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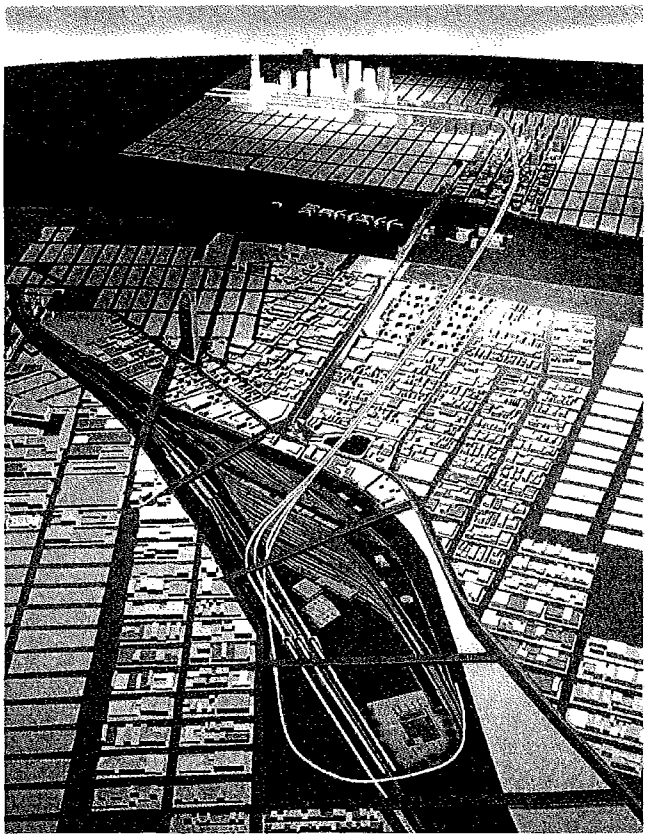

Long Island Rail Road
East Side Access

90% Submittal

Supplemental Environmental Site Investigation Findings Report Summary

Contract CH053

Harold Structures - Part 1

September 2006

Metropolitan Transportation Authority
Capital Construction
State of New York

EAST SIDE ACCESS PROJECT

SUPPLEMENTAL ENVIRONMENTAL SITE INVESTIGATION FINDINGS REPORT SUMMARY FOR CONSTRUCTION CONTRACT CH053 HAROLD STRUCTURES PART I (90% SUBMITTAL)

September 2006

Prepared by General Engineering Consultant
(Parsons Brinckerhoff Quade & Douglas, Inc. / STV Incorporated / Parsons Transportation Group)
Prepared for MTA/LIRR East Side Access Project

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SUPPLEMENTAL ENVIRONMENTAL SITE INVESTIGATION
FINDINGS REPORT SUMMARY
FOR
CONSTRUCTION CONTRACT CH053
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1.0 INTRODUCTION

The Metropolitan Transportation Authority/Long Island Rail Road (MTA/LIRR) has contracted the team of Parsons Brinckerhoff Quade & Douglas, Inc., STV Incorporated, and Parsons Transportation Group (PB/STV/PTG) to provide tunnel and systems engineering consulting services for the East Side Access Project (the Project). The PB/STV/PTG team is known as the General Engineering Consultant (GEC). The GEC is responsible for providing the conceptual design, preliminary and final design engineering, construction phase services (including pre-construction environmental assessments), and coordination services for the Project. The GEC's work is conducted under the direction of the Program Management (PM). Other Project consultants include the Environmental Consultant (EC), involved with the preparation of the Draft Environmental Impact Statement (DEIS) and Final Environmental Impact Statement (FEIS). The completed Project will provide direct LIRR service into Manhattan's Grand Central Terminal (GCT) and a new LIRR Sunnyside Station located in western Queens County, New York.

During Project Phases I, IA, and II, the GEC completed Environmental Site Investigations (ESIs) within the Project's proposed right-of-ways (ROWs) and replacement rail yards. The ROWs are known as the Manhattan Alignment with GCT and the Queens Alignment with Sunnyside Yard, the Existing Rail Yard, Harold Interlocking, and Sunnyside Station (refer to Figure 1 for locations). The replacement yards include Highbridge Yard and Grand Central Terminal Rail Yard. The results of the Phase I ESIs were issued in separate Findings Reports for each area of investigation. The results of ESIs completed during project Phase IA were issued in separate Environmental Findings Report Summaries (FRS's) for each construction contract.

An agreement between MTA/LIRR and the National Railroad Passenger Corporation (Amtrak) was executed on January 10, 2006, otherwise known as the "Amtrak Agreement" (MTA Capital Construction, 2006). This agreement represents an agreed-upon alignment (14-4M), provides for full access to Harold Interlocking and facilitates the path forward for the Project. As such, Project ESI areas which were previously not fully characterized due to access limitations or subsequent design modifications related to Revision 10 and 14 alignment changes are now

accessible. Supplemental ESI areas are based on the Alignment Revision 14 Queens Contracts as defined in the Contract Packaging Plan (GEC, 2004; 2006).

2.0 SCOPE OF WORK

Construction elements included in Contract CH053 are listed below and shown on Figures 2 to 6.

- Retaining Wall HON-N1 between Honeywell and 39th Street
- Retaining Wall 39-N2 at 39th Street
- Retaining Wall 43-N1 west of 43rd Street
- Retaining Wall 43-N2 east of 43rd Street
- Westbound Bypass Bridge at 43rd Street
- Retaining Wall 39-S1, 39-S2, and 39-S3 west of 39th Street
- Retaining Wall 43-S2 west of 43rd Street
- Retaining Wall 48-S1 east of 48th Street
- 39th Street Bridge Pier Replacement
- Approach Structure for LIRR Track A
- TBM Reception Pit A
- 60-Inch Micro-tunnel for 18-Inch Storm Sewer and 12kV line
- 18-Inch Storm Sewer west of 39th Street
- 12kV Ductbank
- Signal Casing Pipe located south of new Harold Master Central Instrument Location (CIL)
- Crushed Stone Road for new Harold Master CIL
- Harold Interlocking Access Bridge and associated roadway/utilities
- Retaining walls adjacent to Harold Interlocking Access Bridge
- G02 Substation
- Demolition - includes the buildings on the Matura Properties, Site electrical structures including but not limited to electrical poles, signal towers, transmission towers, catenary poles and electrical boxes, and Site utilities including but not limited to piping, pipe insulation, utility ducts, and old sewer pipes.

The supplemental environmental investigation proposed for Contract CH053 includes the advancement of 25 hand-augered borings and 6 drilled borings with the collection of 36 soil samples and 7 groundwater samples. Assessments for lead based paint (LBP), suspect asbestos

containing material (ACM) and universal waste were conducted at the Matura Buildings and any other structures scheduled for demolition or alteration under the Contract. The latter includes 87 electrical poles and 34 signal towers which were assessed for ACM and LBP during the initial Sunnyside Yard ESI (TE, 2002b).

At the time of this report, 23 hand-augered borings and 6 drilled borings with the collection of 34 soil samples and 2 groundwater samples were collected for this Contract CH053 supplemental environmental site investigation. Additionally, an environmental assessment of the Matura Property was completed that included a Phase I investigation (TE, 2003) and a LBP and ACM investigation (Matrix, 2004). The remaining work proposed for CH053 has not been completed due to Project design changes and because some of the monitoring wells have been difficult to locate.

This report details the findings of the Contract CH053 supplemental environmental investigation and information relevant to the construction activities proposed under Contract CH053. Additional information applicable to the elements of Contract CH053 are also presented from investigations previously documented including the following sources: Findings Report for the Environmental Site Investigation of the Existing Rail Yard (TE, 2002a), Findings Report for the Environmental Site Investigation of the Sunnyside Yard and Harold Interlocking (TE, 2002b), Supplemental Environmental Site Investigation Findings Report Summary for Construction Contract CQ030 (TE, 2002c), Amtrak Sunnyside Yard Soil and Groundwater Data Summary (Roux, 2004), and the Supplemental Environmental Site Investigation Findings Report Summary for Contract CH053 (GEC, 2004). The latter supplemental ESI was prepared using available historical Project environmental information since access to the site area was not authorized by the owner at that time.

3.0 FINDINGS

3.1 Field Procedures

This section describes utility clearance procedures, (sample collection procedures) field methods, and type of sampling to be done in each construction area.. Environmental media sampled, sample name, sample depth, sample location, sample date, analytical parameters and the corresponding design element are provided in Table 1. Sample locations are provided on the Environmental Boring Location Plans, Figures 3 through 7. Field activities were conducted in accordance with the sampling and analysis plan (TE, 2002c; GEC, 2006) and health and safety plan (HASP).

3.1.1 Utility Clearance

Utility clearance was conducted prior to the subsurface investigation. The drilling subcontractor notified utilities and agencies having jurisdiction under the New York State Industrial Code Rule 53 for subsurface utility mark-outs. Subsurface investigative work was conducted in accordance with applicable New York State Department of Environmental Conservation (NYSDEC) protocol and applicable Project protocol, safety, and emergency procedures (MTA/LIRR, 2000, 2002). To insure the clearance of shallow subsurface utilities, borings were hand-augered to a depth of 6 feet below grade (ft-bg) prior to the commencement of powered drilling or digging. If any subsurface utilities were encountered, then the boring or test pit location was abandoned and relocated.

3.1.2 Soil Boring Installation and Soil Sample Collection

Soil borings were advanced and soil samples were collected according to the following steps:

- Material within the first 6 feet below surface level was cleared or recovered with a precleaned, stainless-steel hand auger (MTA/LIRR, 2000).

- Soil sample collection for laboratory analysis commenced immediately after the removal of any surface or near surface concrete, asphalt, road base, or ballast material.
- Powered borings below a depth of 6 feet were advanced with a hollow stem auger (HSA) drill rig.
- Soil samples below 6 feet depth were recovered utilizing a stainless-steel spoon sampler that will be properly decontaminated following each use.
- Recovered samples were field screened for VOCs with photo-ionization detector (PID).
- Observations of all recovered material were recorded in boring logs for each boring location.

Two hand-augered borings were collected on April 21, 2004 to characterize soil in the area east of 43rd Street at locations GE-53-9 and GE-53-10.

One hand-augered and drilled boring was collected on August 17, 2005 to characterize soil in the area south of loop 1 and west of Honeywell at location CV-1

Six hand-augered borings were collected on March 27, 2006 to characterize soil in the areas of the Honeywell Street, 39th Street, and 43rd Street Bridges at locations GE-53-8, GE-53-21, GE-53-22, GE-53-23, GE-53-24, and GE-53-25.

Five hand-augered borings were collected on April 3, 2006 to characterize soil along the access road and ramp of the 39th Street at locations GE-53-1, GE-53-4, GE-53-6, GE-53-7, and GE-53-16.

Two hand-augered borings were collected on June 12, 2006 to characterize soil in the area in the area south of loop 1 and west of Honeywell at location CV-2 and west of Honeywell and Skillman at location UT-10.

One hand-augered boring was collected on June 14, 2006 to characterize soil in the area west of Loop A at location WB-4.

Five hand-augered borings were collected on June 28, 2006 to characterize soil south of the LI FRT at locations GE-53-11, GE-53-12, and GE-53-13, at location GE-54-9 at access road south of LOOP 1, and at location GE-54-10 west of new Harold access bridge.

Four hand-augered borings were collected on July 19, 2006 to characterize soil at the Yard access road at locations GE-53-17, GE-53-18, GE-53-19, and GE-53-20.

Two hand-augered and drilled (hollow stem auger) borings were collected on July 26, 2006 to characterize soil in the area north of Line 4 at locations GE-53-3 and GE-53-5. Boring GE-53-3 was advanced to 25 feet below grade surface (ft-bgs) and boring GE-53-5 was advanced to 20 ft-bgs.

All soil samples were submitted for laboratory analysis of target compound list (TCL) volatile organic compounds (VOCs), TCL semivolatile organic compounds (SVOCs), TCL polychlorinated biphenyls (PCBs), and total RCRA metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium and silver). Samples GE-53-9, GE-53-10 and CV-1 were also analyzed for toxicity characteristic leaching procedure (TCLP) RCRA metals. Boring logs are presented in Appendix A.

3.1.3 Groundwater Sample Collection

Groundwater samples were collected from existing geotechnical and environmental wells. Prior to groundwater sampling, the wells were monitored for total depth, depth to water, depth to NAPL, if any is present, and water quality parameters. Then, a bailer or submersible pump was utilized to purge the well of approximately three well volumes. All field measurements at each sampling location were recorded in a bound field

notebook. Samples were submitted for laboratory analysis of TCL VOCs, TCL SVOCs, and filtered and unfiltered target analyte list (TAL) metals.

Two groundwater samples were collected. One groundwater sample was collected on October 16, 2003 using geotechnical well SY-135W (also known as TE-MW-A-3) to characterize groundwater in the vicinity of the LIRR Track A TBM portal. One groundwater sample was collected on August 16, 2006 using geotechnical well SY-178W to characterize the retaining wall 3B east of 39th Street.

3.1.4 Lead and Asbestos Survey

A survey for LBP and ACM was conducted for the structures with potential LBP and/or ACM that will be affected by the proposed construction. Suspect LBP and ACM was categorized and grouped by homogeneous area and then each area will be sampled randomly. Bulk sampling was conducted on all suspected LBP and ACM. All inspection, testing, design and construction management services associated with lead and asbestos surveying was completed according to applicable regulations, standards and generally accepted environmental and safety practices.

3.2 Soil Results

Soil sample results for VOCs, SVOCs, PCBs, total RCRA metals, and TCLP total metals are provided in this section. Soil sample analytical results are provided in Tables 2 through 6. Sample locations are provided on the Environmental Boring Location Plans, Figures 3 through 7. The complete laboratory reports are provided in Appendix B for soil.

3.2.1 VOCs

1,1-Dichloroethene was detected in soil sample GE-53-10 at 0.8 micrograms per kilogram (ug/Kg) (an estimated value).

2-Butanone was detected in soil sample GE-53-10 at 8.1 ug/Kg.

Acetone was detected in the following soil samples: GE-53-5 (6 feet) at 44 ug/Kg; GE-53-9 at 25 ug/Kg; GE-53-10 at 52 ug/Kg; GE-53-13 at 70 ug/Kg (an estimated value); GE-53-17 at 40 ug/Kg (an estimated value); GE-53-18 at 36 ug/Kg (an estimated value); GE-53-19 at 37 ug/Kg (an estimated value); GE-53-20 at 36 ug/Kg (an estimated value); GE-54-9 at 57 ug/Kg (an estimated value); CV-1 (15 feet) at 6.3 ug/Kg (an estimated value); CV-2 (5 feet) at 79 ug/Kg (an estimated value); UT-10 at 68 ug/Kg (an estimated value); WB-4 (5 feet) at 70 ug/Kg (an estimated value); and WB-4 (12 feet) at 71 ug/Kg (an estimated value);

Cyclohexane was detected in soil sample CV-2 (5 feet) at 6.1 ug/Kg and in soil sample UT-10 at 5.8 ug/Kg. Both were flagged as estimated values.

Methylene chloride was detected in the following soil samples: GE-53-9 at 0.6 ug/Kg (an estimated value); GE-53-10 at 0.5 ug/Kg (an estimated value); GE-53-11 at 17 ug/Kg (an estimated value); GE-53-12 at 17 ug/Kg (an estimated value); GE-53-13 at 48 ug/Kg; GE-54-9 at 58 ug/Kg; GE-54-10 at 52 ug/Kg; CV-1 (5 feet) at 5.7 ug/Kg (an estimated value); and CV-1 (15 feet) at 7.2 ug/Kg.

Toluene was detected in soil sample GE-53-13 at 7.9 ug/Kg (an estimated value).

Xylenes were detected in soil sample GE-53-10 at 1.4 ug/Kg (an estimated value).

All results for VOCs are presented in Table 2.

3.2.2 SVOCs

2-Methylnaphthalene was detected in soil sample GE-53-1 at 210 ug/Kg; GE-53-18 at 78 ug/Kg; and GE-53-19 at 60 ug/Kg. All values were estimated below the detection level.

Acenaphthene was detected in soil sample GE-53-10 at 12 ug/Kg (an estimated value).

Acenaphthalylene was detected in soil sample GE-53-5 (18-20 feet) at 73 ug/Kg; GE-53-9 at 28 ug/Kg; GE-53-10 at 9.1 ug/Kg; GE-53-18 at 310 ug/Kg; and GE-53-19 at 88 ug/Kg. All values were estimated below the detection level.

Anthracene was detected in the following soil samples: GE-53-1 at 96 ug/Kg (an estimated value); GE-53-3 (12-14 feet) at 57 ug/Kg; GE-53-4 at 84 ug/Kg; GE-53-5 (18-20 feet) at 160 ug/Kg; GE-53-9 at 28 ug/Kg; GE-53-10 at 42 ug/Kg; GE-53-16 at 56 ug/Kg; GE-53-18 at 280 ug/Kg; GE-53-19 at 90 ug/Kg; GE-53-25 at 92 ug/Kg; and WB-4 (10-12 feet) at 140 ug/Kg. All values were estimated below the detection level.

Benzaldehyde was detected in soil sample GE-53-23 at 130 ug/Kg (an estimated value).

Benzo(a)anthracene, a potentially carcinogenic polyaromatic hydrocarbon (cPAH), was detected in the following soil samples: GE-53-1 at 1100 ug/Kg; GE-53-3 (0-5 feet) at 550 ug/Kg (an estimated value); GE-53-3 (12-14 feet) at 180 ug/Kg (an estimated value); GE-53-4 at 480 ug/Kg; GE-53-5 (18-20 feet) at 260 ug/Kg (an estimated value); GE-53-9 at 110 ug/Kg; GE-53-10 at 85 ug/Kg; GE-53-13 at 540 ug/Kg (an estimated value); GE-53-16 at 270 ug/Kg (an estimated value); GE-53-18 at 1400 ug/Kg; GE-53-19 at 460 ug/Kg; GE-53-20 at 140 ug/Kg (an estimated value); GE-53-25 at 370 ug/Kg; GE-54-9 at 190 ug/Kg (an estimated value); and WB-4 (10-12 feet) at 170 ug/Kg (an estimated value);

Benzo(a)pyrene, a cPAH, was detected in the following soil samples: GE-53-1 at 800 ug/Kg; GE-53-3 (0-5 feet) at 550 ug/Kg (an estimated value); GE-53-3 (12-14 feet) at 250 ug/Kg (an estimated value); GE-53-4 at 380 ug/Kg; GE-53-5 (18-20 feet) at 280 ug/Kg (an estimated value); GE-53-9 at 120 ug/Kg; GE-53-10 at 84 ug/Kg; GE-53-13 at 380 ug/Kg (an estimated value); GE-53-16 at 270 ug/Kg (an estimated value); GE-53-18 at 2000 ug/Kg; GE-53-19 at 360 ug/Kg; GE-53-20 at 130 ug/Kg (an estimated value); GE-53-25 at 360 ug/Kg (an estimated value); GE-54-9 at 150 ug/Kg (an estimated value); and WB-4 (10-12 feet) at 110 ug/Kg (an estimated value);

Benzo(b)fluoranthene, a cPAH, was detected in the following soil samples: GE-53-1 at 1300 ug/Kg; GE-53-3 (0-5 feet) at 1200 ug/Kg (an estimated value); GE-53-3 (12-14 ft) at 330 ug/Kg (an estimated value); GE-53-4 at 630 ug/Kg; GE-53-5 (18-20 feet) at 380 ug/Kg; GE-53-9 at 120 ug/Kg; GE-53-10 at 80 ug/Kg; GE-53-13 at 640 ug/Kg (an estimated value); GE-53-16 at 650 ug/Kg; GE-53-17 at 84 ug/Kg (an estimated value); GE-53-18 at 3400 ug/Kg (an estimated value); GE-53-19 at 740 ug/Kg; GE-53-20 at 250 ug/Kg (an estimated value); GE-53-25 at 760 ug/Kg; GE-54-9 at 260 ug/Kg (an estimated value); GE-54-10 at 62 ug/Kg (an estimated value); and WB-4 (10-12 feet) at 120 ug/Kg (an estimated value);

Benzo(g,h,i)perylene was detected in the following soil samples: GE-53-1 at 210 ug/Kg (an estimated value); GE-53-3 (12-14 feet) at 120 ug/Kg (an estimated value); GE-53-4 at 70 ug/Kg (an estimated value); GE-53-5 (18-20 feet) at 140 ug/Kg (an estimated value); GE-53-9 at 76 ug/Kg (an estimated value); GE-53-10 at 46 ug/Kg (an estimated value); GE-53-18 at 1300 ug/Kg; GE-53-19 at 270 ug/Kg (an estimated value); GE-53-20 at 82 ug/Kg (an estimated value); GE-53-25 at 100 ug/Kg (an estimated value); and GE-54-9 at 86 ug/Kg (an estimated value).

Benzo(k)fluoranthene, a cPAH, was detected in the following soil samples: GE-53-1 at 320 ug/Kg; GE-53-3 (0-5 feet) at 410 ug/Kg; GE-53-3 (12-14 ft) at 130 ug/Kg; GE-53-4 at 250 ug/Kg; GE-53-5 (18-20 feet) at 150 ug/Kg; GE-53-9 at 140 ug/Kg; GE-53-10 at 96 ug/Kg; GE-53-11 at 100 ug/Kg; GE-53-12 at 96 ug/Kg; GE-53-13 at 660 ug/Kg; GE-53-16 at 270 ug/Kg; GE-53-18 at 1200 ug/Kg; GE-53-19 at 270 ug/Kg; GE-53-20 at 98 ug/Kg; GE-53-25 at 250 ug/Kg; GE-54-9 at 170 ug/Kg; GE-54-10 at 120 ug/Kg; CV-2 (0-5 feet) at 85 ug/Kg; UT-10 at 95 ug/Kg; and WB-4 (0-5 feet) at 85 ug/Kg. All values were estimated below the detection level except for GE-53-9, GE-53-10 and GE-53-18.

Bis(2-ethylhexyl)phthalate was detected in the following soil samples: GE-53-1 (0-5 ft) at 170 ug/Kg; GE-53-3 (25-27 feet) at 230 ug/Kg; GE-53-4 at 280 ug/Kg; GE-53-5 (18-20 ft) at 140 ug/Kg; GE-53-6 at 190 ug/Kg; GE-53-7 at 110 ug/Kg; GE-53-8 at 96 ug/Kg; GE-53-16 at 440 ug/Kg; GE-53-17 at 180 ug/Kg; GE-53-19 at 170 ug/Kg; GE-

53-22 at 140 ug/Kg; GE-53-24 at 87 ug/Kg; GE-53-25 at 120 ug/Kg; GE-54-9 at 72 ug/Kg; and WB-4 (0-5 feet) at 190 ug/Kg. All values were estimated below the detection level except for GE-53-16.

Butylbenzylphthalate was detected in soil sample GE-53-16 at 66 ug/Kg (an estimated value.

Carbazole was detected in the following soil samples: GE-53-5 (18-20 feet) at 110 ug/Kg; GE-53-9 at 13 ug/Kg; GE-53-10 at 20 ug/Kg; and GE-53-25 at 61 ug/Kg. All values were estimated below the detection level.

Chrysene, a cPAH, was detected in the following soil samples: GE-53-1 at 1100 ug/Kg; GE-53-3 (0-5 feet) at 670 ug/Kg (an estimated value); GE-53-3 (12-14 feet) at 210 ug/Kg (an estimated value); GE-53-4 at 600 ug/Kg; GE-53-5 (18-20 feet) at 280 ug/Kg; GE-53-9 at 140 ug/Kg (an estimated value); GE-53-10 at 120 ug/Kg (an estimated value); GE-53-13 at 520 ug/Kg (an estimated value); GE-53-16 at 350 ug/Kg (an estimated value); GE-53-18 at 1700 ug/Kg; GE-53-19 at 470 ug/Kg; GE-53-20 at 180 ug/Kg (an estimated value); GE-54-9 at 220 ug/Kg (an estimated value); and WB-4 (10-12 feet) at 150 ug/Kg (an estimated value).

Dibenzo(a,h)anthracene, a cPAH, was detected in soil sample GE-53-10 at 24 ug/Kg (an estimated value).

Dibenzofuran was detected in soil sample GE-53-1 (0-5 feet) at 65 ug/Kg and in soil sample GE-53-18 at 61 ug/Kg. All values were estimated below the detection level.

Di-n-butyl phthalate was detected in soil sample GE-53-20 at 260 ug/Kg and in soil sample GE-53-25 at 170 ug/Kg. All values were estimated below the detection level.

Fluoranthene was detected in the following soil samples: GE-53-1 at 1400 ug/Kg; GE-53-3 (0-5 feet) at 860 ug/Kg (an estimated value); GE-53-3 (12-14 feet) at 380 ug/Kg; GE-

53-4 at 550 ug/Kg; GE-53-5 (18-20 feet) at 680 ug/Kg; GE-53-9 at 200 ug/Kg (an estimated value); GE-53-10 at 220 ug/Kg (an estimated value); GE-53-13 at 960 ug/Kg; GE-53-16 at 370 ug/Kg; GE-53-18 at 1100 ug/Kg; GE-53-19 at 780 ug/Kg; GE-53-20 at 320 ug/Kg (an estimated value); GE-53-25 at 780 ug/Kg; GE-54-9 at 370 ug/Kg (an estimated value); GE-54-10 at 72 ug/Kg (an estimated value); and WB-4 (10-12 feet) at 380 ug/Kg (an estimated value).

Fluorene was detected in soil sample GE-53-10 at 18 ug/Kg (an estimated value).

Indeno(1,2,3-cd)pyrene, a cPAH, was detected in the following soil samples: GE-53-1 at 92 ug/Kg (an estimated value); GE-53-3 (0-5 feet) at 670 ug/Kg (an estimated value); GE-53-3 (12-14 feet) at 200 ug/Kg (an estimated value); GE-53-5 (18-20 feet) at 230 ug/Kg (an estimated value); GE-53-9 at 74 ug/Kg; GE-53-10 at 41 ug/Kg; GE-53-18 at 660 ug/Kg; GE-53-19 at 130 ug/Kg (an estimated value); GE-53-20 at 68 ug/Kg (an estimated value); GE-54-9 at 62 ug/Kg (an estimated value); and WB-4 (10-12 feet) at 79 ug/Kg (an estimated value).

Naphthalene was detected in the following soil samples: GE-53-1 (0-5 ft) at 460 ug/Kg; GE-53-5 (18-20 feet) at 78 ug/Kg (an estimated value); GE-53-9 at 9.4 ug/Kg (an estimated value); GE-53-18 at 160 ug/Kg (an estimated value); and GE-53-19 at 140 ug/Kg (an estimated value).

Phenanthrene was detected in the following soil samples: GE-53-1 at 550 ug/Kg; GE-53-3 (12-14 feet) at 240 ug/Kg (an estimated value); GE-53-4 at 760 ug/Kg; GE-53-5 (18-20 feet) at 610 ug/Kg; GE-53-9 at 88 ug/Kg (an estimated value); GE-53-10 at 150 ug/Kg (an estimated value); GE-53-13 at 610 ug/Kg (an estimated value); GE-53-16 at 260 ug/Kg (an estimated value); GE-53-18 at 250 ug/Kg (an estimated value); GE-53-19 at 170 ug/Kg (an estimated value); GE-53-20 at 260 ug/Kg (an estimated value); GE-53-25 at 580 ug/Kg; GE-54-9 at 210 ug/Kg (an estimated value); and WB-4 (10-12 feet) at 410 ug/Kg (an estimated value);

Pyrene was detected in the following soil samples: GE-53-1 at 2700 ug/Kg; GE-53-3 (0-5 feet) at 990 ug/Kg (an estimated value); GE-53-3 (12-14 feet) at 330 ug/Kg (an estimated value); GE-53-4 at 2000 ug/Kg; GE-53-5 (18-20 feet) at 550 ug/Kg; GE-53-6 at 130 ug/Kg (an estimated value); GE-53-9 at 190 ug/Kg (an estimated value); GE-53-10 at 180 ug/Kg (an estimated value); GE-53-13 at 1200 ug/Kg (an estimated value); GE-53-16 at 820 ug/Kg; GE-53-18 at 2800 ug/Kg; GE-53-19 at 1100 ug/Kg; GE-53-20 at 250 ug/Kg (an estimated value); GE-53-25 at 1200 ug/Kg; GE-54-9 at 420 ug/Kg; GE-54-10 at 70 ug/Kg (an estimated value); and WB-4 (10-12 feet) at 330 ug/Kg (an estimated value).

Total cPAH concentrations were tallied for each soil sample for the seven potentially carcinogenic PAHs, i.e., benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k) fluoranthene; chrysene, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene. cPAHs were detected in all soil samples except for GE-53-3 (25-27 feet), GE-53-5 (0-6 feet), GE-53-7, GE-53-8, GE-53-12, GE-53-21, GE-53-22, GE-53-23, GE-53-24, and CV-1 (5-7 and 15-17 feet).

Benzoic acid, pentachlorophenol and phenol were not detected in the soil samples.

All results for SVOCs are presented in Table 3.

3.2.3 PCBs

Aroclor 1254 was detected in soil sample GE-53-3 (12-14 feet) at 320 ug/Kg and in soil sample GE-53-25 at 79 ug/Kg.

Aroclor 1260 was detected in the following soil samples: GE-53-3 (0-5 feet) at 2,200 ug/Kg; GE-53-13 at 990 ug/Kg; GE-53-16 at 170 ug/Kg; GE-53-17 at 90 ug/Kg; GE-53-18 at 4,100 ug/Kg; GE-53-19 at 200 ug/Kg; GE-54-9 at 71 ug/Kg; GE-54-10 at 83 ug/Kg; and UT-10 at 43 ug/Kg.

Total PCBs are as follows for each soil sample: GE-53-3 (0-5 feet) at 2,520 ug/Kg; GE-53-13 at 990 ug/Kg; GE-53-16 at 170 ug/Kg; GE-53-17 at 90 ug/Kg; GE-53-18 at 4,100 ug/Kg; GE-53-19 at 200 ug/Kg; GE-53-25 at 79 ug/Kg; GE-54-9 at 71 ug/Kg; GE-54-10 at 83 ug/Kg; and UT-10 at 43 ug/Kg.

All results for PCBs are presented in Table 4.

3.2.4 Total RCRA Metals

Total arsenic was detected in the following soil samples: GE-53-1 at 5.30 ug/Kg; GE-53-3 (0-5 ft) at 11.10 ug/Kg; GE-53-3 (12-14 ft) at 1.650 ug/Kg; GE-53-4 at 7.40 ug/Kg; GE-53-5 (0-6 ft) at 2.750 ug/Kg; GE-53-5 (18-20 ft) at 1.900 ug/Kg; GE-53-6 at 3.0 ug/Kg; GE-53-7 at 1.4 ug/Kg; GE-53-8 at 2.10 ug/Kg; GE-53-11 at 7.750 ug/Kg (an estimated value); GE-53-12 at 0.825 ug/Kg; GE-53-13 at 13.8 ug/Kg (an estimated value); GE-53-16 at 6.7 ug/Kg; GE-53-17 at 4.180 ug/Kg; GE-53-18 at 6.220 ug/Kg; GE-53-19 at 1.730 ug/Kg; GE-53-20 at 4.280 ug/Kg; GE-53-21 at 1.20 ug/Kg; GE-53-22 at 2.00 ug/Kg; GE-53-23 at 2.30 ug/Kg; GE-53-24 at 1.70 ug/Kg; GE-53-25 at 2.50 ug/Kg; GE-54-9 at 4.520 ug/Kg (an estimated value); GE-54-10 at 2.960 ug/Kg (an estimated value); CV-2 (0-5 feet) at 1.320 ug/Kg; UT-10 at 2.380 ug/Kg; WB-4 (0-5 ft) at 1.780 ug/Kg; and WB-4 (10-12 ft) at 0.572 ug/Kg.

Total barium was detected in the following soil samples: GE-53-1 at 50.4 ug/Kg; GE-53-3 (0-5 ft) at 62.0 ug/Kg (an estimated value); GE-53-3 (12-14 ft) at 38.9 ug/Kg (an estimated value); GE-53-3 (25-27 ft) at 36.9 ug/Kg (an estimated value); GE-53-4 at 41.0 ug/Kg; GE-53-5 (0-6 ft) at 42.1 ug/Kg (an estimated value); GE-53-5 (18-20 ft) at 38.2 ug/Kg; GE-53-6 at 36.2 ug/Kg; GE-53-7 at 30.7 ug/Kg; GE-53-8 at 32.3 ug/Kg; GE-53-11 at 30.8 ug/Kg (an estimated value); GE-53-12 at 27.3 ug/Kg (an estimated value); GE-53-13 at 73.6 ug/Kg (an estimated value); GE-53-16 at 79.10 ug/Kg; GE-53-17 at 36.3 ug/Kg; GE-53-18 at 31.7 ug/Kg; GE-53-19 at 29.1 ug/Kg; GE-53-20 at 44.2 ug/Kg; GE-53-21 at 28.20 ug/Kg; GE-53-22 at 46.50 ug/Kg; GE-53-23 at 34.00 ug/Kg; GE-53-24 at 29.20 ug/Kg; GE-53-25 at 44.10 ug/Kg; GE-54-9 at 74.2 ug/Kg (an estimated value);

GE-54-10 at 44.7 ug/Kg (an estimated value); CV-2 (0-5 feet) at 11.6 ug/Kg (an estimated value); UT-10 at 25.3 ug/Kg; WB-4 (0-5 ft) at 55.3 ug/Kg; and WB-4 (10-12 ft) at 13.9 ug/Kg (an estimated value).

Total cadmium was detected in the following soil samples: GE-53-3 (0-5 ft) at 1.290 ug/Kg; GE-53-11 at 0.272 ug/Kg; GE-53-13 at 0.622 ug/Kg; GE-53-16 at 2.3 ug/Kg; GE-53.25 at 1.10 ug/Kg; GE-54-9 at 0.132 ug/Kg (an estimated value); GE-54-10 at 0.351 ug/Kg (an estimated value); CV-2 (0-5 feet) at 0.160 ug/Kg (an estimated value); UT-10 at 0.104 ug/Kg (an estimated value); and WB-4 (0-5 ft) at 0.040 ug/Kg (an estimated value).

Total chromium was detected in the following soil samples: GE-53-1 at 11.2 ug/Kg; GE-53-3 (0-5 ft) at 24.5 ug/Kg (an estimated value); GE-53-3 (12-14 ft) at 9.010 ug/Kg; GE-53-3 (25-27 ft) at 5.930 ug/Kg (an estimated value); GE-53-4 at 14.1 ug/Kg; GE-53-5 (0-6 ft) at 16.7 ug/Kg (an estimated value); GE-53-5 (18-20 ft) 19.2 ug/Kg (an estimated value); GE-53-6 at 9.7 ug/Kg; GE-53-7 at 6.0 ug/Kg; GE-53-8 at 15.10 ug/Kg; GE-53-11 at 12.0 ug/Kg (an estimated value); GE-53-12 at 7.530 ug/Kg; GE-53-13 at 20.1 ug/Kg (an estimated value); GE-53-16 at 18.3 ug/Kg; GE-53-17 at 10.2 ug/Kg; GE-53-18 at 14.0 ug/Kg; GE-53-19 at 10.4 ug/Kg; GE-53-20 at 16.6 ug/Kg; GE-53-21 at 9.20 ug/Kg; GE-53-22 at 12.50 ug/Kg; GE-53-23 at 15.70 ug/Kg; GE-53-24 at 10.70 ug/Kg; GE-53-25 at 10.00 ug/Kg; GE-54-9 at 12.5 ug/Kg (an estimated value); GE-54-10 at 11.5 ug/Kg (an estimated value); CV-2 (0-5 feet) at 3.690 ug/Kg; UT-10 at 5.2 ug/Kg; WB-4 (0-5 ft) at 12.8 ug/Kg; and WB-4 (10-12 ft) at 7.690 ug/Kg.

Total lead was detected in the following soil samples: GE-53-1 at 45.1 ug/Kg; GE-53-3 (0-5 ft) at 361 ug/Kg; GE-53-3 (12-14 ft) at 41.0 ug/Kg; GE-53-3 (25-27 ft) at 3.210 ug/Kg; GE-53-4 at 50.4 ug/Kg; GE-53-5 (0-6 ft) at 21.5 ug/Kg; GE-534-5(18-20 ft) at 22.3 ug/Kg; GE-53-6 at 48.5 ug/Kg; GE-53-7 at 8.6 ug/Kg; GE-53-8 at 13.90 ug/Kg; GE-53-9 at 29.0 ug/Kg; GE-53-10 at 26.4 ug/Kg; GE-53-11 at 32.0 ug/Kg (an estimated value); GE-53-12 at 4.880 ug/Kg (an estimated value); GE-53-13 at 187 ug/Kg (an estimated value); GE-53-16 at 154 ug/Kg; GE-53-17 at 37.9 ug/Kg (an estimated value);

GE-53-18 at 75.1 ug/Kg (an estimated value); GE-53-19 at 27.0 ug/Kg (an estimated value); GE-53-20 at 87.6 ug/Kg (an estimated value); GE-53-21 at 6.00 ug/Kg; GE-53-22 at 30.10 ug/Kg; GE-53-23 at 12.50 ug/Kg; GE-53-24 at 11.60 ug/Kg; GE-53-25 at 85.80 ug/Kg; GE-54-9 at 78.2 ug/Kg (an estimated value); GE-54-10 at 42.8 ug/Kg (an estimated value); CV-2 (0-5 feet) at 6.940 ug/Kg; UT-10 at 24.5 ug/Kg; WB-4 (0-5 ft) at 6.970 ug/Kg; and WB-4 (10-12 ft) at 0.800 ug/Kg.

Total mercury was detected in the following soil samples: GE-53-1 at 0.178 ug/Kg; GE-53-3 (0-5 ft) at 0.167 ug/Kg; GE-53-3 (12-14 ft) at 0.166 ug/Kg; GE-53-3 (25-27 ft) at 0.014 ug/Kg; GE-53-4 at 0.116 ug/Kg; GE-53-5 (0-5 ft) at 0.036 ug/Kg; GE-53-5 (18-20 ft) at 0.050 ug/Kg; GE-53-6 at 0.091 ug/Kg; GE-53-7 at 0.026 ug/Kg; GE-53-8 at 0.029 ug/Kg; GE-53-11 at 0.026 ug/Kg; GE-53-12 at 0.021 ug/Kg; GE-53-13 at 0.346 ug/Kg; GE-53-16 at 2.2 ug/Kg; GE-53-17 at 0.055 ug/Kg; GE-53-18 at 0.082 ug/Kg; GE-53-19 at 0.030 ug/Kg; GE-53-20 at 0.034 ug/Kg; GE-53-21 at 0.009 ug/Kg (an estimated value); GE-53-22 at 0.040 ug/Kg; GE-53-23 at 0.026 ug/Kg; GE-53-24 at 0.015 ug/Kg; GE-53-25 at 0.086 ug/Kg; GE-54-9 at 0.070 ug/Kg; GE-54-10 at 0.064 ug/Kg; and CV-2 at 0.025 ug/Kg.

Total selenium was detected in the following soil samples: GE-53-1 at 0.39 ug/Kg (an estimated value); GE-53-3 (0-5 ft) at 1.480 ug/Kg; GE-53-5 (0-6 ft) at 0.475 ug/Kg (an estimated value); GE-53-8 at 0.43 ug/Kg (an estimated value); GE-53-16 at 1.7 ug/Kg; GE-53-17 at 0.570 ug/Kg (an estimated value); GE-53-18 at 0.824 ug/Kg (an estimated value); GE-53-19 at 0.447 ug/Kg (an estimated value); GE-53-20 at 0.848 ug/Kg (an estimated value); GE-53-22 at 0.65 ug/Kg (an estimated value); and GE-53-25 at 0.63 ug/Kg (an estimated value).

Total silver was detected in the following soil samples: GE-53-1 at 0.47 ug/Kg (an estimated value); GE-53-4 at 0.70 ug/Kg (an estimated value); GE-53-6 at 0.37 ug/Kg; GE-53-7 at 0.18 ug/Kg (an estimated value); GE-53-8 at 0.31 ug/Kg (an estimated value); GE-53-16 at 0.93 ug/Kg (an estimated value); GE-53-21 at 0.24 ug/Kg (an estimated value); GE-53-22 at 0.33 ug/Kg (an estimated value); GE-53-23 at 0.53 ug/Kg (an

estimated value); GE-53-24 at 0.18 ug/Kg (an estimated value); GE-53-25 at 0.54 ug/Kg (an estimated value); and CV-2 at 0.148 ug/Kg (an estimated value).

All results for total RCRA metals are presented in Table 5.

3.2.5 TCLP RCRA Metals

TCLP Barium was detected in the following soil samples: GE-53-9 at 1.6 milligrams per liter (mg/L); GE-53-10 (0-4 ft) at 0.28 mg/L (an estimated value); CV-1 (5-7 feet) at 0.27 mg/L (an estimated value); and CV-1 (15-17) at 0.322 mg/L (an estimated value).

TCLP Cadmium was detected in soil sample GE-53-9 at 0.003 mg/L (an estimated value).

TCLP Chromium was detected in the following soil samples: GE-53-9 at 0.02 mg/L (an estimated value); CV-1 (5-7 feet) at 0.0105 mg/L (an estimated value); and CV-1 (15-17) at 0.0146 mg/L (an estimated value).

TCLP Lead was detected in soil sample GE-53-9 at 0.09 mg/L and in soil sample GE-53-10 at 0.02 mg/L (an estimated value).

TCLP arsenic, mercury, selenium and silver were not detected.

All results for TCLP RCRA metals are presented in Table 6.

3.3 Groundwater Results

Groundwater sample results for VOCs, SVOCs, and TAL metals (filtered and unfiltered) are provided in this section. Groundwater sample analytical results are provided in Tables 6, 7 and 8, respectively. Sample locations are provided on the Environmental Boring Location Plans,

Figures 3 through 7. The sample was submitted for laboratory analyses of VOC, SVOC, target analyte (TAL) metals both filtered and unfiltered. Tables 6, 7 and 8 include summaries of the results. The full laboratory reports are included in Appendix C for groundwater.

3.3.1 TCL VOCs

VOCs were not detected in groundwater samples from wells SY-135W and SY-178W.

3.3.2 TCL SVOCs

SVOC Diethyl phthalate was detected at 21.0 micrograms per liter (ug/L) in the groundwater sample from well SY-135W.

SVOCs were not detected in the groundwater sample from well SY-178W.

3.3.3 TAL Metals

Total aluminum (unfiltered) was detected at 1,400 ug/L and dissolved aluminum (unfiltered) was not detected in well SY-135W. Total aluminum was detected at 14,600E ug/L and dissolved aluminum was detected at 6,220 ug/L in well SY-135W.

Total and dissolved barium were not detected in well SY-135W. Total barium was estimated at 2.0J ug/L and dissolved barium was not detected in well SY-135W.

Total and dissolved berrylium were not detected in well SY-135W. Total berrylium was detected at 1,120 ug/L and dissolved berrylium was estimated at 74.5 J,E ug/L in well SY-135W.

