	REC.
DIESEL RANGE ORGANICS - METHOD 8015B											
Diesel Range Organics	MG/KG	14945	15506	15000	15000	100	103	102	3	30.0	30-145

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank LCS
Lab Sample ID: A3B0842302 A3B0B42301

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
T-METALS RCRA					
TOTAL MERCURY	MG/KG	3.50	4.38	80	80-120

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank
Lab Sample ID: A3B0845802

LCS CLP Soils
A3B0845801

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
T_METALS RCRA					
TOTAL ARSENIC	MG/KG	179.3	192.0	93	80-120
TOTAL BARIUM	MG/KG	398.7	417.0	96	80-120
TOTAL CADMIUM	MG/KG	120.7	125.0	97	80-120
TOTAL CHROMIUM	MG/KG	124.0	133.0	93	80-120
TOTAL LEAD	MG/KG	152.6	160.0	95	80-120
TOTAL SELENIUM	MG/KG	87.48	97.00	90	80-120
TOTAL SILVER	MG/KG	118.1	115.0	103	80-120

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* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Client Sample ID: Method Blank LCS
Lab Sample ID: A3B0848804 A3B0848803

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
WET CHEMISTRY ANALYSIS METHOD 9012 - TOTAL CYANIDE	UG/G	313.9	176.0	178 *	16-131

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

METHOD 8260 - TCL VOLATILE ORGANICS

Client Sample ID Job No & Lab Sample ID	ROLL OFF CONTENTS A03-7257 A3725701				
Sample Date	07/29/2003 11:00				
Received Date	07/30/2003 09:45				
Extraction Date					
Analysis Date	07/31/2003 01:59				
Extraction HT Met?	-				
Analytical HT Met?	YES				
Sample Matrix	SOTHER				
Dilution Factor	10.0				
Sample wt/vol	4.04 GRAMS				
% Dry	31.74				

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NA = Not Applicable

METHOD 8260 - TCL VOLATILE ORGANICS

Client Sample ID Job No & Lab Sample ID	VBLK11 A03-7257 A3725702				
Sample Date					
Received Date					
Extraction Date					
Analysis Date	07/30/2003 22:02				
Extraction HT Met?	-				
Analytical HT Met?	-				
Sample Matrix	SOIL MED				
Dilution Factor	1.0				
Sample wt/vol	4.0 GRAMS				
% Dry	100.00				

NA = Not Applicable

METHOD 8015B - GASOLINE RANGE ORGANICS

Client Sample ID Job No & Lab Sample ID	ROLL OFF CONTENTS A03-7257 A3725701				
Sample Date	07/29/2003	11:00			
Received Date	07/30/2003	09:45			
Extraction Date					
Analysis Date	07/31/2003	15:21			
Extraction HT Met?	-				
Analytical HT Met?	YES				
Sample Matrix	SOTHER				
Dilution Factor	50.0				
Sample wt/vol	5.13	GRAMS			
% Dry	31.74				

NA = Not Applicable

METHOD 8015B - GASOLINE RANGE ORGANICS

Client Sample ID	VBLK128				
Job No & Lab Sample ID	A03-7257 A3725704				
Sample Date					
Received Date					
Extraction Date					
Analysis Date	07/31/2003 11:24				
Extraction HT Met?	-				
Analytical HT Met?	-				
Sample Matrix	SOIL MED				
Dilution Factor	1.0				
Sample wt/vol	5.0 GRAMS				
% Dry	100.00				

NA = Not Applicable

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Client Sample ID Job No & Lab Sample ID	ROLL OFF CONTENTS A03-7257 A3725701				
Sample Date	07/29/2003	11:00			
Received Date	07/30/2003	09:45			
Extraction Date	07/30/2003	14:00			
Analysis Date	07/31/2003	14:30			
Extraction HT Met?	YES				
Analytical HT Met?	YES				
Sample Matrix	SOTHER				
Dilution Factor	10.0				
Sample wt/vol	1.09	GRAMS			
% Dry	100.00				

NA = Not Applicable

METHOD 8270 - TCL SEMI-VOLATILE ORGANICS

Client Sample ID Job No & Lab Sample ID	A03-7257 A3B0843403				
Sample Date					
Received Date					
Extraction Date	07/30/2003 14:00				
Analysis Date	07/31/2003 13:46				
Extraction HT Met?	-				
Analytical HT Met?	-				
Sample Matrix	OIL				
Dilution Factor	1.0				
Sample wt/vol	1.0 GRAMS				
% Dry	100.00				

NA = Not Applicable

DIESEL RANGE ORGANICS - METHOD 8015B

Client Sample ID Job No & Lab Sample ID	ROLL OFF CONTENTS A03-7257 A3725701
Sample Date	07/29/2003 11:00
Received Date	07/30/2003 09:45
Extraction Date	07/31/2003 07:00
Analysis Date	07/31/2003 18:35
Extraction HT Met?	YES
Analytical HT Met?	YES
Sample Matrix	SOTHER
Dilution Factor	20.0
Sample wt/vol	0.1 GRAMS
% Dry	100.00

METHOD 8082 - POLYCHLORINATED BIPHENYLS (TOTAL)