Total calcium was detected at 21,000 ug/L and dissolved calcium was detected at 20,000 ug/L in well SY-135W. Total calcium was detected at 56,400 ug/L and dissolved calcium was detected at 22,500 ug//L in well SY-135W.

Total and dissolved chromium were not detected in well SY-135W. Total chromium was detected at 67.5 ug/L and dissolved chromium was detected at 26.0 ug/L in well SY-135W.

Total and dissolved cobalt were not detected in well SY-135W. Total cobalt was estimated at 45.1J ug/L and dissolved cobalt was not detected in well SY-135W.

Total copper was detected at 45.0 ug/L and dissolved copper was detected at 30.0 ug/L in well SY-135W. Total copper was detected at 299 ug/L and dissolved copper was detected at 36.3 ug//L in well SY-135W.

Total iron was detected at 4,100 ug/L and dissolved iron was not detected in well SY-135W. Total iron was detected at 5,590 ug/L and dissolved iron was detected at 11,900 ug//L in well SY-135W.

Total lead was detected at 15.0 ug/L and dissolved lead was not detected in well SY-135W. Total lead was detected at 17.0 ug/L and dissolved lead was detected at 7.1 ug//L in well SY-135W.

Total magnesium was detected at 7,200 ug/L and dissolved magnesium was detected at 6,500 ug/L in well SY-135W. Total magnesium was detected at 18,300 ug/L and dissolved magnesium was detected at 9,340 ug//L in well SY-135W.

Total manganese was detected at 2,700 ug/L and dissolved manganese was detected at 17 ug/L in well SY-135W. Total manganese was detected at 4,740 ug/L and dissolved manganese was detected at 213 ug//L in well SY-135W.

Total and dissolved mercury were not detected in well SY-135W. Total mercury was detected at 0.45N ug/L and dissolved mercury was estimated at 0.050JN ug//L in well SY-135W.

Total and dissolved nickel were not detected in well SY-135W. Total nickel was detected at 238 ug/L and dissolved nickel was estimated at 29.2J ug//L in well SY-135W.

Total potassium was detected at 6,800 ug/L and dissolved potassium was detected at 6,700 ug/L in well SY-135W. Total potassium was estimated at 4,030JE ug/L and dissolved potassium was estimated at 2,160JE ug//L in well SY-135W.

Total and dissolved selenium were not detected in well SY-135W. Total selenium was estimated at 7.6J ug/L and dissolved selenium was detected at 4.2 ug//L in well SY-135W.

Total and dissolved silver were not detected in well SY-135W. Total silver was estimated at 3.2J ug/L and dissolved silver was estimated at 4.5J ug//L in well SY-135W.

Total sodium was detected at 14,000 ug/L and dissolved sodium was detected at 14,000 ug/L in well SY-135W. Total sodium was detected at 7,470E ug/L and dissolved sodium was detected at 6,540E ug//L in well SY-135W.

Total and dissolved thallium were not detected in well SY-135W. Total thallium was estimated at 3.8J ug/L and dissolved thallium was not detected in well SY-135W.

Total and dissolved vanadium were not detected in well SY-135W. Total vanadium was estimated at 1.3J ug/L and dissolved vanadium was estimated at 8.5J ug/L in well SY-135W.

Total zinc was detected at 140 ug/L and dissolved zinc was detected at 52.0 ug/L in well SY-135W. Total zinc was detected at 173E ug/L and dissolved zinc was detected at 56.8E ug//L in well SY-135W.

Total and dissolved antimony, arsenic and cadmium were not detected in wells SY-135W and SY-178W.

3.4 Matura Property Assessment

Contract CH053 includes the demolition of the existing structures known as the Matura Property adjacent to the Amtrak Loop Tracks. The Queens property includes Lots 192, 195 and 200 of NYC Tax Block 183 located at the street addresses 38-56, 38-60 and 38-64 43rd Street.

A Phase I Environmental Site Assessment (ESA) of the Matura Property was conducted (TE, 2003). The scope of the Phase I generally followed guidelines by the American Society for Testing and Materials (ASTM) Standard Practices for ESAs: Phase I ESA Process Fixed Designation E-1527 (ASTM, 2000). The Phase I ESA report identified recognized environmental conditions (RECs) in relation to the Matura property. RECs were defined by ASTM E-1527. The following adjacent and surrounding properties were classified as RECs:

- Amtrak's Sunnyside Yard, including the historic usage of the adjacent Loop Tracks and the dissolved-phase petroleum plume named the Loop Track Plume at the northeastern boundary of the Yard.
- Seven active off-site petroleum spills located upgradient and cross-gradient to the property.
- A historic auto repair shop located at 45-01 Barnett Avenue.

Matrix Environmental and Geotechnical Services, Inc. (Matrix) inspected the property and sampled for potential lead and asbestos containing material at the Matura property. The United States Department of Housing and Urban Development (HUD) Guidelines and United States Environmental Protection Agency (USEPA) defines lead based paint (LBP) as paint or other surface coating with a lead content of 1.0 mg/cm^2 or greater, or more than 0.5% by weight. Lead concentrations were identified on four of the tested surface areas. LBP was only quantified on ceramic tiles with concentrations ranging from 5.0 mg/cm^2 to greater that 9.9 mg/cm^2 and located in the 1st floor bathrooms at 38-56 43rd Street and in the 2nd floor bathrooms and sauna at 38-64 43rd Street. As outlined in 40 CFR 763.87(c)(2), a homogenous area shall be determined to contain asbestos containing material (ACM) based on a finding that the results of at least one sample collected from that area shows that asbestos is present in an amount greater that one percent (1%). ACM was documented over a 10,500 square foot area on the built-up lower roof

of the structures. Additional ACM was documented in 217 square feet of the lower roof flashing and in 155 square feet of the upper roof flashing of the structures. Detailed information and sample locations are included in the Matrix Findings Report (Matrix, 2004). Drawings which present the findings of the survey are provided in Appendix D.

4.0 CONCLUSIONS

4.1 Soil

Soil sample results were compared to the site-specific New York Department of Environmental Conservation (NYSDEC) Record of Decision (ROD) soil cleanup objectives for OU-1 of Sunnyside Yard (NYSDEC, 1997, 1998a), and the NYSDEC recommended soil cleanup objectives (RSCOS) as per the NYSDEC Consolidation Memo (NYSDEC, 2000) and the NYSDEC Technical and Administrative Guidance Values Memorandum (TAGM): 94-4046 (NYSDEC, 1994).

4.1.1 SVOCS

The following five SVOCs were detected at levels exceeding the NYSDEC RSCOs: benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, and chrysene. These SVOCs are also classified as potential cPAHs. The site specific NYSDEC ROD soil cleanup value for total cPAHs was not exceeded at any of the soil sample locations.

Benzo(a)anthracene exceeded the NYSDEC RSCOs in the following soil samples: GE-53-1, GE-53-3, GE-53-4, GE-53-5, GE-53-13, GE-53-16, GE-53-18, GE-53-19, and GE-53-25.

Benzo(a)pyrene exceeded the NYSDEC RSCOs in the following soil samples: GE-53-1, GE-53-3, GE-53-4, GE-53-9, GE-53-10, GE-53-13, GE-53-16, GE-53-18, GE-53-19, GE-53-20, GE-53-25, GE-54-9, and WB-4.

Benzo(b)fluoranthene exceeded the NYSDEC RSCOs in the following soil samples: GE-53-1, GE-53-3, GE-53-4, GE-53-5, GE-53-13, GE-53-16, GE-53-18, GE-53-19, GE-53-20, GE-53-25, and GE-54-9.

Benzo(k)fluoranthene exceeded the NYSDEC RSCOs in the following soil samples: GE-53-1, GE-53-3, GE-53-4, GE-53-13, GE-53-16, GE-53-18, GE-53-19, and GE-53-25.

Chrysene exceeded the NYSDEC RSCOs in the following soil samples: GE-53-1, GE-53-3, GE-53-4, GE-53-13, GE-53-18, and GE-53-19.

Below are the design elements with the corresponding soil samples and SVOCs that exceeded the NYSDEC RSCOs for individual SVOCs:

- Retaining Wall HON-N1 between Honeywell and 39th Street – soil sample GE-53-1 (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene benzo(k)fluoranthene and chrysene).
- Retaining Wall 39-S1, 39-S2, 39-S3 west of 39th Street – soil sample GE-54-9 (benzo(a)pyrene and benzo(b)fluoranthene).
- Retaining Wall 43-N2 east of 43rd Street - soil samples GE-53-9 and GE-53-10 (benzo(a)pyrene).
- Retaining Wall 48-S1 east of 48th Street - soil sample GE-53-25 (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and benzo(k)fluoranthene).
- 39th Street Bridge Pier Replacement - soil sample GE-53-5 (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, and chrysene).
- 43rd Street Pier Modification for Yard Lead Tunnel – soil sample WB-4 (benzo(a)pyrene).
- TBM Reception Pit A - soil sample GE-53-3 (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, and chrysene).
- 18-Inch Storm Sewer West of 39th Street - soil samples GE-53-4, GE-53-18, GE-53-19, and GE-53-20 (benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, and chrysene).
- 12kV Ductbank - soil samples GE-53-13 and GE-53-16 (benzo(a)anthracene, benzo(a)pyrene benzo(b)fluoranthene benzo(k)fluoranthene and chrysene).

Soil excavated in the area of borings where the NYSDEC RSCOS are exceeded should be handled as directed in the Contract CH053 drawings and specifications.

4.1.2 Metals

The following total RCRA metals were detected at levels exceeding the NYSDEC RSCOs: arsenic, cadmium, chromium, mercury and silver. The site specific NYSDEC ROD soil cleanup value for total lead was not exceeded at any of the soil sample locations. Although several TCLP metals were detected, none exceeded the EPA regulatory levels for leachable metals.

Total arsenic exceeded the NYSDEC RSCOs in the following soil samples: GE-53-3, GE-53-11, GE-53-13 and CV-2.

Total cadmium exceeded the NYSDEC RSCOs in the following soil samples: GE-53-3, GE-53-16, and GE-53-25.

Total chromium exceeded the NYSDEC RSCOs in the following soil samples: GE-53-1, GE-53-3, GE-53-5, GE-53-8, GE-53-11, GE-53-16, GE-53-17, GE-53-18, GE-53-19, GE-53-20, GE-53-22, GE-53-23, GE-53-24, GE-53-25, GE-54-9, GE-54-10, CV-1, and WB-4.

Total mercury exceeded the NYSDEC RSCOs in the following soil samples: GE-53-1, GE-53-3, GE-53-4, GE-53-5, GE-53-13, and GE-53-16.

Total silver exceeded the NYSDEC RSCOs soil sample GE-53-4, GE-53-16, GE-53-23, and GE-53-25.

Below are the design elements with the corresponding soil samples and metals that exceeded the NYSDEC RSCOs:

- Retaining Wall HON-N1 between Honeywell and 39th Street – soil sample GE-53-1 (total chromium and mercury).
- Retaining Wall 39-S1, 39-S2, 39-S3 west of 39th Street – soil samples GE-54-9 and GE-54-10 (total chromium).
- Retaining Wall 43-S2 west of 43rd Street – soil samples GE-53-8, GE-53-22, and GE-53-23 (total chromium and silver).
- Retaining Wall 48-S1 east of 48th Street - soil samples GE-53-24 and GE-53-25 (total cadmium, chromium and silver).
- 39th Street Bridge Pier Replacement - soil sample GE-53-5 (total chromium and mercury).
- 43rd Street Pier Modification for Yard Lead Tunnel - soil sample WB-4 (total chromium).
- TBM Reception Pit A - soil sample GE-53-3 (total arsenic, cadmium and chromium).
- 18-Inch Storm Sewer West of 39th Street - soil samples GE-53-4, GE-53-17, GE-53-18, GE-53-19, and GE-53-20 (total chromium, mercury and silver).
- 12kV Ductbank - soil samples GE-53-11, GE-53-13 and GE-53-16 (total arsenic, cadmium, chromium, mercury, and silver).
- G02 Substations – soil samples CV-1 and CV-2 (total arsenic and chromium).

Soil excavated in the area of borings where the NYSDEC RSCOS are exceeded should be handled as directed in the Contract CH053 drawings and specifications.

4.2 Groundwater

Groundwater results for VOCs, SVOCs, and metals (dissolved and total) were compared to NYSDEC Division of Water, Technical and Operational Guidance Series (1.1.1) (TOGS): Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations (NYSDEC, 1998b).

Exceedances of the iron and manganese standards were detected in the total metals sample from well SY-135W. None of the filtered metals samples exceed the standards.

Exceedances of the barium, chromium, copper, iron, nickel, and thallium groundwater standards were detected in the total metals sample from well SY-178W. However, only iron exceeds the groundwater standard in the filtered sample.

These exceedances pose no environmental concerns related to construction dewatering discharge.

4.3 Matura Property

The Matura Property Phase I report (TE, 2003) recommended soil and groundwater samples prior to construction activities on the property. No soil or groundwater samples have been collected at the time of this report.

LBP and ACM abatement should be conducted by qualified contractors prior to any demolition activities as directed in the LBP and ACM findings report (Matrix, 2004) and Contract CH053 drawings and specifications.

5.0 REFERENCES

ASTM, 2000. ASTM Standard Practices for Environmental Site Assessments, ASTM Designation E-1527.

GEC, 2004. Contract Packaging Plan, Revision 5.1, prepared for the MTA East Side Access Project, November 2004.

GEC, 2004. Supplemental Environmental Site Investigation Findings Report Summary, Contract CH053 Harold Structures – Part 1. 90% Submittal, November 2004.

GEC, 2006. Queens Final Design Field Investigation Program for Alignment Revision 14-14M. MTA/LIRR East Side Access Project. MTA/LIRR Contract No. 98-0040-01R. GEC letter to MTA Capital Construction, February 14, 2006.

GEC, 2006. Contract Packaging Plan, Revision #6. Prepared for the MTA East Side Access Project, September, 2006.

MTA Capital Construction, 2006. Harold Interlocking Agreement (Amtrak MOU). Long Island Rail Road East Side Access. January 2006.

MTA/LIRR, 2000. Drilling Procedure. MTA/LIRR East Side Access Project Procedure No.201. Effective 2/14/00.

MTA/LIRR, 2002. Emergency Notification Procedure. MTA/LIRR East Side Access Project Procedure No.002. Effective 1/24/02.

Matrix, 2004. Findings Report for the Asbestos and Lead Containing Material Survey of the Matura Property, 38-56, 38-60, and 38-64 43rd Street, Queens County, NY, May 2004.

NYSDEC, 1994. Division Technical and Administrative Guidance Memorandum (TAGM): 94-4046, Determination of Soil Cleanup Objectives and Cleanup Levels. NYSDEC Division of Hazardous Waste Remediation, January1994.

NYSDEC, 1997. NYSDEC Record of Decision (ROD) – Amtrak, Sunnyside Yard Operable Unit 1 (OU-1): Proposed High Speed Transit Facility (HSTF) Building. Queens, N.Y. Site No 241006, August 1997.

NYSDEC, 1998a. Supplement to Record of Decision, Amtrak, Sunnyside Yard Operable Unit 1: Proposed High Speed Train Facility (HSTF) Building, Queens, New York, Site Number 241006; Letter from NYSDEC to Amtrak, dated March 1998.

NYSDEC, 1998b. Division of Water Technical and Operational Guidance Series (1.1.1) (TOGS): Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations. NYSDEC, June 1998.

NYSDEC, 2000. NYSDEC Consolidation Memo, Determination of Soil Cleanup Levels, from Michael J. O'Toole, Jr., Director, Division of Environmental Remediation. December 20, 2000.

Roux, 2004. Amtrak Sunnyside Yard Soil and Groundwater Data Summary, Excel spreadsheet transmitted by Roux and Associates to Mr. Jeff Butler of the GEC and the Eastside Access Project, September 9 and 10, 2004.

TE, 2001. Sampling and Analysis Plan for the Supplemental Environmental Site Investigation for the Queens Alignment (Phase 1A) Design Package Nos. CQ025, CQ026, & CQ028. East Side Access Project. March 2, 2001.

TE, 2002a. Findings Report for the Environmental Site Investigation of the Existing Rail Yard, Queens, New York, East Side Access Project, Alignments and Replacement Yard Study, Revision 2, January 2002.

TE, 2002b. Findings Report for the Environmental Site Investigation of the Sunnyside Yard and Harold Interlocking, Sunnyside, Queens County, New York, East Side Access Project, Alignments and Replacement Yard Study, Revision 2, January 2002.

TE, 2002c. Sampling and Analysis Plan for the Environmental Site Investigation of the Harold Structures Part 1 Contract CH053. East Side Access Project. November 2002.

TE, 2002d. Supplemental Environmental Site Investigation Findings Report Summary for Construction Contract CQ030 (60% Submittal) Loop Track Structures and General Motors Bridge Relocation, December 2002.

TE, 2003. Phase I Environmental Site Assessment for the Properties Located at Block 183, Lots 192, 195, and 200, Queens County, NY, December 2003.

TABLES

TABLE 1

ENVIRONMENTAL SAMPLE MATRIX WITH CORRESPONDING CH053 DESIGN ELEMENTS

East Side Access Project
Queens, NY

SAMPLE	MEDIA	LOCATION	SAMPLE COLLECTION INTERVAL (ft-bgs)	SAMPLE COLLECTION DATE	ANALYTICAL SETS	DESIGN ELEMENT
GE-53-1	SOIL	North of LI CONN	0-5	4/3/2006	VOC, SVOC, PCB, Total RCRA Metals	Retaining Wall HON-N1, between Honeywell and 39th Street
GE-53-3	SOIL	West of 39th St. Bridge north abutment	0-5; 12-14; 23-25	7/26/2006	VOC, SVOC, PCB, Total RCRA Metals	TBM Reception Pit A
GE-53-4	SOIL	West of 39th St. Bridge north abutment	0-3.5	4/3/2006	VOC, SVOC, PCB, Total RCRA Metals	18 inch storm sewer west of 39th St.
GE-53-5	SOIL	West of 39th St. Bridge north abutment	0-6; 18-20	7/26/2006	VOC, SVOC, PCB, Total RCRA Metals	39th Street Bridge Pier #8S Replacement
GE-53-6	SOIL	39th St Bridge Access Ramp	0-5	4/3/2006	VOC, SVOC, PCB, Total RCRA Metals	Retaining Wall 39-N2 at 39th Street
GE-53-7	SOIL	39th St Bridge Access Ramp	0-3.5	4/3/2006	VOC, SVOC, PCB, Total RCRA Metals	Retaining Wall 43-N1 west of 43rd St Bridge
GE-53-8	SOIL	43rd St and Barnett Ave.	0-4.5	3/27/2006	VOC, SVOC, PCB, Total RCRA Metals	Retaining Wall 43-S2 west of 43rd Street
GE-53-9	SOIL	South side of 37th Ave	0-4	4/21/2004	VOC, SVOC, PCB, Total Lead, TCLP RCRA Metals	Retaining Wall 43-N2, east of 43rd Street
GE-53-10	SOIL	South side of 37th Ave	0-4	4/21/2004	VOC, SVOC, PCB, Total Lead, TCLP RCRA Metals	Retaining Wall 43-N2, east of 43rd Street
GE-53-11	SOIL	South of LI FRT	0-5	6/28/2006	VOC, SVOC, PCB, Total RCRA Metals	12 kV Ductbank
GE-53-12	SOIL	South of LI FRT	0-5	6/28/2006	VOC, SVOC, PCB, Total RCRA Metals	12 kV Ductbank
GE-53-13	SOIL	South of LI FRT	0-5	6/28/2006	VOC, SVOC, PCB, Total RCRA Metals	12 kV Ductbank
GE-53-14	SOIL	North of 39th St Ramp	Not sampled yet	Not sampled yet	VOC, SVOC, PCB, Total RCRA Metals	12 kV Ductbank
GE-53-16	SOIL	North of 39th St Ramp	0-4	4/3/2006	VOC, SVOC, PCB, Total RCRA Metals	12 kV Ductbank
GE-53-17	SOIL	Yard Access Road	0-4	7/19/2006	VOC, SVOC, PCB, Total RCRA Metals	18 inch storm sewer west of 39th St.
GE-53-18	SOIL	Yard Access Road	0-4	7/19/2006	VOC, SVOC, PCB, Total RCRA Metals	18 inch storm sewer west of 39th St.
GE-53-19	SOIL	Yard Access Road	0-4	7/19/2006	VOC, SVOC, PCB, Total RCRA Metals	18 inch storm sewer west of 39th St.
GE-53-20	SOIL	North of LI Loop	0-4	7/19/2006	VOC, SVOC, PCB, Total RCRA Metals	18 inch storm sewer west of 39th St.
GE-53-21	SOIL	East of 43rd St on Barnett Ave.	0-4.5	3/27/2006	VOC, SVOC, PCB, Total RCRA Metals	Retaining Wall 43-S2 west of 43rd Street
GE-53-22	SOIL	West of 48th St on Barnett Ave	0-5	3/27/2006	VOC, SVOC, PCB, Total RCRA Metals	Retaining Wall 43-S2 west of 43rd Street
GE-53-23	SOIL	Barnett Ave and Northwest Corner of 48th St.	0-5	3/27/2006	VOC, SVOC, PCB, Total RCRA Metals	Retaining Wall 43-S2 west of 43rd Street
GE-53-24	SOIL	Barnett Ave and Northeast Corner of 48th St.	0-5	3/27/2006	VOC, SVOC, PCB, Total RCRA Metals	Retaining Wall adjacent to Harold Interlocking Access Bridge
GE-53-25	SOIL	East of 48th St on Barnett Ave.	0-5	3/27/2006	VOC, SVOC, PCB, Total RCRA Metals	Retaining Wall 48-S1 east of 48th Street
GE-54-9	SOIL	Access Road South of LOOP 1	0-5	6/28/2006	VOC, SVOC, PCB, Total RCRA Metals	Retaining Wall 39-S1, 39-S2, and 39 S3 west fo 39th Street
GE-54-10	SOIL	Access Road South of LOOP 1	0-5	6/28/2006	VOC, SVOC, PCB, Total RCRA Metals	New Harold Access Bridge
CV-1	SOIL	West of Honeywell Bridge/north of Skillman Ave	5-7; 15-17	8/17/2005	VOC, SVOC, PCB, TCLP Metals	LIRR Replacement Substation G02

TABLE 1

ENVIRONMENTAL SAMPLE MATRIX WITH CORRESPONDING CH053 DESIGN ELEMENTS

East Side Access Project
Queens, NY

SAMPLE	MEDIA	LOCATION	SAMPLE COLLECTION INTERVAL (ft-bgs)	SAMPLE COLLECTION DATE	ANALYTICAL SETS	DESIGN ELEMENT
CV-2	SOIL	West of Honeywell Bridge/north of Skillman Ave	0-5; 15-17	6/12/2006; 6/22/2006	VOC, SVOC, PCB, Total RCRA Metals	LIRR Replacement Substation G02
SY-527	SOIL	Harold Parking Area	Not sampled yet	Not installed yet	VOC, SVOC, PCB, Total RCRA Metals	Drainage Pipe from Approach Structures for Tunnels A, B/C & D
UT-10	SOIL	Skillman Ave/west of Honeywell Bridge	0-5	6/12/2006	VOC, SVOC, PCB, Total RCRA Metals	Microtunnels from Substation G02 to B12
WB-4	SOIL	Amtrak Loop Track; west of 43rd St.	0-5; 10-12	6/14/2006; 6/15//2006	VOC, SVOC, PCB, Total RCRA Metals	43rd St Pier Modifications for Yard Lead Tunnel
TE-MW-B/C-2	GROUNDWATER	West of Honeywell Bridge	75-85 (screen)	Not sampled yet	VOC, SVOC, TAL Metals	12kV Ductbank
SY-135W (TE-MW-A-3)	GROUNDWATER	East of Honeywell Bridge	50-60 (screen)	10/16/2003	VOC, SVOC, TAL Metals	Track A TBM Portal
SY-131AW	GROUNDWATER	East of Honeywell Bridge	50-60 (screen)	Not sampled yet	VOC, SVOC, TAL Metals	Track A TBM Portal
SY-153W (TE-MW-A-4)	GROUNDWATER	West of 39th St Brdige	50-60 (screen)	Not sampled yet	VOC, SVOC, TAL Metals	Track A Approach Structure, TBM Reception Pit and settlement Control Walls.
SY-170W	GROUNDWATER	West of 39th St. Bridge north abutment	30-40 (screen)	Not sampled yet	VOC, SVOC, TAL Metals	WBB Retaining Wall east of 39th St Bridge
SY-178W	GROUNDWATER	39th St Ramp	30-40 (screen)	8/16/2006	VOC, SVOC, TAL Metals	12 kV Ductbank; Retaining Wall 3B East of 39th St.
SY-527	GROUNDWATER	Harold Parking Area	Not installed yet	Not installed yet	VOC, SVOC, TAL Metals	Drainage Pipe from Approach Structures for Tunnels A, B/C & D
Lead-Based Paint (LBP) and Asbestos-Containing Materials Samples	LBP	Matura Properties Buildings	NA	Matrix Findings Report, May 2004	Lead and asbestos	Demolition of Matura Buildings

Table 2

SUMMARY OF SOIL SAMPLE RESULTS FOR VOCs

Contract CH053
East Side Access Project
Queens, NY

	Sample Identification *Collection Depth* Laboratory Identification Sample Date	GE-53-5 6 feet X3906-03 7/26/2006	GE-53-9 1 foot 522010 4/21/2004	GE-53-10 1 foot 522012 4/21/2004	GE-53-11 5 feet X3510-01 6/28/2006	GE-53-12 5 feet X3510-02 6/28/2006	GE-53-13 5 feet X3510-03 6/28/2006
Analyte	**Guidance Values (ppb)**	**Detected concentration (ppb)**					
1,1-Dichloroethene	**400****	ND	ND	**0.8 J**	ND	ND	ND
2-Butanone	**300****	ND	ND	**8.1**	ND	ND	ND
Acetone	**200****	**44**	**25**	**52**	ND	ND	**70 J**
Cyclohexane	—	ND	ND	ND	ND	ND	ND
Methylene Chloride	**100****	ND	**0.6 JB**	**0.5 JB**	**17 JB**	**17 JB**	**48 B**
Toluene	**1500***	ND	ND	ND	ND	ND	**7.9 J**
Xylenes	**1,200****	ND	ND	**1.4 J**	ND	ND	ND

NOTES:
Soil samples analyzed for TCL VOCs by EPA Method 8260B.
TCL: Target Compound List
VOCs: Volatile Organic Compounds
Analytical data reported in parts per billion (ppb) or micrograms per kilogram (ug/Kg).
*: Guidance values are Recommended Soil Cleanup Objectives (RSCOs) from NYSDEC "Consolidation Memo" dated 12/20/00 and follow-up memos dated 4/10/01 and 7/10/01.
**: Guidance values are NYSDEC "Recommended Soil Cleanup Objectives" as per TAGM #4046 (NYSDEC, 1994)
Shaded values indicate exceedance of RSCOs.
ND: Compound Not Detected
B: Analyte was found in the associated blank.
J: The concentration listed is an estimated value, which is less than the specified minimum detection limit but is greater than zero.
NA: not anayzed.
Only soil samples having detectable VOC concentrations are listed in this table.

Table 2

SUMMARY OF SOIL SAMPLE RESULTS FOR VOCs

Contract CH053
East Side Access Project
Queens, NY

	Sample Identification Collection Depth Laboratory Identification Sample Date	GE-53-17 4 feet X3782-01 7/19/06	GE-53-18 6 feet X3782-03 7/19/06	GE-53-19 6 feet X3782-05 7/19/06	GE-53-20 6 feet X3782-07 7/19/06	GE-54-9 5 feet X3510-07 6/28/2006	GE-54-10 5 feet X3510-06 6/28/2006
Analyte	**Guidance Values (ppb)**	**Detected concentration (ppb)**					
1,1-Dichloroethene	**400****	ND	ND	ND	ND	ND	ND
2-Butanone	**300****	ND	ND	ND	ND	ND	ND
Acetone	**200****	**40 JB**	**36 JB**	**37 JB**	**36 JB**	**57 J**	ND
Cyclohexane	—	ND	ND	ND	ND	ND	ND
Methylene Chloride	**100****	ND	ND	ND	ND	**58**	**52**
Toluene	**1500***	ND	ND	ND	ND	ND	ND
Xylenes	**1,200****	ND	ND	ND	ND	ND	ND

NOTES:
Soil samples analyzed for TCL VOCs by EPA Method 8260B.
TCL: Target Compound List
VOCs: Volatile Organic Compounds
Analytical data reported in parts per billion (ppb) or micrograms per kilogram (ug/Kg).
*: Guidance values are Recommended Soil Cleanup Objectives (RSCOs) from NYSDEC "Consolidation Memo" dated 12/20/00 and follow-up memos dated 4/10/01 and 7/10/01.
**: Guidance values are NYSDEC "Recommended Soil Cleanup Objectives" as per TAGM #4046 (NYSDEC, 1994)
Shaded values indicate exceedance of RSCOs.
ND: Compound Not Detected
B: Analyte was found in the associated blank.
J: The concentration listed is an estimated value, which is less than the specified minimum detection limit but is greater than zero.
NA: not analyzed.
Only soil samples having detectable VOC concentrations are listed in this table.

Table 2

SUMMARY OF SOIL SAMPLE RESULTS FOR VOCs

Contract CH053
East Side Access Project
Queens, NY

	Sample Identification Collection Depth Laboratory Identification Sample Date	CV-1 T4301-01 8/17/2005	CV-1 15 feet T4301-03 8/17/2005	CV-2 5 feet X3263-01 06/12/06	UT-10 5 feet X3263-03 06/12/06	WB-4 5 feet X3286-01 06/14/06	WB-4 12 feet X3345-01 06/15/06
Analyte	**Guidance Values (ppb)**	**Detected concentration (ppb)**					
1,1-Dichloroethene	400**	ND	ND	ND	ND	ND	ND
2-Butanone	300**	ND	ND	ND	ND	ND	ND
Acetone	200**	ND	6.3 J	79 JB	68 JB	70 JB	71 J
Cyclohexane	—	ND	ND	6.1 J	5.8 J	ND	ND
Methylene Chloride	100**	5.7 JB	7.2 B	ND	ND	ND	ND
Toluene	1500*	ND	ND	ND	ND	ND	ND
Xylenes	1,200**	ND	ND	ND	ND	ND	ND

NOTES:
Soil samples analyzed for TCL VOCs by EPA Method 8260B.
TCL: Target Compound List
VOCs: Volatile Organic Compounds
Analytical data reported in parts per billion (ppb) or micrograms per kilogram (ug/Kg).
*: Guidance values are Recommended Soil Cleanup Objectives (RSCOs) from NYSDEC "Consolidation Memo" dated 12/20/00 and follow-up memos dated 4/10/01 and 7/10/01.
**: Guidance values are NYSDEC "Recommended Soil Cleanup Objectives" as per TAGM #4046 (NYSDEC, 1994)
Shaded values indicate exceedance of the RSCOs.
ND: Compound Not Detected
B: Analyte was found in the associated blank.
J: The concentration listed is an estimated value, which is less than the specified minimum detection limit but is greater than zero.
NA: not analyzed.
Only soil samples having detectable VOC concentrations are listed in this table.

SUMMARY OF SOIL SAMPLE RESULTS FOR SVOCs

Contract CH053
East Side Access Project
Queens, NY

	Boring Identification Sample Collection Depth Laboratory Identification Sample Date	GE-53-1 0-5 feet X2221-04 04/03/06	GE-53-3 0-5 feet X3906-02 7/26/2006	GE-53-3 12-14 feet X3906-08 7/27/2006	GE-53-3 25-27 feet X3906-10 7/27/2006	GE-53-4 0-3.5 feet X2221-06 04/03/06	GE-53-5 18-20 feet X3906-06 7/27/2006	GE-53-6 0-5 feet X2221-08 04/03/06
Analyte	**NYSDEC Recommended Soil Cleanup Objective (ppm)**							
2-Methylnaphthalene	36,400*	210 J	ND	ND	ND	ND	ND	ND
Acenaphthene	50,000	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	50,000	ND	ND	ND	ND	ND	73 J	ND
Anthracene	50,000	96 J	ND	57 J	ND	84 J	160 J	ND
Benzaldehyde	---	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene [1]	224	1100	550 J	180 J	ND	480	260 J	ND
Benzo(a)pyrene [1]	61	800	550	250 J	ND	380	280 J	ND
Benzo(b)fluoranthene [1]	220	1300	1200 J	330 J	ND	630	380	ND
Benzo(g,h,i)perylene	50,000	210 J	ND	120 J	ND	70 J	140 J	ND
Benzo(k)fluoranthene [1]	220	520 J	410 J	130 J	ND	250 J	150 J	ND
Benzoic acid	---	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	50000*	170 JB	ND	ND	230 J	280 JB	140 J	190 JB
Butylbenzylphthalate	50,000	ND	ND	ND	ND	ND	ND	ND
Carbazole	---	ND	ND	ND	ND	ND	110 J	ND
Chrysene [1]	400	1100	670	210 J	ND	600	280 J	ND
Dibenz(a,h)anthracene[1]	143	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	6200*	65 J	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	8100*	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	50,000	1400	860 J	380	ND	550	680	ND
Fluorene	50,000	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene [1]	3200	92 J	670 J	200 J	ND	ND	230 J	ND
Naphthalene	13,000	460	ND	ND	ND	ND	78 J	ND
Pentachlorophenol	1,000*	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	50,000	550	ND	240 J	ND	760	610	ND
Phenol	30*	ND	ND	ND	ND	ND	ND	ND
Pyrene	50,000	2700	990 J	330 J	ND	2000	550	130 J
Total Carcinogenic PAHs	25,000 **	4,712	4,050	1,300	ND	2,340	1,580	ND
Total SVOCs	500,000	10,573	5,900	2,427	230	6,084	4,121	320

NOTES:

Soil samples analyzed for TCL SVOCs by EPA Method 8270C.

***TCL** : Target Compound List*

***SVOCs** : Semi-Volatile Organic Compounds*

Analytical data reported in parts per billion (ppb) or micrograms per kilogram (ug/Kg).

Guidance values are Recommended Soil Cleanup Objectives from NYSDEC Consolidation Memo (12/20/00) and NYSDEC TAGM 94-4046 (1/21/94).

*: NYSDEC TAGM 4046 Soil Cleanup Objectives value

(1): Carcinogenic Polycyclic Aromatic Hydrocarbons (cPAHs) as defined by NYSDEC ROD for Sunnyside Yard (3/27/98).

**: Site specific guidance values for Total cPAHs in surface and subsurface soils as per 1997 NYSDEC ROD for OU-1 of Sunnyside Yard.

Shaded values indicate exceedance of RSCOs.

ND: Compound Not Detected

B: Analyte was found in the associated blank.

J: The concentration listed is an estimated value, which is less than the specified minimum detection limit but is greater than zero.

NA: Not Applicable.

Table 3
SUMMARY OF SOIL SAMPLE RESULTS FOR SVOCs

Contract CH053
East Side Access Project
Queens, NY

	Boring Identification Sample Collection Depth Laboratory Identification Sample Date	GE-53-7 0-3.5 feet X2221-12 04/03/06	GE-53-8 0-4.5 feet X2128-02 3/27/2006	GE-53-9 0-4 feet 522010 04/21/04	GE-53-10 0-4 feet 522012 04/21/04	GE-53-11 0-5 feet X3510-01 6/28/2006	GE-53-12 0-5 feet X3510-02 6/28/2006	GE-53-13 0-5 feet X3510-03 6/28/2006
Analyte	**NYSDEC Recommended Soil Cleanup Objective (ppm)**							
2-Methylnaphthalene	36,400	ND	ND	ND	ND	ND	ND	ND
Acenaphthene	50,000	ND	ND	ND	12 J	ND	ND	ND
Acenaphthylene	41,000	ND	ND	28 J	9.1 J	ND	ND	ND
Anthracene	50,000	ND	ND	28 J	42 J	ND	ND	ND
Benzaldehyde	---	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene (1)	224	ND	ND	110	85	ND	ND	540 J
Benzo(a)pyrene (1)	61	ND	ND	120	84	ND	ND	380 J
Benzo(b)fluoranthene (1)	220	ND	ND	120	80	ND	ND	640 J
Benzo(g,h,i)perylene	50,000	ND	ND	76 J	46 J	ND	ND	ND
Benzo(k)fluoranthene (1)	220	ND	ND	140	96	100 J	96 J	660 J
Benzoic acid	---	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	50,000	110 JB	96 JB	ND	ND	ND	ND	ND
Butylbenzylphthalate	50,000	ND	ND	ND	ND	ND	ND	ND
Carbazole	---	ND	ND	13 J	20 J	ND	ND	ND
Chrysene (1)	400	ND	ND	140 J	120 J	ND	ND	520 J
Dibenz(a,h)anthracene	143	ND	ND	ND	24 J	ND	ND	ND
Dibenzofuran	6200	ND	ND	ND	ND	ND	ND	ND
Di-n-butyl phthalate	8100*	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	50,000	ND	ND	200 J	220 J	ND	ND	960
Fluorene	50,000	ND	ND	ND	18 J	ND	ND	ND
Indeno(1,2,3-cd)pyrene (1)	3200	ND	ND	74	41	ND	ND	ND
Naphthalene	13,000	ND	ND	9.4 J	ND	ND	ND	ND
Pentachlorophenol	1,000**	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	50,000	ND	ND	88 J	150 J	ND	ND	610 J
Phenol	30**	ND	ND	ND	ND	ND	ND	ND
Pyrene	50,000	ND	ND	190 J	180 J	ND	ND	1200 J
Total Carcinogenic PAHs	25,000 ***	ND	ND	704	530	100	96	2,740
Total SVOCs	500,000	110	96	1,336	1,227	100	96	4,970

NOTES:
Soil samples analyzed for TCL SVOCs by EPA Method 8270C.
TCL : Target Compound List
SVOCs : Semi-Volatile Organic Compounds
Analytical data reported in parts per billion (ppb) or micrograms per kilogram (ug/Kg).
Guidance values are Recommended Soil Cleanup Objectives from NYSDEC Consolidation Memo (12/20/00) and NYSDEC TAGM 94-4046 (1/21/94).

(1): Carcinogenic Polycyclic Aromatic Hydrocarbons (cPAHs) as defined by NYSDEC ROD for Sunnyside Yard (3/27/98).
***: Site specific guidance values for Total cPAHs in surface and subsurface soils as per 1997 NYSDEC ROD for OU-1 of Sunnyside Yard.
Shaded values indicate exceedance of RSCOs.
ND: Compound Not Detected
B: Analyte was found in the associated blank.
J: The concentration listed is an estimated value, which is less than the specified minimum detection limit but is greater than zero.
NA: Not Applicable.

Table 3

SUMMARY OF SOIL SAMPLE RESULTS FOR SVOCs

Contract CH053
East Side Access Project
Queens, NY

	Boring Identification Sample Collection Depth Laboratory Identification Sample Date	GE-53-16 0-4 feet X2221-10 04/03/06	GE-53-17 0-4 feet X3782-02 7/19/2006	GE-53-18 0-6 feet X3782-04 7/19/2006	GE-53-19 0-6 feet X3782-06 7/19/2006	GE-53-20 0-6 feet X3782-08 7/19/2006	GE-53-22 0-5 feet X2128-06 3/27/2006	GE-53-23 0-5 feet X2128-08 3/27/2006
Analyte	**NYSDEC Recommended Soil Cleanup Objective (ppm)**							
2-Methylnaphthalene	36,400	ND	ND	78 J	60 J	ND	ND	ND
Acenaphthene	*50,000*	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	41,000	ND	ND	310 J	88 J	ND	ND	ND
Anthracene	50,000	56 J	ND	280 J	90 J	ND	ND	ND
Benzaldehyde	---	ND	ND	ND	ND	ND	ND	130 J
Benzo(a)anthracene [1]	224	270 J	ND	1,400	460	140 J	ND	ND
Benzo(a)pyrene [1]	61	270 J	ND	2,000	360	130 J	ND	ND
Benzo(b)fluoranthene [1]	220	650	84 J	3,400	740	250	ND	ND
Benzo(g,h,i)perylene	50,000	ND	ND	1,300	270 J	82 J	ND	ND
Benzo(k)fluoranthene [1]	220	270 J	ND	1,200	270 J	98 J	ND	ND
Benzoic acid	---	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	50,000	440 B	180 J	ND	170 J	ND	140 JB	ND
Butylbenzylphthalate	50,000	66 J	ND	ND	ND	ND	ND	ND
Carbazole	---	ND	ND	ND	ND	ND	ND	ND
Chrysene [1]	400	350 J	ND	1,700	470	180 J	ND	ND
Dibenz(a,h)anthracene	143	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran	*6200*	ND	ND	61 J	ND	ND	ND	ND
Di-n-butyl phthalate	8100*	ND	ND	ND	ND	260 J	ND	ND
Fluoranthene	50,000	370	ND	1,100	780	320 J	ND	ND
Fluorene	50,000	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene [1]	3200	ND	ND	660	130 J	68 J	ND	ND
Naphthalene	13,000	ND	ND	160 J	140 J	ND	ND	ND
Pentachlorophenol	1,000**	ND	ND	ND	ND	ND	ND	ND
Phenanthrene	50,000	260 J	ND	250 J	170 J	260 J	ND	ND
Phenol	30**	ND	ND	ND	ND	ND	ND	ND
Pyrene	50,000	820	ND	2,800	1,100	250 J	ND	ND
Total Carcinogenic PAHs	25,000 **	1,810	84	10,360	2,430	866	ND	ND
Total SVOCs	500,000	3,822	264	16,699	5,298	2,038	140	130

NOTES:

Soil samples analyzed for TCL SVOCs by EPA Method 8270C.

***TCL** : Target Compound List*

***SVOCs** : Semi-Volatile Organic Compounds*

Analytical data reported in parts per billion (ppb) or micrograms per kilogram (ug/Kg).

Guidance values are Recommended Soil Cleanup Objectives from NYSDEC Consolidation Memo (12/20/00) and NYSDEC TAGM 94-4046 (1/21/94).

(1): Carcinogenic Polycyclic Aromatic Hydrocarbons (cPAHs) as defined by NYSDEC ROD for Sunnyside Yard (3/27/98).

***: Site specific guidance values for Total cPAHs in surface and subsurface soils as per 1997 NYSDEC ROD for OU-1 of Sunnyside Yard.

Shaded values indicate exceedance of RSCOs.

ND: Compound Not Detected

B: Analyte was found in the associated blank.

J: The concentration listed is an estimated value, which is less than the specified minimum detection limit but is greater than zero.

NA: Not Applicable.