Client Sample ID Job No & Lab Sample ID	ROLL OFF CONTENTS A03-7257 A3725701
Sample Date	07/29/2003 11:00
Received Date	07/30/2003 09:45
Extraction Date	07/30/2003 21:00
Analysis Date	07/31/2003 09:10
Extraction HT Met?	YES
Analytical HT Met?	YES
Sample Matrix	SOTHER
Dilution Factor	1.0
Sample wt/vol	0.55 GRAMS
% Dry	100.00

NA = Not Applicable

DIESEL RANGE ORGANICS - METHOD 8015B

Client Sample ID Job No & Lab Sample ID	Method Blank A03-7257 A3B0843003	Method Blank A03-7257 A3B0847003			
Sample Date					
Received Date					
Extraction Date		07/31/2003 07:00			
Analysis Date		07/31/2003 20:22			
Extraction HT Met?	NA	-			
Analytical HT Met?		-			
Sample Matrix		OIL			
Dilution Factor		1.0			
Sample wt/vol		0.1	GRAMS		
% Dry		100.00			

METHOD 8082 - POLYCHLORINATED BIPHENYLS (TOTAL)

Client Sample ID Job No & Lab Sample ID	Method Blank A03-7257 A3B0843003	Method Blank A03-7257 A3B0847003			
Sample Date					
Received Date					
Extraction Date	07/30/2003 21:00				
Analysis Date	07/31/2003 10:00				
Extraction HT Met?	-	NA			
Analytical HT Met?	-				
Sample Matrix	SOIL LOW				
Dilution Factor	1.0				
Sample wt/vol	0.5 GRAMS				
% Dry	100.00				

NA = Not Applicable

NEW YORK STATE ELECTRIC & GAS
NYSEG SOILS
SAMPLE CHRONOLOGY

Lab ID	Sample ID	Lab	Analyte	Method	DF	% Dry	Sample wt/vol	g/L	Sample Date	Receive Date	Analysis Date	ANL INI	AH	Matrix
A3725701	ROLL OFF CONTENTS	RECNY	Arsenic - Total	6010	1.0	100.00	0.48	g	07/29/2003 11:00	07/30 09:45	07/31	TRB	Y	SOTHER
		RECNY	Barium - Total	6010	1.0	100.00	0.48	g	07/29/2003 11:00	07/30 09:45	07/31	TRB	Y	SOTHER
		RECNY	Cadmium - Total	6010	1.0	100.00	0.48	g	07/29/2003 11:00	07/30 09:45	07/31	TRB	Y	SOTHER
		RECNY	Chromium - Total	6010	1.0	100.00	0.48	g	07/29/2003 11:00	07/30 09:45	07/31	TRB	Y	SOTHER
		RECNY	Lead - Total	6010	1.0	100.00	0.48	g	07/29/2003 11:00	07/30 09:45	07/31	TRB	Y	SOTHER
		RECNY	Mercury - Total	7471	5.0	100.00	0.6068	g	07/29/2003 11:00	07/30 09:45	07/30	AJY	Y	SOTHER
		RECNY	Selenium - Total	6010	1.0	100.00	0.48	g	07/29/2003 11:00	07/30 09:45	07/31	TRB	Y	SOTHER
		RECNY	Silver - Total	6010	1.0	100.00	0.48	g	07/29/2003 11:00	07/30 09:45	07/31	TRB	Y	SOTHER

AH = Analysis Holding Time Met
TH = TCLP Holding Time Met
NA = Not Applicable

AML INI = Analyst Initials
DF = Dilution Factor

Lab ID	Sample ID	Lab	Analyte	Method	DF	% Dry	Sample wt/vol	g/L	Sample Date	Receive Date	Analysis Date	ANL INI	AH	Matrix
A3B0842302	Method Blank	RECNY	Mercury - Total	7471	1.0	100.00	0.6	g	-	-	07/30	AJY	Y	SOIL
A3B0845802	Method Blank	RECNY	Arsenic - Total	6010	1.0	100.00	0.5	g	-	-	07/31	TRB	Y	SOIL
		RECNY	Barium - Total	6010	1.0	100.00	0.5	g	-	-	07/31	TRB	Y	SOIL
		RECNY	Cadmium - Total	6010	1.0	100.00	0.5	g	-	-	07/31	TRB	Y	SOIL
		RECNY	Chromium - Total	6010	1.0	100.00	0.5	g	-	-	07/31	TRB	Y	SOIL
		RECNY	Lead - Total	6010	1.0	100.00	0.5	g	-	-	07/31	TRB	Y	SOIL
		RECNY	Selenium - Total	6010	1.0	100.00	0.5	g	-	-	07/31	TRB	Y	SOIL
		RECNY	Silver - Total	6010	1.0	100.00	0.5	g	-	-	07/31	TRB	Y	SOIL

AH = Analysis Holding Time Met
TH = TCLP Holding Time Met
NA = Not Applicable

ANL INI = Analyst Initials
DF = Dilution Factor

NEW YORK STATE ELECTRIC & GAS
NYSEG SOILS
SAMPLE CHRONOLOGY

Lab ID	Sample ID	Lab	Analyte	Method	DF	% Dry	Sample wt/vol g/L	Sample Date	Receive Date	Analysis Date	ANL INI	A H	Matrix
A3725701	ROLL OFF CONTENTS	RECNY	Cyanide - Total	9012A	1.0	31.74		07/29/2003 11:00	07/30 09:45	07/31	JMS	Y	SOTHER
		RECNY	Percent Sulfur	D-129	1.0	31.74		07/29/2003 11:00	07/30 09:45	07/31	MJ	Y	SOTHER