Table 3
SUMMARY OF SOIL SAMPLE RESULTS FOR SVOCs

Contract CH053
East Side Access Project
Queens, NY

Analyte	Boring Identification / Sample Collection Depth / Laboratory Identification / Sample Date	NYSDEC Recommended Soil Cleanup Objective (ppm)	GE-53-24 0-5 feet X2128-10 3/27/2006	GE-53-25 0-5 feet X2128-12 3/27/2006	GE-54-9 0-5 feet X3510-07 6/28/2006	GE-54-10 0-5 feet X3510-06 6/28/2006	CV-2 0-5 feet X3263-02 06/12/06	UT-10 0-5 feet X3263-04 06/12/06	WB-4 0-5 feet X3286-02 06/14/06	WB-4 10-12 feet X3345-02 06/15/06
2-Methylnaphthalene		36,400	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthene		50,000	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene		41,000	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene		50,000	ND	92 J	ND	ND	ND	ND	ND	140 J
Benzaldehyde		---	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene [1]		224	ND	370	190 J	ND	ND	ND	ND	170 J
Benzo(a)pyrene [1]		61	ND	360 J	150 J	ND	ND	ND	ND	110 J
Benzo(b)fluoranthene [1]		220	ND	260	260 J	62 J	ND	ND	ND	120 J
Benzo(g,h,i)perylene		50,000	ND	100 J	86 J	ND	ND	ND	ND	ND
Benzo(k)fluoranthene [1]		220	ND	250 J	170 J	120 J	85 J	95 J	85 J	ND
Benzoic acid		---	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate		50,000	87 JB	120 JB	72 J	ND	ND	ND	190 J	ND
Butylbenzylphthalate		50,000	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole		---	ND	61 J	ND	ND	ND	ND	ND	ND
Chrysene [1]		400	ND	ND	220 J	ND	ND	ND	ND	150 J
Dibenz(a,h)anthracene		143	ND	ND	ND	ND	ND	ND	ND	ND
Dibenzofuran		*6200*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*
Di-n-butyl phthalate		8100*	ND	170 J	ND	ND	ND	ND	ND	ND
Fluoranthene		50,000	ND	780	370 J	72 J	ND	ND	ND	380 J
Fluorene		50,000	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene [1]		3200	ND	ND	62 J	ND	ND	ND	ND	79 J
Naphthalene		13,000	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol		1,000**	ND	ND	ND	ND	ND	ND	ND	ND
Phenanthrene		50,000	ND	580	210 J	ND	ND	ND	ND	410 J
Phenol		30**	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene		50,000	ND	1200	420	70 J	ND	ND	ND	330 J
Total Carcinogenic PAHs		25,000 **	ND	1,740	1,052	182	85	95	85	629
Total SVOCs		500,000	87	4,843	2,210	324	85	95	275	1,889

NOTES:
Soil samples analyzed for TCL SVOCs by EPA Method 8270C.
TCL : Target Compound List
SVOCs : Semi-Volatile Organic Compounds
Analytical data reported in parts per billion (ppb) or micrograms per kilogram (ug/Kg).
Guidance values are Recommended Soil Cleanup Objectives from NYSDEC Consolidation Memo (12/20/00) and NYSDEC TAGM 94-4046 (1/21/94).

(1): Carcinogenic Polycyclic Aromatic Hydrocarbons (cPAHs) as defined by NYSDEC ROD for Sunnyside Yard (3/27/98).
***: Site specific guidance values for Total cPAHs in surface and subsurface soils as per 1997 NYSDEC ROD for OU-1 of Sunnyside Yard.
Shaded values indicate exceedance of RSCOs.
ND: Compound Not Detected
B: Analyte was found in the associated blank.
J: The concentration listed is an estimated value, which is less than the specified minimum detection limit but is greater than zero.
NA: Not Applicable.

Table 4

SUMMARY OF SOIL SAMPLE RESULTS FOR PCBs

Contract CH053
East Side Access Project
Queens, NY

Boring Identification		GE-53-3	GE-53-3	GE-53-13	GE-53-16	GE-53-17	GE-53-18
Sample Collection Depth		0-5 feet	12-14 feet	0-5 feet	0-4 feet	0-4 feet	0-6 feet
Laboratory Identification		X3906-02	X3906-08	X3510-03	X2221-10	X3782-02	X3782-04
Sample Date		7/26/2006	7/27/2006	6/28/2006	4/3/2006	7/19/2006	7/19/2006
Analyte	**Guidance Value (ppb)**						
Aroclor 1016	---	ND	ND	ND	ND	ND	ND
Aroclor 1221	---	ND	ND	ND	ND	ND	ND
Aroclor 1232	---	ND	ND	ND	ND	ND	ND
Aroclor 1242	---	ND	ND	ND	ND	ND	ND
Aroclor 1248	---	ND	ND	ND	ND	ND	ND
Aroclor 1254	---	ND	**320 P**	ND	ND	ND	ND
Aroclor 1260	---	**2,200**	ND	**990 E**	**170**	**90**	**4,100 E**
Total PCBs	25,000*	2,200	320	**990**	**170**	**90**	**4,100**

NOTES:

Soil samples analyzed for PCBs by EPA Method 8082.

Analytical data reported in parts per billion (ppb) or micrograms per kilogram (ug/Kg).

*: Primary guidance value is the Site Specific guidance value for Total PCBs in surface and subsurface soils as per 1997 NYSDEC ROD for ou-1 of Sunnyside Yard Recommended Cleanup Objectives for surface soil.

ND: Compound Not Detected

J: The concentration listed is an estimated value, which is less than the specified minimum detection limit but is greater than zero.

NA: Not Applicable.

E: Value exceeds calibration range

P: For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

Table 4

SUMMARY OF SOIL SAMPLE RESULTS FOR PCBs

Contract CH053
East Side Access Project
Queens, NY

Boring Identification		GE-53-19	GE-53-25	GE-54-9	GE-54-10	UT-10	
Sample Collection Depth		0-6 feet	0-5 feet	0-5 feet	0-5 feet	0-5 feet	
Laboratory Identification		X3782-06	X2128-12	X3510-07	X3510-06	X3263-04	
Sample Date		7/19/2006	3/27/2006	6/28/2006	6/28/2006	06/12/06	
Compound	**Guidance Value (ppb)**						
Aroclor 1016	---	ND	ND	ND	ND	ND	
Aroclor 1221	---	ND	ND	ND	ND	ND	
Aroclor 1232	---	ND	ND	ND	ND	ND	
Aroclor 1242	---	ND	ND	ND	ND	ND	
Aroclor 1248	---	ND	ND	ND	ND	ND	
Aroclor 1254	---	ND	**79**	ND	ND	ND	
Aroclor 1260	---	**200**	ND	**71**	**83**	**43**	**P**
Total PCBs	25,000*	**200**	**79**	**71**	**83**	**43**	

NOTES:

Soil samples analyzed for PCBs by EPA Method 8082.

Analytical data reported in parts per billion (ppb) or micrograms per kilogram (ug/Kg).

*: Primary guidance value is the Site Specific guidance value for Total PCBs in surface and subsurface soils as per 1997 NYSDEC ROD for ou-1 of Sunnyside Yard Recommended Cleanup Objectives for surface soil.

ND: Compound Not Detected

J: The concentration listed is an estimated value, which is less than the specified minimum detection limit but is greater than zero.

NA: Not Applicable.

E: Value exceeds calibration range

P: For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

Table 5

SUMMARY OF SOIL SAMPLE RESULTS FOR TOTAL RCRA METALS
Contract CH053
East Side Access Project
Queens, NY

Boring Location Identification Sample Collection Depth Lab ID Sample Collection Date			GE-53-1 0-5 feet X2221-04 04/03/06		GE-53-3 0-5 feet X3906-02 07/26/06		GE-53-3 12-14 feet X3906-08 07/27/06		GE-53-3 25-27 feet X3906-10 07/27/06		GE-53-4 0-3.5 feet X2221-06 04/03/06	
Analyte	**NYSDEC Recommended Soil Cleanup Objective (ppm)**	**NYSDEC Site Specific ROD Value ***										
Arsenic	7.5 or SB	NA	5.3		1.81		1.650		ND		7.4	
Barium	300 or SB	NA	50.4		62.0	NE	38.9	NE	36.9	NE	41.0	
Cadmium	1 or SB	NA	ND		1.290		ND		ND		ND	
Chromium	*10 or SB*	NA	11.2		24.5	E	*9.010*	E	*5.930*	E	14.1	
Lead	SB	1000	45.1	N	361		41.0		3.210		50.4	N
Mercury	0.1	NA	0.178		0.167	N	0.166	N	0.014	N*	0.116	
Selenium	2 or SB	NA	0.39	J	1.480		ND		ND		ND	
Silver	SB (0.51-0.57)[1]	NA	0.47	J	ND		ND		ND		0.70	J

NOTES:

Total RCRA Metals by Method SW-846 6010 (Except Mercury by Method SW-846 7471).

Total Lead by Method 6010B.

Guidance values are Recommended Soil Cleanup Objectives from NYSDEC Consolidation Memo (12/20/00) and NYSDEC TAGM 94-4046 (1/21/94).

Shaded values indicate exceedance of RSCOs.

Analytical data reported in parts per million (ppm) or milligrams per kilogram.

D: The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

E: The reported value is estimated because of the presence of interference.

SB: Site Background

ND: Not Detected

J: Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero.

NA: Not Analyzed

N: Spiked sample recovery not within control limits

*: Primary guidance value is the Site Specific guidance value for Total Lead in soils as per 1997 NYSDEC ROD for OU-1 of Sunnyside Yard.

(1) Site-specific background range of 0.51 to 0.57 ppm (Roux, 1995 RI Study).

Table 5

SUMMARY OF SOIL SAMPLE RESULTS FOR TOTAL RCRA METALS
Contract CH053
East Side Access Project
Queens, NY

Boring Location Identification Sample Collection Depth Lab ID Sample Collection Date			GE-53-5 0-6 feet X3906-04 07/26/06		GE-53-5 18-20 feet X3906-06 07/27/06		GE-53-6 0-5 feet X2221-08 04/03/06		GE-53-7 0-3.5 feet X2221-12 04/03/06		GE-53-8 0-4.5 feet X2128-02 3/27/06	
Analyte	**NYSDEC Recommended Soil Cleanup Objective (ppm)**	**NYSDEC Site Specific ROD Value ***										
Arsenic	7.5 or SB	NA	2.750		1.900		3.0		1.4		2.10	
Barium	300 or SB	NA	42.1	NE	38.2	NE	36.2		30.70		32.30	
Cadmium	1 or SB	NA	ND		ND		ND		ND		ND	
Chromium	10 or SB	NA	16.7	D	19.2	D	9.7		6.0		15.10	
Lead	SB	1000	21.5		22.3		48.5	N	8.6	N	13.90	N
Mercury	0.1	NA	0.036	N*	0.050	N*	0.091		0.026		0.029	
Selenium	2 or SB	NA	0.475	J	ND		ND		ND		0.43	J
Silver	SB (0.51-0.57)[(1)]	NA	ND		ND		0.37	J	0.18	J	0.31	J

NOTES:

Total RCRA Metals by Method SW-846 6010 (Except Mercury by Method SW-846 7471).

Total Lead by Method 6010B.

Guidance values are Recommended Soil Cleanup Objectives from NYSDEC Consolidation Memo (12/20/00) and NYSDEC TAGM 94-4046 (1/21/94).

Shaded values indicate exceedance of RSCOs.

Analytical data reported in parts per million (ppm) or milligrams per kilogram.

D: The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

E: The reported value is estimated because of the presence of interference.

SB: Site Background

ND: Not Detected

J: *Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero.*

NA: Not Analyzed

N: Spiked sample recovery not within control limits

*: Primary guidance value is the Site Specific guidance value for Total Lead in soils as per 1997 NYSDEC ROD for OU-1 of Sunnyside Yard.

(1) Site-specific background range of 0.51 to 0.57 ppm (Roux, 1995 RI Study).

Table 5

SUMMARY OF SOIL SAMPLE RESULTS FOR TOTAL RCRA METALS
Contract CH053
East Side Access Project
Queens, NY

Boring Location Identification Sample Collection Depth Lab ID Sample Collection Date			GE-53-9 0-4 feet 522010 4/21/04	GE-53-10 0-4 feet 522012 4/21/04	GE-53-11 0-5 feet X3510-01 6/28/2006	GE-53-12 0-5 feet X3510-02 6/28/2006	GE-53-13 0-5 feet X3510-03 6/28/2006
Analyte	**NYSDEC Recommended Soil Cleanup Objective (ppm)**	**NYSDEC Site Specific ROD Value ***					
Arsenic	7.5 or SB	NA	NA	NA	7.750 N	0.825 J	13.8 N
Barium	300 or SB	NA	NA	NA	30.8 E	27.3 E	73.6 E
Cadmium	1 or SB	NA	NA	NA	0.272 J	ND	0.622
Chromium	10 or SB	NA	NA	NA	12.0 E	7.530 E	20.1 E
Lead	SB	1000	29	26.4	32.0 E	4.880 E	187 E
Mercury	0.1	NA	NA	NA	0.026	0.021	0.546
Selenium	2 or SB	NA	NA	NA	ND	ND	ND
Silver	SB (0.51-0.57)(1)	NA	NA	NA	ND	ND	ND

NOTES:

Total RCRA Metals by Method SW-846 6010 (Except Mercury by Method SW-846 7471).

Total Lead by Method 6010B.

Guidance values are Recommended Soil Cleanup Objectives from NYSDEC Consolidation Memo (12/20/00) and NYSDEC TAGM 94-4046 (1/21/94).

Shaded values indicate exceedance of RSCOs.

Analytical data reported in parts per million (ppm) or milligrams per kilogram.

D: The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

E: The reported value is estimated because of the presence of interference.

SB: Site Background

ND: Not Detected

J: Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero.

NA: Not Analyzed

N: Spiked sample recovery not within control limits

*: Primary guidance value is the Site Specific guidance value for Total Lead in soils as per 1997 NYSDEC ROD for OU-1 of Sunnyside Yard.

(1) Site-specific background range of 0.51 to 0.57 ppm (Roux, 1995 RI Study).

Table 5

SUMMARY OF SOIL SAMPLE RESULTS FOR TOTAL RCRA METALS
Contract CH053
East Side Access Project
Queens, NY

Boring Location Identification Sample Collection Depth Lab ID Sample Collection Date			GE-53-16 0-4 feet X2221-10 04/03/06		GE-53-17 0-4 feet X3782-02 7/19/2006		GE-53-18 0-6 feet X3782-04 7/19/2006		GE-53-19 0-6 feet X3782-06 7/19/2006		GE-53-20 0-6 feet X3782-08 7/19/2006	
Analyte	**NYSDEC Recommended Soil Cleanup Objective (ppm)**	**NYSDEC Site Specific ROD Value ***										
Arsenic	7.5 or SB	NA	6.7		4.180		6.220		1.730		4.280	
Barium	300 or SB	NA	79.10		36.3		31.7		29.1		44.2	
Cadmium	1 or SB	NA	2.3		ND		ND		ND		ND	
Chromium	10 or SB	NA	18.3		10.7	N	14.0	N	10.4	N	16.6	N
Lead	SB	1000	154	N	37.9	E	75.1	E	27.0	E	87.6	E
Mercury	0.1	NA	2.2	D	0.055	N	0.082	N	0.030	N	0.034	N
Selenium	2 or SB	NA	1.7		0.570	J	0.824	J	0.447	J	0.848	J
Silver	SB (0.51-0.57)[1]	NA	0.93	J	ND		ND		ND		ND	

NOTES:

Total RCRA Metals by Method SW-846 6010 (Except Mercury by Method SW-846 7471).

Total Lead by Method 6010B.

Guidance values are Recommended Soil Cleanup Objectives from NYSDEC Consolidation Memo (12/20/00) and NYSDEC TAGM 94-4046 (1/21/94).

Shaded values indicate exceedance of RSCOs.

Analytical data reported in parts per million (ppm) or milligrams per kilogram.

D: The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

E: The reported value is estimated because of the presence of interference.

SB: Site Background

ND: Not Detected

J: Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero.

NA: Not Analyzed

N: Spiked sample recovery not within control limits

*: Primary guidance value is the Site Specific guidance value for Total Lead in soils as per 1997 NYSDEC ROD for OU-1 of Sunnyside Yard.

(1) Site-specific background range of 0.51 to 0.57 ppm (Roux, 1995 RI Study).

Table 5

SUMMARY OF SOIL SAMPLE RESULTS FOR TOTAL RCRA METALS
Contract CH053
East Side Access Project
Queens, NY

Boring Location Identification Sample Collection Depth Lab ID Sample Collection Date			GE-53-21 0-4.5 feet X2128-04 3/27/06		GE-53-22 0-5 feet X2128-06 03/27/06		GE-53-23 0-5 feet X2128-08 03/27/06		GE-53-24 0-5 feet X2128-10 03/27/06		GE-53-25 0-5 feet X2128-12 03/27/06	
Analyte	**NYSDEC Recommended Soil Cleanup Objective (ppm)**	**NYSDEC Site Specific ROD Value ***										
Arsenic	7.5 or SB	NA	1.20		2.00		2.30		1.70		2.50	
Barium	300 or SB	NA	28.20		46.50		34.00		29.20		44.10	
Cadmium	1 or SB	NA	ND		ND		ND		ND		1.10	
Chromium	10 or SB	NA	9.20		12.50		15.70		10.70		10.00	
Lead	SB	1000	6.00	N	30.10	N	12.50	N	11.60	N	85.80	N
Mercury	0.1	NA	0.009	J	0.040		0.026		0.015		0.086	
Selenium	2 or SB	NA	ND		0.65	J	ND		ND		0.63	J
Silver	SB (0.51-0.57)[1]	NA	0.24	J	0.33	J	0.53	J	0.18	J	0.54	J

NOTES:

Total RCRA Metals by Method SW-846 6010 (Except Mercury by Method SW-846 7471).

Total Lead by Method 6010B.

Guidance values are Recommended Soil Cleanup Objectives from NYSDEC Consolidation Memo (12/20/00) and NYSDEC TAGM 94-4046 (1/21/94).

Shaded values indicate exceedance of RSCOs.

Analytical data reported in parts per million (ppm) or milligrams per kilogram.

D: The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

E: The reported value is estimated because of the presence of interference.

SB: Site Background

ND: Not Detected

J: Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero.

NA: Not Analyzed

N: Spiked sample recovery not within control limits

*: Primary guidance value is the Site Specific guidance value for Total Lead in soils as per 1997 NYSDEC ROD for OU-1 of Sunnyside Yard.

(1) Site-specific background range of 0.51 to 0.57 ppm (Roux, 1995 RI Study).

Table 5

SUMMARY OF SOIL SAMPLE RESULTS FOR TOTAL RCRA METALS
Contract CH053
East Side Access Project
Queens, NY

Boring Location Identification Sample Collection Depth Lab ID Sample Collection Date			GE-54-9 0-5 feet X3510-07 6/28/2006	GE-54-10 0-5 feet X3510-06 6/28/2006	CV-2 0-5 feet X3263-02 06/12/06	UT-10 0-5 feet X3263-04 06/12/06	WB-4 0-5 feet X3286-02 06/14/06	WB-4 10-12 feet X3345-02 06/15/06
Analyte	**NYSDEC Recommended Soil Cleanup Objective (ppm)**	**NYSDEC Site Specific ROD Value ***						
Arsenic	7.5 or SB	NA	4.520 E	2.960 E	1.320	2.380	1.780	0.572
Barium	300 or SB	NA	74.2 E	44.7 E	11.6 JE	25.3	55.3	13.9 J
Cadmium	1 or SB	NA	0.132 J	0.351 J	0.160 JN	0.104 J	0.040 J	ND
Chromium	10 or SB	NA	12.5 E	11.5 E	3.690	5.2	12.8	7.690
Lead	SB	1000	78.2 E	42.8 E	6.940	24.5	6.970	0.800
Mercury	0.1	NA	0.070	0.064	0.025	ND	ND	ND
Selenium	2 or SB	NA	ND	ND	ND	ND	ND	ND
Silver	SB (0.51-0.57)[1]	NA	ND	ND	0.148 JN	ND	ND	ND

NOTES:

Total RCRA Metals by Method SW-846 6010 (Except Mercury by Method SW-846 7471).

Total Lead by Method 6010B.

Guidance values are Recommended Soil Cleanup Objectives from NYSDEC Consolidation Memo (12/20/00) and NYSDEC TAGM 94-4046 (1/21/94).

Shaded values indicate exceedance of RSCOs.

Analytical data reported in parts per million (ppm) or milligrams per kilogram.

D: The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

E: The reported value is estimated because of the presence of interference.

SB: Site Background

ND: Not Detected

J: Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than zero.

NA: Not Analyzed

N: Spiked sample recovery not within control limits

*: Primary guidance value is the Site Specific guidance value for Total Lead in soils as per 1997 NYSDEC ROD for OU-1 of Sunnyside Yard.

(1) Site-specific background range of 0.51 to 0.57 ppm (Roux, 1995 RI Study).

Table 6

SUMMARY OF SOIL SAMPLE RESULTS FOR TCLP RCRA METALS

Contract CH053
East Side Access Project
Queens, NY

Boring Location Identification		GE-53-9		GE-53-10		CV-1		CV-1	
Sample Collection Depth		0-4 feet		0-4 feet		5-7 feet		15-17 feet	
Lab ID		522010		522012		T4301-02		T4301-04	
Sample Collection Date		4/21/04		4/21/04		8/17/05		8/17/05	
	TCLP Standard (ppm)	**Concentration (ppm or mg/L)**							
Arsenic	5	ND		ND		ND		ND	
Barium	100	**1.6**		**0.28**	**J**	**0.27**	**JN**	**0.322**	**JN**
Cadmium	1	**0.003**	**J**	ND		ND		ND	
Chromium	5	**0.02**	**J**	ND		***0.0105***	**JN**	***0.0146***	**JN**
Lead	5	**0.09**	**J**	**0.02**	**J**	ND		ND	
Mercury	0.2	ND		ND		ND		ND	
Selenium	1	ND		ND		ND		ND	
Silver	5	ND		ND		ND		ND	

NOTES:

Toxicity Characteristics Leaching Procedure (TCLP) Metals by Method SW1311, except Mercury by Method SW7470.

TCLP Standards are EPA Hazardous Waste Regulatory Levels for Toxicity Characteristics.

Shaded values indicated exceedance of EPA regulatory levels.

ND: Not Detected

J: Reported value is less than the Practical Quantification Limit, but greater than or equal to the Instrument Detection Limit.

N: Spiked sample recovery not within control limits.

Table 7

SUMMARY OF GROUNDWATER SAMPLE RESULTS FOR VOCs

East Side Access Project
Queens, NY

Sample Well Identification Laboratory Identification Sample Collection Date		SY-135W (TE-MW-A-3) 0310126-01A 10/16/2003	SY-178W X4163-01 8/16/2006
Compound	Groundwater Standard (ug/L)	Concentration (ug/L or ppb)	Concentration (ug/L or ppb)
Acetone *	50	ND	ND
Benzene	1	ND	ND
Bromobenzene **	5	ND	ND
Bromochloromethane **	5	ND	ND
Bromodichloromethane *	50	ND	ND
Bromoform *	50	ND	ND
Bromomethane **	5	ND	ND
2-Butanone	NA	ND	ND
n-Butylbenzene **	5	ND	ND
sec-Buylbenzene **	5	ND	ND
tert-Butylbenzene **	5	ND	ND
Carbon Disulfide	NA	ND	ND
Carbon Tetrachloride	5	ND	ND
Chlorobenzene **	5	ND	ND
Chloroform	7	ND	ND
Chloroethane **	5	ND	ND
Chloromethane	NA	ND	ND
2-Chlorotoluene **	5	ND	ND
4-Chlorotoluene **	5	ND	ND
Dibromochloromethane *	50	ND	ND
1,2-Dibromo-3-chloropropane	0.04	ND	ND
1,2-Dibromoethane	NA	ND	ND
Dibromomethane **	5	ND	ND
1,2-Dichlorobenzene	3	ND	ND
1,3-Dichlorobenzene	3	ND	ND
1,4-Dichlorobenzene	3	ND	ND
Dichlorodifluoromethane **	5	ND	ND
1,1-Dichloroethane **	5	ND	ND
1,2-Dichloroethane	0.6	ND	ND
1,1 -Dichloroethene **	5	ND	ND
1,1 -Dichloroethane **	5	ND	ND
cis-1,2-Dichloroethene **	5	ND	ND
trans-1,2-Dichloroethene **	5	ND	ND
1,2 -Dichloroethane	0.6	ND	ND
1,2-Dichloropropane	1	ND	ND
1,3-Dichloropropane **	5	ND	ND
2,2-Dichloropropane **	5	ND	ND
1,1-Dichloropropene **	5	ND	ND
cis-1,3-Dichloropropene ***	0.4	ND	ND
trans-1,3-Dichloropropene ***	0.4	ND	ND
Diethyl Ether	NA	ND	ND
Ethylbenzene **	5	ND	ND
Hexachlorobutadiene	0.5	ND	ND
2-Hexanone **	50	ND	ND
Isopropylbenzene **	5	ND	ND
4-Isopropyltoluene **	5	ND	ND
Methylene Chloride **	5	ND	ND
4-Methyl-2-Pentanone	NA	ND	ND
Naphthalene *	10	ND	ND
n-Propylbenzene **	5	ND	ND
Styrene **	5	ND	ND

Table 7

SUMMARY OF GROUNDWATER SAMPLE RESULTS FOR VOCs

East Side Access Project
Queens, NY

Sample Well Identification Laboratory Identification Sample Collection Date		SY-135W (TE-MW-A-3) 0310126-01A 10/16/2003	SY-178W X4163-01 8/16/2006
Compound	Groundwater Standard (ug/L)	Concentration (ug/L or ppb)	Concentration (ug/L or ppb)
1,1,1,2-Tetrachloroethane **	5	ND	ND
1,1,2,2-Tetrachloroethane **	5	ND	ND
Tetrachloroethene **	5	ND	ND
Tetrahydrofuran *	50	ND	ND
Toluene **	5	ND	ND
1,2,3-Trichlorobenzene **	5	ND	ND
1,2,4-Trichlorobenzene **	5	ND	ND
1,1,2-Trichloroethane	1	ND	ND
Trichloroethene **	5	ND	ND
1,1,1 -Trichloroethane **	5	ND	ND
1,2,3-Trichloropropane	0.04	ND	ND
Trichlorofluoromethane **	5	ND	ND
1,2,4-Trimethylbenzene **	5	ND	ND
1,3,5-Trimethylbenzene **	5	ND	ND
Vinyl chloride	2	ND	ND
Xylene (Total) **	5	ND	ND
Total Chlorinated VOCs	NA	0	0

NOTE:
Data reported in micrograms per liter (ug/L) or parts per billion (ppb).
Standards are the NYSDEC Class GA Water Quality Standard as per T.O.G.S. 1.1.1, "Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations," June 1998.
* Class GA Guidance Value. No Class GA Standard exists for analyte.
** The principal organic contaminant standard for groundwater of 5 ug/l applies to this substance.
*** Applies to the sum of cis- and trans-1,3-dichloropropene.

Samples analyzed for TCL VOCs by EPA Method 8260.
All compounds analyzed are reported.
TAL = Target Compound List
ND = Not detected.

Table 8

SUMMARY OF GROUNDWATER SAMPLE RESULTS FOR SVOCs

East Side Access Project
Queens, NY

Sample Well Identification Laboratory ID Sample Collection Date		SY - 135W (TE-MW-A-3) 0310126-01A 10/16/2003	SY - 178W X4163-01 8/16/2006
Compound	Groundwater Standard and Guidance Values (ug/L)	Concentration (ug/L or ppb)	Concentration (ug/L or ppb)
Acenaphthene *	20	ND	ND
Acenaphthylene	NA	ND	ND
Anthracene	50	ND	ND
Benz(a)anthracene * (1)	0.002	ND	ND
Benzo(a)pyrene (1)	NA	ND	ND
Benzo(b)fluoranthene * (1)	0.002	ND	ND
Benzo(g,h,i)perylene	NA	ND	ND
Benzo(k)fluoranthene * (1)	0.002	ND	ND
Benzoic acid	NA	ND	ND
Benzyl alcohol	NA	ND	ND
4-Bromophenyl phenyl ether	NA	ND	ND
Bis(2-chloroethoxy)methane **	5	ND	ND
Bis(2-chloroethyl)ether	1.0	ND	ND
Bis(2-chloroisopropyl)ether	NA	ND	ND
Bis(2-ethylhexyl)phthalate	5	ND	ND
Butyl benzyl phthalate **	50	ND	ND
Carbazole	NA	ND	ND
4-Chloroaniline **	5	ND	ND
4-Chloro-3-methylphenol	NA	ND	ND
2-Chloronaphthalene *	10	ND	ND
2-Chlorophenol	NA	ND	ND
4-Chlorophenyl phenyl ether	NA	ND	ND
Chrysene * (1)	0.002	ND	ND
Dibenz(a,h)anthracene (1)	NA	ND	ND
Dibenzofuran	NA	ND	ND
1,2-Dichlorobenzene	3	ND	ND
1,3-Dichlorobenzene	3	ND	ND
1,4-Dichlorobenzene	3	ND	ND
3,3'-Dichlorobenzidine **	5	ND	ND
2,4-Dichlorophenol **	5	ND	ND
Diethyl phthalate *	50	21.0	ND
2,4-Dimethylphenol *	50	ND	ND
Dimethyl phthalate *	50	ND	ND
Di-n-butyl phthalate	NA	ND	ND
Di-n-octyl phthalate *	50	ND	ND
4,6-Dinitro-2-methylphenol	NA	ND	ND
2,4-Dinitrophenol *	10	ND	ND
2,4-Dinitrotoluene **	5	ND	ND
2,6-Dinitrotoluene **	5	ND	ND
1,2-Diphylhydrazine (as Azobenzene)	NA	ND	ND
Fluoranthene *	50	ND	ND
Fluorene *	50	ND	ND
Hexachlorobenzene	0.04	ND	ND
Hexachlorobutadiene	0.5	ND	ND
Hexachlorocyclopentadiene **	5	ND	ND
Hexachloroethane **	5	ND	ND
Indeno(1,2,3-cd)pyrene * (1)	0.002	ND	ND
Isophorone *	50	ND	ND
2-Methylnaphthalene	NA	ND	ND
2-Methylphenol	NA	ND	ND
4-Methylphenol	NA	ND	ND
Naphthalene *	10	ND	ND
2-Nitroaniline **	5	ND	ND

Table 8

SUMMARY OF GROUNDWATER SAMPLE RESULTS FOR SVOCs

East Side Access Project
Queens, NY

Sample Well Identification Laboratory ID Sample Collection Date		SY - 135W (TE-MW-A-3) 0310126-01A 10/16/2003	SY - 178W X4163-01 8/16/2006
Compound	Groundwater Standard and Guidance Values (ug/L)	Concentration (ug/L or ppb)	Concentration (ug/L or ppb)
3-Nitroaniline **	5	ND	ND
4-Nitrolaniline **	5	ND	ND
Nitrobenzene	0.4	ND	ND
2-Nitrophenol	NA	ND	ND
4-Nitrophenol	NA	ND	ND
N-Nitrosodiphenylamine *	50	ND	ND
N-Nitrosodi-n-propylamine	NA	ND	ND
Pentachlorophenol	1	ND	ND
Phenanthrene *	50	ND	ND
Phenol	1	ND	ND
Pyrene *	50	ND	ND
1,2,4-Trichlorobenzene **	5	ND	ND
2,4,5-Trichlorophenol	NA	ND	ND
2,4,6-Trichlorophenol	NA	ND	ND
Total SVOCs	NA	21.0	0.0

NOTES:
Samples analyzed for TCL SVOCs by EPA Method 8270.
All compounds analyzed are reported.
TAL = Target Compound List
SVOCs: Semi-Volatile organic compounds
ND = Not detected.
NA: Not Applicable
Standards are the NYSDEC Class GA Water Quality Standard as per T.O.G.S. 1.1.1, "Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations, June 1998.
** Class GA Guidance Value. No Class GA Standard exists for analyte.*
** The principal organic contaminant standard for groundwater of 5 ug/L applies to this substance.

Table 9

SUMMARY OF GROUNDWATER SAMPLE RESULTS FOR METALS

East Side Access Project
Queens, NY

Sample Well Identification		SY - 135W (TE-MW-A-3)		SY - 135W (TE-MW-A-3)		SY - 178W		SY - 178W	
Lab ID		310126-01B		310126-01A		X4163-01		X4163-01	
Analysis		TOTAL		DISSOLVED		TOTAL		DISSOLVED	
Sample Collection Date		8/16/2006		8/16/2006		8/16/2006		8/16/2006	
Metal	NYSDEC Groundwater Standards and Guidance Values for Class GA Water (ug/L)	Concentration (ppb or ug/L)							
Aluminum	NA	1,400		ND		14,600	E	6,220	E
Antimony	3	ND		ND		ND		ND	
Arsenic	25	ND		ND		ND		ND	
Barium	1,000	ND		ND		1120	E	74.5	J, E
Beryllium	3	ND		ND		2.1	J	ND	
Cadmium	5	ND		ND		ND		ND	
Calcium	NA	21,000		20,000		56,400		22,500	
Chromium	50	ND		ND		67.5		26.0	
Cobalt	NA	ND		ND		45.1	J	ND	
Copper	200	45.0		30.0		299		36.3	
Iron	300	4100		ND		15,500		11,900	
Lead	25	15.0		ND		17.4		7.1	
Magnesium	35,000	7,200		6,500		18,300		9,340	
Manganese	300	2700		17		4,740		213	
Mercury	0.7	ND		ND		0.45	N	0.050	J, N
Nickel	100	ND		ND		238		29.2	J
Potassium	NA	6,800		6,700		4,030	J,E	2,160	J, E
Selenium	10	ND		ND		7.6	J	4.2	
Silver	50	ND		ND		3.2	J	4.5	J
Sodium	20,000	14,000		14,000		7,470	E	6,540	E
Thallium	0.5	ND		ND		5.2	J	ND	
Vanadium	NA	ND		ND		1.3	J	8.5	J
Zinc	2,000	140		62.0		173	E	56.8	E

NOTES:

Samples analyzed for Target Analyte Metals (TAL) Metals by Method SW6010B except for the following:
Mercury analyzed by Method 7470 A; Arsenic analyzed by Method 7060A;
Lead analyzed by Method 7421; Selenium analyzed by Method 7740;
Thallium analyzed by Method 7841

Dissolved Sample filtered by Laboratory.

ND: not detected

NA: not available

J: concentration listed is an estimated value which is less than the minimum detection limit but is greater than zero

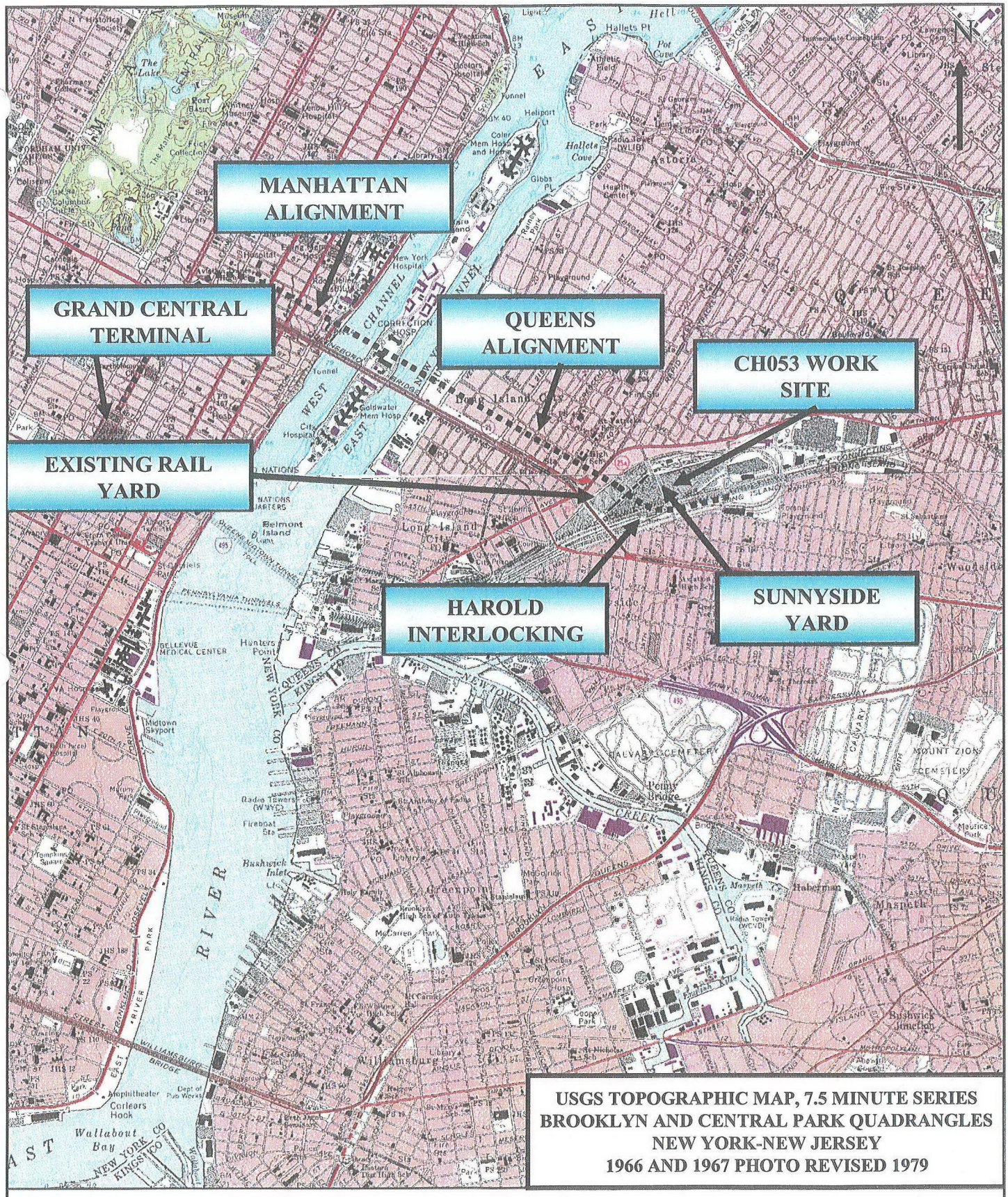
N: spike sample recovery not within control limits.

E: reported value is estimated because of the presence of interference.

Standards are GA groundwater quality standards of NYSDEC TOGS 1.1.1, "Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations," June 1998.

Highlighted value exceeds groundwater standard

FIGURES



USGS TOPOGRAPHIC MAP, 7.5 MINUTE SERIES
BROOKLYN AND CENTRAL PARK QUADRANGLES
NEW YORK-NEW JERSEY
1966 AND 1967 PHOTO REVISED 1979

Metropolitan Transportation Authority
Capital Construction Company

Long Island Rail Road
East Side Access

SITE LOCATION

EAST SIDE ACCESS PROJECT

FIGURE 1

PB
STV
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LEGEND:

100 ------ INFERRED LINE OF EQUAL CONCENTRATION IN PPB (UG/L).

100 ttttttt INFERRED LINE OF EQUAL CONCENTRATION OF TOTAL CHLORINATED VOCS IN PPB (UG/L) WHERE CONCENTRATION IS EXPECTED TO DECREASE.

KINNEY LOT PLUME (SEE NOTE 1)

HISTORIC HONEYWELL STREET BRIDGE PLUME (CHLORINATED VOCs)

HISTORIC 34TH STREET PLUME (BTEX)

APPROXIMATE HISTORIC LIMITS OF PCB-CONTAMINATED PETROLEUM PLUME (SEPARATE PHASE)

HISTORIC NORTHERN BLVD/39TH STREET PLUME (CHLORINATED VOCs)

HISTORIC LOOP TRACK PLUME (BTEX)

HISTORIC CENTRAL YARD PLUME (CHLORINATED VOCs)

AOC #14 (NIC) (SVOCs IN SOIL, PETROLEUM STAINED BALLAST)

HISTORIC SKILLMAN AVE AND 39TH STREET PLUME (CHLORINATED VOCs)

AOC #15 (NIC) (SVOCs IN SOIL)

NORTHERN BLVD

HONEYWELL ST BRIDGE

39TH ST BRIDGE

40ND PL

SKILLMAN AVE

43RD ST

BARNETT AVE

48TH ST

FIGURE 3

FIGURE 4

FIGURE 5

FIGURE 6

FIGURE 7

NOTES:

1. HISTORIC KINNEY LOT PLUME (VOCs & SVOCs) FROM MAY, 2000. AREA HAS BEEN DEWATERED AND EXCAVATED.
2. PLUME DEPICTIONS ARE BASED ON HISTORICAL DATA.

SCALE IN FEET
200' 100' 0 200' 400'

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QUEENS – HAROLD STRUCTURES PART 1
AOCS AND HISTORIC GROUNDWATER PLUMES
FIGURE 2

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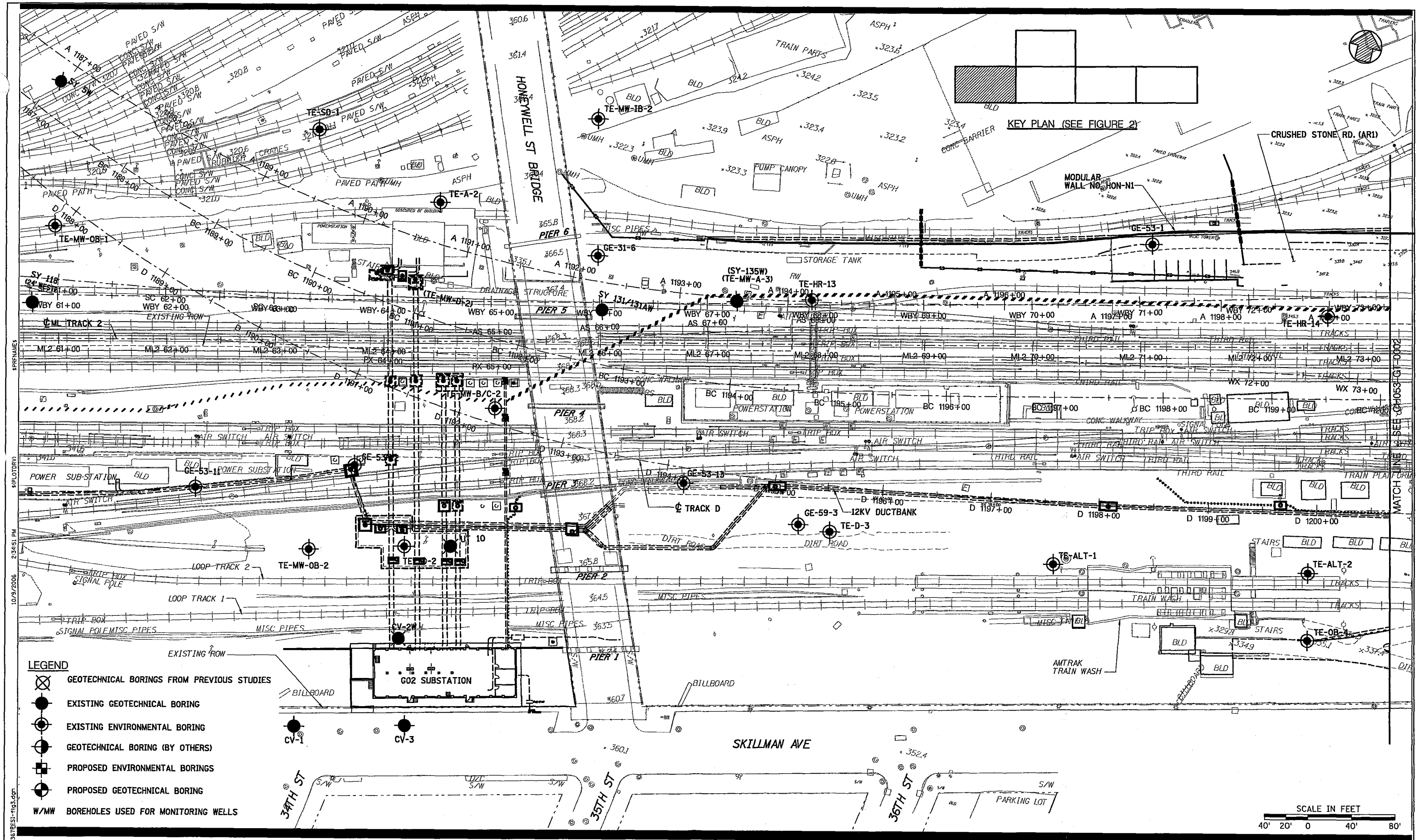

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QUEENS – HAROLD STRUCTURES PART 1
ENVIRONMENTAL BORING LOCATION PLAN
FIGURE 3

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MATCH LINE – SEE FIGURE 7

CRUSHED STONE RD. (AR1)

WB-BYPASS RETAINING WALL 39-N1

18" STORM SEWER

39TH ST BRIDGE

MODULAR WALL NO HON-N1

CRIB WALL

GE-53-4

GE-53-14

LIRR TRACK A APPROACH STRUCTURE

GE-53-16

39TH STREET RAMP

WB BYPASS RETAINING WALL 39-N2

℄ TRACK A

TBM RECEPTION PIT A

SY-153W (TE-MW-A-4)

GE-53-3

NORTH ABUTMENT

GE-53-6

℄ WB BYPASS

WBY 74+00 WBY 75+00 WBY 76+00 WBY 77+00 WBY 78+00 WBY 79+00 WBY 80+00 WBY 81+00 WBY 82+00 WBY 83+00 WBY 84+00 WBY 85+00

A 1200+00 A 1201+00 A 1202+00 A 1203+00 A 1204+00 A 1205+00 A 1206+00 A 1207+00 A 1208+00 A 1209+00 A 1210+00 A 1211+00

TE-HR-15 TE-A-6 TE-HR-16 TE-A-8

PIER 8S

SY 163W

SY 178W

60" UTILITY CROSSING FOR 18" STORM AND 12KV

PROPOSED PIER 8S UNDERPINNING

℄ TRACK B/C

TE-B/C-5 TE-B/C-6 TE-B/C-7

WLP 74+00 WLP 75+00 WLP 76+00 WLP 77+00

WX 74+00 WX 77+00 WX 78+00

BC 1201+00 BC 1202+00 BC 1203+00 BC 1204+00 BC 1205+00 BC 1206+00 BC 1207+00 BC 1208+00 BC 1209+00 BC 1210+00 BC 1211+00 BC 1212+00

SY-154W (TE-MW-B/C-4)

AOC #14 (NIC)

JD 82+00 JD 83+00 JD 84+00 JD 85+00

TE-AOC14-1 TE-AOC14-2 TE-AOC14-3 TE-AOC14-4

TE-D-4 TE-D-5 TE-D-6 TE-D-7

D 1203+00 D 1204+00 D 1205+00 D 1206+00 D 1207+00 D 1208+00 D 1209+00 D 1210+00 D 1211+00 D 1212+00

12KV DUCTBANK

PIER 5S

PIER 4S

PIER 3S

PIER 2S

PIER 1S

EXISTING EASEMENT

RETAINING WALL 39-S1

RETAINING WALL 39-S2

RETAINING WALL 39-S3

TE-ALT-3 TE-ALT-4 TE-ALT-5 TE-ALT-6

GE-54-10

MW-62D MW-61 ABANDONED

TE-MW-1B-3

SY 27W

GE-54-9 HAROLD ACCESS BRIDGE

SY 432

TE-MW-1B/OB-1

TE-1B/OB-2

SOUTH ABUTMENT

EXISTING ROW

GM SERVICE FACILITY

KEY PLAN (SEE FIGURE 2)

QUEENS – HAROLD STRUCTURES PART 1
ADCS AND HISTORIC GROUNDWATER PLUMES
FIGURE 2

NOTES:

1. FOR ENVIRONMENTAL LEGEND, SEE FIGURE 3.
2. PRIOR TO DISCHARGE GROUNDWATER ENCOUNTERED DURING CONSTRUCTION SHALL MEET NYCDEP SEWER DISCHARGE CRITERIA.

SCALE IN FEET
40' 20' 0 40' 80'

MATCH LINE – SEE FIGURE 5

MATCH LINE – SEE FIGURE 3

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QUEENS – HAROLD STRUCTURES PART 1
ENVIRONMENTAL BORING LOCATION PLAN
FIGURE 4

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KEY PLAN (SEE FIGURE 2)

MW-32 ABANDONED

OLD RAILROAD TIES

NEW RAILROAD TIES

12KV DUCTBANK

UTILITY BRIDGE

DEMOLITION OF MATURA BUILDING

37TH AVE

WB BYPASS BRIDGE OVER THE LOOP TRACKS AND 43RD STREET

MODULAR WALL NO 43-N1

℄ TRACK A

TRACK A APPOACH STRUCTURE

TE-ALT-13

GE-53-7

℄ WB BYPASS

℄ PW TRACK 1

℄ LIRR MAIN LINE 1

WB 4

MODULAR WALL NO 43-N2

GE-53-9

SB 34W

TE-A-9

TE-HR-17

TE-HR-18

TE-B/C-8

TE-B/C-9

℄ TRACK B/C

SY 189W

SY 452W

℄ LIRR MAIN LINE 2

TE-HR-39

℄ LIRR MAIN LINE 4

TE-D-9

℄ TRACK D

TE-D-10

TE-IB/OB-9

GE-53-8

GE-53-21

SB 3C

SY 179W

TE-ALT-12

MAINLINE TRACK BRIDGE OVER 43RD ST

℄ LIRR TEMP MAIN LINE 4

RETAINING WALL 43-S2

GM SERVICE FACILITY

BARNETT AVE

TE-IB/OB-8

TE-ALT-11

AOC #15 (NIC)

43RD ST

44TH ST

TE-IB/OB-7

TE-ALT-10

MATCH LINE - SEE FIGURE 4

MATCH LINE - SEE FIGURE 6

NOTES:

1. FOR ENVIRONMENTAL LEGEND, SEE FIGURE 3.
2. PRIOR TO DISCHARGE GROUNDWATER ENCOUNTERED DURING CONSTRUCTION SHALL MEET NYCDEP SEWER DISCHARGE CRITERIA.

SCALE IN FEET
40' 20' 0 40' 80'

Metropolitan Transportation Authority
Capital Construction Company

Long Island Rail Road
East Side Access

QUEENS – HAROLD STRUCTURES PART 1
ENVIRONMENTAL BORING LOCATION PLAN
FIGURE 5

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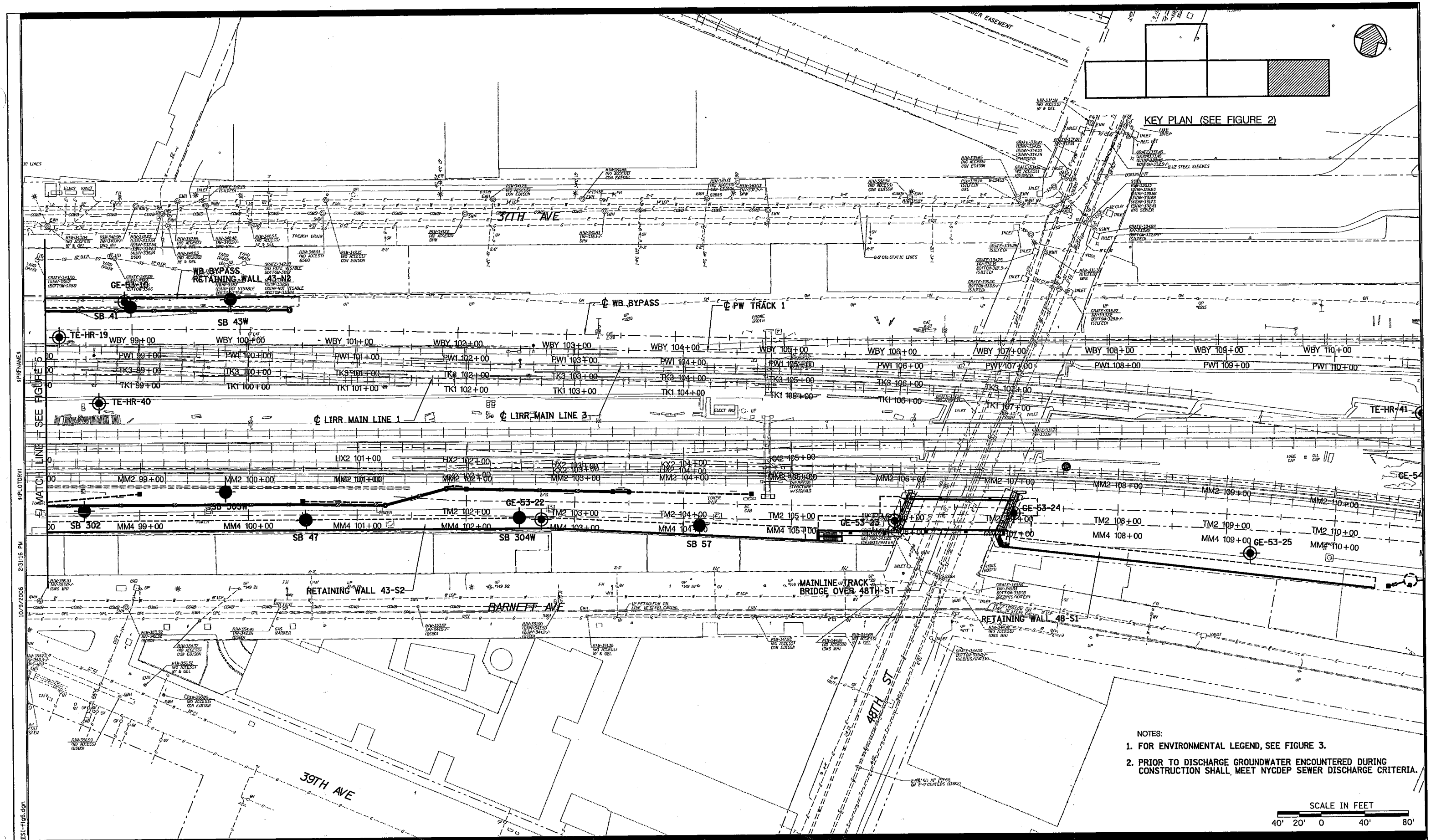

NOTES:

1. FOR ENVIRONMENTAL LEGEND, SEE FIGURE 3.
2. PRIOR TO DISCHARGE GROUNDWATER ENCOUNTERED DURING CONSTRUCTION SHALL MEET NYCDEP SEWER DISCHARGE CRITERIA.

SCALE IN FEET
40' 20' 0 40' 80'

Metropolitan Transportation Authority
Capital Construction Company

Long Island Rail Road
East Side Access

QUEENS – HAROLD STRUCTURES PART 1
ENVIRONMENTAL BORING LOCATION PLAN
FIGURE 6

GEC PB STV PARSONS
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MW-64
ABANDONED
MW-65
MW-65
ABANDONED
GE-53-20
TE-YA-58
SY 197
TE-YA-60
MW-66
ABANDONED
MW-55
MW-55
ABANDONED
MW-67
MW-67
ABANDONED
MW-40D
MW-57
MW-40D
ABANDONED
MW-57
ABANDONED
TE-YA-33
SE-28
TE-YA-59
TE-YA-34
MW-25A
ABANDONED
MW-25
ABANDONED
GE-53-19
UT-11
MW-69D
MW-68
MW-69D
ABANDONED
GE-53-18
39TH ST BRIDGE
GE-53-17
18" STORM SEWER
CRUSHED STONE RD. (AR1)
MATCH LINE - SEE FIGURE 4

KEY PLAN (SEE FIGURE 2)

NOTE:

FOR ENVIRONMENTAL LEGEND,SEE FIGURE 3.

PRIOR TO DISCHARGE GROUNDWATER ENCOUNTERED DURING CONSTRUCTION SHALL MEET NYCEP SEWER DISCHARGE CRITERIA.

SCALE IN FEET
40' 20' 0 40' 80'

$PARAMETER
$PLOTDRV)
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Metropolitan Transportation Authority
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Long Island Rail Road
East Side Access

QUEENS – HAROLD STRUCTURES PART 1
ENVIRONMENTAL BORING LOCATION PLAN
FIGURE 7

GEC PB STV PARSONS
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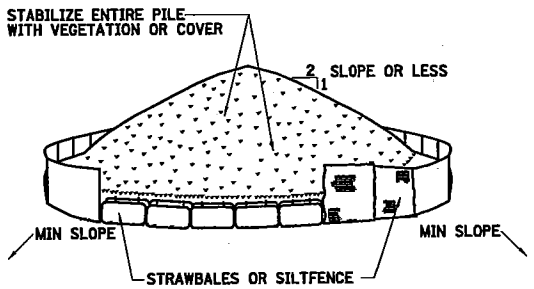
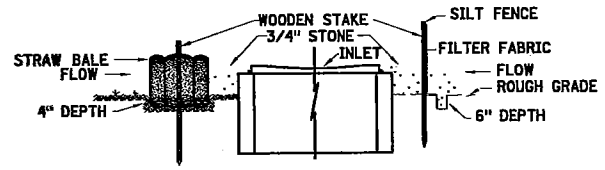


1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE.
2. MAXIMUM SLOPE OF STOCKPILE SHALL BE 1:2
3. UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH EITHER SILT FENCING OR STRAWBALES, THEN STABILIZED WITH VEGETATION OR COVERED.
4. FOR HAZARDOUS MATERIALS, NON-HAZARDOUS, NON-PETROLEUM CONTAMINATED MATERIALS AND PETROLEUM CONTAMINATED MATERIALS LINE AND COVER WITH 4-MIL POLYETHYLENE SHEETING.

SOIL STOCKPILING



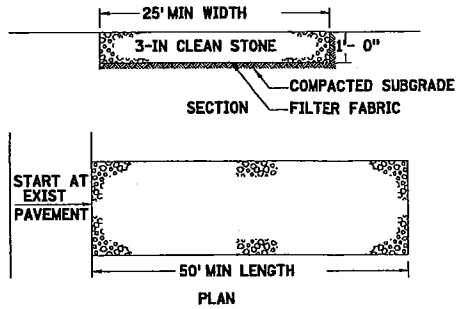
INLET PROTECTION

SILT FENCE INSTALLATION NOTES:

1. EXCAVATE A 6 INCH BY 6 INCH TRENCH, OFFSET APPROXIMATELY 2 FEET FROM THE INLET PERIMETER.
2. UNROLL A SECTION AT A TIME AND POSITION THE POSTS AGAINST THE BACK (DOWNSTREAM) WALL OF THE TRENCH (NET SIDE AWAY FROM DIRECTION OF FLOW).
3. DRIVE THE POST INTO THE GROUND UNTIL THE NETTING IS APPROXIMATELY 2 INCHES FROM THE TRENCH BOTTOM.
4. LAY THE TOE-IN FLAP OF FABRIC ONTO THE UNDISTURBED BOTTOM OF THE TRENCH, BACKFILL THE TRENCH AND TAMP THE SOIL STEEPER SLOPES REQUIRE AN INTERCEPT TRENCH.
5. JOIN SECTIONS AS SHOWN ABOVE. SUPPLEMENT WITH GRAVEL, PILED AGAINST THE FENCE.

STRAWBALES INSTALLATION NOTES:

1. PLACE BALES OF STRAW WITH ENDS TIGHTLY ABUTTING OTHER BALES TO SURROUND THE INLET. WHERE SLOPE AND SPACE PERMIT, ESTABLISH THE LINE OF BALES 2 TO 10 FEET AWAY FROM THE INLET. ANCHOR BALES IN PLACE BY DRIVING REBARS OR 2" BY 2" STAKES THROUGH THE BALES. SUPPLEMENT WITH GRAVEL, PILED AGAINST THE BALES.
2. SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO ½ THE DESIGN DEPTH OF THE TRAP. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.
3. THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.
4. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND WATER POLLUTION SHALL BE MINIMIZED.
5. THE SEDIMENT TRAP SHALL BE REMOVED AND THE AREA STABILIZED WHEN THE REMAINING DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.



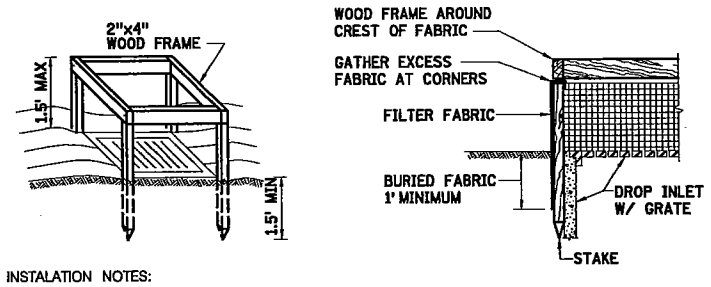
1. STONE SIZE - USE 3-IN STONE OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT

   LENGTH - AS REQUIRED, BUT NOT LESS THAN 50 FEET.

   THICKNESS - NOT LESS THAN SIX (6) INCHES.
2. WIDTH - 25 FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCUR.
3. FILTER FABRIC - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACEMENT OF STONE.
4. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
5. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT OF WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT OF WAY MUST BE REMOVED IMMEDIATELY.
6. WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT OF WAY. WHEN WASHING IS REQUIRED IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
7. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAINFALL EVENT.

STABILIZED CONSTRUCTION ENTRANCE

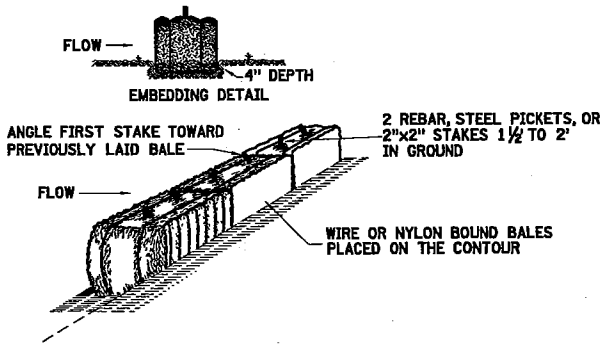
NTS



INSTALATION NOTES:

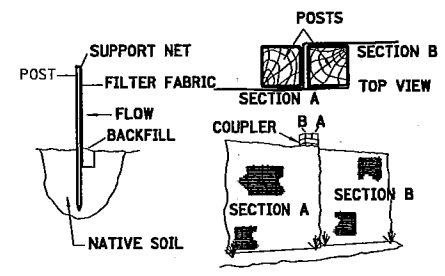
1. FILTER FABRIC SHALL HAVE AN EQUIVALENT OPENING SIZE OF 40-85. BURLAP MAY BE USED FOR SHORT TERM APPLICATIONS.
2. CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY SHALL BE OVERLAPPED TO THE NEXT STAKE.
3. STAKE MATERIAL SHALL BE STANDARD 2"x4" WOOD OR EQUIVALENT METAL WITH A MINIMUM LENGTH OF 3 FEET.
4. SPACE STAKES EVENLY AROUND INLET 3 FEET APART AND DRIVE A MINIMUM 18-INCH DEEP. SPANS GREATER THAN 3 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT.
5. FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW GROUND AND BACK FILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.
6. A 2"x4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVER FLOW STABILITY.

FILTER FABRIC DROP INLET PROTECTION



1. BALES SHALL BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES
2. EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF 4".
3. BALES SHALL BE SECURELY ANCHORED IN PLACE BY STAKES OR REBAR DRIVEN THROUGH THE BALES. THE FIRST STAKE IN EACH BALE SHALL BE ANGLED TOWARD THE PREVIOUSLY LAID BALE TO FORCE BALES TOGETHER.
4. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

STRAWBALE SEDIMENT BARRIER



INSTALATION NOTES:

1. EXCAVATE A 4 INCH BY 4 INCH TRENCH ALONG THE LOWER PERIMETER OF THE SITE.
2. UNROLL A SECTION AT A TIME AND POSITION THE POSTS AGAINST THE BACK (DOWNSTREAM) WALL OF THE TRENCH (NET SIDE AWAY FROM DIRECTION OF FLOW).
3. DRIVE THE POST INTO THE GROUND UNTIL THE NETTING IS APPROXIMATELY 2 INCHES FROM THE TRENCH BOTTOM.
4. LAY THE TOE-IN FLAP OF FABRIC ONTO THE UNDISTURBED BOTTOM OF THE TRENCH, BACKFILL THE TRENCH AND TAMP THE SOIL. STEEPER SLOPES REQUIRE AN INTERCEPT TRENCH.
5. JOIN SECTIONS AS SHOWN ABOVE.

SILT FENCE

Metropolitan Transportation Authority
Capital Construction Company

Long Island Rail Road
East Side Access

QUEENS – HAROLD STRUCTURES PART 1

SOIL EROSION CONTROL DETAILS

FIGURE 8

GEC PB STV PARSONS
General Engineering Consultant

PARSONS BRINCKERHOFF
STV INCORPORATED
PARSONS TRANSPORTATION
GROUP OF NEW YORK INC.
469 Seventh Avenue • New York, NY • 10018

$PRENAME$
$PLOTDRV$ 10/9/2006 2:31:40 PM c:\Project+Wise\dms02367\ESI-fig8.dgn

/dms02367/ESI-fig8.dgn 10/9/2006 2:31:39 PM

APPENDIX A

BORING #: GE-53-1

PROJECT ID:	**East Side Access (Sunnyside Yard)**	STV PROJECT NO.:	07-12023
LOCATION:	Sunnyside Yard - LIRR Mainline Tracks		
DRILLER:	Chris Migliore - ADT	GEOLOGIST:	R. Naroznik/J. Mausner
DRILLING METHOD:	Hand Auger		
SOIL SAMPLING METHOD:	Hand Auger	ELEVATION:	Grade
DATE BORING INSTALLED:	4/3/2006		
TOTAL DEPTH:	5.0' Below Grade	DEPTH TO WATER:	N/A

DEPTH (FT) BELOW SURFACE	PID READING (PPM)	BLOWS PER 6" OF SAMPLE	REC. (%)	LITHOLOGIC DESCRIPTION	SAMPLE DESIGNATION
0	0.0			Brown, medium-fine sandy FILL MATERIAL, little gravel. *No odor, no product observed.*	Collect soil sample for VOCs, SVOCs, PCBs and RCRA Metals (Discreet VOC sample collected at 2.5')
2					
4					
6				End of boring at 5.0 ft.	
8					
10					
12					
14					
16					
18					
20					
22					

SOIL BORING LOG

DATE: 9/14/2006 DRAWN BY: JM
SCALE: NTS APP'D BY: MT
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One Penn Plaza
NEW YORK, NY 10119-0061

BORING #: GE-53-3

PROJECT ID:	**East Side Access (Sunnyside Yard)**	STV PROJECT NO.:	07-12023
LOCATION:	Sunnyside Yard - LIRR Mainline Tracks		
DRILLER:	ADT	GEOLOGIST:	K. Pollaro
DRILLING METHOD:	Hand Auger/ Hollow Stem Auger		
SOIL SAMPLING METHOD:	Hand Auger/ Split Spoon	ELEVATION:	Grade
DATE BORING INSTALLED:	7/26/2006		
TOTAL DEPTH:	25.0' Below Grade	DEPTH TO WATER:	N/A

DEPTH (FT) BELOW SURFACE	PID READING (PPM)	BLOWS PER 6" OF SAMPLE	REC. (%)	LITHOLOGIC DESCRIPTION	SAMPLE DESIGNATION
0	0.0			Dark Brown, sandy-silty FILL MATERIAL with ample gravel, rock fragments No odor, no product observed.	Collect soil sample for VOCs, SVOCs, PCBs and RCRA Metals *(Discreet VOC sample collected at 6.0')*
2					
4					
6				No Recovery	
8				No Recovery	
10					
12	0.0			Ballast, dark brown medium-fine SAND, little gravel Rock at 12' No odor, no product observed.	Collect soil sample for VOCs, SVOCs, PCBs and RCRA Metals
14	0.0			Dark brown-lightblack/grey medium fine SAND, some gravel No odor, no product observed.	
16	0.0			Light brown-red fine-very fine SAND No odor, no product observed.	
18	0.0			Light brown-red fine-medium SAND No odor, no product observed.	
20	0.0		50	Brown-red medium SAND Light brown-white medium-fine SAND No odor, no product observed.	
22					
24	0.0			Light brown-white-grey very fine SAND No odor, no product observed.	Collect soil sample for VOCs, SVOCs, PCBs and RCRA Metals
26				Terminal Depth: 25.0'	

SOIL BORING LOG

DATE: 9/14/2006 DRAWN BY: JM
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BORING #: GE-53-4

PROJECT ID:	**East Side Access (Sunnyside Yard)**	STV PROJECT NO.:	07-12023
LOCATION:	Sunnyside Yard - LIRR Mainline Tracks		
DRILLER:	Chris Migliore - ADT	GEOLOGIST:	R. Naroznik/J. Mausner
DRILLING METHOD:	Hand Auger		
SOIL SAMPLING METHOD:	Hand Auger	ELEVATION:	Grade
DATE BORING INSTALLED:	4/3/2006		
TOTAL DEPTH:	5.0' Below Grade	DEPTH TO WATER:	N/A

DEPTH (FT) BELOW SURFACE	PID READING (PPM)	BLOWS PER 6" OF SAMPLE	REC. (%)	LITHOLOGIC DESCRIPTION	SAMPLE DESIGNATION
0	0.0			Brown, medium-fine sandy FILL MATERIAL, little gravel No odor, no product observed.	Collect soil sample for VOCs, SVOCs, PCBs and RCRA Metals (Discreet VOC sample collected at 2.5')
2					
4				End of boring at 5.0 ft.	
6					
8					
10					
12					
14					
16					
18					
20					
22					

SOIL BORING LOG

DATE: 9/14/2006 DRAWN BY: JM
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BORING #: GE-53-5

PROJECT ID:	**East Side Access (Sunnyside Yard)**	STV PROJECT NO.:	07-12023
LOCATION:	Sunnyside Yard - LIRR Mainline Tracks		
DRILLER:	ADT	GEOLOGIST:	K. Pollaro
DRILLING METHOD:	Hand Auger/ Hollow Stem Auger		
SOIL SAMPLING METHOD:	Hand Auger/ Split Spoon	ELEVATION:	Grade
DATE BORING INSTALLED:	7/26/2006		
TOTAL DEPTH:	22.0' Below Grade	DEPTH TO WATER:	N/A

DEPTH (FT) BELOW SURFACE	PID READING (PPM)	BLOWS PER 6" OF SAMPLE	REC. (%)	LITHOLOGIC DESCRIPTION	SAMPLE DESIGNATION
0	0.0			Dark Brown, sandy-silty FILL MATERIAL with ample gravel, rock fragments No odor, no product observed.	Collect soil sample for VOCs, SVOCs, PCBs and RCRA Metals (Discreet VOC sample collected at 2.5')
2					
4					
6					
8					
10	0.0		20	Brown fine SAND, little gravel Light brown very fine SAND, little gravel No odor, no product observed.	
12					
14					
16	0.0		20	Brick and rock fragments Dark brown fine SAND and SILT, little gravel No odor, no product observed.	
18	0.0		10	Dark brown very fine SAND and SILT, some brick, little gravel No odor, no product observed.	Collect soil sample for VOCs, SVOCs, PCBs and RCRA Metals
20				Dark brown very fine SAND and SILT, some brick, little gravel	
22				End of Boring: 22.0'	

SOIL BORING LOG

DATE: 9/14/2006 DRAWN BY: JM
SCALE: NTS APP'D BY: MT
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One Penn Plaza
NEW YORK, NY 10119-0061

BORING #: GE-53-6

PROJECT ID:	**East Side Access (Sunnyside Yard)**	STV PROJECT NO.:	07-12023
LOCATION:	Sunnyside Yard - LIRR Mainline Tracks		
DRILLER:	Chris Migliore - ADT	GEOLOGIST:	R. Naroznik/J. Mausner
DRILLING METHOD:	Hand Auger		
SOIL SAMPLING METHOD:	Hand Auger	ELEVATION:	Grade
DATE BORING INSTALLED:	4/3/2006		
TOTAL DEPTH:	5.0' Below Grade	DEPTH TO WATER:	N/A

DEPTH (FT) BELOW SURFACE	PID READING (PPM)	BLOWS PER 6" OF SAMPLE	REC. (%)	LITHOLOGIC DESCRIPTION	SAMPLE DESIGNATION
0	0.0			Brown, medium sandy FILL MATERIAL, some gravel *No odor, no product observed.*	Collect soil sample for VOCs, SVOCs, PCBs and RCRA Metals (Discreet VOC sample collected at 2.5')
2					
4					
				End of boring at 5.0 ft.	
6					
8					
10					
12					
14					
16					
18					
20					
22					

SOIL BORING LOG

DATE: 9/14/2006 DRAWN BY: JM
SCALE: NTS APP'D BY: MT
FILE NAME: P:\...\ESIs\CH053\Post-90% CH053\Boring Logs.xls

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One Penn Plaza
NEW YORK, NY 10119-0061

BORING #: GE-53-7

PROJECT ID:	**East Side Access (Sunnyside Yard)**	STV PROJECT NO.:	07-12023
LOCATION:	Sunnyside Yard - LIRR Mainline Tracks		
DRILLER:	Chris Migliore - ADT	GEOLOGIST:	R. Naroznik/J. Mausner
DRILLING METHOD:	Hand Auger		
SOIL SAMPLING METHOD:	Hand Auger	ELEVATION:	Grade
DATE BORING INSTALLED:	4/3/2006		
TOTAL DEPTH:	3.5' Below Grade	DEPTH TO WATER:	N/A

DEPTH (FT) BELOW SURFACE	PID READING (PPM)	BLOWS PER 6" OF SAMPLE	REC. (%)	LITHOLOGIC DESCRIPTION	SAMPLE DESIGNATION
0	0.0			Light Brown, medium sandy FILL MATERIAL, ample gravel No odor, no product observed.	Collect soil sample for VOCs, SVOCs, PCBs and RCRA Metals (Discreet VOC sample collected at 2.5')
2					
4				End of boring at 3.5 ft.	
6					
8					
10					
12					
14					
16					
18					
20					
22					

SOIL BORING LOG

DATE: 9/14/2006 DRAWN BY: JM
SCALE: NTS APP'D BY: MT
FILE NAME: P:\...\ESIs\CH053\Post-90% CH053\Boring Logs.xls

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BORING #: GE-53-8

PROJECT ID:	**East Side Access (Sunnyside Yard)**	STV PROJECT NO.:	07-12023
LOCATION:	Sunnyside Yard - LIRR Mainline Tracks		
DRILLER:	Chris Migliore - ADT	GEOLOGIST:	R. Naroznik/J. Mausner
DRILLING METHOD:	Hand Auger		
SOIL SAMPLING METHOD:	Hand Auger	ELEVATION:	Grade
DATE BORING INSTALLED:	3/27/2006		
TOTAL DEPTH:	4.5' Below Grade	DEPTH TO WATER:	N/A

DEPTH (FT) BELOW SURFACE	PID READING (PPM)	BLOWS PER 6" OF SAMPLE	REC. (%)	LITHOLOGIC DESCRIPTION	SAMPLE DESIGNATION
0	0.0			Brown, medium-fine sandy FILL MATERIAL, very little gravel No odor, no product observed.	Collect soil sample for VOCs, SVOCs, PCBs and RCRA Metals (Discreet VOC sample collected at 2.5')
2					
4				End of boring at 4.5 ft.	
6					
8					
10					
12					
14					
16					
18					
20					
22					

SOIL BORING LOG

DATE: 4/26/2006 DRAWN BY: JM
SCALE: NTS APP'D BY: MT
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BORING #: GE-53-9

PROJECT ID:	**East Side Access (Sunnyside Yard)**	STV PROJECT NO.:	07-12023
LOCATION:	Sunnyside Yard - LIRR Mainline Tracks		
DRILLER:	Chris Migliore - ADT	GEOLOGIST:	R. Naroznik/H. Newell
DRILLING METHOD:	Hand Auger		
SOIL SAMPLING METHOD:	Hand Auger	ELEVATION:	Grade
DATE BORING INSTALLED:	4/21/2004		
TOTAL DEPTH:	4.0' Below Grade	DEPTH TO WATER:	N/A

DEPTH (FT) BELOW SURFACE	PID READING (PPM)	BLOWS PER 6" OF SAMPLE	REC. (%)	LITHOLOGIC DESCRIPTION	SAMPLE DESIGNATION
0	0.0			Dark brown organic medium SAND with some clay trace cobble *No odor, no product observed.*	Collect soil sample for VOCs, SVOCs, Total Lead and RCRA Metals
2					
4				End of boring at 4.0 ft.	
6					
8					
10					
12					
14					
16					
18					
20					
22					

SOIL BORING LOG

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BORING #: GE-53-10

PROJECT ID:	**East Side Access (Sunnyside Yard)**	STV PROJECT NO.:	07-12023
LOCATION:	Sunnyside Yard - LIRR Mainline Tracks		
DRILLER:	Chris Migliore - ADT	GEOLOGIST:	R. Naroznik/H. Newell
DRILLING METHOD:	Hand Auger		
SOIL SAMPLING METHOD:	Hand Auger	ELEVATION:	Grade
DATE BORING INSTALLED:	4/21/2004		
TOTAL DEPTH:	4.0' Below Grade	DEPTH TO WATER:	N/A

DEPTH (FT) BELOW SURFACE	PID READING (PPM)	BLOWS PER 6" OF SAMPLE	REC. (%)	LITHOLOGIC DESCRIPTION	SAMPLE DESIGNATION
0	0.0			Dark brown organic medium SAND with some clay No odor, no product observed.	Collect soil sample for VOCs, SVOCs, Total Lead and RCRA Metals
2					
4				End of boring at 4.0 ft.	
6					
8					
10					
12					
14					
16					
18					
20					
22					

SOIL BORING LOG

DATE: 9/14/2006 DRAWN BY: JM
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BORING #: GE-53-11

PROJECT ID:	**East Side Access (Sunnyside Yard)**	STV PROJECT NO.:	07-12023
LOCATION:	Sunnyside Yard - LIRR Mainline Tracks		
DRILLER:	Chris Migliore - ADT	GEOLOGIST:	J. Mausner
DRILLING METHOD:	Hand Auger		
SOIL SAMPLING METHOD:	Hand Auger	ELEVATION:	Grade
DATE BORING INSTALLED:	6/28/2006		
TOTAL DEPTH:	5.0' Below Grade	DEPTH TO WATER:	N/A

DEPTH (FT) BELOW SURFACE	PID READING (PPM)	BLOWS PER 6" OF SAMPLE	REC. (%)	LITHOLOGIC DESCRIPTION	SAMPLE DESIGNATION
0	0.0			Brown, medium sandy FILL MATERIAL, some gravel No odor, no product observed.	Collect soil sample for VOCs, SVOCs, PCBs and RCRA Metals (Discreet VOC sample collected at 3.0')
2					
4					
				End of boring at 5.0 ft.	
6					
8					
10					
12					
14					
16					
18					
20					
22					

SOIL BORING LOG

DATE: 9/14/2006 DRAWN BY: JM
SCALE: NTS APP'D BY: MT
FILE NAME: P:\...\ESIs\CH053\Post-90% CH053\Boring Logs.xls

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BORING #: GE-53-12

PROJECT ID:	**East Side Access (Sunnyside Yard)**	STV PROJECT NO.:	07-12023
LOCATION:	Sunnyside Yard - LIRR Mainline Tracks		
DRILLER:	Chris Migliore - ADT	GEOLOGIST:	J. Mausner
DRILLING METHOD:	Hand Auger		
SOIL SAMPLING METHOD:	Hand Auger	ELEVATION:	Grade
DATE BORING INSTALLED:	6/28/2006		
TOTAL DEPTH:	5.0' Below Grade	DEPTH TO WATER:	N/A

DEPTH (FT) BELOW SURFACE	PID READING (PPM)	BLOWS PER 6" OF SAMPLE	REC. (%)	LITHOLOGIC DESCRIPTION	SAMPLE DESIGNATION
0	0.0			Brown, medium sandy FILL MATERIAL, some gravel *No odor, no product observed.*	Collect soil sample for VOCs, SVOCs, PCBs and RCRA Metals (Discreet VOC sample collected at 3.0')
2					
4					
				End of boring at 5.0 ft.	
6					
8					
10					
12					
14					
16					
18					
20					
22					

SOIL BORING LOG

DATE: 9/14/2006 DRAWN BY: JM
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FILE NAME: P:\...\ESIs\CH053\Post-90% CH053\Boring Logs.xls

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One Penn Plaza
NEW YORK, NY 10119-0061

BORING #: GE-53-13

PROJECT ID:	**East Side Access (Sunnyside Yard)**	STV PROJECT NO.:	07-12023
LOCATION:	Sunnyside Yard - LIRR Mainline Tracks		
DRILLER:	Chris Migliore - ADT	GEOLOGIST:	J. Mausner
DRILLING METHOD:	Hand Auger		
SOIL SAMPLING METHOD:	Hand Auger	ELEVATION:	Grade
DATE BORING INSTALLED:	6/28/2006		
TOTAL DEPTH:	5.0' Below Grade	DEPTH TO WATER:	N/A

DEPTH (FT) BELOW SURFACE	PID READING (PPM)	BLOWS PER 6" OF SAMPLE	REC. (%)	LITHOLOGIC DESCRIPTION	SAMPLE DESIGNATION
0	0.0			Brown, medium sandy FILL MATERIAL, some gravel No odor, no product observed.	Collect soil sample for VOCs, SVOCs, PCBs and RCRA Metals (Discreet VOC sample collected at 3.0')
2					
4					
				End of boring at 5.0 ft.	
6					
8					
10					
12					
14					
16					
18					
20					
22					

SOIL BORING LOG

DATE: 9/14/2006 DRAWN BY: JM
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NEW YORK, NY 10119-0061

BORING #: GE-53-16

PROJECT ID:	**East Side Access (Sunnyside Yard)**	STV PROJECT NO.:	07-12023
LOCATION:	Sunnyside Yard - LIRR Mainline Tracks		
DRILLER:	Chris Migliore - ADT	GEOLOGIST:	R. Naroznik/J. Mausner
DRILLING METHOD:	Hand Auger		
SOIL SAMPLING METHOD:	Hand Auger	ELEVATION:	Grade
DATE BORING INSTALLED:	4/3/2006		
TOTAL DEPTH:	4.0' Below Grade	DEPTH TO WATER:	N/A

DEPTH (FT) BELOW SURFACE	PID READING (PPM)	BLOWS PER 6" OF SAMPLE	REC. (%)	LITHOLOGIC DESCRIPTION	SAMPLE DESIGNATION
0	0.0			Brown, medium sandy FILL MATERIAL, some gravel No odor, no product observed.	Collect soil sample for VOCs, SVOCs, PCBs and RCRA Metals (Discreet VOC sample collected at 3.0')
2					
4				End of boring at 4.0 ft.	
6					
8					
10					
12					
14					
16					
18					
20					
22					

SOIL BORING LOG

DATE: 9/14/2006 DRAWN BY: JM
SCALE: NTS APP'D BY: MT
FILE NAME: P:\...\ESIs\CH053\Post-90% CH053\Boring Logs.xls

PB/STV
One Penn Plaza
NEW YORK, NY 10119-0061

BORING #: GE-53-17

PROJECT ID:	**East Side Access (Sunnyside Yard)**	STV PROJECT NO.:	07-12023
LOCATION:	Sunnyside Yard - LIRR Mainline Tracks		
DRILLER:	Chris Migliore - ADT	GEOLOGIST:	Kent Pollaro
DRILLING METHOD:	Hand Auger		
SOIL SAMPLING METHOD:	Hand Auger	ELEVATION:	Grade
DATE BORING INSTALLED:	7/19/2006		
TOTAL DEPTH:	4.0' Below Grade	DEPTH TO WATER:	N/A

DEPTH (FT) BELOW SURFACE	PID READING (PPM)	BLOWS PER 6" OF SAMPLE	REC. (%)	LITHOLOGIC DESCRIPTION	SAMPLE DESIGNATION
0	0.0			Brown, medium sandy FILL MATERIAL, some gravel *No odor, no product observed.*	Collect soil sample for VOCs, SVOCs, PCBs and RCRA Metals (Discreet VOC sample collected at 3.0')
2					
4				End of boring at 4.0 ft.	
6					
8					
10					
12					
14					
16					
18					
20					
22					

SOIL BORING LOG

DATE: 9/14/2006 DRAWN BY: JM
SCALE: NTS APP'D BY: MT
FILE NAME: P:\...\ESIs\CH053\Post-90% CH053\Boring Logs.xls

PB/STV
One Penn Plaza
NEW YORK, NY 10119-0061

BORING #: GE-53-18

PROJECT ID:	**East Side Access (Sunnyside Yard)**	STV PROJECT NO.:	07-12023
LOCATION:	Sunnyside Yard - LIRR Mainline Tracks		
DRILLER:	Chris Migliore - ADT	GEOLOGIST:	Kent Pollaro
DRILLING METHOD:	Hand Auger		
SOIL SAMPLING METHOD:	Hand Auger	ELEVATION:	Grade
DATE BORING INSTALLED:	7/19/2006		
TOTAL DEPTH:	6.0' Below Grade	DEPTH TO WATER:	N/A

DEPTH (FT) BELOW SURFACE	PID READING (PPM)	BLOWS PER 6" OF SAMPLE	REC. (%)	LITHOLOGIC DESCRIPTION	SAMPLE DESIGNATION
0	0.0			Asphalt (4") Brown, medium sandy FILL MATERIAL, some gravel No odor, no product observed.	Collect soil sample for VOCs, SVOCs, PCBs and RCRA Metals (Discreet VOC sample collected at 3.0')
2					
4					
6				End of boring at 6.0 ft.	
8					
10					
12					
14					
16					
18					
20					
22					

SOIL BORING LOG

DATE: 9/14/2006 DRAWN BY: JM
SCALE: NTS APP'D BY: MT
FILE NAME: P:\...\ESIs\CH053\Post-90% CH053\Boring Logs.xls

PB/STV
One Penn Plaza
NEW YORK, NY 10119-0061

BORING #: GE-53-19

PROJECT ID:	**East Side Access (Sunnyside Yard)**	STV PROJECT NO.:	07-12023
LOCATION:	Sunnyside Yard - LIRR Mainline Tracks		
DRILLER:	Chris Migliore - ADT	GEOLOGIST:	Kent Pollaro
DRILLING METHOD:	Hand Auger		
SOIL SAMPLING METHOD:	Hand Auger	ELEVATION:	Grade
DATE BORING INSTALLED:	7/19/2006		
TOTAL DEPTH:	6.0' Below Grade	DEPTH TO WATER:	N/A