AH = Analysis Holding Time Met
TH = TCLP Holding Time Met
NA = Not Applicable

ANL INI = Analyst Initials
DF = Dilution Factor

Lab ID	Sample ID	Lab	Analyte	Method	DF	% Dry	Sample wt/vol g/L	Sample Date	Receive Date	Analysis Date	ANL INI	A H	Matrix
A3B0848804	Method Blank	RECNY	Cyanide - Total	9012A	1.0	100.00		-	-	07/31	JMS	Y	SOIL

AH = Analysis Holding Time Met
TH = TCLP Holding Time Met
NA = Not Applicable

ANL INI = Analyst Initials
DF = Dilution Factor

Chain of Custody

Chain of Custody Record

SEVERN TRENT SERVICES

Severn Trent Laboratories, Inc.

STL-4124 (0700)

Client: NYSEG	Project Manager	Date: 7/29/03	Chain of Custody Number: 010205
Address: P.O. Box 5224	Telephone Number (Area Code)/Fax Number: 607-762-7412	Lab Number	Page: 1 of 1
City: Binghamton / State: NY / Zip Code: 13902	Site Contact: Walt Sanchuky	Lab Contact	Analysis (Attach list if more space is needed)
Project Name and Location (State)	Carrier/Waybill Number		
Contract/Purchase Order/Quote No			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H_2SO_4	HNO_3	HCl	NaOH	$ZnAc/NaOH$	Total CN- & Phenol	8270 S-Voc	8260 - TVOC	TPH 8100/8015	% Sulfur	Total PCB/PAH
Roll off contents	7/29/03	1100			X		4											

Special Instructions/ Conditions of Receipt

Possible Hazard Identification: Coal Tar

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal: ☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: ☐ 24 Hours ☒ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Thomas M. Sienkiewicz	7/29/03	1200	1. Received By: [illegible] TO STL	07/30/03	0945
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments: Sample is combination of Coal Tar and pipeline sediment 10.2°C

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report. PINK - Field Copy

42/42

BINGHAMTON
COURT STREET
STORM DRAIN
LINER

ROLL OFF – TCLP
LEAD

8/8/03

SEVERN TRENT STL

ANALYTICAL REPORT

Job#: A03-7584

STL Project#: NY3A9052EP
Site Name: NYGEG
Task: NYSEG TCLP Lead

Walt Savichky
NYSE&G
P.O. Box 5224
Binghamton, NY 13902-5224

STL Buffalo

Ronald M. Mazur
Project Manager

08/21/2003

Severn Trent Laboratories, Inc.
STL Buffalo • 10 Hazelwood Drive, Suite 106, Amherst, NY 14228
Tel 716 691 2600 Fax 716 691 7991 • *www.stl-inc.com*

A part of Severn Trent plc

STL Buffalo
Current Certifications

STATE	Program	Cert # / Lab ID
A2LA (ISO 17025)	SDWA, CWA, RCRA	0732-01
Arizona	SDWA, CWA, RCRA	AZ0525
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP SDWA, CWA, RCRA	01169CA
Canada	GENERAL	SCC 1007-15/10B
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA	10026
North Carolina	CWA	411
North Dakota	SDWA, CWA, RCRA	R-176
Oklahoma	CWA, RCRA	9421
Oregon	NELAP,SDWA, CWA, RCRA	NY200001
Pennsylvania	NELAP, SDWA, CWA, Env. Lab Reg.	68-281
South Carolina	RCRA	91013
Tennessee	SDWA	2970
USDA	FOREIGN SOIL PERMIT	S-4650
Virginia	SDWA	278
Washington	CWA	C254
West Virginia	CWA	252
Wisconsin	CWA	998310390
Wyoming UST	UST	NA

SAMPLE SUMMARY

LAB SAMPLE ID	CLIENT SAMPLE ID	SAMPLED DATE	SAMPLED TIME	RECEIVED DATE	RECEIVED TIME
A3758401	ROLL OFF COMPOSITE	08/08/2003	13:00	08/09/2003	10:15

METHODS SUMMARY

Job#: A03-7584

STL Project#: NY3A9052EP
Site Name: NYGEG

PARAMETER	ANALYTICAL METHOD
Lead - Total	SW8463 6010
Toxicity Characteristic Leaching Procedure	SW8463 1311

References:

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

Sample ID: ROLL OFF COMPOSITE
Lab Sample ID: A3758401
Date Collected: 08/08/2003
Time Collected: 13:00

Date Received: 08/09/2003
Project No: NY3A9052EP
Client No: L11252
Site No:

Parameter	Result	Flag	Detection Limit	Units	Method	Date/Time Analyzed	Analyst
TCLP Metals Analysis							
Lead - Total	ND		5.0	MG/L	6010	08/15/2003 01:35	BKL

NON-CONFORMANCE SUMMARY

Job#: A03-7584

STL Project#: NY3A9052EP
Site Name: NYGEG

General Comments

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A03-7584
Sample Cooler(s) were received at the following temperature(s); 2.0 °C
This project needs an extraction test for TCLP metals.

Metals Data

The recovery of sample ROLL OFF COMPOSITE Matrix Spike and Matrix Spike Duplicate exhibited results below the quality control limits for Lead. The sample result is more than four times greater than the spike added. The relative percent difference The LFB (1234) is acceptable.

Wet Chemistry Data

No deviations from protocol were encountered during the analytical procedures.

****

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

DATA COMMENT PAGE

ORGANIC DATA QUALIFIERS

ND or U	Indicates compound was analyzed for, but not detected at or above the reporting limit.
J	Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
C	This flag applies to pesticide results where the identification has been confirmed by GC/MS.
B	This flag is used when the analyte is found in the associated blank, as well as in the sample.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at the secondary dilution factor.
N	Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
P	This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P".
A	This flag indicates that a TIC is a suspected aldol-condensation product.
	Indicates coelution.
*	Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U	Indicates element was analyzed for, but not detected at or above the reporting limit.
J or B	Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
N	Indicates spike sample recovery is not within the quality control limits.
K	Indicates the post digestion spike recovery is not within the quality control limits.
S	Indicates value determined by the Method of Standard Addition.
M	Indicates duplicate injection results exceeded quality control limits.
W	Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.
E	Indicates a value estimated or not reported due to the presence of interferences.
H	Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
*	Indicates analysis is not within the quality control limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample Data Package

Chronology and QC Summary Package

Client ID Job No Sample Date	Lab ID	Extractor Blank A03-7584	A3B0900202	Method Blank A03-7584	A3B0900203				
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Lead - Total	MG/L	ND	5.0	ND	5.0	NA		NA	

10\16

NA = Not Applicable ND = Not Detected

SAMPLE DATE 08/08/2003

Client Sample ID: ROLL OFF COMPOSITE ROLL OFF COMPOSITE ROLL OFF COMPOSITE
Lab Sample ID: A3758401 A3758401MS A3758401SD

Analyte	Units of Measure	Concentration			Spike Amount		% Recovery		Avg	% RPD	QC LIMITS	
		Sample	Matrix Spike	Spike Duplicate	MS	MSD	MS	MSD			RPD	REC.
TCLP METALS ANALYSIS												
TCLP TOTAL LEAD	MG/L	2.35	2.37	2.40	0.200	0.200	9 *	25 *	17	94 *	20.0	80-120

11\16

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

STL Buffalo

Client Sample ID: Method Blank LCS
Lab Sample ID: A3B0900203 A3B0900201

Analyte	Units of Measure	Concentration Blank Spike	Spike Amount	% Recovery Blank Spike	QC LIMITS
TCLP METALS ANALYSIS					
TCLP TOTAL LEAD	MG/L	0.195	0.200	98	80-120

12\16

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Job No: A03-7584

NYSEG TCLP LEAD
SAMPLE CHRONOLOGY

Lab ID	Sample ID	Lab	Analyte	Method	DF	Sample wt/vol g/L	Sample Date	Receive Date	TCLP Date	TH	Analysis Date	ANL INI	AH	Matrix
A3758401	ROLL OFF COMPOSITE	RECNY	Lead - Total	6010	1.0	0.05 L	08/08/03 13:00	08/09 10:15	08/13	Y	08/15 01:35	BKL	Y	SOIL

13\16

AH = Analysis Holding Time Met
TH = TCLP Holding Time Met
NA = Not Applicable

ANL INI = Analyst Initials
DF = Dilution Factor

STL Buffalo

Lab ID	Sample ID	Lab	Analyte	Method	DF	Sample wt/vol g/L	Sample Date	Receive Date	TCLP Date	TH	Analysis Date	ANL INI	AH	Matrix
A3B0900202	Extractor Blank	RECNY	Lead - Total	6010	1.0	0.05 L	-	-	08/13	Y	08/15 01:26	BKL	Y	WATER
A3B0900203	Method Blank	RECNY	Lead - Total	6010	1.0	0.05 L	-	-	08/13	Y	08/15 01:21	BKL	Y	WATER

14\16

AH = Analysis Holding Time Met
TH = TCLP Holding Time Met
NA = Not Applicable

ANL INI = Analyst Initials
DF = Dilution Factor

Chain of Custody

Chain of Custody Record

STL-4124 (0700)

Severn Trent Laboratories, Inc.

Client	Project Manager	Date	Chain of Custody Number
NYSEG			010207
Address	**Telephone Number (Area Code)/Fax Number**	**Lab Number**	**Page**
P.O. Box 5224	607-762-7412 Fax 762-8451		Page 1 of 1
City / **State** / **Zip Code**	**Site Contact**	**Lab Contact**	
Binghamton / NY / 13902	W. Sawitsky		
Project Name and Location (State)	**Carrier/Waybill Number**		
Binghamton Court St.			
Contract/Purchase Order/Quote No.			
Walt Sawitsky			

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix: Air	Aqueous	Sed.	Soil	Containers & Preservatives: Unpres.	H_2SO_4	HNO3	HCl	NaOH	ZnAc/NaOH	TCLP Lead	Special Instructions/ Conditions of Receipt
Roll Off Composite	8/8/03	1300				X	1						X	

Possible Hazard Identification

☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

(A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required

☐ 24 Hours ☒ 48 Hours ☐ 7 Days ☐ 14 Days ☐ 21 Days ☐ Other _____

QC Requirements (Specify)