DEPTH (FT) BELOW SURFACE	PID READING (PPM)	BLOWS PER 6" OR SAMPLE	REC. (%)	LITHOLOGIC DESCRIPTION	SAMPLE DESIGNATION
0	0.0			Asphalt (4") Brown, medium sandy FILL MATERIAL, some gravel No odor, no product observed.	Collect soil sample for VOCs, SVOCs, PCBs and RCRA Metals (Discreet VOC sample collected at 3.0')
2					
4					
6				End of boring at 6.0 ft.	
8					
10					
12					
14					
16					
18					
20					
22					

SOIL BORING LOG

DATE: 9/14/2006 DRAWN BY: JM
SCALE: NTS APP'D BY: MT
FILE NAME: P:\..\ESIs\CH053\Post-90% CH053\Boring Logs.xls

PB/STV
One Penn Plaza
NEW YORK, NY 10119-0061

BORING #: GE-53-20

PROJECT ID:	**East Side Access (Sunnyside Yard)**	STV PROJECT NO.:	07-12023
LOCATION:	Sunnyside Yard - LIRR Mainline Tracks		
DRILLER:	Chris Migliore - ADT	GEOLOGIST:	Kent Pollaro
DRILLING METHOD:	Hand Auger		
SOIL SAMPLING METHOD:	Hand Auger	ELEVATION:	Grade
DATE BORING INSTALLED:	7/19/2006		
TOTAL DEPTH:	6.0' Below Grade	DEPTH TO WATER:	N/A

DEPTH (FT) BELOW SURFACE	PID READING (PPM)	BLOWS PER 6" OF SAMPLE	REC. (%)	LITHOLOGIC DESCRIPTION	SAMPLE DESIGNATION
0	0.0			Asphalt (4") Wet at 6"- possible perched groundwater Brown, medium sandy FILL MATERIAL, *some gravel* No odor, no product observed.	Collect soil sample for VOCs, SVOCs, PCBs and RCRA Metals (Discreet VOC sample collected at 3.0')
2					
4					
6				End of boring at 6.0 ft.	
8					
10					
12					
14					
16					
18					
20					
22					

SOIL BORING LOG

DATE: 9/14/2006 DRAWN BY: JM
SCALE: NTS APP'D BY: MT
FILE NAME: P:\...\ESIs\CH053\Post-90% CH053\Boring Logs.xls

PB/STV
One Penn Plaza
NEW YORK, NY 10119-0061

BORING #: GE-53-21

PROJECT ID:	**East Side Access (Sunnyside Yard)**	STV PROJECT NO.:	07-12023
LOCATION:	Sunnyside Yard - LIRR Mainline Tracks		
DRILLER:	Chris Migliore - ADT	GEOLOGIST:	R. Naroznik/J. Mausner
DRILLING METHOD:	Hand Auger		
SOIL SAMPLING METHOD:	Hand Auger	ELEVATION:	Grade
DATE BORING INSTALLED:	3/27/2006		
TOTAL DEPTH:	4.5' Below Grade	DEPTH TO WATER:	N/A

DEPTH (FT) BELOW SURFACE	PID READING (PPM)	BLOWS PER 6" OF SAMPLE	REC. (%)	LITHOLOGIC DESCRIPTION	SAMPLE DESIGNATION
0	0.0			Brown, medium-fine sandy FILL MATERIAL, very little gravel *No odor, no product observed.*	Collect soil sample for VOCs, SVOCs, PCBs and RCRA Metals (Discreet VOC sample collected at 2.5')
2					
4				End of boring at 4.5 ft.	
6					
8					
10					
12					
14					
16					
18					
20					
22					

SOIL BORING LOG

DATE: 4/26/2006 DRAWN BY: JM
SCALE: NTS APP'D BY: MT
FILE NAME: P:\...\ESIs\CH053\Post-90% CH053\Boring Logs.xls

PB/STV
One Penn Plaza
NEW YORK, NY 10119-0061

BORING #: GE-53-22

PROJECT ID:	**East Side Access (Sunnyside Yard)**	STV PROJECT NO.:	07-12023
LOCATION:	Sunnyside Yard - LIRR Mainline Tracks		
DRILLER:	Chris Migliore - ADT	GEOLOGIST:	R. Naroznik/J. Mausner
DRILLING METHOD:	Hand Auger		
SOIL SAMPLING METHOD:	Hand Auger	ELEVATION:	Grade
DATE BORING INSTALLED:	3/27/2006		
TOTAL DEPTH:	5.0' Below Grade	DEPTH TO WATER:	N/A

DEPTH (FT) BELOW SURFACE	PID READING (PPM)	BLOWS PER 6" OF SAMPLE	REC. (%)	LITHOLOGIC DESCRIPTION	SAMPLE DESIGNATION
0	0.0			Brown, medium-fine sandy FILL MATERIAL, very little gravel No odor, no product observed.	Collect soil sample for VOCs, SVOCs, PCBs and RCRA Metals (Discreet VOC sample collected at 2.5')
2					
4					
				End of boring at 5.0 ft.	
6					
8					
10					
12					
14					
16					
18					
20					
22					

SOIL BORING LOG

DATE: 4/26/2006 DRAWN BY: JM
SCALE: NTS APP'D BY: MT
FILE NAME: P:\...\ESIs\CH053\Post-90% CH053\Boring Logs.xls

PB/STV
One Penn Plaza
NEW YORK, NY 10119-0061

BORING #: GE-53-23

PROJECT ID:	**East Side Access (Sunnyside Yard)**	STV PROJECT NO.:	07-12023
LOCATION:	Sunnyside Yard - LIRR Mainline Tracks		
DRILLER:	Chris Migliore - ADT	GEOLOGIST:	R. Naroznik/J. Mausner
DRILLING METHOD:	Hand Auger		
SOIL SAMPLING METHOD:	Hand Auger	ELEVATION:	Grade
DATE BORING INSTALLED:	3/27/2006		
TOTAL DEPTH:	5.0' Below Grade	DEPTH TO WATER:	N/A

DEPTH (FT) BELOW SURFACE	PID READING (PPM)	BLOWS PER 6" OF SAMPLE	REC. (%)	LITHOLOGIC DESCRIPTION	SAMPLE DESIGNATION
0	0.0			Brown, medium-fine sandy FILL MATERIAL, very little gravel No odor, no product observed.	Collect soil sample for VOCs, SVOCs, PCBs and RCRA Metals (Discreet VOC sample collected at 2.5')
2					
4					
				End of boring at 5.0 ft.	
6					
8					
10					
12					
14					
16					
18					
20					
22					

SOIL BORING LOG

DATE: 4/26/2006 DRAWN BY: JM
SCALE: NTS APP'D BY: MT
FILE NAME: P:\...\ESIs\CH053\Post-90% CH053\Boring Logs.xls

PB/STV
One Penn Plaza
NEW YORK, NY 10119-0061

BORING #: GE-53-24

PROJECT ID:	**East Side Access (Sunnyside Yard)**	STV PROJECT NO.:	07-12023
LOCATION:	Sunnyside Yard - LIRR Mainline Tracks		
DRILLER:	Chris Migliore - ADT	GEOLOGIST:	R. Naroznik/J. Mausner
DRILLING METHOD:	Hand Auger		
SOIL SAMPLING METHOD:	Hand Auger	ELEVATION:	Grade
DATE BORING INSTALLED:	3/27/2006		
TOTAL DEPTH:	5.0' Below Grade	DEPTH TO WATER:	N/A

DEPTH (FT) BELOW SURFACE	PID READING (PPM)	BLOWS PER 6" OF SAMPLE	REC. (%)	LITHOLOGIC DESCRIPTION	SAMPLE DESIGNATION
0	0.0			Brown FILL MATERIAL with medium-fine SAND, soil, and little gravel No odor, no product observed.	Collect soil sample for VOCs, SVOCs, PCBs and RCRA Metals (Discreet VOC sample collected at 2.5')
2					
4					
				End of boring at 5.0 ft.	
6					
8					
10					
12					
14					
16					
18					
20					
22					

SOIL BORING LOG

DATE: 4/26/2006 DRAWN BY: JM
SCALE: NTS APP'D BY: MT
FILE NAME: P:\..\ESIs\CH053\Post-90% CH053\Boring Logs.xls

PB/STV
One Penn Plaza
NEW YORK, NY 10119-0061

BORING #: GE-53-25

PROJECT ID:	**East Side Access (Sunnyside Yard)**	STV PROJECT NO.:	07-12023
LOCATION:	Sunnyside Yard - LIRR Mainline Tracks		
DRILLER:	Chris Migliore - ADT	GEOLOGIST:	R. Naroznik/J. Mausner
DRILLING METHOD:	Hand Auger		
SOIL SAMPLING METHOD:	Hand Auger	ELEVATION:	Grade
DATE BORING INSTALLED:	3/27/2006		
TOTAL DEPTH:	5.0' Below Grade	DEPTH TO WATER:	N/A

DEPTH (FT) BELOW SURFACE	PID READING (PPM)	BLOWS PER 6" OF SAMPLE	REC. (%)	LITHOLOGIC DESCRIPTION	SAMPLE DESIGNATION
0	0.0			Light borwn medium-coarse SAND with gravel No odor, no product observed.	Collect soil sample for VOCs, SVOCs, PCBs and RCRA Metals (Discreet VOC sample collected at 2.5')
2				Dark brown SAND with fines at 3'	
4					
6				End of boring at 5.0 ft.	
8					
10					
12					
14					
16					
18					
20					
22					

SOIL BORING LOG

DATE: 4/26/2006 DRAWN BY: JM
SCALE: NTS APP'D BY: MT
FILE NAME: P:\...\ESIs\CH053\Post-90% CH053\Boring Logs.xls

PB/STV
One Penn Plaza
NEW YORK, NY 10119-0061

BORING #: GE-54-9

PROJECT ID:	East Side Access (Sunnyside Yard)	STV PROJECT NO.:	07-12023
LOCATION:	Sunnyside Yard - LIRR Mainline Tracks		
DRILLER:	Chris Migliore - ADT	GEOLOGIST:	J. Mausner
DRILLING METHOD:	Hand Auger		
SOIL SAMPLING METHOD:	Hand Auger	ELEVATION:	Grade
DATE BORING INSTALLED:	6/28/2006		
TOTAL DEPTH:	5.0' Below Grade	DEPTH TO WATER:	N/A

DEPTH (FT) BELOW SURFACE	PID READING (PPM)	BLOWS PER 6" OF SAMPLE	REC. (%)	LITHOLOGIC DESCRIPTION	SAMPLE DESIGNATION
0	0.0			Light Brown, medium-fine sandy FILL MATERIAL, little gravel No odor, no product observed.	Collect soil sample for VOCs, SVOCs, PCBs and RCRA Metals (Discreet VOC sample collected at 3.0')
2					
4					
				End of boring at 5.0 ft.	
6					
8					
10					
12					
14					
16					
18					
20					
22					

SOIL BORING LOG

DATE: 9/14/2006 DRAWN BY: JM
SCALE: NTS APP'D BY: MT
FILE NAME: P:\...\ESIs\CH053\Post-90% CH053\Boring Logs.xls

PB/STV
One Penn Plaza
NEW YORK, NY 10119-0061

BORING #: GE-54-10

PROJECT ID:	**East Side Access (Sunnyside Yard)**	STV PROJECT NO.:	07-12023
LOCATION:	Sunnyside Yard - LIRR Mainline Tracks		
DRILLER:	Chris Migliore - ADT	GEOLOGIST:	J. Mausner
DRILLING METHOD:	Hand Auger		
SOIL SAMPLING METHOD:	Hand Auger	ELEVATION:	Grade
DATE BORING INSTALLED:	6/28/2006		
TOTAL DEPTH:	5.0' Below Grade	DEPTH TO WATER:	N/A

DEPTH (FT) BELOW SURFACE	PID READING (PPM)	BLOWS PER 6" OF SAMPLE	REC. (%)	LITHOLOGIC DESCRIPTION	SAMPLE DESIGNATION
0	0.0			Light Brown, medium-fine sandy FILL MATERIAL, little gravel No odor, no product observed.	Collect soil sample for VOCs, SVOCs, PCBs and RCRA Metals (Discreet VOC sample collected at 3.0')
2					
4					
				End of boring at 5.0 ft.	
6					
8					
10					
12					
14					
16					
18					
20					
22					

SOIL BORING LOG

DATE: 9/14/2006 DRAWN BY: JM
SCALE: NTS APP'D BY: MT
FILE NAME: P:\...\ESIs\CH053\Post-90% CH053\Boring Logs.xls

PB/STV
One Penn Plaza
NEW YORK, NY 10119-0061

BORING #: CV-1

PROJECT ID:	**East Side Access (Sunnyside Yard)**	STV PROJECT NO.:	07-12023
LOCATION:	Skillman Ave Sidewalk W/O Honeywell St.		
DRILLER:	Jersey Boring and Drilling	GEOLOGIST:	R. Naroznik
DRILLING METHOD:	Hand Auger/ Rotary Wash with Mud (CME 55)		
SOIL SAMPLING METHOD:	Split Spoon	ELEVATION:	Grade=351.6 feet
DATE BORING INSTALLED:	8/17/2005		
TOTAL DEPTH:	17' below grade (environmental samples)	DEPTH TO WATER:	N/A

DEPTH (FT) BELOW SURFACE	PID READING (PPM)	BLOWS PER 6" OF SAMPLE	REC. (%)	LITHOLOGIC DESCRIPTION	SAMPLE DESIGNATION
0	NA	NA	NA (Hand Auger)	Brown coarse to fine SAND, some coarse to fine gravel, few cobbles (SW) (FILL).	Environmental samples not collected
2					
4					
6	0.0	15-25-23-32	20	Brown, coarse to fine SAND, some coarse gravel, trace silt (SW).	Collect soil sample for VOCs, SVOCs, PCBs, TCLP Metals (6-8 feet)
8					
10	NA	22-29-30-45	16	Brown, coarse to fine SAND, some coarse gravel, trace silt (SW).	Environmental samples not collected.
12					
14					
16	0.0	23-33-37-35	17	Brown, coarse to fine SAND, some gray, coarse to fine gravel, trace silt (SW). No odor, no product observed.	Collect soil sample for VOCs, SVOCs, PCBs, TCLP Metals (15-17 feet)
18				End of boring 72 feet-bg. (refer to Geotechnical Boring Log for more information)	
20					
22					
24					
26					

SOIL BORING LOG

DATE: 9/27/2006 DRAWN BY: JM
SCALE: NTS APP'D BY: MT
FILE NAME: P:\...\ESIs\CH053\Post-90% CH053\Boring Logs.xls

PB/STV
One Penn Plaza
NEW YORK, NY 10119-0061

BORING #: CV-2

PROJECT ID:	**East Side Access (Sunnyside Yard)**	STV PROJECT NO.:	07-12023
LOCATION:	Skillman Ave Sidewalk W/O Honeywell St.		
DRILLER:	Jersey Boring and Drilling	GEOLOGIST:	R.Naroznik
DRILLING METHOD:	Hand Auger/ Rotary Wash with Mud (CME 55)		
SOIL SAMPLING METHOD:	Hand Auger/Split Spoon	ELEVATION:	Grade=329.7 feet
DATE BORING INSTALLED:	6/12/2006 (hand auger); 6/22/06		
TOTAL DEPTH:	17' below grade (environmental samples)	DEPTH TO WATER:	13.1 ft on 6/27/06

DEPTH (FT) BELOW SURFACE	PID READING (PPM)	BLOWS PER 6" OF SAMPLE	REC. (%)	LITHOLOGIC DESCRIPTION	SAMPLE DESIGNATION
0	0.0	NA	NA (Hand Auger)	Brown coarse-medium-fine SAND, trace coarse-medium-fine gravel, trace silt (SW) (FILL). 0-5 feet No odor, no product observed.	Collect soil sample for VOCs, SVOCs, PCBs, RCRA Metals (0-5 feet)
2					
4				Cobble layer at 5 feet. Brown medium-fine SAND, little cobbles, little to some clay and silt (SC) (FILL) 5-6 feet No odor, no product observed.	
	0.0				
6	NA	11-11-10-41	13	Brown coarse-med-fine SAND, trace fine gravel, trace silt, moist (SP) (FILL)	Environmental samples not collected
8	NA	10-24-34-54	16	Brown SILT, trace fine sand, trace clay, slight plasticity, very stiff, moist (ML)	Environmental samples not collected
10	NA	18-32-38-50	8	Brown, coarse to fine SAND, some fine gravel, trace silt, moist (SP).	Environmental samples not collected
12					
14					
	0.0	18-31-32-33	13	Brown, medium to fine SAND, little fine gravel, some silt, moist (SM) No odor, no product observed.	Collect soil sample for VOCs, SVOCs, PCBs, RCRA Metals (15-17 feet)
16					
18				End of boring 70 feet-bg. (refer to Geotechnical Boring Log for more information)	
20					
22					
24					
26					

SOIL BORING LOG

DATE: 9/27/2006 DRAWN BY: JM
SCALE: NTS APP'D BY: MT
FILE NAME: P:\...\ESIs\CH053\Post-90% CH053\Boring Logs.xls

PB/STV

PB/STV
One Penn Plaza
NEW YORK, NY 10119-0061

BORING #: UT-10

PROJECT ID:	**East Side Access (Sunnyside Yard)**	STV PROJECT NO.:	07-12023
LOCATION:	N/O Skillman Ave and W/O Honeywell St.		
DRILLER:	Jersey Boring and Drilling	GEOLOGIST:	R.Naroznik
DRILLING METHOD:	Hand Auger/ Rotary Wash with Revert		
SOIL SAMPLING METHOD:	Hand Auger	ELEVATION:	Grade=325.3 feet
DATE BORING INSTALLED:	6/12/2006		
TOTAL DEPTH:	5' below grade (environmental samples)	DEPTH TO WATER:	NA

DEPTH (FT) BELOW SURFACE	PID READING (PPM)	# BLOWS PER 6" / LOF SAMPLE	REC. (%)	LITHOLOGIC DESCRIPTION	SAMPLE DESIGNATION
0	0.0	NA	NA (Hand Auger)	Brown coarse-medium-fine SAND, little cobbles trace silt (GW) (0-3 feet) No odor, no product observed.	Collect soil sample for VOCs, SVOCs, PCBs, RCRA Total Metals (0-5 ft)
2	0.0			Light brown, medium-fine SAND, little medium-fine silt (SP) (3-6 feet). No odor, no product observed.	
4					
6				End of boring 49.5 feet-bg. (refer to Geotechnical Boring Log for more information)	
8					
10					
12					
14					
16					
18					
20					
22					
24					
26					

SOIL BORING LOG

DATE: 9/27/2006 DRAWN BY: JM
SCALE: NTS APP'D BY: MT
FILE NAME: P:\..\ESIs\CH053\Post-90% CH053\Boring Logs.xls

PB/STV
One Penn Plaza
NEW YORK, NY 10119-0061

BORING #: WB-4

PROJECT ID:	**East Side Access (Sunnyside Yard)**	STV PROJECT NO.:	07-12023
LOCATION:	Skillman Ave Sidewalk W/O Honeywell St.		
DRILLER:	Jersey Boring and Drilling	GEOLOGIST:	R. Naroznik
DRILLING METHOD:	Hand Auger/ Rotary Wash with Mud (CME 55)		
SOIL SAMPLING METHOD:	Split Spoon	ELEVATION:	Grade=335.8 feet
DATE BORING INSTALLED:	6/14/06 and 6/15/06		
TOTAL DEPTH:	12' below grade (environmental samples)	DEPTH TO WATER:	15.0 ft on 6/21/06

DEPTH (FT) BELOW SURFACE	PID READING (PPM)	# BLOWS PER 6" OF SAMPLE	REC. (%)	LITHOLOGIC DESCRIPTION	SAMPLE DESIGNATION
0	0.0	NA	NA (Hand Auger)	Brown coarse to fine SAND and coarse to fine GRAVEL, little cobbles, trace silt, many tree roots (SW) (FILL) No odor, no product observed.	Collect soil sample for VOCs, SVOCs, PCBs, Total RCRA Metals (0-5 ft)
2					
4					
6	0.0	1-3-4-5	10	*Mottled brown and gray coarse to fine SAND, trace fine gravel, trace silt (SW).* No odor, no product observed.	Environmental samples not collected
8	0.0	5-10-13-13	20	Brown coarse to fine SAND (SW).	Environmental samples not collected
10	0.0	12-56-8	12	Brown, coarse to fine SAND, micaceaous, little silt (SM). No odor, no product observed.	Collect soil sample for VOCs, SVOCs, PCBs, *Total RCRA Metals (10-12 ft)*
12				*End of boring 100 feet-bg; rock core 100 to 110 ft-bg.* (refer to Geotechnical Boring Log for more information)	
14					
16					
18					
20					
22					
24					
26					

SOIL BORING LOG

DATE: 9/27/2006 DRAWN BY: JM
SCALE: NTS APP'D BY: MT
FILE NAME: P:\...\ESIs\CH053\Post-90% CH053\Boring Logs.xls

PB/STV
One Penn Plaza
NEW YORK, NY 10119-0061

APPENDIX B

CHEMTECH 284 Sheffield Street • Mountainside, NJ 07092 Phone: 908.789.8900 Fax: 908.789.8922

ANALYTICAL RESULTS SUMMARY

PROJECT NAME: MTA/LIRR East side access-GEC Contract

PB/STV/PTG JOINT VENTURE
469 7TH AVENUE, 14TH FLOOR
NEW YORK, NY 10018
2129041702

CHEMTECH PROJECT NO. **X3906**
ATTENTION: **Romana Narozik**

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/26/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/28/2006
Client Sample ID:	GE-53-3	**SDG No.:**	X3906
Lab Sample ID:	X3906-01	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	9
Sample Wt/Vol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK008749.D	1	8/4/2006	VK072506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.7	U	27	4.7	ug/Kg
74-87-3	Chloromethane	4.6	U	27	4.6	ug/Kg
75-01-4	Vinyl chloride	4.5	U	27	4.5	ug/Kg
74-83-9	Bromomethane	11	U	27	11	ug/Kg
75-00-3	Chloroethane	12	U	27	12	ug/Kg
75-69-4	Trichlorofluoromethane	6.8	U	27	6.8	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.6	U	27	3.6	ug/Kg
75-35-4	1,1-Dichloroethene	3.1	U	27	3.1	ug/Kg
67-64-1	Acetone	18	U	140	18	ug/Kg
75-15-0	Carbon disulfide	2.0	U	27	2.0	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.0	U	27	2.0	ug/Kg
79-20-9	Methyl Acetate	4.7	U	27	4.7	ug/Kg
75-09-2	Methylene Chloride	9.9	U	27	9.9	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.5	U	27	3.5	ug/Kg
75-34-3	1,1-Dichloroethane	1.5	U	27	1.5	ug/Kg
110-82-7	Cyclohexane	1.8	U	27	1.8	ug/Kg
78-93-3	2-Butanone	15	U	140	15	ug/Kg
56-23-5	Carbon Tetrachloride	2.4	U	27	2.4	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.8	U	27	1.8	ug/Kg
67-66-3	Chloroform	1.9	U	27	1.9	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.3	U	27	2.3	ug/Kg
108-87-2	Methylcyclohexane	2.3	U	27	2.3	ug/Kg
71-43-2	Benzene	2.2	U	27	2.2	ug/Kg
107-06-2	1,2-Dichloroethane	1.7	U	27	1.7	ug/Kg
79-01-6	Trichloroethene	1.7	U	27	1.7	ug/Kg
78-87-5	1,2-Dichloropropane	2.2	U	27	2.2	ug/Kg
75-27-4	Bromodichloromethane	1.8	U	27	1.8	ug/Kg
108-10-1	4-Methyl-2-Pentanone	11	U	140	11	ug/Kg
108-88-3	Toluene	2.2	U	27	2.2	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.0	U	27	2.0	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.8	U	27	1.8	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.6	U	27	1.6	ug/Kg

U = Not Detected
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E = Value Exceeds Calibration Range
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B = Analyte Found in Associated Method Blank
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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/26/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/28/2006
Client Sample ID:	GE-53-3	**SDG No.:**	X3906
Lab Sample ID:	X3906-01	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	9
Sample Wt/Wol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK008749.D	1	8/4/2006	VK072506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	20	U	140	20	ug/Kg
124-48-1	Dibromochloromethane	1.3	U	27	1.3	ug/Kg
106-93-4	1,2-Dibromoethane	2.2	U	27	2.2	ug/Kg
127-18-4	Tetrachloroethene	4.0	U	27	4.0	ug/Kg
108-90-7	Chlorobenzene	2.0	U	27	2.0	ug/Kg
100-41-4	Ethyl Benzene	1.9	U	27	1.9	ug/Kg
126777-61-2	m/p-Xylenes	4.7	U	27	4.7	ug/Kg
95-47-6	o-Xylene	2.1	U	27	2.1	ug/Kg
100-42-5	Styrene	2.5	U	27	2.5	ug/Kg
75-25-2	Bromoform	1.7	U	27	1.7	ug/Kg
98-82-8	Isopropylbenzene	2.3	U	27	2.3	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.7	U	27	1.7	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.0	U	27	3.0	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.0	U	27	3.0	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.1	U	27	2.1	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.1	U	27	5.1	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.7	U	27	3.7	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	41.25	83 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	50.76	102 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	49.59	99 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	38.51	77 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	114837	3.52			
540-36-3	1,4-Difluorobenzene	90535	3.92			
3114-55-4	Chlorobenzene-d5	64130	6.69			
3855-82-1	1,4-Dichlorobenzene-d4	45661	8.97			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/26/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/28/2006
Client Sample ID:	GE-53-5	**SDG No.:**	X3906
Lab Sample ID:	X3906-03	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	10
Sample Wt/Wol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK008752.D	1	8/4/2006	VK072506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.6	U	27	4.6	ug/Kg
74-87-3	Chloromethane	4.6	U	27	4.6	ug/Kg
75-01-4	Vinyl chloride	4.4	U	27	4.4	ug/Kg
74-83-9	Bromomethane	11	U	27	11	ug/Kg
75-00-3	Chloroethane	11	U	27	11	ug/Kg
75-69-4	Trichlorofluoromethane	6.7	U	27	6.7	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.6	U	27	3.6	ug/Kg
75-35-4	1,1-Dichloroethene	3.1	U	27	3.1	ug/Kg
67-64-1	Acetone	44	J	130	18	ug/Kg
75-15-0	Carbon disulfide	2.0	U	27	2.0	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.0	U	27	2.0	ug/Kg
79-20-9	Methyl Acetate	4.6	U	27	4.6	ug/Kg
75-09-2	Methylene Chloride	9.7	U	27	9.7	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.4	U	27	3.4	ug/Kg
75-34-3	1,1-Dichloroethane	1.4	U	27	1.4	ug/Kg
110-82-7	Cyclohexane	1.7	U	27	1.7	ug/Kg
78-93-3	2-Butanone	15	U	130	15	ug/Kg
56-23-5	Carbon Tetrachloride	2.4	U	27	2.4	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.7	U	27	1.7	ug/Kg
67-66-3	Chloroform	1.9	U	27	1.9	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.2	U	27	2.2	ug/Kg
108-87-2	Methylcyclohexane	2.2	U	27	2.2	ug/Kg
71-43-2	Benzene	2.1	U	27	2.1	ug/Kg
107-06-2	1,2-Dichloroethane	1.6	U	27	1.6	ug/Kg
79-01-6	Trichloroethene	1.6	U	27	1.6	ug/Kg
78-87-5	1,2-Dichloropropane	2.1	U	27	2.1	ug/Kg
75-27-4	Bromodichloromethane	1.8	U	27	1.8	ug/Kg
108-10-1	4-Methyl-2-Pentanone	11	U	130	11	ug/Kg
108-88-3	Toluene	2.2	U	27	2.2	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1.9	U	27	1.9	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.8	U	27	1.8	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.6	U	27	1.6	ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/26/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/28/2006
Client Sample ID:	GE-53-5	**SDG No.:**	X3906
Lab Sample ID:	X3906-03	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	10
Sample Wt/Wol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK008752.D	1	8/4/2006	VK072506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	19	U	130	19	ug/Kg
124-48-1	Dibromochloromethane	1.2	U	27	1.2	ug/Kg
106-93-4	1,2-Dibromoethane	2.1	U	27	2.1	ug/Kg
127-18-4	Tetrachloroethene	3.9	U	27	3.9	ug/Kg
108-90-7	Chlorobenzene	1.9	U	27	1.9	ug/Kg
100-41-4	Ethyl Benzene	1.9	U	27	1.9	ug/Kg
126777-61-2	m/p-Xylenes	4.6	U	27	4.6	ug/Kg
95-47-6	o-Xylene	2.1	U	27	2.1	ug/Kg
100-42-5	Styrene	2.5	U	27	2.5	ug/Kg
75-25-2	Bromoform	1.7	U	27	1.7	ug/Kg
98-82-8	Isopropylbenzene	2.2	U	27	2.2	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.7	U	27	1.7	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.0	U	27	3.0	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.9	U	27	2.9	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.1	U	27	2.1	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.0	U	27	5.0	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.6	U	27	3.6	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	44.04	88 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	51.32	103 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	47.27	95 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	43.24	86 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	112339	3.52			
540-36-3	1,4-Difluorobenzene	93560	3.92			
3114-55-4	Chlorobenzene-d5	69600	6.69			
3855-82-1	1,4-Dichlorobenzene-d4	63322	8.97			

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/28/2006
Client Sample ID:	GE-53-5-18	**SDG No.:**	X3906
Lab Sample ID:	X3906-05	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	9
Sample Wt/Wol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK008753.D	1	8/4/2006	VK072506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.8	U	28	4.8	ug/Kg
74-87-3	Chloromethane	4.8	U	28	4.8	ug/Kg
75-01-4	Vinyl chloride	4.6	U	28	4.6	ug/Kg
74-83-9	Bromomethane	11	U	28	11	ug/Kg
75-00-3	Chloroethane	12	U	28	12	ug/Kg
75-69-4	Trichlorofluoromethane	7.0	U	28	7.0	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.7	U	28	3.7	ug/Kg
75-35-4	1,1-Dichloroethene	3.2	U	28	3.2	ug/Kg
67-64-1	Acetone	19	U	140	19	ug/Kg
75-15-0	Carbon disulfide	2.1	U	28	2.1	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.1	U	28	2.1	ug/Kg
79-20-9	Methyl Acetate	4.8	U	28	4.8	ug/Kg
75-09-2	Methylene Chloride	10	U	28	10	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.6	U	28	3.6	ug/Kg
75-34-3	1,1-Dichloroethane	1.5	U	28	1.5	ug/Kg
110-82-7	Cyclohexane	1.8	U	28	1.8	ug/Kg
78-93-3	2-Butanone	16	U	140	16	ug/Kg
56-23-5	Carbon Tetrachloride	2.5	U	28	2.5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.8	U	28	1.8	ug/Kg
67-66-3	Chloroform	2.0	U	28	2.0	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.3	U	28	2.3	ug/Kg
108-87-2	Methylcyclohexane	2.4	U	28	2.4	ug/Kg
71-43-2	Benzene	2.2	U	28	2.2	ug/Kg
107-06-2	1,2-Dichloroethane	1.7	U	28	1.7	ug/Kg
79-01-6	Trichloroethene	1.7	U	28	1.7	ug/Kg
78-87-5	1,2-Dichloropropane	2.2	U	28	2.2	ug/Kg
75-27-4	Bromodichloromethane	1.9	U	28	1.9	ug/Kg
108-10-1	4-Methyl-2-Pentanone	11	U	140	11	ug/Kg
108-88-3	Toluene	2.3	U	28	2.3	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.0	U	28	2.0	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.9	U	28	1.9	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.6	U	28	1.6	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/28/2006
Client Sample ID:	GE-53-5-18	**SDG No.:**	X3906
Lab Sample ID:	X3906-05	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	9
Sample Wt/Wol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK008753.D	1	8/4/2006	VK072506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	20	U	140	20	ug/Kg
124-48-1	Dibromochloromethane	1.3	U	28	1.3	ug/Kg
106-93-4	1,2-Dibromoethane	2.3	U	28	2.3	ug/Kg
127-18-4	Tetrachloroethene	4.1	U	28	4.1	ug/Kg
108-90-7	Chlorobenzene	2.0	U	28	2.0	ug/Kg
100-41-4	Ethyl Benzene	2.0	U	28	2.0	ug/Kg
126777-61-2	m/p-Xylenes	4.8	U	28	4.8	ug/Kg
95-47-6	o-Xylene	2.2	U	28	2.2	ug/Kg
100-42-5	Styrene	2.6	U	28	2.6	ug/Kg
75-25-2	Bromoform	1.7	U	28	1.7	ug/Kg
98-82-8	Isopropylbenzene	2.3	U	28	2.3	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.7	U	28	1.7	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.1	U	28	3.1	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.1	U	28	3.1	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.2	U	28	2.2	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.3	U	28	5.3	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.8	U	28	3.8	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	44.52	89 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	47.55	95 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	44.82	90 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	41.98	84 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	110745	3.52			
540-36-3	1,4-Difluorobenzene	93050	3.92			
3114-55-4	Chlorobenzene-d5	66059	6.69			
3855-82-1	1,4-Dichlorobenzene-d4	56296	8.97			

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/28/2006
Client Sample ID:	GE-53-3-12	**SDG No.:**	X3906
Lab Sample ID:	X3906-07	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	8
Sample Wt/Vol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK008754.D	1	8/4/2006	VK072506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.7	U	27	4.7	ug/Kg
74-87-3	Chloromethane	4.6	U	27	4.6	ug/Kg
75-01-4	Vinyl chloride	4.5	U	27	4.5	ug/Kg
74-83-9	Bromomethane	11	U	27	11	ug/Kg
75-00-3	Chloroethane	12	U	27	12	ug/Kg
75-69-4	Trichlorofluoromethane	6.8	U	27	6.8	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.6	U	27	3.6	ug/Kg
75-35-4	1,1-Dichloroethene	3.1	U	27	3.1	ug/Kg
67-64-1	Acetone	18	U	140	18	ug/Kg
75-15-0	Carbon disulfide	2.0	U	27	2.0	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.0	U	27	2.0	ug/Kg
79-20-9	Methyl Acetate	4.7	U	27	4.7	ug/Kg
75-09-2	Methylene Chloride	9.9	U	27	9.9	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.5	U	27	3.5	ug/Kg
75-34-3	1,1-Dichloroethane	1.5	U	27	1.5	ug/Kg
110-82-7	Cyclohexane	1.8	U	27	1.8	ug/Kg
78-93-3	2-Butanone	15	U	140	15	ug/Kg
56-23-5	Carbon Tetrachloride	2.4	U	27	2.4	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.8	U	27	1.8	ug/Kg
67-66-3	Chloroform	1.9	U	27	1.9	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.3	U	27	2.3	ug/Kg
108-87-2	Methylcyclohexane	2.3	U	27	2.3	ug/Kg
71-43-2	Benzene	2.2	U	27	2.2	ug/Kg
107-06-2	1,2-Dichloroethane	1.7	U	27	1.7	ug/Kg
79-01-6	Trichloroethene	1.7	U	27	1.7	ug/Kg
78-87-5	1,2-Dichloropropane	2.2	U	27	2.2	ug/Kg
75-27-4	Bromodichloromethane	1.8	U	27	1.8	ug/Kg
108-10-1	4-Methyl-2-Pentanone	11	U	140	11	ug/Kg
108-88-3	Toluene	2.2	U	27	2.2	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.0	U	27	2.0	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.8	U	27	1.8	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.6	U	27	1.6	ug/Kg

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Report of Analysis

Client:	**PB/STV/PTG Joint Venture**	**Date Collected:**	**7/27/2006**
Project:	**MTA/LIRR East side access-GEC C**	**Date Received:**	**7/28/2006**
Client Sample ID:	**GE-53-3-12**	**SDG No.:**	**X3906**
Lab Sample ID:	**X3906-07**	**Matrix:**	**SOIL**
Analytical Method:	**8260**	**% Moisture:**	**8**
Sample Wt/Vol:	**1.0 Units: g**	**Soil Extract Vol:**	**uL**
Soil Aliquot Vol:	**uL**		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK008754.D	1	8/4/2006	VK072506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	20	U	140	20	ug/Kg
124-48-1	Dibromochloromethane	1.2	U	27	1.2	ug/Kg
106-93-4	1,2-Dibromoethane	2.2	U	27	2.2	ug/Kg
127-18-4	Tetrachloroethene	4.0	U	27	4.0	ug/Kg
108-90-7	Chlorobenzene	2.0	U	27	2.0	ug/Kg
100-41-4	Ethyl Benzene	1.9	U	27	1.9	ug/Kg
126777-61-2	m/p-Xylenes	4.7	U	27	4.7	ug/Kg
95-47-6	o-Xylene	2.1	U	27	2.1	ug/Kg
100-42-5	Styrene	2.5	U	27	2.5	ug/Kg
75-25-2	Bromoform	1.7	U	27	1.7	ug/Kg
98-82-8	Isopropylbenzene	2.3	U	27	2.3	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.7	U	27	1.7	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.0	U	27	3.0	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.0	U	27	3.0	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.1	U	27	2.1	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.1	U	27	5.1	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.7	U	27	3.7	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	44.99	90 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	49.41	99 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	46.03	92 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	39.72	79 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	107030	3.51			
540-36-3	1,4-Difluorobenzene	88856	3.92			
3114-55-4	Chlorobenzene-d5	63570	6.69			
3855-82-1	1,4-Dichlorobenzene-d4	54397	8.96			

U = Not Detected
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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/28/2006
Client Sample ID:	GE-53-3-25	**SDG No.:**	X3906
Lab Sample ID:	X3906-09	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	7
Sample Wt/Wol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK008755.D	1	8/4/2006	VK072506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.5	U	26	4.5	ug/Kg
74-87-3	Chloromethane	4.5	U	26	4.5	ug/Kg
75-01-4	Vinyl chloride	4.3	U	26	4.3	ug/Kg
74-83-9	Bromomethane	11	U	26	11	ug/Kg
75-00-3	Chloroethane	11	U	26	11	ug/Kg
75-69-4	Trichlorofluoromethane	6.5	U	26	6.5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.5	U	26	3.5	ug/Kg
75-35-4	1,1-Dichloroethene	3.0	U	26	3.0	ug/Kg
67-64-1	Acetone	18	U	130	18	ug/Kg
75-15-0	Carbon disulfide	1.9	U	26	1.9	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.9	U	26	1.9	ug/Kg
79-20-9	Methyl Acetate	4.5	U	26	4.5	ug/Kg
75-09-2	Methylene Chloride	9.5	U	26	9.5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.3	U	26	3.3	ug/Kg
75-34-3	1,1-Dichloroethane	1.4	U	26	1.4	ug/Kg
110-82-7	Cyclohexane	1.7	U	26	1.7	ug/Kg
78-93-3	2-Butanone	15	U	130	15	ug/Kg
56-23-5	Carbon Tetrachloride	2.3	U	26	2.3	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.7	U	26	1.7	ug/Kg
67-66-3	Chloroform	1.8	U	26	1.8	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.2	U	26	2.2	ug/Kg
108-87-2	Methylcyclohexane	2.2	U	26	2.2	ug/Kg
71-43-2	Benzene	2.1	U	26	2.1	ug/Kg
107-06-2	1,2-Dichloroethane	1.6	U	26	1.6	ug/Kg
79-01-6	Trichloroethene	1.6	U	26	1.6	ug/Kg
78-87-5	1,2-Dichloropropane	2.1	U	26	2.1	ug/Kg
75-27-4	Bromodichloromethane	1.7	U	26	1.7	ug/Kg
108-10-1	4-Methyl-2-Pentanone	10	U	130	10	ug/Kg
108-88-3	Toluene	2.1	U	26	2.1	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1.9	U	26	1.9	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.7	U	26	1.7	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.5	U	26	1.5	ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/28/2006
Client Sample ID:	GE-53-3-25	**SDG No.:**	X3906
Lab Sample ID:	X3906-09	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	7
Sample Wt/Wol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK008755.D	1	8/4/2006	VK072506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	19	U	130	19	ug/Kg
124-48-1	Dibromochloromethane	1.2	U	26	1.2	ug/Kg
106-93-4	1,2-Dibromoethane	2.1	U	26	2.1	ug/Kg
127-18-4	Tetrachloroethene	3.8	U	26	3.8	ug/Kg
108-90-7	Chlorobenzene	1.9	U	26	1.9	ug/Kg
100-41-4	Ethyl Benzene	1.8	U	26	1.8	ug/Kg
126777-61-2	m/p-Xylenes	4.5	U	26	4.5	ug/Kg
95-47-6	o-Xylene	2.0	U	26	2.0	ug/Kg
100-42-5	Styrene	2.4	U	26	2.4	ug/Kg
75-25-2	Bromoform	1.6	U	26	1.6	ug/Kg
98-82-8	Isopropylbenzene	2.2	U	26	2.2	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.6	U	26	1.6	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.9	U	26	2.9	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.8	U	26	2.8	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.0	U	26	2.0	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	4.9	U	26	4.9	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.6	U	26	3.6	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	44.38	89 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	50.72	101 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	46.84	94 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	44.7	89 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	108560	3.51			
540-36-3	1,4-Difluorobenzene	89488	3.91			
3114-55-4	Chlorobenzene-d5	67360	6.69			
3855-82-1	1,4-Dichlorobenzene-d4	64535	8.96			