	Date	Time		Date	Time
1. Relinquished By: Thomas M. Sawitsky Jr.	8/8/03	1300	1. Received By: SR	08/09/03	1015
2. Relinquished By			2. Received By		
3. Relinquished By			3. Received By		

Comments

2.0°C

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy

1616

Appendix C

Waste Manifests and Certificates of Disposal

BBL®
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

NYSEG

(NEW YORK STATE ELECTRIC & GAS CORPORATION)
Licensing & Environmental Operations
Corporate Drive, Kirkwood Industrial Park
P. O. Box 5224, Binghamton, NY, 13902

CONDITIONALLY EXEMPT SOLID WASTE MANIFEST

NYSEG Manifest No. BING-03-01

TRANSPORTER:

Page Transportation
P O Box 1290
Weedsport, NY 13166
NYSDEC Permit No. 7A-296

Truck Number: 3905

Date: 10-8-03 Time In: 7:10 Time Out: 2:00

CONSIGNEE:

ESMI of New York
304 Towpath Road
Fort Edward, New York 12828

SHIPPER:

NYSEG (New York State Electric & Gas Corp.)
Corporate Drive, Kirkwood Industrial Park
P.O. Box 5224
Binghamton, NY, 13902

SITE LOCATION:

NYSEG Binghamton Court Street MGP Site
279-291 Court Street
Binghamton, NY 13903

EPA ID No. NY0000073189

MATERIAL DESCRIPTION:

CONDITIONALLY EXEMPT MGP REMEDIATION WASTE
(PER NYSDEC TAGM 4061)

Weight: Est. 20 tons

SHIPPER:
SIGNATURE: Walt Savichky PRINT NAME: WALT SAVICHKY

DRIVER:
SIGNATURE: William T. Janke PRINT NAME: William T. Janke

CONSIGNEE:
SIGNATURE:_____ PRINT NAME:_____

NYSEG

(NEW YORK STATE ELECTRIC & GAS CORPORATION)
Licensing & Environmental Operations
Corporate Drive, Kirkwood Industrial Park
P. O. Box 5224, Binghamton, NY, 13902

CONDITIONALLY EXEMPT SOLID WASTE MANIFEST

NYSEG Manifest No. BING-03-03

TRANSPORTER: Page Transportation
P O Box 1290
Weedsport, NY 13166
NYSDEC Permit No. 7A-296

Truck Number: 3905

Date: 10-9-03 Time In: 7 00 Time Out: 8 00

CONSIGNEE: ESMI of New York
304 Towpath Road
Fort Edward, New York 12828

SHIPPER: *NYSEG* (New York State Electric & Gas Corp.)
Corporate Drive, Kirkwood Industrial Park
P.O. Box 5224
Binghamton, NY, 13902

SITE LOCATION: *NYSEG* Binghamton Court Street MGP Site
279-291 Court Street
Binghamton, NY 13903

EPA ID No. NY0000073189

MATERIAL DESCRIPTION:

CONDITIONALLY EXEMPT MGP REMEDIATION WASTE
(PER NYSDEC TAGM 4061)

Weight: Est. 20 tons

SHIPPER:
SIGNATURE: Walt Sa PRINT NAME: WALT SAVICHKY

DRIVER:
SIGNATURE: William T. Jenke PRINT NAME: William T. Jenke

CONSIGNEE:
SIGNATURE: _____ PRINT NAME: _____

NYSEG

(NEW YORK STATE ELECTRIC & GAS CORPORATION)
Licensing & Environmental Operations
Corporate Drive, Kirkwood Industrial Park
P. O. Box 5224, Binghamton, NY, 13902

CONDITIONALLY EXEMPT SOLID WASTE MANIFEST

NYSEG Manifest No. BING-03-03

TRANSPORTER:
Page Transportation
P O Box 1290
Weedsport, NY 13166
NYSDEC Permit No. 7A-296

Truck Number: 3905

Date: 12-10-03 Time In: 7:30 Time Out: 8:00

CONSIGNEE:
ESMI of New York
304 Towpath Road
Fort Edward New York 12828

SHIPPER:
NYSEG (New York State Electric & Gas Corp.)
Corporate Drive, Kirkwood Industrial Park
P.O. Box 5224
Binghamton, NY, 13902

SITE LOCATION:
NYSEG Binghamton Court Street MGP Site
279-291 Court Street
Binghamton, NY 13903

EPA ID No. NY0000073189

MATERIAL DESCRIPTION:

CONDITIONALLY EXEMPT MGP REMEDIATION WASTE
(PER NYSDEC TAGM 4061)

Weight: Est. 20 tons

SHIPPER:
SIGNATURE: Walt S PRINT NAME: WALT SAVICHKY

DRIVER:
SIGNATURE: William T Jeakle PRINT NAME: William T Jeakle

CONSIGNEE:
SIGNATURE:_____ PRINT NAME:_____

Certificate of Treatment & Recycling

ESMI of New York hereby acknowledges the ***Treatment & Recycling***

of 31.28 tons of Coal Tar Contaminated Soils from

Binghamton Court Street MGP

Binghamton, NY

by

Thermal Desorption

Certificate No. 021004-6447

Issued To: New York State Electric & Gas

By:

Peter C. Hansen, Compliance Manager
Environmental Soil Management of New York, LLC.

New York State DEC Permit No. 5-5330-00038/00019

NYSEG

(NEW YORK STATE ELECTRIC & GAS CORPORATION)
Licensing & Environmental Operations
Corporate Drive, Kirkwood Industrial Park
P. O. Box 5224, Binghamton, NY, 13902

NON-HAZARDOUS SOLID WASTE MANIFEST

NYSEG Manifest No. ELM-03-04
BING

TRANSPORTER: Page Transportation
P O Box 1290
Weedsport, NY 13166
NYSDEC Permit No. 7A-296

Truck Number: 3906

Date: 11/3/03 Time In: 4:00 Time Out: 4:30

CONSIGNEE: Seneca Meadows, Inc.
1786 Salcman Road
Waterloo, New York 13165

SHIPPER: *NYSEG* (New York State Electric & Gas Corp.)
Corporate Drive, Kirkwood Industrial Park
P.O. Box 5224
Binghamton, NY, 13902

SITE LOCATION: *NYSEG* Binghamton Court Street
Former Manufactured Gas Plant Site
Madison Avenue
Elmira, NY 14901

EPA ID No. NY0000073789

MATERIAL DESCRIPTION:

CONSTRUCTION & DEMOLITION DEBRIS

Weight: Est. _____ tons

SHIPPER:
SIGNATURE: Walt Savichky PRINT NAME: WALT SAVICHKY

DRIVER:
SIGNATURE: _____ PRINT NAME: RONALD W DUSEN

CONSIGNEE:
SIGNATURE: _____ PRINT NAME: _____

SHIPPER | LOADING

SHIPPER NYSEG

ORIGIN Binghamton NY

TIME IN | TIME OUT | DATE: 11-3

BY _____
PLEASE SIGN FULL NAME – NO INITIALS

BEFORE LOADING – THE FOLLOWING MUST BE COMPLETED:
TRAILER HAS BEEN SWEPT CLEAN, IS FREE FROM FOREIGN MATERIAL AND TARP IS IN ACCEPTABLE CONDITION.

DRIVER SIGNATURE _____ LOADER SIGNATURE _____

COMMODITY Construction + Demolition Debris

CONSIGNEE | UNLOADING

CONSIGNEE Seneca Meadows

TIME IN | TIME OUT | DATE

DESTINATION Waterloo NY

THE PAGE COMPANIES
Trombley Road, P.O. Box 920
Weedsport, New York 13166
(315) 834-6681 • 800-233-2126

TRUCK NO.	DRIVER NAME
3906	DUSTIN

RECEIVED ABOVE MATERIAL IN GOOD ORDER

CONSIGNEE NAME: _____

BY _____
PLEASE SIGN FULL NAME – NO INITIALS

DISPATCH NUMBER
K0278

SHIPPER NUMBER

SHIPPER WEIGHT - LBS.	
G	50,860
T	46020
N	4840

2.42 TN

CONSIGNEE NUMBER

CONSIGNEE WEIGHT - LBS.
G
T
N

CONSIGNEE COPY DELIVERY RECEIPT

cket No:
1344

Seneca Meadows, Inc
1786 Salcman Road
Waterloo, NY 13165

Date: 11/04/2003
Time In: 08:38:12
Time Out: 09:34:16

tomer:
.ER NYSEG ATT BURT FINCH
P.O. BOX 5224
CORPORATE DRIVE
KIRKWOOD INDUSTRIAL PARK
BINGHAMTON, NY 13902

Order No: CD-BRO
Cust Ref#:

C&D BROOME CTY
SWCD1 CONSTRUCT DEBRI

ck Id: 3906

Gross Wt: 50,860 lbs
Tare Wt: 46,020 lbs
Net Wt: 4,840 lbs
2.42 tns

h Master:
In: CARRI 450047
Out: CARRI 450047

Paid: No
Check No:

ver:

rks:

503

STATE OF CONNECTICUT

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Hazardous Waste MANIFEST PROGRAM
79 Elm St., Hartford, CT 06106-5127

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

FOR STATE USE ONLY

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. F000007318S	Manifest Document No. 57793	2. Page of	Information in the shaded areas is not required by Federal law, but may be required by State law.

3. Generator's Name and Mailing Address: New York State Electric & Gas, Attn: Debbie Dunlap, PO Box 5224 Corporated Drive, Binghamton, NY 13902

4. Generator's Phone (607) 762-7747

A. State Manifest Document Number: CT F 1054293

B. G.S.I. (Gen. Site Address): 279-291 Court Street, Binghamton, NY 13902

5. Transporter 1 Company Name: Franks Vacuum Truck Service
6. US EPA ID Number: Y.D.9.8.2.7.9.2.8.1.4.

C. S.T.I. (Trans. Lic. Plate #): AD 76882
D. Tran. Phone (716) 284-2132

7. Transporter 2 Company Name:
8. US EPA ID Number:

E. S.T.I. (Trans. Lic. Plate #):
F. Tran. Phone ( )

9. Designated Facility Name and Site Address: Clean Harbors Of Conn Inc, 51 Broderick Road, Bristol, CT 06010
10. US EPA ID Number: [illegible]