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Summary Sheet
SW-846

SDG No.: X3906 Order ID: X3906

Client: PB/STV/PTG Joint Venture Project ID: PBST01

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	GE-53-5							
X3906-03	GE-53-5	SOIL	Acetone	44	J	130	18	ug/Kg
			Total VOC's:	44.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	44.00				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/26/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/28/2006
Client Sample ID:	GE-53-3	**SDG No.:**	X3906
Lab Sample ID:	X3906-02	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	11
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB032592.D	5	7/31/2006	8/1/2006	BB073106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	380	U	1800	380	ug/Kg
108-95-2	Phenol	280	U	1800	280	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	290	U	1800	290	ug/Kg
95-57-8	2-Chlorophenol	300	U	1800	300	ug/Kg
95-48-7	2-Methylphenol	310	U	1800	310	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	300	U	1800	300	ug/Kg
98-86-2	Acetophenone	270	U	1800	270	ug/Kg
106-44-5	3+4-Methylphenols	290	U	1800	290	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	310	U	1800	310	ug/Kg
67-72-1	Hexachloroethane	310	U	1800	310	ug/Kg
98-95-3	Nitrobenzene	400	U	1800	400	ug/Kg
78-59-1	Isophorone	280	U	1800	280	ug/Kg
88-75-5	2-Nitrophenol	290	U	1800	290	ug/Kg
105-67-9	2,4-Dimethylphenol	290	U	1800	290	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	300	U	1800	300	ug/Kg
120-83-2	2,4-Dichlorophenol	340	U	1800	340	ug/Kg
91-20-3	Naphthalene	320	U	1800	320	ug/Kg
106-47-8	4-Chloroaniline	220	U	1800	220	ug/Kg
87-68-3	Hexachlorobutadiene	290	U	1800	290	ug/Kg
105-60-2	Caprolactam	300	U	1800	300	ug/Kg
59-50-7	4-Chloro-3-methylphenol	260	U	1800	260	ug/Kg
91-57-6	2-Methylnaphthalene	310	U	1800	310	ug/Kg
77-47-4	Hexachlorocyclopentadiene	300	U	1800	300	ug/Kg
88-06-2	2,4,6-Trichlorophenol	270	U	1800	270	ug/Kg
95-95-4	2,4,5-Trichlorophenol	280	U	4700	280	ug/Kg
92-52-4	1,1-Biphenyl	310	U	1800	310	ug/Kg
91-58-7	2-Chloronaphthalene	310	U	1800	310	ug/Kg
88-74-4	2-Nitroaniline	240	U	4700	240	ug/Kg
131-11-3	Dimethylphthalate	300	U	1800	300	ug/Kg
208-96-8	Acenaphthylene	300	U	1800	300	ug/Kg
606-20-2	2,6-Dinitrotoluene	260	U	1800	260	ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/26/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/28/2006
Client Sample ID:	GE-53-3	**SDG No.:**	X3906
Lab Sample ID:	X3906-02	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	11
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB032592.D	5	7/31/2006	8/1/2006	BB073106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	240	U	4700	240	ug/Kg
83-32-9	Acenaphthene	330	U	1800	330	ug/Kg
51-28-5	2,4-Dinitrophenol	1600	U	4700	1600	ug/Kg
100-02-7	4-Nitrophenol	230	U	4700	230	ug/Kg
132-64-9	Dibenzofuran	310	U	1800	310	ug/Kg
121-14-2	2,4-Dinitrotoluene	270	U	1800	270	ug/Kg
84-66-2	Diethylphthalate	320	U	1800	320	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	290	U	1800	290	ug/Kg
86-73-7	Fluorene	310	U	1800	310	ug/Kg
100-01-6	4-Nitroaniline	320	U	4700	320	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	360	U	4700	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	310	U	1800	310	ug/Kg
101-55-3	4-Bromophenyl-phenylether	280	U	1800	280	ug/Kg
118-74-1	Hexachlorobenzene	300	U	1800	300	ug/Kg
1912-24-9	Atrazine	280	U	1800	280	ug/Kg
87-86-5	Pentachlorophenol	430	U	4700	430	ug/Kg
85-01-8	Phenanthrene	300	U	1800	300	ug/Kg
120-12-7	Anthracene	280	U	1800	280	ug/Kg
86-74-8	Carbazole	280	U	1800	280	ug/Kg
84-74-2	Di-n-butylphthalate	280	U	1800	280	ug/Kg
206-44-0	Fluoranthene	860	J	1800	280	ug/Kg
129-00-0	Pyrene	990	J	1800	330	ug/Kg
85-68-7	Butylbenzylphthalate	300	U	1800	300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	320	U	1800	320	ug/Kg
56-55-3	Benzo(a)anthracene	480	J	1800	260	ug/Kg
218-01-9	Chrysene	670	J	1800	330	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	360	U	1800	360	ug/Kg
117-84-0	Di-n-octyl phthalate	320	U	1800	320	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200	J	1800	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	410	J	1800	410	ug/Kg
50-32-8	Benzo(a)pyrene	550	J	1800	300	ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/26/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/28/2006
Client Sample ID:	GE-53-3	**SDG No.:**	X3906
Lab Sample ID:	X3906-02	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	11
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB032592.D	5	7/31/2006	8/1/2006	BB073106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	670	J	1800	240	ug/Kg
53-70-3	Dibenz(a,h)anthracene	230	U	1800	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	310	U	1800	310	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	126.35	84 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	139.65	93 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	95.25	95 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	96.35001	96 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	126.3	84 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	105.45	105 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	334865	7.00			
1146-65-2	Naphthalene-d8	1294486	9.35			
15067-26-2	Acenaphthene-d10	700897	12.86			
1517-22-2	Phenanthrene-d10	965080	15.89			
1719-03-5	Chrysene-d12	724205	21.30			
1520-96-3	Perylene-d12	363554	25.05			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP4.50	3800	A	4.50		ug/Kg
	unknown14.71	380	J	14.71		ug/Kg
1599-67-3	1-Docosene	470	J	21.02		ug/Kg
205-99-2	Benz[e]acephenanthrylene	1400	J	24.69		ug/Kg
	unknown28.45	1200	J	28.45		ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/26/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/28/2006
Client Sample ID:	GE-53-5	**SDG No.:**	X3906
Lab Sample ID:	X3906-04	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	9
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB032587.D	1	7/31/2006	8/1/2006	BB073106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	74	U	360	74	ug/Kg
108-95-2	Phenol	55	U	360	55	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57	U	360	57	ug/Kg
95-57-8	2-Chlorophenol	58	U	360	58	ug/Kg
95-48-7	2-Methylphenol	60	U	360	60	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58	U	360	58	ug/Kg
98-86-2	Acetophenone	53	U	360	53	ug/Kg
106-44-5	3+4-Methylphenols	57	U	360	57	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	60	U	360	60	ug/Kg
67-72-1	Hexachloroethane	62	U	360	62	ug/Kg
98-95-3	Nitrobenzene	79	U	360	79	ug/Kg
78-59-1	Isophorone	54	U	360	54	ug/Kg
88-75-5	2-Nitrophenol	56	U	360	56	ug/Kg
105-67-9	2,4-Dimethylphenol	57	U	360	57	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	60	U	360	60	ug/Kg
120-83-2	2,4-Dichlorophenol	67	U	360	67	ug/Kg
91-20-3	Naphthalene	62	U	360	62	ug/Kg
106-47-8	4-Chloroaniline	43	U	360	43	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	360	56	ug/Kg
105-60-2	Caprolactam	58	U	360	58	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	360	50	ug/Kg
91-57-6	2-Methylnaphthalene	61	U	360	61	ug/Kg
77-47-4	Hexachlorocyclopentadiene	58	U	360	58	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	360	53	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	910	55	ug/Kg
92-52-4	1,1-Biphenyl	60	U	360	60	ug/Kg
91-58-7	2-Chloronaphthalene	60	U	360	60	ug/Kg
88-74-4	2-Nitroaniline	46	U	910	46	ug/Kg
131-11-3	Dimethylphthalate	58	U	360	58	ug/Kg
208-96-8	Acenaphthylene	59	U	360	59	ug/Kg
606-20-2	2,6-Dinitrotoluene	51	U	360	51	ug/Kg

U = Not Detected
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N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/26/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/28/2006
Client Sample ID:	GE-53-5	**SDG No.:**	X3906
Lab Sample ID:	X3906-04	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	9
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB032587.D	1	7/31/2006	8/1/2006	BB073106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	47	U	910	47	ug/Kg
83-32-9	Acenaphthene	64	U	360	64	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	910	310	ug/Kg
100-02-7	4-Nitrophenol	45	U	910	45	ug/Kg
132-64-9	Dibenzofuran	60	U	360	60	ug/Kg
121-14-2	2,4-Dinitrotoluene	53	U	360	53	ug/Kg
84-66-2	Diethylphthalate	63	U	360	63	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	360	57	ug/Kg
86-73-7	Fluorene	61	U	360	61	ug/Kg
100-01-6	4-Nitroaniline	62	U	910	62	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70	U	910	70	ug/Kg
86-30-6	N-Nitrosodiphenylamine	60	U	360	60	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	360	54	ug/Kg
118-74-1	Hexachlorobenzene	58	U	360	58	ug/Kg
1912-24-9	Atrazine	56	U	360	56	ug/Kg
87-86-5	Pentachlorophenol	84	U	910	84	ug/Kg
85-01-8	Phenanthrene	58	U	360	58	ug/Kg
120-12-7	Anthracene	55	U	360	55	ug/Kg
86-74-8	Carbazole	55	U	360	55	ug/Kg
84-74-2	Di-n-butylphthalate	55	U	360	55	ug/Kg
206-44-0	Fluoranthene	54	U	360	54	ug/Kg
129-00-0	Pyrene	64	U	360	64	ug/Kg
85-68-7	Butylbenzylphthalate	59	U	360	59	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	360	62	ug/Kg
56-55-3	Benzo(a)anthracene	51	U	360	51	ug/Kg
218-01-9	Chrysene	65	U	360	65	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	70	U	360	70	ug/Kg
117-84-0	Di-n-octyl phthalate	62	U	360	62	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	360	40	ug/Kg
207-08-9	Benzo(k)fluoranthene	80	U	360	80	ug/Kg
50-32-8	Benzo(a)pyrene	58	U	360	58	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/26/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/28/2006
Client Sample ID:	GE-53-5	**SDG No.:**	X3906
Lab Sample ID:	X3906-04	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	9
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB032587.D	1	7/31/2006	8/1/2006	BB073106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	46	U	360	46	ug/Kg
53-70-3	Dibenz(a,h)anthracene	45	U	360	45	ug/Kg
191-24-2	Benzo(g,h,i)perylene	60	U	360	60	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	124.16	83 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	130.16	87 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	98.59	99 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	90.69	91 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	124.88	83 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	92.24	92 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	300454	7.00			
1146-65-2	Naphthalene-d8	1147372	9.35			
15067-26-2	Acenaphthene-d10	636066	12.86			
1517-22-2	Phenanthrene-d10	894160	15.88			
1719-03-5	Chrysene-d12	765075	21.28			
1520-96-3	Perylene-d12	554109	25.06			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP4.51	3900	AB	4.51		ug/Kg
1599-67-3	1-Docosene	510	J	21.01		ug/Kg
301-02-0	9-Octadecenamide, (Z)-	700	J	23.23		ug/Kg
7683-64-9	Squalene	160	J	23.50		ug/Kg
18435-45-5	1-Nonadecene	130	J	26.91		ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/28/2006
Client Sample ID:	GE-53-5-18	**SDG No.:**	X3906
Lab Sample ID:	X3906-06	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	8
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB032590.D	1	7/31/2006	8/1/2006	BB073106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	73	U	360	73	ug/Kg
108-95-2	Phenol	54	U	360	54	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57	U	360	57	ug/Kg
95-57-8	2-Chlorophenol	57	U	360	57	ug/Kg
95-48-7	2-Methylphenol	59	U	360	59	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58	U	360	58	ug/Kg
98-86-2	Acetophenone	52	U	360	52	ug/Kg
106-44-5	3+4-Methylphenols	56	U	360	56	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	59	U	360	59	ug/Kg
67-72-1	Hexachloroethane	61	U	360	61	ug/Kg
98-95-3	Nitrobenzene	78	U	360	78	ug/Kg
78-59-1	Isophorone	54	U	360	54	ug/Kg
88-75-5	2-Nitrophenol	55	U	360	55	ug/Kg
105-67-9	2,4-Dimethylphenol	57	U	360	57	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	59	U	360	59	ug/Kg
120-83-2	2,4-Dichlorophenol	66	U	360	66	ug/Kg
91-20-3	Naphthalene	78	J	360	61	ug/Kg
106-47-8	4-Chloroaniline	43	U	360	43	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	360	55	ug/Kg
105-60-2	Caprolactam	58	U	360	58	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	360	49	ug/Kg
91-57-6	2-Methylnaphthalene	60	U	360	60	ug/Kg
77-47-4	Hexachlorocyclopentadiene	57	U	360	57	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	360	53	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	900	55	ug/Kg
92-52-4	1,1-Biphenyl	59	U	360	59	ug/Kg
91-58-7	2-Chloronaphthalene	59	U	360	59	ug/Kg
88-74-4	2-Nitroaniline	45	U	900	45	ug/Kg
131-11-3	Dimethylphthalate	58	U	360	58	ug/Kg
208-96-8	Acenaphthylene	73	J	360	58	ug/Kg
606-20-2	2,6-Dinitrotoluene	51	U	360	51	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/28/2006
Client Sample ID:	GE-53-5-18	**SDG No.:**	X3906
Lab Sample ID:	X3906-06	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	8
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB032590.D	1	7/31/2006	8/1/2006	BB073106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	47	U	900	47	ug/Kg
83-32-9	Acenaphthene	64	U	360	64	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	900	310	ug/Kg
100-02-7	4-Nitrophenol	44	U	900	44	ug/Kg
132-64-9	Dibenzofuran	59	U	360	59	ug/Kg
121-14-2	2,4-Dinitrotoluene	53	U	360	53	ug/Kg
84-66-2	Diethylphthalate	62	U	360	62	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	360	57	ug/Kg
86-73-7	Fluorene	60	U	360	60	ug/Kg
100-01-6	4-Nitroaniline	61	U	900	61	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	69	U	900	69	ug/Kg
86-30-6	N-Nitrosodiphenylamine	59	U	360	59	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	360	53	ug/Kg
118-74-1	Hexachlorobenzene	57	U	360	57	ug/Kg
1912-24-9	Atrazine	55	U	360	55	ug/Kg
87-86-5	Pentachlorophenol	83	U	900	83	ug/Kg
85-01-8	Phenanthrene	610		360	57	ug/Kg
120-12-7	Anthracene	160	J	360	54	ug/Kg
86-74-8	Carbazole	110	J	360	55	ug/Kg
84-74-2	Di-n-butylphthalate	55	U	360	55	ug/Kg
206-44-0	Fluoranthene	680		360	53	ug/Kg
129-00-0	Pyrene	550		360	63	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	360	58	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	360	61	ug/Kg
56-55-3	Benzo(a)anthracene	260	J	360	50	ug/Kg
218-01-9	Chrysene	280	J	360	64	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	140	J	360	69	ug/Kg
117-84-0	Di-n-octyl phthalate	61	U	360	61	ug/Kg
205-99-2	Benzo(b)fluoranthene	380		360	39	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	J	360	79	ug/Kg
50-32-8	Benzo(a)pyrene	280	J	360	57	ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/28/2006
Client Sample ID:	GE-53-5-18	**SDG No.:**	X3906
Lab Sample ID:	X3906-06	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	8
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB032590.D	1	7/31/2006	8/1/2006	BB073106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	230	J	360	45	ug/Kg
53-70-3	Dibenz(a,h)anthracene	45	U	360	45	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	J	360	59	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	124.09	83 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	133.8	89 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	92.65	93 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	91.9	92 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	126.31	84 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	88.98	89 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	296374	7.00			
1146-65-2	Naphthalene-d8	1141198	9.35			
15067-26-2	Acenaphthene-d10	611745	12.86			
1517-22-2	Phenanthrene-d10	833437	15.89			
1719-03-5	Chrysene-d12	703699	21.29			
1520-96-3	Perylene-d12	479523	25.07			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP4.51	3500	AB	4.51		ug/Kg
629-78-7	Heptadecane	110	J	14.79		ug/Kg
112-95-8	Eicosane	110	J	15.70		ug/Kg
629-59-4	Tetradecane	85	J	16.58		ug/Kg
124-10-7	Methyl tetradecanoate	150	J	16.78		ug/Kg
610-48-0	Anthracene, 1-methyl-	110	J	16.92		ug/Kg
613-12-7	Anthracene, 2-methyl-	120	J	16.97		ug/Kg
57-10-3	n-Hexadecanoic acid	180	J	17.06		ug/Kg
	unknown17.13	98	J	17.13		ug/Kg
629-62-9	Pentadecane	83	J	17.40		ug/Kg
612-94-2	Naphthalene, 2-phenyl-	130	J	17.53		ug/Kg
629-94-7	Heneicosane	92	J	18.19		ug/Kg
243-17-4	11H-Benzo[b]fluorene	100	J	19.64		ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/28/2006
Client Sample ID:	GE-53-5-18	**SDG No.:**	X3906
Lab Sample ID:	X3906-06	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	8
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB032590.D	1	7/31/2006	8/1/2006	BB073106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TENTITIVE IDENTIFIED COMPOUNDS						
2319-29-1	Decanamide-	600	J	20.17		ug/Kg
5875-26-3	Undecanamide, 11-bromo-	180	J	20.34		ug/Kg
1599-67-3	1-Docosene	370	J	21.02		ug/Kg
7045-71-8	Undecane, 2-methyl-	190	J	21.72		ug/Kg
112-84-5	13-Docosenamide, (Z)-	410	J	23.24		ug/Kg
198-55-0	Perylene	250	J	24.71		ug/Kg
7206-21-5	5-Octadecene, (E)-	120	J	26.91		ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/28/2006
Client Sample ID:	GE-53-3-12	**SDG No.:**	X3906
Lab Sample ID:	X3906-08	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	8
Sample Wt/Vol:	30.2 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB032591.D	1	7/31/2006	8/1/2006	BB073106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	73	U	360	73	ug/Kg
108-95-2	Phenol	54	U	360	54	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57	U	360	57	ug/Kg
95-57-8	2-Chlorophenol	57	U	360	57	ug/Kg
95-48-7	2-Methylphenol	59	U	360	59	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58	U	360	58	ug/Kg
98-86-2	Acetophenone	52	U	360	52	ug/Kg
106-44-5	3+4-Methylphenols	56	U	360	56	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	59	U	360	59	ug/Kg
67-72-1	Hexachloroethane	61	U	360	61	ug/Kg
98-95-3	Nitrobenzene	78	U	360	78	ug/Kg
78-59-1	Isophorone	54	U	360	54	ug/Kg
88-75-5	2-Nitrophenol	55	U	360	55	ug/Kg
105-67-9	2,4-Dimethylphenol	57	U	360	57	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	59	U	360	59	ug/Kg
120-83-2	2,4-Dichlorophenol	66	U	360	66	ug/Kg
91-20-3	Naphthalene	61	U	360	61	ug/Kg
106-47-8	4-Chloroaniline	43	U	360	43	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	360	55	ug/Kg
105-60-2	Caprolactam	58	U	360	58	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	360	49	ug/Kg
91-57-6	2-Methylnaphthalene	60	U	360	60	ug/Kg
77-47-4	Hexachlorocyclopentadiene	57	U	360	57	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	360	53	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	900	55	ug/Kg
92-52-4	1,1-Biphenyl	59	U	360	59	ug/Kg
91-58-7	2-Chloronaphthalene	59	U	360	59	ug/Kg
88-74-4	2-Nitroaniline	45	U	900	45	ug/Kg
131-11-3	Dimethylphthalate	58	U	360	58	ug/Kg
208-96-8	Acenaphthylene	58	U	360	58	ug/Kg
606-20-2	2,6-Dinitrotoluene	51	U	360	51	ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/28/2006
Client Sample ID:	GE-53-3-12	**SDG No.:**	X3906
Lab Sample ID:	X3906-08	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	8
Sample Wt/Wol:	30.2 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB032591.D	1	7/31/2006	8/1/2006	BB073106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	47	U	900	47	ug/Kg
83-32-9	Acenaphthene	64	U	360	64	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	900	310	ug/Kg
100-02-7	4-Nitrophenol	44	U	900	44	ug/Kg
132-64-9	Dibenzofuran	59	U	360	59	ug/Kg
121-14-2	2,4-Dinitrotoluene	53	U	360	53	ug/Kg
84-66-2	Diethylphthalate	62	U	360	62	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	360	57	ug/Kg
86-73-7	Fluorene	60	U	360	60	ug/Kg
100-01-6	4-Nitroaniline	61	U	900	61	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	69	U	900	69	ug/Kg
86-30-6	N-Nitrosodiphenylamine	59	U	360	59	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	360	53	ug/Kg
118-74-1	Hexachlorobenzene	57	U	360	57	ug/Kg
1912-24-9	Atrazine	55	U	360	55	ug/Kg
87-86-5	Pentachlorophenol	83	U	900	83	ug/Kg
85-01-8	Phenanthrene	240	J	360	57	ug/Kg
120-12-7	Anthracene	57	J	360	54	ug/Kg
86-74-8	Carbazole	55	U	360	55	ug/Kg
84-74-2	Di-n-butylphthalate	54	U	360	54	ug/Kg
206-44-0	Fluoranthene	380		360	53	ug/Kg
129-00-0	Pyrene	330	J	360	63	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	360	58	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	360	61	ug/Kg
56-55-3	Benzo(a)anthracene	180	J	360	50	ug/Kg
218-01-9	Chrysene	210	J	360	64	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	69	U	360	69	ug/Kg
117-84-0	Di-n-octyl phthalate	61	U	360	61	ug/Kg
205-99-2	Benzo(b)fluoranthene	330	J	360	39	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	J	360	79	ug/Kg
50-32-8	Benzo(a)pyrene	250	J	360	57	ug/Kg

U = Not Detected
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MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/28/2006
Client Sample ID:	GE-53-3-12	**SDG No.:**	X3906
Lab Sample ID:	X3906-08	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	8
Sample Wt/Wol:	30.2 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB032591.D	1	7/31/2006	8/1/2006	BB073106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	200	J	360	45	ug/Kg
53-70-3	Dibenz(a,h)anthracene	45	U	360	45	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	J	360	59	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	125.89	84 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	136.48	91 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	93.68	94 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	90.84	91 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	125.88	84 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	92.38	92 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	304981	7.00			
1146-65-2	Naphthalene-d8	1186737	9.35			
15067-26-2	Acenaphthene-d10	638771	12.87			
1517-22-2	Phenanthrene-d10	912855	15.88			
1719-03-5	Chrysene-d12	740681	21.29			
1520-96-3	Perylene-d12	440700	25.06			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP4.51	3600	AB	4.51		ug/Kg
74685-30-6	5-Eicosene, (E)-	370	J	21.01		ug/Kg
629-92-5	Nonadecane	110	J	22.47		ug/Kg
112-84-5	13-Docosenamide, (Z)-	660	J	23.23		ug/Kg
7683-64-9	Squalene	240	J	23.51		ug/Kg
205-99-2	Benz[e]acephenanthrylene	260	J	24.69		ug/Kg
55334-20-8	Cyclohexane, 1,4-didecyl-	140	J	26.91		ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/28/2006
Client Sample ID:	GE-53-3-25	**SDG No.:**	X3906
Lab Sample ID:	X3906-10	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	7
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB032584.D	1	7/31/2006	7/31/2006	BB073106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	73	U	350	73	ug/Kg
108-95-2	Phenol	54	U	350	54	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56	U	350	56	ug/Kg
95-57-8	2-Chlorophenol	57	U	350	57	ug/Kg
95-48-7	2-Methylphenol	59	U	350	59	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	57	U	350	57	ug/Kg
98-86-2	Acetophenone	52	U	350	52	ug/Kg
106-44-5	3+4-Methylphenols	56	U	350	56	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	59	U	350	59	ug/Kg
67-72-1	Hexachloroethane	60	U	350	60	ug/Kg
98-95-3	Nitrobenzene	77	U	350	77	ug/Kg
78-59-1	Isophorone	53	U	350	53	ug/Kg
88-75-5	2-Nitrophenol	55	U	350	55	ug/Kg
105-67-9	2,4-Dimethylphenol	56	U	350	56	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58	U	350	58	ug/Kg
120-83-2	2,4-Dichlorophenol	66	U	350	66	ug/Kg
91-20-3	Naphthalene	61	U	350	61	ug/Kg
106-47-8	4-Chloroaniline	42	U	350	42	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	350	55	ug/Kg
105-60-2	Caprolactam	57	U	350	57	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	350	49	ug/Kg
91-57-6	2-Methylnaphthalene	59	U	350	59	ug/Kg
77-47-4	Hexachlorocyclopentadiene	57	U	350	57	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	350	52	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54	U	890	54	ug/Kg
92-52-4	1,1-Biphenyl	58	U	350	58	ug/Kg
91-58-7	2-Chloronaphthalene	59	U	350	59	ug/Kg
88-74-4	2-Nitroaniline	45	U	890	45	ug/Kg
131-11-3	Dimethylphthalate	57	U	350	57	ug/Kg
208-96-8	Acenaphthylene	58	U	350	58	ug/Kg
606-20-2	2,6-Dinitrotoluene	50	U	350	50	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/28/2006
Client Sample ID:	GE-53-3-25	**SDG No.:**	X3906
Lab Sample ID:	X3906-10	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	7
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB032584.D	1	7/31/2006	7/31/2006	BB073106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	46	U	890	46	ug/Kg
83-32-9	Acenaphthene	63	U	350	63	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	890	300	ug/Kg
100-02-7	4-Nitrophenol	44	U	890	44	ug/Kg
132-64-9	Dibenzofuran	59	U	350	59	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	350	52	ug/Kg
84-66-2	Diethylphthalate	61	U	350	61	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	350	56	ug/Kg
86-73-7	Fluorene	60	U	350	60	ug/Kg
100-01-6	4-Nitroaniline	61	U	890	61	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	69	U	890	69	ug/Kg
86-30-6	N-Nitrosodiphenylamine	58	U	350	58	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	350	53	ug/Kg
118-74-1	Hexachlorobenzene	57	U	350	57	ug/Kg
1912-24-9	Atrazine	54	U	350	54	ug/Kg
87-86-5	Pentachlorophenol	82	U	890	82	ug/Kg
85-01-8	Phenanthrene	56	U	350	56	ug/Kg
120-12-7	Anthracene	53	U	350	53	ug/Kg
86-74-8	Carbazole	54	U	350	54	ug/Kg
84-74-2	Di-n-butylphthalate	54	U	350	54	ug/Kg
206-44-0	Fluoranthene	53	U	350	53	ug/Kg
129-00-0	Pyrene	63	U	350	63	ug/Kg
85-68-7	Butylbenzylphthalate	57	U	350	57	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	350	61	ug/Kg
56-55-3	Benzo(a)anthracene	50	U	350	50	ug/Kg
218-01-9	Chrysene	64	U	350	64	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	230	J	350	68	ug/Kg
117-84-0	Di-n-octyl phthalate	60	U	350	60	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	U	350	39	ug/Kg
207-08-9	Benzo(k)fluoranthene	78	U	350	78	ug/Kg
50-32-8	Benzo(a)pyrene	57	U	350	57	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/28/2006
Client Sample ID:	GE-53-3-25	**SDG No.:**	X3906
Lab Sample ID:	X3906-10	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	7
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB032584.D	1	7/31/2006	7/31/2006	BB073106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	350	45	ug/Kg
53-70-3	Dibenz(a,h)anthracene	44	U	350	44	ug/Kg
191-24-2	Benzo(g,h,i)perylene	59	U	350	59	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	122.5	82 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	129.88	87 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	91.91	92 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	92	92 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	127.4	85 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	93.97	94 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	293043	7.00			
1146-65-2	Naphthalene-d8	1179846	9.35			
15067-26-2	Acenaphthene-d10	613882	12.85			
1517-22-2	Phenanthrene-d10	883609	15.88			
1719-03-5	Chrysene-d12	730867	21.28			
1520-96-3	Perylene-d12	546642	25.04			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP4.51	3900	AB	4.51		ug/Kg
3452-07-1	1-Eicosene	300	J	21.01		ug/Kg
112-84-5	13-Docosenamide, (Z)-	510	J	23.23		ug/Kg
111-02-4	2,6,10,14,18,22-Tetracosahexaene,	120	J	23.51		ug/Kg

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Hit Summary Report

SDG No.: X3906 **Order ID:** X3906

Client: PB/STV/PTG Joint Venture **Project ID:** MTA/LIRR East side access-GEC Co

Test: SVOCMS Group1

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	GE-53-3							
X3906-02	GE-53-3	SOIL	Fluoranthene	860	J	1800	280	ug/Kg
X3906-02	GE-53-3	SOIL	Pyrene	990	J	1800	330	ug/Kg
X3906-02	GE-53-3	SOIL	Benzo(a)anthracene	480	J	1800	260	ug/Kg
X3906-02	GE-53-3	SOIL	Chrysene	670	J	1800	330	ug/Kg
X3906-02	GE-53-3	SOIL	Benzo(b)fluoranthene	1200	J	1800	200	ug/Kg
X3906-02	GE-53-3	SOIL	Benzo(k)fluoranthene	410	J	1800	410	ug/Kg
X3906-02	GE-53-3	SOIL	Benzo(a)pyrene	550	J	1800	300	ug/Kg
X3906-02	GE-53-3	SOIL	Indeno(1,2,3-cd)pyrene	670	J	1800	240	ug/Kg
X3906-02	GE-53-3	SOIL	ACP4.50	* 3800	A	0	0	ug/Kg
X3906-02	GE-53-3	SOIL	unknown14.71	* 380	J	0	0	ug/Kg
X3906-02	GE-53-3	SOIL	1-Docosene	* 470	J	0	0	ug/Kg
X3906-02	GE-53-3	SOIL	Benz[e]acephenanthrylene	* 1400	J	0	0	ug/Kg
X3906-02	GE-53-3	SOIL	unknown28.45	* 1200	J	0	0	ug/Kg
			Total SVOC's:	5830.00				
			Total TIC's:	7250.00				
			Total SVOC's and TIC's:	13080.00				
ent ID:	GE-53-3-12							
X3906-08	GE-53-3-12	SOIL	Phenanthrene	240	J	360	57	ug/Kg
X3906-08	GE-53-3-12	SOIL	Anthracene	57	J	360	54	ug/Kg
X3906-08	GE-53-3-12	SOIL	Fluoranthene	380		360	53	ug/Kg
X3906-08	GE-53-3-12	SOIL	Pyrene	330	J	360	63	ug/Kg
X3906-08	GE-53-3-12	SOIL	Benzo(a)anthracene	180	J	360	50	ug/Kg
X3906-08	GE-53-3-12	SOIL	Chrysene	210	J	360	64	ug/Kg
X3906-08	GE-53-3-12	SOIL	Benzo(b)fluoranthene	330	J	360	39	ug/Kg
X3906-08	GE-53-3-12	SOIL	Benzo(k)fluoranthene	130	J	360	79	ug/Kg
X3906-08	GE-53-3-12	SOIL	Benzo(a)pyrene	250	J	360	57	ug/Kg
X3906-08	GE-53-3-12	SOIL	Indeno(1,2,3-cd)pyrene	200	J	360	45	ug/Kg
X3906-08	GE-53-3-12	SOIL	Benzo(g,h,i)perylene	120	J	360	59	ug/Kg
X3906-08	GE-53-3-12	SOIL	ACP4.51	* 3600	AB	0	0	ug/Kg
X3906-08	GE-53-3-12	SOIL	5-Eicosene, (E)-	* 370	J	0	0	ug/Kg
X3906-08	GE-53-3-12	SOIL	Nonadecane	* 110	J	0	0	ug/Kg
X3906-08	GE-53-3-12	SOIL	13-Docosenamide, (Z)-	* 660	J	0	0	ug/Kg
X3906-08	GE-53-3-12	SOIL	Squalene	* 240	J	0	0	ug/Kg
X3906-08	GE-53-3-12	SOIL	Benz[e]acephenanthrylene	* 260	J	0	0	ug/Kg
X3906-08	GE-53-3-12	SOIL	Cyclohexane, 1,4-didecyl-	* 140	J	0	0	ug/Kg
			Total SVOC's:	2427.00				
			Total TIC's:	5380.00				
			Total SVOC's and TIC's:	7807.00				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

Hit Summary Report

SDG No.: X3906 **Order ID:** X3906

Client: PB/STV/PTG Joint Venture **Project ID:** MTA/LIRR East side access-GEC Co

Test: SVOCMS Group1

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**GE-53-3-25**							
X3906-10	GE-53-3-25	SOIL	bis(2-Ethylhexyl)phthalate	230	J	350	68	ug/Kg
X3906-10	GE-53-3-25	SOIL	ACP4.51	* 3900	AB	0	0	ug/Kg
X3906-10	GE-53-3-25	SOIL	1-Eicosene	* 300	J	0	0	ug/Kg
X3906-10	GE-53-3-25	SOIL	13-Docosenamide, (Z)-	* 510	J	0	0	ug/Kg
X3906-10	GE-53-3-25	SOIL	2,6,10,14,18,22-Tetracosahex	* 120	J	0	0	ug/Kg
			Total SVOC's:	230.00				
			Total TIC's:	4830.00				
			Total SVOC's and TIC's:	5060.00				
Client ID:	**GE-53-5**							
X3906-04	GE-53-5	SOIL	ACP4.51	* 3900	AB	0	0	ug/Kg
X3906-04	GE-53-5	SOIL	1-Docosene	* 510	J	0	0	ug/Kg
X3906-04	GE-53-5	SOIL	9-Octadecenamide, (Z)-	* 700	J	0	0	ug/Kg
X3906-04	GE-53-5	SOIL	Squalene	* 160	J	0	0	ug/Kg
X3906-04	GE-53-5	SOIL	1-Nonadecene	* 130	J	0	0	ug/Kg
			Total SVOC's:	0.00				
			Total TIC's:	5400.00				
			Total SVOC's and TIC's:	5400.00				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

Hit Summary Report

SDG No.: X3906 Order ID: X3906

Client: PB/STV/PTG Joint Venture Project ID: MTA/LIRR East side access-GEC Co

Test: SVOCMS Group1

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	GE-53-5-18							
X3906-06	GE-53-5-18	SOIL	Naphthalene	78	J	360	61	ug/Kg
X3906-06	GE-53-5-18	SOIL	Acenaphthylene	73	J	360	58	ug/Kg
X3906-06	GE-53-5-18	SOIL	Phenanthrene	610		360	57	ug/Kg
X3906-06	GE-53-5-18	SOIL	Anthracene	160	J	360	54	ug/Kg
X3906-06	GE-53-5-18	SOIL	Carbazole	110	J	360	55	ug/Kg
X3906-06	GE-53-5-18	SOIL	Fluoranthene	680		360	53	ug/Kg
X3906-06	GE-53-5-18	SOIL	Pyrene	550		360	63	ug/Kg
X3906-06	GE-53-5-18	SOIL	Benzo(a)anthracene	260	J	360	50	ug/Kg
X3906-06	GE-53-5-18	SOIL	Chrysene	280	J	360	64	ug/Kg
X3906-06	GE-53-5-18	SOIL	bis(2-Ethylhexyl)phthalate	140	J	360	69	ug/Kg
X3906-06	GE-53-5-18	SOIL	Benzo(b)fluoranthene	380		360	39	ug/Kg
X3906-06	GE-53-5-18	SOIL	Benzo(k)fluoranthene	150	J	360	79	ug/Kg
X3906-06	GE-53-5-18	SOIL	Benzo(a)pyrene	280	J	360	57	ug/Kg
X3906-06	GE-53-5-18	SOIL	Indeno(1,2,3-cd)pyrene	230	J	360	45	ug/Kg
X3906-06	GE-53-5-18	SOIL	Benzo(g,h,i)perylene	140	J	360	59	ug/Kg
X3906-06	GE-53-5-18	SOIL	ACP4.51	* 3500	AB	0	0	ug/Kg
X3906-06	GE-53-5-18	SOIL	Heptadecane	* 110	J	0	0	ug/Kg
X3906-06	GE-53-5-18	SOIL	Eicosane	* 110	J	0	0	ug/Kg
X3906-06	GE-53-5-18	SOIL	Tetradecane	* 85	J	0	0	ug/Kg
X3906-06	GE-53-5-18	SOIL	Methyl tetradecanoate	* 150	J	0	0	ug/Kg
X3906-06	GE-53-5-18	SOIL	Anthracene, 1-methyl-	* 110	J	0	0	ug/Kg
X3906-06	GE-53-5-18	SOIL	Anthracene, 2-methyl-	* 120	J	0	0	ug/Kg
X3906-06	GE-53-5-18	SOIL	n-Hexadecanoic acid	* 180	J	0	0	ug/Kg
X3906-06	GE-53-5-18	SOIL	unknown17.13	* 98	J	0	0	ug/Kg
X3906-06	GE-53-5-18	SOIL	Pentadecane	* 83	J	0	0	ug/Kg
X3906-06	GE-53-5-18	SOIL	Naphthalene, 2-phenyl-	* 130	J	0	0	ug/Kg
X3906-06	GE-53-5-18	SOIL	Heneicosane	* 92	J	0	0	ug/Kg
X3906-06	GE-53-5-18	SOIL	11H-Benzo[b]fluorene	* 100	J	0	0	ug/Kg
X3906-06	GE-53-5-18	SOIL	Decanamide-	* 600	J	0	0	ug/Kg
X3906-06	GE-53-5-18	SOIL	Undecanamide, 11-bromo-	* 180	J	0	0	ug/Kg
X3906-06	GE-53-5-18	SOIL	1-Docosene	* 370	J	0	0	ug/Kg
X3906-06	GE-53-5-18	SOIL	Undecane, 2-methyl-	* 190	J	0	0	ug/Kg
X3906-06	GE-53-5-18	SOIL	13-Docosenamide, (Z)-	* 410	J	0	0	ug/Kg
X3906-06	GE-53-5-18	SOIL	Perylene	* 250	J	0	0	ug/Kg
X3906-06	GE-53-5-18	SOIL	5-Octadecene, (E)-	* 120	J	0	0	ug/Kg

Total SVOC's:	4121.00
Total TIC's:	6988.00
Total SVOC's and TIC's:	11109.00

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/26/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/28/2006
Client Sample ID:	GE-53-3	**SDG No.:**	X3906
Lab Sample ID:	X3906-02	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	11
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5005329.D	1	7/31/2006	8/1/2006	P5070106

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.8	U	19	2.8	ug/Kg
11104-28-2	AROCLOR 1221	4.4	U	19	4.4	ug/Kg
11141-16-5	AROCLOR 1232	6.6	U	19	6.6	ug/Kg
53469-21-9	AROCLOR 1242	5.9	U	19	5.9	ug/Kg
12672-29-6	AROCLOR 1248	2.9	U	19	2.9	ug/Kg
11097-69-1	AROCLOR 1254	1.9	U	19	1.9	ug/Kg
11096-82-5	AROCLOR 1260	2200	E	19	4.7	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.08	80 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	22.97	115 %	58 - 125		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/26/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/28/2006
Client Sample ID:	GE-53-3DL	**SDG No.:**	X3906
Lab Sample ID:	X3906-02DL	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	11
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5005342.D	10	7/31/2006	8/1/2006	P5070106

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	28	UD	190	28	ug/Kg
11104-28-2	AROCLOR 1221	44	UD	190	44	ug/Kg
11141-16-5	AROCLOR 1232	66	UD	190	66	ug/Kg
53469-21-9	AROCLOR 1242	59	UD	190	59	ug/Kg
12672-29-6	AROCLOR 1248	29	UD	190	29	ug/Kg
11097-69-1	AROCLOR 1254	19	UD	190	19	ug/Kg
11096-82-5	AROCLOR 1260	3000	D	190	47	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.5	108 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	25.6	128 %	58 - 125		SPK: 20

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MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/26/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/28/2006
Client Sample ID:	GE-53-5	**SDG No.:**	X3906
Lab Sample ID:	X3906-04	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	9
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5005330.D	1	7/31/2006	8/1/2006	P5070106

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.8	U	19	2.8	ug/Kg
11104-28-2	AROCLOR 1221	4.3	U	19	4.3	ug/Kg
11141-16-5	AROCLOR 1232	6.4	U	19	6.4	ug/Kg
53469-21-9	AROCLOR 1242	5.7	U	19	5.7	ug/Kg
12672-29-6	AROCLOR 1248	2.8	U	19	2.8	ug/Kg
11097-69-1	AROCLOR 1254	1.8	U	19	1.8	ug/Kg
11096-82-5	AROCLOR 1260	4.6	U	19	4.6	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.21	101 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	20.87	104 %	58 - 125		SPK: 20

U = Not Detected
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MDL = Method Detection Limit
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B = Analyte Found In Associated Method Blank
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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/28/2006
Client Sample ID:	GE-53-5-18	**SDG No.:**	X3906
Lab Sample ID:	X3906-06	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	8
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5005331.D	1	7/31/2006	8/1/2006	P5070106

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.7	U	18	2.7	ug/Kg
11104-28-2	AROCLOR 1221	4.3	U	18	4.3	ug/Kg
11141-16-5	AROCLOR 1232	6.4	U	18	6.4	ug/Kg
53469-21-9	AROCLOR 1242	5.7	U	18	5.7	ug/Kg
12672-29-6	AROCLOR 1248	2.8	U	18	2.8	ug/Kg
11097-69-1	AROCLOR 1254	1.8	U	18	1.8	ug/Kg
11096-82-5	AROCLOR 1260	4.6	U	18	4.6	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.14	101 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	20.75	104 %	58 - 125		SPK: 20

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MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/28/2006
Client Sample ID:	GE-53-3-12	**SDG No.:**	X3906
Lab Sample ID:	X3906-08	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	8
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5005332.D	1	7/31/2006	8/1/2006	P5070106

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.7	U	18	2.7	ug/Kg
11104-28-2	AROCLOR 1221	4.3	U	18	4.3	ug/Kg
11141-16-5	AROCLOR 1232	6.4	U	18	6.4	ug/Kg
53469-21-9	AROCLOR 1242	5.7	U	18	5.7	ug/Kg
12672-29-6	AROCLOR 1248	2.8	U	18	2.8	ug/Kg
11097-69-1	AROCLOR 1254	320	P	18	1.8	ug/Kg
11096-82-5	AROCLOR 1260	4.6	U	18	4.6	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.24	91 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	19.57	98 %	58 - 125		SPK: 20

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MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/28/2006
Client Sample ID:	GE-53-3-25	**SDG No.:**	X3906
Lab Sample ID:	X3906-10	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	7
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5005335.D	1	7/31/2006	8/1/2006	P5070106

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.7	U	18	2.7	ug/Kg
11104-28-2	AROCLOR 1221	4.2	U	18	4.2	ug/Kg
11141-16-5	AROCLOR 1232	6.3	U	18	6.3	ug/Kg
53469-21-9	AROCLOR 1242	5.6	U	18	5.6	ug/Kg
12672-29-6	AROCLOR 1248	2.7	U	18	2.7	ug/Kg
11097-69-1	AROCLOR 1254	1.8	U	18	1.8	ug/Kg
11096-82-5	AROCLOR 1260	4.5	U	18	4.5	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.46	97 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	21.88	109 %	58 - 125		SPK: 20

U = Not Detected
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Hit Summary Report

SDG No.: X3906 **Order ID:** X3906
Client: PB/STV/PTG Joint Venture **Project ID:** MTA/LIRR East side access-GEC Co
Test: PCB

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**GE-53-3**							
X3906-02	GE-53-3	SOIL	AROCLOR 1260	2200	E	19	4.7	ug/Kg
			Total PCB's:	2200.00				
Client ID:	**GE-53-3-12**							
X3906-08	GE-53-3-12	SOIL	AROCLOR 1254	320	P	18	1.8	ug/Kg
			Total PCB's:	320.00				
Client ID:	**GE-53-3DL**							
X3906-02DL	GE-53-3DL	SOIL	AROCLOR 1260	3000	D	190	47	ug/Kg
			Total PCB's:	3000.00				

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/26/2006
Project:	MTA/LIRR East side a	**Date Received:**	7/28/2006
Client Sample ID:	GE-53-3	**SDG No.:**	X3906
Lab Sample ID:	X3906-02	**Matrix:**	SOIL
		% Solids:	88.50