G. State Facility's ID (Not Required):
H. Facility's Phone (860) 584-8017

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. NON D.O.T. REGULATED NA NONE NONE	001	T	1,544	G	EPA NONE; STATE CR03
b.					EPA; STATE
c.					EPA; STATE
d.					EPA; STATE

J. Additional Descriptions for Materials Listed Above
a. 11461(SL) NOT GROUNDWATER NON HAZ
b.
c.
d.

K. Handling Codes for Wastes Listed Above: Interim / Final
a. S02 T03
b.
c.
d.

15. Special Handling Instructions and Additional Information
24 HOUR EMERGENCY # (800) 645-8265
Hazard1102/sb

Point of Departure:

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, and all applicable State laws and regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
GARY H. ROSE AGENT FOR NYSEG	[signature] Agent for NYSEG	07	30	03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
James W. Hoffman	James W Hoffman	07	30	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 hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name	Signature	Month	Day	Year
Michael J Garrity	[signature]	07	31	03

COPY 3: FACILITY TO GENERATOR

CT F 1054293

EPHM-2 REV. 5/97

STATE OF CONNECTICUT

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Hazardous Waste MANIFEST PROGRAM
79 Elm St., Hartford, CT 06106-5127

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

FOR STATE USE ONLY

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. N Y 0 0 0 0 0 2 1 8 8 8 — Manifest Document No. 3 7 2 9 4 — 2. Page 1 of

Information in the shaded areas is not required by Federal law, but may be required by State law

3. Generator's Name and Mailing Address: New York State Electric & Gas, Attn: Debbie Dunlap, PO Box 5224 Corporated Drive, Binghamton, NY 13902

4. Generator's Phone (607) 762-7747

A. State Manifest Document Number: CT F 1054294

B. G.S.E. (Gen. Site Address): 279-291 Court Street, Binghamton, NY 13902

5. Transporter 1 Company Name: Franks Vacuum Truck Service — 6. US EPA ID Number: N Y D 9 8 2 7 9 2 8 1 4

C. S.T.I. (Trans. Lic. Plate #): 576484

7. Transporter 2 Company Name — 8. US EPA ID Number

D. Tran. Phone (718) 384-2132

9. Designated Facility Name and Site Address: Clean Harbors Of Conn Inc, 51 Broderick Road, Bristol CT 06010 — 10. US EPA ID Number: C T D 0 1 0 4 7 4 4 8 8

E. S.T.I. (Trans. Lic. Plate #)

F. Tran. Phone ( )

G. State Facility's ID (Not Required)

H. Facility's Phone (860) 583-8017

11. US DOT Description *(Including Proper Shipping Name, Hazard Class, and ID Number)*	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. NON D.O.T. REGULATED N/A NONE NONE	001	T	0 0 0 0 1 0	G	EPA STATE
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials Listed Above
a. Tox (SL)
b. GCP GROUNDWATER NON-HAZ
c.
d.

K. Handling Codes for Wastes Listed Above — Interim / Final
a. S 0 2 — T 0 3
b.
c.
d.

15. Special Handling Instructions and Additional Information
24 HOUR EMERGENCY #(800) 645-8266
Tox: 001102/ab

NY 94-707 Point of Departure:

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, and all applicable State laws and regulations.

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Printed/Typed Name	Signature	Month	Day	Year
GARY H. KASE AGENT for UYSEG		0 7	3 0	0 7

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
PETER BRIGGS		0 7	3 0	0 7

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 hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name: [illegible] — Signature: [illegible] — Month: 0 7 — Day: 3 0 — Year: 0 7

GENERATOR / TRANSPORTER / FACILITY

COPY 3: FACILITY TO GENERATOR

CT F 1054294

EPHM-2 REV. 5/97

STATE OF CONNECTICUT

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Hazardous Waste MANIFEST PROGRAM
79 Elm St., Hartford, CT 06106-5127

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

D2635977

FOR STATE USE ONLY

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. [redacted] Manifest Document No. 5742.96

2. Page 1 of

Information in the shaded areas is not required by Federal law, but may be required by State law

3. Generator's Name and Mailing Address
New York State Electric & Gas
Attn. Debbie Dunlap, PO Box 5224 Corporated Drive
Binghamton NY 13902

4. Generator's Phone (607) 762-7747

A. State Manifest Document Number: CT F 1054296

B. G.S.I. (Gen. Site Address)
279-291 Court Street
Binghamton NY 13902

5. Transporter 1 Company Name: Clean Harbors Env Services Inc

6. US EPA ID Number: M A D 0 3 9 3 2 2 2 5 0

C. S.T.I. (Trans. Lic. Plate #) 619476 ME

7. Transporter 2 Company Name

8. US EPA ID Number

D. Tran. Phone (781 849-1800

E. S.T.I. (Trans. Lic. Plate #)

F. Tran. Phone ( )

9. Designated Facility Name and Site Address
Clean Harbors Of Conn Inc
151 Broderick Road
Bristol CT 06010

10. US EPA ID Number [redacted]

G. State Facility's ID (Not Required)

H. Facility's Phone (860) 583-3017

11. US DOT Description *(Including Proper Shipping Name, Hazard Class, and ID Number)*	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. [illegible] NOT REGULATED FOR NON HAZ	00	TM	50.00		EPA NONE STATE 0504
b.					EPA STATE
c.					EPA STATE
d.					EPA STATE

J. Additional Descriptions for Materials Listed Above
1) SLA
MGP GROUNDWATER NON HAZ

K. Handling Codes for Wastes Listed Above

	Interim	Final		Interim	Final
a.	T03	T43	c.		
b.			d.		

15. Special Handling Instructions and Additional Information
24 HOUR EMERGENCY (800) 645-8265
WO# D2635977

Point of Departure:

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, and all applicable State laws and regulations.

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Printed/Typed Name	Signature	Month	Day	Year
GARY H. ROSE (AGENT FOR NYSEG)	AGENT FOR NYSEG	07	30	03

GENERATOR

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
JOSE M. FARTURA		07	30	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

TRANSPORTER

19. Discrepancy Indication Space

FACILITY

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

Printed/Typed Name	Signature	Month	Day	Year
E. L. M Albertx		07	30	03

IN CASE OF ACCIDENT OR SPILL, CONTACT THE NATIONAL RESPONSE CENTER, U.S. COAST GUARD 1-800-424-8802. FOR SPILLS WITHIN CONNECTICUT CONTACT CT DEP - OIL AND CHEMICAL SPILL RESPONSE AT (860) 424-3338

CT F 1054296

EPHM-2 REV. 5/97 #340 FRONT AND REAR TANKS

STATE OF CONNECTICUT
DEPARTMENT OF ENVIRONMENTAL PROTECTION
Hazardous Waste MANIFEST PROGRAM
79 Elm St., Hartford, CT 06106-5127

FOR STATE USE ONLY

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

FOR SPILLS WITHIN CONNECTICUT, CONTACT CT DEP OIL AND CHEMICAL SPILL RESPONSE AT (860) 424-3338

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator's US EPA ID No. NYD000 [illegible] Manifest Document No. 54297	2. Page 1 of — Information in the shaded areas is not required by Federal law, but may be required by State law.
3. Generator's Name and Mailing Address: New York State Electric & Gas, Attn: Debbie Dunlap, PO Box 5224 Corporated Drive, Binghamton, NY 13902		A. State Manifest Document Number CT F 1054297
4. Generator's Phone (607) 762-7747		B. G.S.I. (Gen. Site Address) 279-291 Court Street Binghamton, NY 13902
5. Transporter 1 Company Name: Clean Harbors Env Services Inc	6. US EPA ID Number: MAD039322250	C. S.T.I. (Trans. Lic. Plate #) 674130/ME
		D. Tran. Phone (781) 849-1800
7. Transporter 2 Company Name	8. US EPA ID Number	E. S.T.I. (Trans. Lic. Plate #)
		F. Tran. Phone ( )
9. Designated Facility Name and Site Address: Clean Harbors Of Conn Inc, 51 Broderick Road, Bristol CT 06010	10. US EPA ID Number: CTD000604488	G. State Facility's ID (Not Required)
		H. Facility's Phone (860) 583-8917

11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. NON D.O.T. REGULATED N/A, NONE NONE	001	TT	4986	G	EPA NONE; STATE CR04
b.					EPA; STATE
c.					EPA; STATE
d.					EPA; STATE

RECEIVED AUG 12 2003 LEO DEPT.

GA

GENERATOR

J. Additional Descriptions for Materials Listed Above		K. Handling Codes for Wastes Listed Above
a. (SE) MGP GROUNDWATER NONHAZ	c.	a. S02 T23 c.
b.	d.	b. d.

15. Special Handling Instructions and Additional Information
24 HOUR EMERGENCY # (800) 645-8265
List: CH1102780

WO# d2635969

~~[illegible]~~

Point of Departure:

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations, and all applicable State laws and regulations.

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Printed/Typed Name	Signature	Month	Day	Year
GARY H. ROSE (AGENT FOR NYSEG)	[signature] AGENT FOR NYSEG	07	30	03

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Jeffry CARPENTER	[signature]	07	30	03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Month	Day	Year
[signature]	[signature]	07	30	03

CT F 1054297

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau C, 11th Floor
625 Broadway, Albany, New York 12233-7014
Phone: (518) 402-9662 • **FAX:** (518) 402-9679
Website: www.dec.state.ny.us

Denise M. Sheehan
Acting
Commissioner

April 29, 2005

LETTER FAXED

Mr. Bert Finch
Remediation Project Manager
New York State Electric & Gas Corporation
Corporate Drive, Kirkwood Industrial Park,
P.O. Box 5224
Binghamton, New York 13902

Re: Engineer's Certification / Draft Documentation Report Approval
for 66" Storm Drain Liner Interim Remedial Measure
Binghamton - Court Street, Former MGP

Dear Mr. Finch:

The New York State Department of Environmental Conservation (DEC) and the New York State Department of Health (DOH) reviewed the aforementioned Draft Documentation Report and certification. The draft document is acceptable. The certification satisfies DEC requirements.

As discussed, NYSEG will submit the final report with the approved certification.

If you have any questions please call me at (518) 402-9662.

Sincerely,

Anthony Karwiel

Anthony Karwiel
Project Manager
Remedial Bureau "C"

cc: J. Simone,P.E., NYSEG
K. White, BBL

ecc: J. Guastella, NYSDOH
G. Laccetti, NYSDOH
M.J. Peachey, NYSDEC, Region 7
R. Denz / R. Brink, BCDOH