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	11.1		mg/Kg	0.443	1	8/1/2006	8/3/2006	EPA SW-846 6010
7440-39-3	Barium	62.0	NE	mg/Kg	0.081	1	8/1/2006	8/3/2006	EPA SW-846 6010
7440-43-9	Cadmium	1.290		mg/Kg	0.037	1	8/1/2006	8/3/2006	EPA SW-846 6010
7440-47-3	Chromium	24.5	E	mg/Kg	0.099	1	8/1/2006	8/3/2006	EPA SW-846 6010
7439-92-1	Lead	361		mg/Kg	0.325	1	8/1/2006	8/3/2006	EPA SW-846 6010
7439-97-6	Mercury	0.167	N*	mg/Kg	0.007	1	8/3/2006	8/3/2006	EPA SW-846 7471
7782-49-2	Selenium	1.480		mg/Kg	0.385	1	8/1/2006	8/3/2006	EPA SW-846 6010
7440-22-4	Silver	0.089	U	mg/Kg	0.089	1	8/1/2006	8/3/2006	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limi

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/26/2006
Project:	MTA/LIRR East side a	**Date Received:**	7/28/2006
Client Sample ID:	GE-53-5	**SDG No.:**	X3906
Lab Sample ID:	X3906-04	**Matrix:**	SOIL
		% Solids:	90.50

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	2.750		mg/Kg	0.433	1	8/1/2006	8/3/2006	EPA SW-846 6010
7440-39-3	Barium	42.1	NE	mg/Kg	0.080	1	8/1/2006	8/3/2006	EPA SW-846 6010
7440-43-9	Cadmium	0.036	U	mg/Kg	0.036	1	8/1/2006	8/3/2006	EPA SW-846 6010
7440-47-3	Chromium	16.7	E	mg/Kg	0.097	1	8/1/2006	8/3/2006	EPA SW-846 6010
7439-92-1	Lead	21.5		mg/Kg	0.318	1	8/1/2006	8/3/2006	EPA SW-846 6010
7439-97-6	Mercury	0.036	N*	mg/Kg	0.006	1	8/3/2006	8/3/2006	EPA SW-846 7471
7782-49-2	Selenium	0.475	J	mg/Kg	0.377	1	8/1/2006	8/3/2006	EPA SW-846 6010
7440-22-4	Silver	0.087	U	mg/Kg	0.087	1	8/1/2006	8/3/2006	EPA SW-846 6010

Comments:

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Report of Analysis

Client:	**PB/STV/PTG Joint Venture**	**Date Collected:**	**7/27/2006**
Project:	**MTA/LIRR East side a**	**Date Received:**	**7/28/2006**
Client Sample ID:	**GE-53-3-12**	**SDG No.:**	**X3906**
Lab Sample ID:	**X3906-08**	**Matrix:**	**SOIL**
		% Solids:	**92.40**

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	1.650			mg/Kg	0.420	1	8/1/2006	8/3/2006	EPA SW-846 6010
7440-39-3	Barium	38.9		NE	mg/Kg	0.077	1	8/1/2006	8/3/2006	EPA SW-846 6010
7440-43-9	Cadmium	0.035	U		mg/Kg	0.035	1	8/1/2006	8/3/2006	EPA SW-846 6010
7440-47-3	Chromium	9.010		E	mg/Kg	0.094	1	8/1/2006	8/3/2006	EPA SW-846 6010
7439-92-1	Lead	41.0			mg/Kg	0.309	1	8/1/2006	8/3/2006	EPA SW-846 6010
7439-97-6	Mercury	0.166		N*	mg/Kg	0.006	1	8/3/2006	8/3/2006	EPA SW-846 7471
7782-49-2	Selenium	0.365	U		mg/Kg	0.365	1	8/1/2006	8/3/2006	EPA SW-846 6010
7440-22-4	Silver	0.085	U		mg/Kg	0.085	1	8/1/2006	8/3/2006	EPA SW-846 6010

Comments:

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Chemtech Consulting Group

Hit Summary Sheet
SW-846

SDG No.: X3906 Order ID: X3906

Client: PB/STV/PTG Joint Venture Project ID: MTA/LIRR East side access-GEC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**GE-53-3**							
X3906-02	GE-53-3	SOIL	Arsenic	11.1		1.130	0.443	mg/Kg
X3906-02	GE-53-3	SOIL	Barium	62.0		22.6	0.081	mg/Kg
X3906-02	GE-53-3	SOIL	Cadmium	1.290		0.565	0.037	mg/Kg
X3906-02	GE-53-3	SOIL	Chromium	24.5		1.130	0.099	mg/Kg
X3906-02	GE-53-3	SOIL	Lead	361		0.565	0.325	mg/Kg
X3906-02	GE-53-3	SOIL	Mercury	0.167		0.011	0.007	mg/Kg
X3906-02	GE-53-3	SOIL	Selenium	1.480		1.130	0.385	mg/Kg
Client ID:	**GE-53-3-12**							
X3906-08	GE-53-3-12	SOIL	Arsenic	1.650		1.070	0.420	mg/Kg
X3906-08	GE-53-3-12	SOIL	Barium	38.9		21.4	0.077	mg/Kg
X3906-08	GE-53-3-12	SOIL	Chromium	9.010		1.070	0.094	mg/Kg
X3906-08	GE-53-3-12	SOIL	Lead	41.0		0.536	0.309	mg/Kg
X3906-08	GE-53-3-12	SOIL	Mercury	0.166		0.011	0.006	mg/Kg
Client ID:	**GE-53-3-25**							
X3906-10	GE-53-3-25	SOIL	Barium	36.9		21.1	0.076	mg/Kg
X3906-10	GE-53-3-25	SOIL	Chromium	5.930		1.060	0.093	mg/Kg
X3906-10	GE-53-3-25	SOIL	Lead	3.210		0.528	0.304	mg/
X3906-10	GE-53-3-25	SOIL	Mercury	0.014		0.011	0.006	mg/Kg
Client ID:	**GE-53-5**							
X3906-04	GE-53-5	SOIL	Arsenic	2.750		1.100	0.433	mg/Kg
X3906-04	GE-53-5	SOIL	Barium	42.1		22.1	0.080	mg/Kg
X3906-04	GE-53-5	SOIL	Chromium	16.7		1.100	0.097	mg/Kg
X3906-04	GE-53-5	SOIL	Lead	21.5		0.552	0.318	mg/Kg
X3906-04	GE-53-5	SOIL	Mercury	0.036		0.011	0.006	mg/Kg
X3906-04	GE-53-5	SOIL	Selenium	0.475	J	1.100	0.377	mg/Kg
Client ID:	**GE-53-5-18**							
X3906-06	GE-53-5-18	SOIL	Arsenic	1.900		1.090	0.426	mg/Kg
X3906-06	GE-53-5-18	SOIL	Barium	38.2		21.7	0.078	mg/Kg
X3906-06	GE-53-5-18	SOIL	Chromium	19.2		1.090	0.096	mg/Kg
X3906-06	GE-53-5-18	SOIL	Lead	22.3		0.543	0.313	mg/Kg
X3906-06	GE-53-5-18	SOIL	Mercury	0.050		0.011	0.006	mg/Kg

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Report of Analysis

Client:	**PB/STV/PTG Joint Venture**	**Date Collected:**	**7/27/2006**
Project:	**MTA/LIRR East side a**	**Date Received:**	**7/28/2006**
Client Sample ID:	**GE-53-3-25**	**SDG No.:**	**X3906**
Lab Sample ID:	**X3906-10**	**Matrix:**	**SOIL**
		% Solids:	**92.80**

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	0.414	U		mg/Kg	0.414	1	8/1/2006	8/3/2006	EPA SW-846 6010
7440-39-3	Barium	36.9		NE	mg/Kg	0.076	1	8/1/2006	8/3/2006	EPA SW-846 6010
7440-43-9	Cadmium	0.035	U		mg/Kg	0.035	1	8/1/2006	8/3/2006	EPA SW-846 6010
7440-47-3	Chromium	5.930		E	mg/Kg	0.093	1	8/1/2006	8/3/2006	EPA SW-846 6010
7439-92-1	Lead	3.210			mg/Kg	0.304	1	8/1/2006	8/3/2006	EPA SW-846 6010
7439-97-6	Mercury	0.014		N*	mg/Kg	0.006	1	8/3/2006	8/3/2006	EPA SW-846 7471
7782-49-2	Selenium	0.360	U		mg/Kg	0.360	1	8/1/2006	8/3/2006	EPA SW-846 6010
7440-22-4	Silver	0.083	U		mg/Kg	0.083	1	8/1/2006	8/3/2006	EPA SW-846 6010

Comments:

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Report of Analysis

Client:	**PB/STV/PTG Joint Venture**	**Date Collected:**	**7/27/2006**
Project:	**MTA/LIRR East side a**	**Date Received:**	**7/28/2006**
Client Sample ID:	**GE-53-5-18**	**SDG No.:**	**X3906**
Lab Sample ID:	**X3906-06**	**Matrix:**	**SOIL**
		% Solids:	**92.10**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	1.900		mg/Kg	0.426	1	8/1/2006	8/3/2006	EPA SW-846 6010
7440-39-3	Barium	38.2	NE	mg/Kg	0.078	1	8/1/2006	8/3/2006	EPA SW-846 6010
7440-43-9	Cadmium	0.036	U	mg/Kg	0.036	1	8/1/2006	8/3/2006	EPA SW-846 6010
7440-47-3	Chromium	19.2	E	mg/Kg	0.096	1	8/1/2006	8/3/2006	EPA SW-846 6010
7439-92-1	Lead	22.3		mg/Kg	0.313	1	8/1/2006	8/3/2006	EPA SW-846 6010
7439-97-6	Mercury	0.050	N*	mg/Kg	0.006	1	8/3/2006	8/3/2006	EPA SW-846 7471
7782-49-2	Selenium	0.370	U	mg/Kg	0.370	1	8/1/2006	8/3/2006	EPA SW-846 6010
7440-22-4	Silver	0.086	U	mg/Kg	0.086	1	8/1/2006	8/3/2006	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/27/2006
Project:	MTA/LIRR East side a	**Date Received:**	7/28/2006
Client Sample ID:	GE-53-3-12	**SDG No.:**	X3906
Lab Sample ID:	X3906-08	**Matrix:**	SOIL
		% Solids:	92.40

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	1.650		mg/Kg	0.420	1	8/1/2006	8/3/2006	EPA SW-846 6010
7440-39-3	Barium	38.9	NE	mg/Kg	0.077	1	8/1/2006	8/3/2006	EPA SW-846 6010
7440-43-9	Cadmium	0.035	U	mg/Kg	0.035	1	8/1/2006	8/3/2006	EPA SW-846 6010
7440-47-3	Chromium	9.010	E	mg/Kg	0.094	1	8/1/2006	8/3/2006	EPA SW-846 6010
7439-92-1	Lead	41.0		mg/Kg	0.309	1	8/1/2006	8/3/2006	EPA SW-846 6010
7439-97-6	Mercury	0.166	N*	mg/Kg	0.006	1	8/3/2006	8/3/2006	EPA SW-846 7471
7782-49-2	Selenium	0.365	U	mg/Kg	0.365	1	8/1/2006	8/3/2006	EPA SW-846 6010
7440-22-4	Silver	0.085	U	mg/Kg	0.085	1	8/1/2006	8/3/2006	EPA SW-846 6010

Comments:

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J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	7/27/2006
Project:	MTA/LIRR East side a	Date Received:	7/28/2006
Client Sample ID:	GE-53-3-25	SDG No.:	X3906
Lab Sample ID:	X3906-10	Matrix:	SOIL
		% Solids:	92.80

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	0.414	U		mg/Kg	0.414	1	8/1/2006	8/3/2006	EPA SW-846 6010
7440-39-3	Barium	36.9		NE	mg/Kg	0.076	1	8/1/2006	8/3/2006	EPA SW-846 6010
7440-43-9	Cadmium	0.035	U		mg/Kg	0.035	1	8/1/2006	8/3/2006	EPA SW-846 6010
7440-47-3	Chromium	5.930		E	mg/Kg	0.093	1	8/1/2006	8/3/2006	EPA SW-846 6010
7439-92-1	Lead	3.210			mg/Kg	0.304	1	8/1/2006	8/3/2006	EPA SW-846 6010
7439-97-6	Mercury	0.014		N*	mg/Kg	0.006	1	8/3/2006	8/3/2006	EPA SW-846 7471
7782-49-2	Selenium	0.360	U		mg/Kg	0.360	1	8/1/2006	8/3/2006	EPA SW-846 6010
7440-22-4	Silver	0.083	U		mg/Kg	0.083	1	8/1/2006	8/3/2006	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

Hit Summary Sheet
SW-846

SDG No.: X3906 Order ID: X3906

Client: PB/STV/PTG Joint Venture Project ID: MTA/LIRR East side access-GEC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	GE-53-3							
X3906-02	GE-53-3	SOIL	Arsenic	11.1		1.130	0.443	mg/Kg
X3906-02	GE-53-3	SOIL	Barium	62.0		22.6	0.081	mg/Kg
X3906-02	GE-53-3	SOIL	Cadmium	1.290		0.565	0.037	mg/Kg
X3906-02	GE-53-3	SOIL	Chromium	24.5		1.130	0.099	mg/Kg
X3906-02	GE-53-3	SOIL	Lead	361		0.565	0.325	mg/Kg
X3906-02	GE-53-3	SOIL	Mercury	0.167		0.011	0.007	mg/Kg
X3906-02	GE-53-3	SOIL	Selenium	1.480		1.130	0.385	mg/Kg
Client ID:	GE-53-3-12							
X3906-08	GE-53-3-12	SOIL	Arsenic	1.650		1.070	0.420	mg/Kg
X3906-08	GE-53-3-12	SOIL	Barium	38.9		21.4	0.077	mg/Kg
X3906-08	GE-53-3-12	SOIL	Chromium	9.010		1.070	0.094	mg/Kg
X3906-08	GE-53-3-12	SOIL	Lead	41.0		0.536	0.309	mg/Kg
X3906-08	GE-53-3-12	SOIL	Mercury	0.166		0.011	0.006	mg/Kg
Client ID:	GE-53-3-25							
X3906-10	GE-53-3-25	SOIL	Barium	36.9		21.1	0.076	mg/Kg
X3906-10	GE-53-3-25	SOIL	Chromium	5.930		1.060	0.093	mg/Kg
X3906-10	GE-53-3-25	SOIL	Lead	3.210		0.528	0.304	mg/Kg
X3906-10	GE-53-3-25	SOIL	Mercury	0.014		0.011	0.006	mg/Kg
Client ID:	GE-53-5							
X3906-04	GE-53-5	SOIL	Arsenic	2.750		1.100	0.433	mg/Kg
X3906-04	GE-53-5	SOIL	Barium	42.1		22.1	0.080	mg/Kg
X3906-04	GE-53-5	SOIL	Chromium	16.7		1.100	0.097	mg/Kg
X3906-04	GE-53-5	SOIL	Lead	21.5		0.552	0.318	mg/Kg
X3906-04	GE-53-5	SOIL	Mercury	0.036		0.011	0.006	mg/Kg
X3906-04	GE-53-5	SOIL	Selenium	0.475	J	1.100	0.377	mg/Kg
Client ID:	GE-53-5-18							
X3906-06	GE-53-5-18	SOIL	Arsenic	1.900		1.090	0.426	mg/Kg
X3906-06	GE-53-5-18	SOIL	Barium	38.2		21.7	0.078	mg/Kg
X3906-06	GE-53-5-18	SOIL	Chromium	19.2		1.090	0.096	mg/Kg
X3906-06	GE-53-5-18	SOIL	Lead	22.3		0.543	0.313	mg/Kg
X3906-06	GE-53-5-18	SOIL	Mercury	0.050		0.011	0.006	mg/Kg

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

Chemtech Project Number: X3906

COC Number:

CLIENT INFORMATION

Report to be sent to

COMPANY: GEC
ADDRESS: 469 7th Ave 14th Floor
CITY: New York STATE: NY ZIP: 10018
ATTENTION: Romana Nakaznik
PHONE: 212 643 2412 FAX:

PROJECT INFORMATION

PROJECT NAME: ESA
PROJECT #: LOCATION: Sunnyside
PROJECT MANAGER: Romana Nakaznik
E-MAIL:
PHONE: 212 643-2412 FAX:

BILLING INFORMATION

BILL TO: GEC PO#
ADDRESS: 469 7th Ave 14th Floor
CITY: New York STATE: NY ZIP: 10018
ATTENTION: Romana Nakaznik
PHONE:

DATA TURNAROUND INFORMATION

FAX:_____ DAYS*
HARD COPY:_____ DAYS*
EDD_____ DAYS*
* TO BE APPROVED BY CHEMTECH
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESEULTS ONLY
- ☐ RESULTS + QC
- ☐ New Jersey REDUCED
- ✈ New Jersey CLP
- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other_____
- ☐ EDD FORMAT_____

ANALYSIS

1 TCL VOCs; 2 TCL SVOCs; 3 RCRA 8's; 4 RCRA Met; 5 6 7 8 9

CHEMTECH SAMPLE ID		PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	1	GE-53-3	Soil		X	7/26/06	1030	1 4oz	X									
2.	2	↓		X			1100	1 8oz		X	X	X						
3.	3	GE-53-5			X		1210	1-4oz	X									
4.	4	↓		X		↓	1200	1-8oz		X	X	X						
5.	5	GE-53-5-18			X	7/27/06	1145	1-4oz	X									
6.	6	↓		X		↓	↓	1-8oz		X	X	X						
7.	7	GE-53-3-12			X		1255	1-4oz	X									
8.	8	↓		X			↓	1-8oz		X	X	X						
9.	9	GE-53-3-25			X		1325	1-4oz	X									
10.	10	↓	↓	X		↓	↓	1-8oz		X	X	X						

PRESERVATIVES: 1 2 3 4 5 6 7 8 9

COMMENTS: <-- Specify Preservatives
A-HCl B-HNO4 C-H2SO13 D-NaOH E-ICE F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESSION INCLUDING COURIER DELIVERY

	RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1.		7/27/06 1625	1.
2.	RELINQUISHED BY	DATE/TIME	RECEIVED BY 2.
3.	RELINQUISHED BY	DATE/TIME 9:45	RECEIVED FOR LAB BY D. Thalton

Conditions of bottles or coilers at receipt: ✈ COMPLIANT ✈ NON COMPLIANT ✈ COOLER TEMP 6°C
MeOH extraction requires an additional 4oz. Jar for percent solid
Comments:

Page 1 of 1

Overnight CLIENT: ✈ Hand Delivered ✈
CHEMTECH: ✈ Picked Up ✈

Shipment Complete ☒ YES ✈ NO

WHITE - CHEMTECH COPYFOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

#

151

GE-53- 1, 4, 6, 16, 7

CHEMTECH 284 Sheffield Street • Mountainside, NJ 07092 Phone: 908.789.8900 Fax: 908.789.8922

ANALYTICAL RESULTS SUMMARY

PROJECT NAME: MTA/LIRR East side access-GEC Contract

PB/STV/PTG JOINT VENTURE
469 7TH AVENUE, 14TH FLOOR
NEW YORK, NY 10018
2129041702

CHEMTECH PROJECT NO. **X2221**
ATTENTION: **Romana Narozik**

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-1(3)	**SDG No.:**	X2221
Lab Sample ID:	X2221-03	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	8
Sample Wt/Wol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK005209.D	1	4/5/2006	VK033106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.6	U	27	4.6	ug/Kg
74-87-3	Chloromethane	4.5	U	27	4.5	ug/Kg
75-01-4	Vinyl chloride	4.4	U	27	4.4	ug/Kg
74-83-9	Bromomethane	11	U	27	11	ug/Kg
75-00-3	Chloroethane	11	U	27	11	ug/Kg
75-69-4	Trichlorofluoromethane	6.6	U	27	6.6	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.5	U	27	3.5	ug/Kg
75-35-4	1,1-Dichloroethene	3.1	U	27	3.1	ug/Kg
67-64-1	Acetone	18	U	130	18	ug/Kg
75-15-0	Carbon disulfide	2.0	U	27	2.0	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.0	U	27	2.0	ug/Kg
79-20-9	Methyl Acetate	4.6	U	27	4.6	ug/Kg
75-09-2	Methylene Chloride	9.7	U	27	9.7	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.4	U	27	3.4	ug/Kg
75-34-3	1,1-Dichloroethane	1.4	U	27	1.4	ug/Kg
110-82-7	Cyclohexane	1.7	U	27	1.7	ug/Kg
78-93-3	2-Butanone	15	U	130	15	ug/Kg
56-23-5	Carbon Tetrachloride	2.4	U	27	2.4	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.7	U	27	1.7	ug/Kg
67-66-3	Chloroform	1.9	U	27	1.9	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.2	U	27	2.2	ug/Kg
108-87-2	Methylcyclohexane	2.2	U	27	2.2	ug/Kg
71-43-2	Benzene	2.1	U	27	2.1	ug/Kg
107-06-2	1,2-Dichloroethane	1.6	U	27	1.6	ug/Kg
79-01-6	Trichloroethene	1.6	U	27	1.6	ug/Kg
78-87-5	1,2-Dichloropropane	2.1	U	27	2.1	ug/Kg
75-27-4	Bromodichloromethane	1.8	U	27	1.8	ug/Kg
108-10-1	4-Methyl-2-Pentanone	11	U	130	11	ug/Kg
108-88-3	Toluene	2.2	U	27	2.2	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1.9	U	27	1.9	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.8	U	27	1.8	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.6	U	27	1.6	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-1(3)	**SDG No.:**	X2221
Lab Sample ID:	X2221-03	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	8
Sample Wt/Wol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK005209.D	1	4/5/2006	VK033106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	19	U	130	19	ug/Kg
124-48-1	Dibromochloromethane	1.2	U	27	1.2	ug/Kg
106-93-4	1,2-Dibromoethane	2.1	U	27	2.1	ug/Kg
127-18-4	Tetrachloroethene	3.9	U	27	3.9	ug/Kg
108-90-7	Chlorobenzene	1.9	U	27	1.9	ug/Kg
100-41-4	Ethyl Benzene	1.9	U	27	1.9	ug/Kg
126777-61-2	m/p-Xylenes	4.6	U	53	4.6	ug/Kg
95-47-6	o-Xylene	2.0	U	27	2.0	ug/Kg
100-42-5	Styrene	2.5	U	27	2.5	ug/Kg
75-25-2	Bromoform	1.7	U	27	1.7	ug/Kg
98-82-8	Isopropylbenzene	2.2	U	27	2.2	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.7	U	27	1.7	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.0	U	27	3.0	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.9	U	27	2.9	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.1	U	27	2.1	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.0	U	27	5.0	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.6	U	27	3.6	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	45.67	91 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	49.05	98 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	45.76	92 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	43.7	87 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	218819	4.11			
540-36-3	1,4-Difluorobenzene	374245	4.55			
3114-55-4	Chlorobenzene-d5	322316	7.43			
3855-82-1	1,4-Dichlorobenzene-d4	151535	9.48			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-4(2.5)	**SDG No.:**	X2221
Lab Sample ID:	X2221-05	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	12
Sample Wt/Vol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK005245.D	1	4/6/2006	VK040606

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.0	U	29	5.0	ug/Kg
74-87-3	Chloromethane	5.0	U	29	5.0	ug/Kg
75-01-4	Vinyl chloride	4.8	U	29	4.8	ug/Kg
74-83-9	Bromomethane	12	U	29	12	ug/Kg
75-00-3	Chloroethane	12	U	29	12	ug/Kg
75-69-4	Trichlorofluoromethane	7.3	U	29	7.3	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.9	U	29	3.9	ug/Kg
75-35-4	1,1-Dichloroethene	3.4	U	29	3.4	ug/Kg
67-64-1	Acetone	20	U	150	20	ug/Kg
75-15-0	Carbon disulfide	2.2	U	29	2.2	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.2	U	29	2.2	ug/Kg
79-20-9	Methyl Acetate	5.1	U	29	5.1	ug/Kg
75-09-2	Methylene Chloride	11	U	29	11	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.7	U	29	3.7	ug/Kg
75-34-3	1,1-Dichloroethane	1.6	U	29	1.6	ug/Kg
110-82-7	Cyclohexane	1.9	U	29	1.9	ug/Kg
78-93-3	2-Butanone	17	U	150	17	ug/Kg
56-23-5	Carbon Tetrachloride	2.6	U	29	2.6	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.9	U	29	1.9	ug/Kg
67-66-3	Chloroform	2.0	U	29	2.0	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.4	U	29	2.4	ug/Kg
108-87-2	Methylcyclohexane	2.5	U	29	2.5	ug/Kg
71-43-2	Benzene	2.3	U	29	2.3	ug/Kg
107-06-2	1,2-Dichloroethane	1.8	U	29	1.8	ug/Kg
79-01-6	Trichloroethene	1.8	U	29	1.8	ug/Kg
78-87-5	1,2-Dichloropropane	2.3	U	29	2.3	ug/Kg
75-27-4	Bromodichloromethane	2.0	U	29	2.0	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12	U	150	12	ug/Kg
108-88-3	Toluene	2.4	U	29	2.4	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.1	U	29	2.1	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.9	U	29	1.9	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.7	U	29	1.7	ug/Kg

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B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-4(2.5)	**SDG No.:**	X2221
Lab Sample ID:	X2221-05	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	12
Sample Wt/Wol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK005245.D	1	4/6/2006	VK040606

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	21	U	150	21	ug/Kg
124-48-1	Dibromochloromethane	1.3	U	29	1.3	ug/Kg
106-93-4	1,2-Dibromoethane	2.4	U	29	2.4	ug/Kg
127-18-4	Tetrachloroethene	4.3	U	29	4.3	ug/Kg
108-90-7	Chlorobenzene	2.1	U	29	2.1	ug/Kg
100-41-4	Ethyl Benzene	2.1	U	29	2.1	ug/Kg
126777-61-2	m/p-Xylenes	5.1	U	59	5.1	ug/Kg
95-47-6	o-Xylene	2.2	U	29	2.2	ug/Kg
100-42-5	Styrene	2.7	U	29	2.7	ug/Kg
75-25-2	Bromoform	1.8	U	29	1.8	ug/Kg
98-82-8	Isopropylbenzene	2.4	U	29	2.4	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.8	U	29	1.8	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.3	U	29	3.3	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.2	U	29	3.2	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.3	U	29	2.3	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.5	U	29	5.5	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.0	U	29	4.0	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.57	93 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	48.18	96 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	46.81	94 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	39.16	78 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	252175	4.11			
540-36-3	1,4-Difluorobenzene	451000	4.54			
3114-55-4	Chlorobenzene-d5	371811	7.43			
3855-82-1	1,4-Dichlorobenzene-d4	153432	9.49			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-6(3)	**SDG No.:**	X2221
Lab Sample ID:	X2221-07	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	5
Sample Wt/Vol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK005246.D	1	4/6/2006	VK040606

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.5	U	26	4.5	ug/Kg
74-87-3	Chloromethane	4.5	U	26	4.5	ug/Kg
75-01-4	Vinyl chloride	4.3	U	26	4.3	ug/Kg
74-83-9	Bromomethane	11	U	26	11	ug/Kg
75-00-3	Chloroethane	11	U	26	11	ug/Kg
75-69-4	Trichlorofluoromethane	6.6	U	26	6.6	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.5	U	26	3.5	ug/Kg
75-35-4	1,1-Dichloroethene	3.0	U	26	3.0	ug/Kg
67-64-1	Acetone	18	U	130	18	ug/Kg
75-15-0	Carbon disulfide	1.9	U	26	1.9	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.9	U	26	1.9	ug/Kg
79-20-9	Methyl Acetate	4.6	U	26	4.6	ug/Kg
75-09-2	Methylene Chloride	9.6	U	26	9.6	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.4	U	26	3.4	ug/Kg
75-34-3	1,1-Dichloroethane	1.4	U	26	1.4	ug/Kg
110-82-7	Cyclohexane	1.7	U	26	1.7	ug/Kg
78-93-3	2-Butanone	15	U	130	15	ug/Kg
56-23-5	Carbon Tetrachloride	2.3	U	26	2.3	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.7	U	26	1.7	ug/Kg
67-66-3	Chloroform	1.8	U	26	1.8	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.2	U	26	2.2	ug/Kg
108-87-2	Methylcyclohexane	2.2	U	26	2.2	ug/Kg
71-43-2	Benzene	2.1	U	26	2.1	ug/Kg
107-06-2	1,2-Dichloroethane	1.6	U	26	1.6	ug/Kg
79-01-6	Trichloroethene	1.6	U	26	1.6	ug/Kg
78-87-5	1,2-Dichloropropane	2.1	U	26	2.1	ug/Kg
75-27-4	Bromodichloromethane	1.8	U	26	1.8	ug/Kg
108-10-1	4-Methyl-2-Pentanone	10	U	130	10	ug/Kg
108-88-3	Toluene	2.1	U	26	2.1	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1.9	U	26	1.9	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.7	U	26	1.7	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.5	U	26	1.5	ug/Kg

U = Not Detected
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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-6(3)	**SDG No.:**	X2221
Lab Sample ID:	X2221-07	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	5
Sample Wt/Wol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK005246.D	1	4/6/2006	VK040606

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	19	U	130	19	ug/Kg
124-48-1	Dibromochloromethane	1.2	U	26	1.2	ug/Kg
106-93-4	1,2-Dibromoethane	2.1	U	26	2.1	ug/Kg
127-18-4	Tetrachloroethene	3.8	U	26	3.8	ug/Kg
108-90-7	Chlorobenzene	1.9	U	26	1.9	ug/Kg
100-41-4	Ethyl Benzene	1.9	U	26	1.9	ug/Kg
126777-61-2	m/p-Xylenes	4.6	U	53	4.6	ug/Kg
95-47-6	o-Xylene	2.0	U	26	2.0	ug/Kg
100-42-5	Styrene	2.4	U	26	2.4	ug/Kg
75-25-2	Bromoform	1.6	U	26	1.6	ug/Kg
98-82-8	Isopropylbenzene	2.2	U	26	2.2	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.6	U	26	1.6	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.9	U	26	2.9	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.9	U	26	2.9	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.0	U	26	2.0	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.0	U	26	5.0	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.6	U	26	3.6	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	45.33	91 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	48.01	96 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	47.54	95 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	45.74	91 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	266560	4.11			
540-36-3	1,4-Difluorobenzene	478747	4.54			
3114-55-4	Chlorobenzene-d5	413418	7.42			
3855-82-1	1,4-Dichlorobenzene-d4	217405	9.48			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-16(3)	**SDG No.:**	X2221
Lab Sample ID:	X2221-09	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	8
Sample Wt/Wol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK005212.D	1	4/5/2006	VK033106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.5	U	26	4.5	ug/Kg
74-87-3	Chloromethane	4.5	U	26	4.5	ug/Kg
75-01-4	Vinyl chloride	4.3	U	26	4.3	ug/Kg
74-83-9	Bromomethane	11	U	26	11	ug/Kg
75-00-3	Chloroethane	11	U	26	11	ug/Kg
75-69-4	Trichlorofluoromethane	6.5	U	26	6.5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.5	U	26	3.5	ug/Kg
75-35-4	1,1-Dichloroethene	3.0	U	26	3.0	ug/Kg
67-64-1	Acetone	18	U	130	18	ug/Kg
75-15-0	Carbon disulfide	1.9	U	26	1.9	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.9	U	26	1.9	ug/Kg
79-20-9	Methyl Acetate	4.5	U	26	4.5	ug/Kg
75-09-2	Methylene Chloride	9.5	U	26	9.5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.3	U	26	3.3	ug/Kg
75-34-3	1,1-Dichloroethane	1.4	U	26	1.4	ug/Kg
110-82-7	Cyclohexane	1.7	U	26	1.7	ug/Kg
78-93-3	2-Butanone	15	U	130	15	ug/Kg
56-23-5	Carbon Tetrachloride	2.3	U	26	2.3	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.7	U	26	1.7	ug/Kg
67-66-3	Chloroform	1.8	U	26	1.8	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.2	U	26	2.2	ug/Kg
108-87-2	Methylcyclohexane	2.2	U	26	2.2	ug/Kg
71-43-2	Benzene	2.1	U	26	2.1	ug/Kg
107-06-2	1,2-Dichloroethane	1.6	U	26	1.6	ug/Kg
79-01-6	Trichloroethene	1.6	U	26	1.6	ug/Kg
78-87-5	1,2-Dichloropropane	2.1	U	26	2.1	ug/Kg
75-27-4	Bromodichloromethane	1.8	U	26	1.8	ug/Kg
108-10-1	4-Methyl-2-Pentanone	10	U	130	10	ug/Kg
108-88-3	Toluene	2.1	U	26	2.1	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1.9	U	26	1.9	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.7	U	26	1.7	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.5	U	26	1.5	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-16(3)	**SDG No.:**	X2221
Lab Sample ID:	X2221-09	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	8
Sample Wt/Wol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK005212.D	1	4/5/2006	VK033106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	19	U	130	19	ug/Kg
124-48-1	Dibromochloromethane	1.2	U	26	1.2	ug/Kg
106-93-4	1,2-Dibromoethane	2.1	U	26	2.1	ug/Kg
127-18-4	Tetrachloroethene	3.8	U	26	3.8	ug/Kg
108-90-7	Chlorobenzene	1.9	U	26	1.9	ug/Kg
100-41-4	Ethyl Benzene	1.8	U	26	1.8	ug/Kg
126777-61-2	m/p-Xylenes	4.5	U	52	4.5	ug/Kg
95-47-6	o-Xylene	2.0	U	26	2.0	ug/Kg
100-42-5	Styrene	2.4	U	26	2.4	ug/Kg
75-25-2	Bromoform	1.6	U	26	1.6	ug/Kg
98-82-8	Isopropylbenzene	2.2	U	26	2.2	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.6	U	26	1.6	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.9	U	26	2.9	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.8	U	26	2.8	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.0	U	26	2.0	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	4.9	U	26	4.9	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.6	U	26	3.6	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.65	95 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	48.8	98 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	47.3	95 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	44.46	89 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	207581	4.11			
540-36-3	1,4-Difluorobenzene	345405	4.55			
3114-55-4	Chlorobenzene-d5	297035	7.43			
3855-82-1	1,4-Dichlorobenzene-d4	143756	9.48			

U = Not Detected
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E = Value Exceeds Calibration Range
J = Estimated Value
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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-7(2.5)	**SDG No.:**	X2221
Lab Sample ID:	X2221-11	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	3
Sample Wt/Wol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK005213.D	1	4/5/2006	VK033106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.4	U	26	4.4	ug/Kg
74-87-3	Chloromethane	4.4	U	26	4.4	ug/Kg
75-01-4	Vinyl chloride	4.2	U	26	4.2	ug/Kg
74-83-9	Bromomethane	10	U	26	10	ug/Kg
75-00-3	Chloroethane	11	U	26	11	ug/Kg
75-69-4	Trichlorofluoromethane	6.4	U	26	6.4	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.4	U	26	3.4	ug/Kg
75-35-4	1,1-Dichloroethene	2.9	U	26	2.9	ug/Kg
67-64-1	Acetone	17	U	130	17	ug/Kg
75-15-0	Carbon disulfide	1.9	U	26	1.9	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.9	U	26	1.9	ug/Kg
79-20-9	Methyl Acetate	4.4	U	26	4.4	ug/Kg
75-09-2	Methylene Chloride	9.3	U	26	9.3	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.3	U	26	3.3	ug/Kg
75-34-3	1,1-Dichloroethane	1.4	U	26	1.4	ug/Kg
110-82-7	Cyclohexane	1.7	U	26	1.7	ug/Kg
78-93-3	2-Butanone	14	U	130	14	ug/Kg
56-23-5	Carbon Tetrachloride	2.3	U	26	2.3	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.7	U	26	1.7	ug/Kg
67-66-3	Chloroform	1.8	U	26	1.8	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.1	U	26	2.1	ug/Kg
108-87-2	Methylcyclohexane	2.1	U	26	2.1	ug/Kg
71-43-2	Benzene	2.0	U	26	2.0	ug/Kg
107-06-2	1,2-Dichloroethane	1.6	U	26	1.6	ug/Kg
79-01-6	Trichloroethene	1.6	U	26	1.6	ug/Kg
78-87-5	1,2-Dichloropropane	2.0	U	26	2.0	ug/Kg
75-27-4	Bromodichloromethane	1.7	U	26	1.7	ug/Kg
108-10-1	4-Methyl-2-Pentanone	10	U	130	10	ug/Kg
108-88-3	Toluene	2.1	U	26	2.1	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1.9	U	26	1.9	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.7	U	26	1.7	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.5	U	26	1.5	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-7(2.5)	**SDG No.:**	X2221
Lab Sample ID:	X2221-11	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	3
Sample Wt/Wol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK005213.D	1	4/5/2006	VK033106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	18	U	130	18	ug/Kg
124-48-1	Dibromochloromethane	1.2	U	26	1.2	ug/Kg
106-93-4	1,2-Dibromoethane	2.1	U	26	2.1	ug/Kg
127-18-4	Tetrachloroethene	3.7	U	26	3.7	ug/Kg
108-90-7	Chlorobenzene	1.8	U	26	1.8	ug/Kg
100-41-4	Ethyl Benzene	1.8	U	26	1.8	ug/Kg
126777-61-2	m/p-Xylenes	4.4	U	51	4.4	ug/Kg
95-47-6	o-Xylene	2.0	U	26	2.0	ug/Kg
100-42-5	Styrene	2.3	U	26	2.3	ug/Kg
75-25-2	Bromoform	1.6	U	26	1.6	ug/Kg
98-82-8	Isopropylbenzene	2.1	U	26	2.1	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.6	U	26	1.6	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.8	U	26	2.8	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.8	U	26	2.8	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.0	U	26	2.0	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	4.8	U	26	4.8	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.5	U	26	3.5	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.61	99 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	48.74	97 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	47.65	95 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	49.24	98 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	205614	4.12			
540-36-3	1,4-Difluorobenzene	349138	4.55			
3114-55-4	Chlorobenzene-d5	312089	7.42			
3855-82-1	1,4-Dichlorobenzene-d4	168236	9.48			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-7(3.5)	**SDG No.:**	X2221
Lab Sample ID:	X2221-12	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	4
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030566.D	1	4/5/2006	4/7/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	45	U	860	45	ug/Kg
83-32-9	Acenaphthene	61	U	340	61	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	860	290	ug/Kg
100-02-7	4-Nitrophenol	43	U	860	43	ug/Kg
132-64-9	Dibenzofuran	57	U	340	57	ug/Kg
121-14-2	2,4-Dinitrotoluene	50	U	340	50	ug/Kg
84-66-2	Diethylphthalate	59	U	340	59	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54	U	340	54	ug/Kg
86-73-7	Fluorene	58	U	340	58	ug/Kg
100-01-6	4-Nitroaniline	59	U	860	59	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	67	U	860	67	ug/Kg
86-30-6	N-Nitrosodiphenylamine	57	U	340	57	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51	U	340	51	ug/Kg
118-74-1	Hexachlorobenzene	55	U	340	55	ug/Kg
1912-24-9	Atrazine	53	U	340	53	ug/Kg
87-86-5	Pentachlorophenol	79	U	860	79	ug/Kg
85-01-8	Phenanthrene	55	U	340	55	ug/Kg
120-12-7	Anthracene	52	U	340	52	ug/Kg
86-74-8	Carbazole	52	U	340	52	ug/Kg
84-74-2	Di-n-butylphthalate	52	U	340	52	ug/Kg
206-44-0	Fluoranthene	51	U	340	51	ug/Kg
129-00-0	Pyrene	61	U	340	61	ug/Kg
85-68-7	Butylbenzylphthalate	55	U	340	55	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	340	59	ug/Kg
56-55-3	Benzo(a)anthracene	48	U	340	48	ug/Kg
218-01-9	Chrysene	62	U	340	62	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	110	JB	340	66	ug/Kg
117-84-0	Di-n-octyl phthalate	58	U	340	58	ug/Kg
205-99-2	Benzo(b)fluoranthene	38	U	340	38	ug/Kg
207-08-9	Benzo(k)fluoranthene	75	U	340	75	ug/Kg
50-32-8	Benzo(a)pyrene	55	U	340	55	ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-7(3.5)	**SDG No.:**	X2221
Lab Sample ID:	X2221-12	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	4
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030566.D	1	4/5/2006	4/7/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	340	44	ug/Kg
53-70-3	Dibenz(a,h)anthracene	43	U	340	43	ug/Kg
191-24-2	Benzo(g,h,i)perylene	57	U	340	57	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	227.08	76 %	25 - 121		SPK: 30
13127-88-3	Phenol-d5	244.11	81 %	24 - 113		SPK: 30
	2-Chlorophenol-d4	246.9	82 %	20 - 130		SPK: 30
	1,2-Dichlorobenzene-d4	158.88	79 %	20 - 130		SPK: 20
4165-60-0	Nitrobenzene-d5	148.22	74 %	23 - 120		SPK: 20
321-60-8	2-Fluorobiphenyl	161.51	81 %	30 - 116		SPK: 20
118-79-6	2,4,6-Tribromophenol	242.99	81 %	19 - 122		SPK: 30
1718-51-0	Terphenyl-d14	331.5	166 %	18 - 137		SPK: 20
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	233439	6.76			
1146-65-2	Naphthalene-d8	857788	9.09			
15067-26-2	Acenaphthene-d10	529658	12.57			
1517-22-2	Phenanthrene-d10	747479	15.59			
1719-03-5	Chrysene-d12	352543	20.97			
1520-96-3	Perylene-d12	244735	24.49			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP4.33	2100	A	4.33		ug/Kg
57-10-3	n-Hexadecanoic acid	130	J	16.80		ug/Kg
1599-67-3	1-Docosene	290	J	20.73		ug/Kg
630-02-4	Octacosane	260	J	23.80		ug/Kg
112-95-8	Eicosane	310	J	26.12		ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**PB/STV/PTG Joint Venture**	**Date Collected:**	**4/3/2006**
Project:	**MTA/LIRR East side a**	**Date Received:**	**4/4/2006**
Client Sample ID:	**GE-53-1(0-5)**	**SDG No.:**	**X2221**
Lab Sample ID:	**~~X2221-04~~**	**Matrix:**	**SOIL**
		% Solids:	**91.50**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	5.3		mg/Kg	0.42	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-39-3	Barium	50.4		mg/Kg	0.08	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-43-9	Cadmium	0.04	U	mg/Kg	0.04	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-47-3	Chromium	11.2		mg/Kg	0.09	1	4/5/2006	4/6/2006	EPA SW-846 6010
7439-92-1	Lead	45.1	N	mg/Kg	0.31	1	4/5/2006	4/6/2006	EPA SW-846 6010
7439-97-6	Mercury	0.178		mg/Kg	0.006	1	4/6/2006	4/6/2006	EPA SW-846 7471
7782-49-2	Selenium	0.39	J	mg/Kg	0.37	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-22-4	Silver	0.47	J	mg/Kg	0.08	1	4/5/2006	4/6/2006	EPA SW-846 6010

Comments:

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side a	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-4(0-3.5)	**SDG No.:**	X2221
Lab Sample ID:	X2221-06	**Matrix:**	SOIL
		% Solids:	89.50

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	7.4		mg/Kg	0.43	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-39-3	Barium	41.0		mg/Kg	0.08	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-43-9	Cadmium	0.04	U	mg/Kg	0.04	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-47-3	Chromium	14.1		mg/Kg	0.10	1	4/5/2006	4/6/2006	EPA SW-846 6010
7439-92-1	Lead	50.4	N	mg/Kg	0.32	1	4/5/2006	4/6/2006	EPA SW-846 6010
7439-97-6	Mercury	0.116		mg/Kg	0.006	1	4/6/2006	4/6/2006	EPA SW-846 7471
7782-49-2	Selenium	0.38	U	mg/Kg	0.38	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-22-4	Silver	0.70	J	mg/Kg	0.09	1	4/5/2006	4/6/2006	EPA SW-846 6010

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side a	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-6(0-5)	**SDG No.:**	X2221
Lab Sample ID:	X2221-08	**Matrix:**	SOIL
		% Solids:	90.80

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	3.0		mg/Kg	0.43	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-39-3	Barium	36.2		mg/Kg	0.08	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-43-9	Cadmium	0.04	U	mg/Kg	0.04	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-47-3	Chromium	9.7		mg/Kg	0.10	1	4/5/2006	4/6/2006	EPA SW-846 6010
7439-92-1	Lead	48.5	N	mg/Kg	0.32	1	4/5/2006	4/6/2006	EPA SW-846 6010
7439-97-6	Mercury	0.091		mg/Kg	0.006	1	4/6/2006	4/7/2006	EPA SW-846 7471
7782-49-2	Selenium	0.38	U	mg/Kg	0.38	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-22-4	Silver	0.37	J	mg/Kg	0.09	1	4/5/2006	4/6/2006	EPA SW-846 6010

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side a	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-16(0-4)	**SDG No.:**	X2221
Lab Sample ID:	X2221-10	**Matrix:**	SOIL
		% Solids:	90.10

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	6.7		mg/Kg	0.44	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-39-3	Barium	79.1		mg/Kg	0.08	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-43-9	Cadmium	2.3		mg/Kg	0.04	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-47-3	Chromium	18.3		mg/Kg	0.10	1	4/5/2006	4/6/2006	EPA SW-846 6010
7439-92-1	Lead	154	N	mg/Kg	0.32	1	4/5/2006	4/6/2006	EPA SW-846 6010
7439-97-6	Mercury	2.2	D	mg/Kg	0.064	10	4/6/2006	4/7/2006	EPA SW-846 7471
7782-49-2	Selenium	1.7		mg/Kg	0.38	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-22-4	Silver	0.93	J	mg/Kg	0.09	1	4/5/2006	4/6/2006	EPA SW-846 6010

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Report of Analysis

Client:	**PB/STV/PTG Joint Venture**	**Date Collected:**	**4/3/2006**
Project:	**MTA/LIRR East side a**	**Date Received:**	**4/4/2006**
Client Sample ID:	**GE-53-7(3.5)**	**SDG No.:**	**X2221**
Lab Sample ID:	**X2221-12**	**Matrix:**	**SOIL**
		% Solids:	**95.90**

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	1.4		mg/Kg	0.41	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-39-3	Barium	30.7		mg/Kg	0.08	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-43-9	Cadmium	0.03	U	mg/Kg	0.03	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-47-3	Chromium	6.0		mg/Kg	0.09	1	4/5/2006	4/6/2006	EPA SW-846 6010
7439-92-1	Lead	8.6	N	mg/Kg	0.30	1	4/5/2006	4/6/2006	EPA SW-846 6010
7439-97-6	Mercury	0.026		mg/Kg	0.006	1	4/6/2006	4/7/2006	EPA SW-846 7471
7782-49-2	Selenium	0.36	U	mg/Kg	0.36	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-22-4	Silver	0.18	J	mg/Kg	0.08	1	4/5/2006	4/6/2006	EPA SW-846 6010

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-1(0-5)	**SDG No.:**	X2221
Lab Sample ID:	X2221-04	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	8
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P4003848.D	1	4/5/2006	4/7/2006	P4040606

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.7	U	18	2.7	ug/Kg
11104-28-2	AROCLOR 1221	4.2	U	18	4.2	ug/Kg
11141-16-5	AROCLOR 1232	6.3	U	18	6.3	ug/Kg
53469-21-9	AROCLOR 1242	5.6	U	18	5.6	ug/Kg
12672-29-6	AROCLOR 1248	2.7	U	18	2.7	ug/Kg
11097-69-1	AROCLOR 1254	1.8	U	18	1.8	ug/Kg
11096-82-5	AROCLOR 1260	4.5	U	18	4.5	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.31	82 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	13.66	68 %	58 - 125		SPK: 20

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-4(0-3.5)	**SDG No.:**	X2221
Lab Sample ID:	X2221-06	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	10
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P4003849.D	1	4/5/2006	4/7/2006	P4040606

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.8	U	19	2.8	ug/Kg
11104-28-2	AROCLOR 1221	4.3	U	19	4.3	ug/Kg
11141-16-5	AROCLOR 1232	6.5	U	19	6.5	ug/Kg
53469-21-9	AROCLOR 1242	5.8	U	19	5.8	ug/Kg
12672-29-6	AROCLOR 1248	2.8	U	19	2.8	ug/Kg
11097-69-1	AROCLOR 1254	1.8	U	19	1.8	ug/Kg
11096-82-5	AROCLOR 1260	4.6	U	19	4.6	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.61	78 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	12.86	64 %	58 - 125		SPK: 20

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-6(0-5)	**SDG No.:**	X2221
Lab Sample ID:	X2221-08	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	9
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P4003850.D	1	4/5/2006	4/7/2006	P4040606

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.8	U	18	2.8	ug/Kg
11104-28-2	AROCLOR 1221	4.3	U	18	4.3	ug/Kg
11141-16-5	AROCLOR 1232	6.4	U	18	6.4	ug/Kg
53469-21-9	AROCLOR 1242	5.7	U	18	5.7	ug/Kg
12672-29-6	AROCLOR 1248	2.8	U	18	2.8	ug/Kg
11097-69-1	AROCLOR 1254	1.8	U	18	1.8	ug/Kg
11096-82-5	AROCLOR 1260	4.6	U	18	4.6	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.94	90 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	15.81	79 %	58 - 125		SPK: 20

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-16(0-4)	**SDG No.:**	X2221
Lab Sample ID:	X2221-10	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	10
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P4003851.D	1	4/5/2006	4/7/2006	P4040606

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.8	U	19	2.8	ug/Kg
11104-28-2	AROCLOR 1221	4.3	U	19	4.3	ug/Kg
11141-16-5	AROCLOR 1232	6.5	U	19	6.5	ug/Kg
53469-21-9	AROCLOR 1242	5.8	U	19	5.8	ug/Kg
12672-29-6	AROCLOR 1248	2.8	U	19	2.8	ug/Kg
11097-69-1	AROCLOR 1254	1.8	U	19	1.8	ug/Kg
11096-82-5	AROCLOR 1260	170		19	4.6	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.87	89 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	19.43	97 %	58 - 125		SPK: 20

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	~~MTA/LIRR~~ East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-7(3.5)	**SDG No.:**	X2221
Lab Sample ID:	X2221-12	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	4
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P4003852.D	1	4/5/2006	4/7/2006	P4040606

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.6	U	18	2.6	ug/Kg
11104-28-2	AROCLOR 1221	4.1	U	18	4.1	ug/Kg
11141-16-5	AROCLOR 1232	6.1	U	18	6.1	ug/Kg
53469-21-9	AROCLOR 1242	5.4	U	18	5.4	ug/Kg
12672-29-6	AROCLOR 1248	2.6	U	18	2.6	ug/Kg
11097-69-1	AROCLOR 1254	1.7	U	18	1.7	ug/Kg
11096-82-5	AROCLOR 1260	4.4	U	18	4.4	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.41	92 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	18.32	92 %	58 - 125		SPK: 20

U = Not Detected
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E = Value Exceeds Calibration Range
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B = Analyte Found In Associated Method Blank
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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-31-6(0-5)	**SDG No.:**	X2221
Lab Sample ID:	X2221-02	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	9
Sample Wt/Vol:	30.2 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030568.D	1	4/5/2006	4/7/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	74	U	360	74	ug/Kg
108-95-2	Phenol	55	U	360	55	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57	U	360	57	ug/Kg
95-57-8	2-Chlorophenol	58	U	360	58	ug/Kg
95-48-7	2-Methylphenol	60	U	360	60	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58	U	360	58	ug/Kg
98-86-2	Acetophenone	53	U	360	53	ug/Kg
106-44-5	3+4-Methylphenols	57	U	360	57	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	60	U	360	60	ug/Kg
67-72-1	Hexachloroethane	61	U	360	61	ug/Kg
98-95-3	Nitrobenzene	79	U	360	79	ug/Kg
78-59-1	Isophorone	54	U	360	54	ug/Kg
88-75-5	2-Nitrophenol	56	U	360	56	ug/Kg
105-67-9	2,4-Dimethylphenol	57	U	360	57	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	59	U	360	59	ug/Kg
120-83-2	2,4-Dichlorophenol	67	U	360	67	ug/Kg
91-20-3	Naphthalene	62	U	360	62	ug/Kg
106-47-8	4-Chloroaniline	43	U	360	43	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	360	56	ug/Kg
105-60-2	Caprolactam	58	U	360	58	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	360	50	ug/Kg
91-57-6	2-Methylnaphthalene	60	U	360	60	ug/Kg
77-47-4	Hexachlorocyclopentadiene	58	U	360	58	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	360	53	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	910	55	ug/Kg
92-52-4	1,1-Biphenyl	60	U	360	60	ug/Kg
91-58-7	2-Chloronaphthalene	60	U	360	60	ug/Kg
88-74-4	2-Nitroaniline	46	U	910	46	ug/Kg
131-11-3	Dimethylphthalate	58	U	360	58	ug/Kg
208-96-8	Acenaphthylene	59	U	360	59	ug/Kg
606-20-2	2,6-Dinitrotoluene	51	U	360	51	ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-1(0-5)	**SDG No.:**	X2221
Lab Sample ID:	X2221-04	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	8
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030570.D	1	4/5/2006	4/7/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	74	U	360	74	ug/Kg
108-95-2	Phenol	54	U	360	54	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57	U	360	57	ug/Kg
95-57-8	2-Chlorophenol	57	U	360	57	ug/Kg
95-48-7	2-Methylphenol	60	U	360	60	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58	U	360	58	ug/Kg
98-86-2	Acetophenone	52	U	360	52	ug/Kg
106-44-5	3+4-Methylphenols	57	U	360	57	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	59	U	360	59	ug/Kg
67-72-1	Hexachloroethane	61	U	360	61	ug/Kg
98-95-3	Nitrobenzene	78	U	360	78	ug/Kg
78-59-1	Isophorone	54	U	360	54	ug/Kg
88-75-5	2-Nitrophenol	55	U	360	55	ug/Kg
105-67-9	2,4-Dimethylphenol	57	U	360	57	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	59	U	360	59	ug/Kg
120-83-2	2,4-Dichlorophenol	66	U	360	66	ug/Kg
91-20-3	Naphthalene	460		360	61	ug/Kg
106-47-8	4-Chloroaniline	43	U	360	43	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	360	55	ug/Kg
105-60-2	Caprolactam	58	U	360	58	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	360	49	ug/Kg
91-57-6	2-Methylnaphthalene	210	J	360	60	ug/Kg
77-47-4	Hexachlorocyclopentadiene	57	U	360	57	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	360	53	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	900	55	ug/Kg
92-52-4	1,1-Biphenyl	59	U	360	59	ug/Kg
91-58-7	2-Chloronaphthalene	59	U	360	59	ug/Kg
88-74-4	2-Nitroaniline	45	U	900	45	ug/Kg
131-11-3	Dimethylphthalate	58	U	360	58	ug/Kg
208-96-8	Acenaphthylene	58	U	360	58	ug/Kg
606-20-2	2,6-Dinitrotoluene	51	U	360	51	ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-1(0-5)	**SDG No.:**	X2221
Lab Sample ID:	X2221-04	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	8
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030570.D	1	4/5/2006	4/7/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	47	U	900	47	ug/Kg
83-32-9	Acenaphthene	64	U	360	64	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	900	310	ug/Kg
100-02-7	4-Nitrophenol	44	U	900	44	ug/Kg
132-64-9	Dibenzofuran	65	J	360	59	ug/Kg
121-14-2	2,4-Dinitrotoluene	53	U	360	53	ug/Kg
84-66-2	Diethylphthalate	62	U	360	62	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	360	57	ug/Kg
86-73-7	Fluorene	60	U	360	60	ug/Kg
100-01-6	4-Nitroaniline	61	U	900	61	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70	U	900	70	ug/Kg
86-30-6	N-Nitrosodiphenylamine	59	U	360	59	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	360	53	ug/Kg
118-74-1	Hexachlorobenzene	57	U	360	57	ug/Kg
1912-24-9	Atrazine	55	U	360	55	ug/Kg
87-86-5	Pentachlorophenol	83	U	900	83	ug/Kg
85-01-8	Phenanthrene	550		360	57	ug/Kg
120-12-7	Anthracene	96	J	360	54	ug/Kg
86-74-8	Carbazole	55	U	360	55	ug/Kg
84-74-2	Di-n-butylphthalate	55	U	360	55	ug/Kg
206-44-0	Fluoranthene	1400		360	53	ug/Kg
129-00-0	Pyrene	2700		360	63	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	360	58	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	360	61	ug/Kg
56-55-3	Benzo(a)anthracene	1100		360	50	ug/Kg
218-01-9	Chrysene	1100		360	64	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	170	JB	360	69	ug/Kg
117-84-0	Di-n-octyl phthalate	61	U	360	61	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		360	39	ug/Kg
207-08-9	Benzo(k)fluoranthene	320	J	360	79	ug/Kg
50-32-8	Benzo(a)pyrene	800		360	57	ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR-East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-1(0-5)	**SDG No.:**	X2221
Lab Sample ID:	X2221-04	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	8
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030570.D	1	4/5/2006	4/7/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	92	J	360	45	ug/Kg
53-70-3	Dibenz(a,h)anthracene	45	U	360	45	ug/Kg
191-24-2	Benzo(g,h,i)perylene	210	J	360	59	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	231.78	77 %	25 - 121		SPK: 30
13127-88-3	Phenol-d5	235.94	79 %	24 - 113		SPK: 30
	2-Chlorophenol-d4	251.57	84 %	20 - 130		SPK: 30
	1,2-Dichlorobenzene-d4	162.41	81 %	20 - 130		SPK: 20
4165-60-0	Nitrobenzene-d5	157.24	79 %	23 - 120		SPK: 20
321-60-8	2-Fluorobiphenyl	184.53	92 %	30 - 116		SPK: 20
118-79-6	2,4,6-Tribromophenol	274.51	92 %	19 - 122		SPK: 30
1718-51-0	Terphenyl-d14	286.41	143 %	18 - 137		SPK: 20
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	251477	6.76			
1146-65-2	Naphthalene-d8	885336	9.09			
15067-26-2	Acenaphthene-d10	484533	12.59			
1517-22-2	Phenanthrene-d10	568185	15.59			
1719-03-5	Chrysene-d12	354659	21.00			
1520-96-3	Perylene-d12	96977	24.52			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP4.34	2100	A	4.34		ug/Kg
949-41-7	1H-Cyclopropa[l]phenanthrene,1a,	280	J	16.63		ug/Kg
2531-84-2	Phenanthrene, 2-methyl-	340	J	16.68		ug/Kg
832-69-9	Phenanthrene, 1-methyl-	350	J	16.85		ug/Kg
610-48-0	Anthracene, 1-methyl-	270	J	16.89		ug/Kg
612-94-2	Naphthalene, 2-phenyl-	260	J	17.25		ug/Kg
3674-69-9	Phenanthrene, 4,5-dimethyl-	130	J	17.54		ug/Kg
3674-65-5	Phenanthrene, 2,3-dimethyl-	240	J	17.76		ug/Kg
1576-67-6	Phenanthrene, 3,6-dimethyl-	240	J	17.82		ug/Kg
781-43-1	9,10-Dimethylanthracene	180	J	17.93		ug/Kg
	unknown18.19	140	J	18.19		ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-1(0-5)	**SDG No.:**	X2221
Lab Sample ID:	X2221-04	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	8
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030570.D	1	4/5/2006	4/7/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TENTITIVE IDENTIFIED COMPOUNDS						
243-17-4	11H-Benzo[b]fluorene	160	J	19.21		ug/Kg
2381-21-7	Pyrene, 1-methyl-	100	J	19.42		ug/Kg
	unknown20.54	120	J	20.54		ug/Kg
198-55-0	Perylene	700	J	24.20		ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-1(0-5)RE	**SDG No.:**	X2221
Lab Sample ID:	X2221-04RE	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	8
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030631.D	2	4/5/2006	4/10/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	150	U	710	150	ug/Kg
108-95-2	Phenol	110	U	710	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	710	110	ug/Kg
95-57-8	2-Chlorophenol	110	U	710	110	ug/Kg
95-48-7	2-Methylphenol	120	U	710	120	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	710	120	ug/Kg
98-86-2	Acetophenone	100	U	710	100	ug/Kg
106-44-5	3+4-Methylphenols	110	U	710	110	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	120	U	710	120	ug/Kg
67-72-1	Hexachloroethane	120	U	710	120	ug/Kg
98-95-3	Nitrobenzene	160	U	710	160	ug/Kg
78-59-1	Isophorone	110	U	710	110	ug/Kg
88-75-5	2-Nitrophenol	110	U	710	110	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	710	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	710	120	ug/Kg
120-83-2	2,4-Dichlorophenol	130	U	710	130	ug/Kg
91-20-3	Naphthalene	420	J	710	120	ug/Kg
106-47-8	4-Chloroaniline	85	U	710	85	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	710	110	ug/Kg
105-60-2	Caprolactam	120	U	710	120	ug/Kg
59-50-7	4-Chloro-3-methylphenol	99	U	710	99	ug/Kg
91-57-6	2-Methylnaphthalene	190	J	710	120	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	710	110	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	710	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	U	1800	110	ug/Kg
92-52-4	1,1-Biphenyl	120	U	710	120	ug/Kg
91-58-7	2-Chloronaphthalene	120	U	710	120	ug/Kg
88-74-4	2-Nitroaniline	91	U	1800	91	ug/Kg
131-11-3	Dimethylphthalate	120	U	710	120	ug/Kg
208-96-8	Acenaphthylene	120	U	710	120	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	710	100	ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-1(0-5)RE	**SDG No.:**	X2221
Lab Sample ID:	X2221-04RE	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	8
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030631.D	2	4/5/2006	4/10/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	93	U	1800	93	ug/Kg
83-32-9	Acenaphthene	130	U	710	130	ug/Kg
51-28-5	2,4-Dinitrophenol	610	U	1800	610	ug/Kg
100-02-7	4-Nitrophenol	89	U	1800	89	ug/Kg
132-64-9	Dibenzofuran	120	U	710	120	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	710	110	ug/Kg
84-66-2	Diethylphthalate	120	U	710	120	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	710	110	ug/Kg
86-73-7	Fluorene	120	U	710	120	ug/Kg
100-01-6	4-Nitroaniline	120	U	1800	120	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	1800	140	ug/Kg
86-30-6	N-Nitrosodiphenylamine	120	U	710	120	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	710	110	ug/Kg
118-74-1	Hexachlorobenzene	110	U	710	110	ug/Kg
1912-24-9	Atrazine	110	U	710	110	ug/Kg
87-86-5	Pentachlorophenol	170	U	1800	170	ug/Kg
85-01-8	Phenanthrene	470	J	710	110	ug/Kg
120-12-7	Anthracene	110	U	710	110	ug/Kg
86-74-8	Carbazole	110	U	710	110	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	710	110	ug/Kg
206-44-0	Fluoranthene	1300		710	110	ug/Kg
129-00-0	Pyrene	2400		710	130	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	710	120	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	710	120	ug/Kg
56-55-3	Benzo(a)anthracene	950		710	100	ug/Kg
218-01-9	Chrysene	1000		710	130	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	160	JB	710	140	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	710	120	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		710	79	ug/Kg
207-08-9	Benzo(k)fluoranthene	440	J	710	160	ug/Kg
50-32-8	Benzo(a)pyrene	750		710	110	ug/Kg

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B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-1(0-5)RE	**SDG No.:**	X2221
Lab Sample ID:	X2221-04RE	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	8
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030631.D	2	4/5/2006	4/10/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	91	U	710	91	ug/Kg
53-70-3	Dibenz(a,h)anthracene	90	U	710	90	ug/Kg
191-24-2	Benzo(g,h,i)perylene	180	J	710	120	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	241.56	81 %	25 - 121		SPK: 30
13127-88-3	Phenol-d5	253.82	85 %	24 - 113		SPK: 30
	2-Chlorophenol-d4	281.76	94 %	20 - 130		SPK: 30
	1,2-Dichlorobenzene-d4	183.86	92 %	20 - 130		SPK: 20
4165-60-0	Nitrobenzene-d5	153.52	77 %	23 - 120		SPK: 20
321-60-8	2-Fluorobiphenyl	192.28	96 %	30 - 116		SPK: 20
118-79-6	2,4,6-Tribromophenol	316.56	106 %	19 - 122		SPK: 30
1718-51-0	Terphenyl-d14	302.98	151 %	18 - 137		SPK: 20
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	290897	6.70			
1146-65-2	Naphthalene-d8	1127936	9.02			
15067-26-2	Acenaphthene-d10	654602	12.52			
1517-22-2	Phenanthrene-d10	772261	15.53			
1719-03-5	Chrysene-d12	491079	20.92			
1520-96-3	Perylene-d12	133018	24.42			

U = Not Detected
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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-4(0-3.5)	**SDG No.:**	X2221
Lab Sample ID:	X2221-06	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	10
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030571.D	1	4/5/2006	4/8/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	75	U	370	75	ug/Kg
108-95-2	Phenol	55	U	370	55	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58	U	370	58	ug/Kg
95-57-8	2-Chlorophenol	58	U	370	58	ug/Kg
95-48-7	2-Methylphenol	61	U	370	61	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59	U	370	59	ug/Kg
98-86-2	Acetophenone	54	U	370	54	ug/Kg
106-44-5	3+4-Methylphenols	58	U	370	58	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	61	U	370	61	ug/Kg
67-72-1	Hexachloroethane	62	U	370	62	ug/Kg
98-95-3	Nitrobenzene	80	U	370	80	ug/Kg
78-59-1	Isophorone	55	U	370	55	ug/Kg
88-75-5	2-Nitrophenol	56	U	370	56	ug/Kg
105-67-9	2,4-Dimethylphenol	58	U	370	58	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	60	U	370	60	ug/Kg
120-83-2	2,4-Dichlorophenol	68	U	370	68	ug/Kg
91-20-3	Naphthalene	63	U	370	63	ug/Kg
106-47-8	4-Chloroaniline	44	U	370	44	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	370	56	ug/Kg
105-60-2	Caprolactam	59	U	370	59	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51	U	370	51	ug/Kg
91-57-6	2-Methylnaphthalene	61	U	370	61	ug/Kg
77-47-4	Hexachlorocyclopentadiene	58	U	370	58	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	370	54	ug/Kg
95-95-4	2,4,5-Trichlorophenol	56	U	920	56	ug/Kg
92-52-4	1,1-Biphenyl	60	U	370	60	ug/Kg
91-58-7	2-Chloronaphthalene	61	U	370	61	ug/Kg
88-74-4	2-Nitroaniline	46	U	920	46	ug/Kg
131-11-3	Dimethylphthalate	59	U	370	59	ug/Kg
208-96-8	Acenaphthylene	59	U	370	59	ug/Kg
606-20-2	2,6-Dinitrotoluene	52	U	370	52	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-4(0-3.5)	**SDG No.:**	X2221
Lab Sample ID:	X2221-06	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	10
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030571.D	1	4/5/2006	4/8/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	48	U	920	48	ug/Kg
83-32-9	Acenaphthene	65	U	370	65	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	920	310	ug/Kg
100-02-7	4-Nitrophenol	45	U	920	45	ug/Kg
132-64-9	Dibenzofuran	61	U	370	61	ug/Kg
121-14-2	2,4-Dinitrotoluene	54	U	370	54	ug/Kg
84-66-2	Diethylphthalate	63	U	370	63	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	370	58	ug/Kg
86-73-7	Fluorene	62	U	370	62	ug/Kg
100-01-6	4-Nitroaniline	63	U	920	63	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	71	U	920	71	ug/Kg
86-30-6	N-Nitrosodiphenylamine	60	U	370	60	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55	U	370	55	ug/Kg
118-74-1	Hexachlorobenzene	59	U	370	59	ug/Kg
1912-24-9	Atrazine	56	U	370	56	ug/Kg
87-86-5	Pentachlorophenol	85	U	920	85	ug/Kg
85-01-8	Phenanthrene	760		370	58	ug/Kg
120-12-7	Anthracene	84	J	370	55	ug/Kg
86-74-8	Carbazole	56	U	370	56	ug/Kg
84-74-2	Di-n-butylphthalate	56	U	370	56	ug/Kg
206-44-0	Fluoranthene	550		370	54	ug/Kg
129-00-0	Pyrene	2000		370	65	ug/Kg
85-68-7	Butylbenzylphthalate	59	U	370	59	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	370	63	ug/Kg
56-55-3	Benzo(a)anthracene	480		370	51	ug/Kg
218-01-9	Chrysene	600		370	66	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	280	JB	370	70	ug/Kg
117-84-0	Di-n-octyl phthalate	62	U	370	62	ug/Kg
205-99-2	Benzo(b)fluoranthene	630		370	40	ug/Kg
207-08-9	Benzo(k)fluoranthene	250	J	370	81	ug/Kg
50-32-8	Benzo(a)pyrene	380		370	59	ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-4(0-3.5)	**SDG No.:**	X2221
Lab Sample ID:	X2221-06	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	10
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030571.D	1	4/5/2006	4/8/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	46	U	370	46	ug/Kg
53-70-3	Dibenz(a,h)anthracene	46	U	370	46	ug/Kg
191-24-2	Benzo(g,h,i)perylene	70	J	370	61	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	213.94	71 %	25 - 121		SPK: 30
13127-88-3	Phenol-d5	224.37	75 %	24 - 113		SPK: 30
	2-Chlorophenol-d4	244.34	81 %	20 - 130		SPK: 30
	1,2-Dichlorobenzene-d4	158.37	79 %	20 - 130		SPK: 20
4165-60-0	Nitrobenzene-d5	149.98	75 %	23 - 120		SPK: 20
321-60-8	2-Fluorobiphenyl	171.73	86 %	30 - 116		SPK: 20
118-79-6	2,4,6-Tribromophenol	248.07	83 %	19 - 122		SPK: 30
1718-51-0	Terphenyl-d14	344.71	172 %	18 - 137		SPK: 20
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	244617	6.77			
1146-65-2	Naphthalene-d8	884375	9.09			
15067-26-2	Acenaphthene-d10	505968	12.59			
1517-22-2	Phenanthrene-d10	657696	15.60			
1719-03-5	Chrysene-d12	276486	20.99			
1520-96-3	Perylene-d12	61685	24.52			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP4.35	2100	A	4.35		ug/Kg
2531-84-2	Phenanthrene, 2-methyl-	220	J	16.63		ug/Kg
832-69-9	Phenanthrene, 1-methyl-	270	J	16.69		ug/Kg
779-02-2	Anthracene, 9-methyl-	330	J	16.84		ug/Kg
84-65-1	9,10-Anthracenedione	190	J	17.27		ug/Kg
1576-69-8	Phenanthrene, 2,7-dimethyl-	180	J	17.84		ug/Kg
	unknown17.93	170	J	17.93		ug/Kg
33543-31-6	Fluoranthene, 2-methyl-	250	J	19.21		ug/Kg
64401-21-4	Pyrene, 1,3-dimethyl-	190	J	20.09		ug/Kg
112-88-9	1-Octadecene	190	J	20.75		ug/Kg
544-76-3	Hexadecane	210	J	22.13		ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-4(0-3.5)	**SDG No.:**	X2221
Lab Sample ID:	X2221-06	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	10
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030571.D	1	4/5/2006	4/8/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TENTITIVE IDENTIFIED COMPOUNDS						
7390-81-0	Oxirane, hexadecyl-	1800	J	23.30		ug/Kg
630-06-8	Hexatriacontane	740	J	23.82		ug/Kg
629-80-1	Hexadecanal	1200	J	25.44		ug/Kg
7098-22-8	Tetratetracontane	860	J	26.14		ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-4(0-3.5)RE	**SDG No.:**	X2221
Lab Sample ID:	X2221-06RE	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	10
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030612.D	1	4/5/2006	4/9/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	75	U	370	75	ug/Kg
108-95-2	Phenol	55	U	370	55	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58	U	370	58	ug/Kg
95-57-8	2-Chlorophenol	58	U	370	58	ug/Kg
95-48-7	2-Methylphenol	61	U	370	61	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59	U	370	59	ug/Kg
98-86-2	Acetophenone	54	U	370	54	ug/Kg
106-44-5	3+4-Methylphenols	58	U	370	58	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	61	U	370	61	ug/Kg
67-72-1	Hexachloroethane	62	U	370	62	ug/Kg
98-95-3	Nitrobenzene	80	U	370	80	ug/Kg
78-59-1	Isophorone	55	U	370	55	ug/Kg
88-75-5	2-Nitrophenol	56	U	370	56	ug/Kg
105-67-9	2,4-Dimethylphenol	58	U	370	58	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	60	U	370	60	ug/Kg
120-83-2	2,4-Dichlorophenol	68	U	370	68	ug/Kg
91-20-3	Naphthalene	63	U	370	63	ug/Kg
106-47-8	4-Chloroaniline	44	U	370	44	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	370	56	ug/Kg
105-60-2	Caprolactam	59	U	370	59	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51	U	370	51	ug/Kg
91-57-6	2-Methylnaphthalene	61	U	370	61	ug/Kg
77-47-4	Hexachlorocyclopentadiene	58	U	370	58	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	370	54	ug/Kg
95-95-4	2,4,5-Trichlorophenol	56	U	920	56	ug/Kg
92-52-4	1,1-Biphenyl	60	U	370	60	ug/Kg
91-58-7	2-Chloronaphthalene	61	U	370	61	ug/Kg
88-74-4	2-Nitroaniline	46	U	920	46	ug/Kg
131-11-3	Dimethylphthalate	59	U	370	59	ug/Kg
208-96-8	Acenaphthylene	59	U	370	59	ug/Kg
606-20-2	2,6-Dinitrotoluene	52	U	370	52	ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-4(0-3.5)RE	**SDG No.:**	X2221
Lab Sample ID:	X2221-06RE	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	10
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030612.D	1	4/5/2006	4/9/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	48	U	920	48	ug/Kg
83-32-9	Acenaphthene	65	U	370	65	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	920	310	ug/Kg
100-02-7	4-Nitrophenol	45	U	920	45	ug/Kg
132-64-9	Dibenzofuran	61	U	370	61	ug/Kg
121-14-2	2,4-Dinitrotoluene	54	U	370	54	ug/Kg
84-66-2	Diethylphthalate	63	U	370	63	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	370	58	ug/Kg
86-73-7	Fluorene	62	U	370	62	ug/Kg
100-01-6	4-Nitroaniline	63	U	920	63	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	71	U	920	71	ug/Kg
86-30-6	N-Nitrosodiphenylamine	60	U	370	60	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55	U	370	55	ug/Kg
118-74-1	Hexachlorobenzene	59	U	370	59	ug/Kg
1912-24-9	Atrazine	56	U	370	56	ug/Kg
87-86-5	Pentachlorophenol	85	U	920	85	ug/Kg
85-01-8	Phenanthrene	780		370	58	ug/Kg
120-12-7	Anthracene	71	J	370	55	ug/Kg
86-74-8	Carbazole	56	U	370	56	ug/Kg
84-74-2	Di-n-butylphthalate	56	U	370	56	ug/Kg
206-44-0	Fluoranthene	590		370	54	ug/Kg
129-00-0	Pyrene	2300		370	65	ug/Kg
85-68-7	Butylbenzylphthalate	59	U	370	59	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	370	63	ug/Kg
56-55-3	Benzo(a)anthracene	440		370	51	ug/Kg
218-01-9	Chrysene	580		370	66	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	310	JB	370	70	ug/Kg
117-84-0	Di-n-octyl phthalate	62	U	370	62	ug/Kg
205-99-2	Benzo(b)fluoranthene	710		370	40	ug/Kg
207-08-9	Benzo(k)fluoranthene	210	J	370	81	ug/Kg
50-32-8	Benzo(a)pyrene	370		370	59	ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-4(0-3.5)RE	**SDG No.:**	X2221
Lab Sample ID:	X2221-06RE	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	10
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030612.D	1	4/5/2006	4/9/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	46	U	370	46	ug/Kg
53-70-3	Dibenz(a,h)anthracene	46	U	370	46	ug/Kg
191-24-2	Benzo(g,h,i)perylene	65	J	370	61	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	243.87	81 %	25 - 121		SPK: 30
13127-88-3	Phenol-d5	252.88	84 %	24 - 113		SPK: 30
	2-Chlorophenol-d4	244.61	82 %	20 - 130		SPK: 30
	1,2-Dichlorobenzene-d4	162.54	81 %	20 - 130		SPK: 20
4165-60-0	Nitrobenzene-d5	151.74	76 %	23 - 120		SPK: 20
321-60-8	2-Fluorobiphenyl	159.09	80 %	30 - 116		SPK: 20
118-79-6	2,4,6-Tribromophenol	246.93	82 %	19 - 122		SPK: 30
1718-51-0	Terphenyl-d14	423.09	212 %	18 - 137		SPK: 20
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	317361	6.73			
1146-65-2	Naphthalene-d8	1204215	9.05			
15067-26-2	Acenaphthene-d10	700199	12.54			
1517-22-2	Phenanthrene-d10	865973	15.54			
1719-03-5	Chrysene-d12	324959	20.92			
1520-96-3	Perylene-d12	43465	24.38			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-6(0-5)	**SDG No.:**	X2221
Lab Sample ID:	X2221-08	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	9
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030569.D	1	4/5/2006	4/7/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	74	U	360	74	ug/Kg
108-95-2	Phenol	55	U	360	55	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57	U	360	57	ug/Kg
95-57-8	2-Chlorophenol	58	U	360	58	ug/Kg
95-48-7	2-Methylphenol	60	U	360	60	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58	U	360	58	ug/Kg
98-86-2	Acetophenone	53	U	360	53	ug/Kg
106-44-5	3+4-Methylphenols	57	U	360	57	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	60	U	360	60	ug/Kg
67-72-1	Hexachloroethane	62	U	360	62	ug/Kg
98-95-3	Nitrobenzene	79	U	360	79	ug/Kg
78-59-1	Isophorone	54	U	360	54	ug/Kg
88-75-5	2-Nitrophenol	56	U	360	56	ug/Kg
105-67-9	2,4-Dimethylphenol	58	U	360	58	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	60	U	360	60	ug/Kg
120-83-2	2,4-Dichlorophenol	67	U	360	67	ug/Kg
91-20-3	Naphthalene	62	U	360	62	ug/Kg
106-47-8	4-Chloroaniline	43	U	360	43	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	360	56	ug/Kg
105-60-2	Caprolactam	58	U	360	58	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	360	50	ug/Kg
91-57-6	2-Methylnaphthalene	61	U	360	61	ug/Kg
77-47-4	Hexachlorocyclopentadiene	58	U	360	58	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	360	53	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	910	55	ug/Kg
92-52-4	1,1-Biphenyl	60	U	360	60	ug/Kg
91-58-7	2-Chloronaphthalene	60	U	360	60	ug/Kg
88-74-4	2-Nitroaniline	46	U	910	46	ug/Kg
131-11-3	Dimethylphthalate	58	U	360	58	ug/Kg
208-96-8	Acenaphthylene	59	U	360	59	ug/Kg
606-20-2	2,6-Dinitrotoluene	51	U	360	51	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-6(0-5)	**SDG No.:**	X2221
Lab Sample ID:	X2221-08	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	9
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030569.D	1	4/5/2006	4/7/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	47	U	910	47	ug/Kg
83-32-9	Acenaphthene	65	U	360	65	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	910	310	ug/Kg
100-02-7	4-Nitrophenol	45	U	910	45	ug/Kg
132-64-9	Dibenzofuran	60	U	360	60	ug/Kg
121-14-2	2,4-Dinitrotoluene	53	U	360	53	ug/Kg
84-66-2	Diethylphthalate	63	U	360	63	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	360	57	ug/Kg
86-73-7	Fluorene	61	U	360	61	ug/Kg
100-01-6	4-Nitroaniline	62	U	910	62	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70	U	910	70	ug/Kg
86-30-6	N-Nitrosodiphenylamine	60	U	360	60	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	360	54	ug/Kg
118-74-1	Hexachlorobenzene	58	U	360	58	ug/Kg
1912-24-9	Atrazine	56	U	360	56	ug/Kg
87-86-5	Pentachlorophenol	84	U	910	84	ug/Kg
85-01-8	Phenanthrene	58	U	360	58	ug/Kg
120-12-7	Anthracene	55	U	360	55	ug/Kg
86-74-8	Carbazole	55	U	360	55	ug/Kg
84-74-2	Di-n-butylphthalate	55	U	360	55	ug/Kg
206-44-0	Fluoranthene	54	U	360	54	ug/Kg
129-00-0	Pyrene	130	J	360	64	ug/Kg
85-68-7	Butylbenzylphthalate	59	U	360	59	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	360	62	ug/Kg
56-55-3	Benzo(a)anthracene	51	U	360	51	ug/Kg
218-01-9	Chrysene	65	U	360	65	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	190	JB	360	70	ug/Kg
117-84-0	Di-n-octyl phthalate	62	U	360	62	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	360	40	ug/Kg
207-08-9	Benzo(k)fluoranthene	80	U	360	80	ug/Kg
50-32-8	Benzo(a)pyrene	58	U	360	58	ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-6(0-5)	**SDG No.:**	X2221
Lab Sample ID:	X2221-08	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	9
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030569.D	1	4/5/2006	4/7/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	46	U	360	46	ug/Kg
53-70-3	Dibenz(a,h)anthracene	45	U	360	45	ug/Kg
191-24-2	Benzo(g,h,i)perylene	60	U	360	60	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	225.78	75 %	25 - 121		SPK: 30
13127-88-3	Phenol-d5	232.83	78 %	24 - 113		SPK: 30
	2-Chlorophenol-d4	239.46	80 %	20 - 130		SPK: 30
	1,2-Dichlorobenzene-d4	154.23	77 %	20 - 130		SPK: 20
4165-60-0	Nitrobenzene-d5	142.48	71 %	23 - 120		SPK: 20
321-60-8	2-Fluorobiphenyl	158.61	79 %	30 - 116		SPK: 20
118-79-6	2,4,6-Tribromophenol	256.45	85 %	19 - 122		SPK: 30
1718-51-0	Terphenyl-d14	415.82	208 %	18 - 137		SPK: 20
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	246201	6.77			
1146-65-2	Naphthalene-d8	915135	9.09			
15067-26-2	Acenaphthene-d10	526865	12.58			
1517-22-2	Phenanthrene-d10	658995	15.59			
1719-03-5	Chrysene-d12	234721	20.97			
1520-96-3	Perylene-d12	80264	24.51			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP4.34	1900	A	4.34		ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-6(0-5)RE	**SDG No.:**	X2221
Lab Sample ID:	X2221-08RE	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	9
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030610.D	1	4/5/2006	4/9/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	74	U	360	74	ug/Kg
108-95-2	Phenol	55	U	360	55	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57	U	360	57	ug/Kg
95-57-8	2-Chlorophenol	58	U	360	58	ug/Kg
95-48-7	2-Methylphenol	60	U	360	60	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58	U	360	58	ug/Kg
98-86-2	Acetophenone	53	U	360	53	ug/Kg
106-44-5	3+4-Methylphenols	57	U	360	57	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	60	U	360	60	ug/Kg
67-72-1	Hexachloroethane	62	U	360	62	ug/Kg
98-95-3	Nitrobenzene	79	U	360	79	ug/Kg
78-59-1	Isophorone	54	U	360	54	ug/Kg
88-75-5	2-Nitrophenol	56	U	360	56	ug/Kg
105-67-9	2,4-Dimethylphenol	58	U	360	58	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	60	U	360	60	ug/Kg
120-83-2	2,4-Dichlorophenol	67	U	360	67	ug/Kg
91-20-3	Naphthalene	62	U	360	62	ug/Kg
106-47-8	4-Chloroaniline	43	U	360	43	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	360	56	ug/Kg
105-60-2	Caprolactam	58	U	360	58	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	360	50	ug/Kg
91-57-6	2-Methylnaphthalene	61	U	360	61	ug/Kg
77-47-4	Hexachlorocyclopentadiene	58	U	360	58	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	360	53	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	910	55	ug/Kg
92-52-4	1,1-Biphenyl	60	U	360	60	ug/Kg
91-58-7	2-Chloronaphthalene	60	U	360	60	ug/Kg
88-74-4	2-Nitroaniline	46	U	910	46	ug/Kg
131-11-3	Dimethylphthalate	58	U	360	58	ug/Kg
208-96-8	Acenaphthylene	59	U	360	59	ug/Kg
606-20-2	2,6-Dinitrotoluene	51	U	360	51	ug/Kg

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Project:	MTA/LIRR East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-6(0-5)RE	**SDG No.:**	X2221
Lab Sample ID:	X2221-08RE	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	9
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030610.D	1	4/5/2006	4/9/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	47	U	910	47	ug/Kg
83-32-9	Acenaphthene	65	U	360	65	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	910	310	ug/Kg
100-02-7	4-Nitrophenol	45	U	910	45	ug/Kg
132-64-9	Dibenzofuran	60	U	360	60	ug/Kg
121-14-2	2,4-Dinitrotoluene	53	U	360	53	ug/Kg
84-66-2	Diethylphthalate	63	U	360	63	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	360	57	ug/Kg
86-73-7	Fluorene	61	U	360	61	ug/Kg
100-01-6	4-Nitroaniline	62	U	910	62	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70	U	910	70	ug/Kg
86-30-6	N-Nitrosodiphenylamine	60	U	360	60	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	360	54	ug/Kg
118-74-1	Hexachlorobenzene	58	U	360	58	ug/Kg
1912-24-9	Atrazine	56	U	360	56	ug/Kg
87-86-5	Pentachlorophenol	84	U	910	84	ug/Kg
85-01-8	Phenanthrene	58	U	360	58	ug/Kg
120-12-7	Anthracene	55	U	360	55	ug/Kg
86-74-8	Carbazole	55	U	360	55	ug/Kg
84-74-2	Di-n-butylphthalate	55	U	360	55	ug/Kg
206-44-0	Fluoranthene	54	U	360	54	ug/Kg
129-00-0	Pyrene	120	J	360	64	ug/Kg
85-68-7	Butylbenzylphthalate	59	U	360	59	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	360	62	ug/Kg
56-55-3	Benzo(a)anthracene	51	U	360	51	ug/Kg
218-01-9	Chrysene	65	U	360	65	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	190	JB	360	70	ug/Kg
117-84-0	Di-n-octyl phthalate	62	U	360	62	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	360	40	ug/Kg
207-08-9	Benzo(k)fluoranthene	80	U	360	80	ug/Kg
50-32-8	Benzo(a)pyrene	58	U	360	58	ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-6(0-5)RE	**SDG No.:**	X2221
Lab Sample ID:	X2221-08RE	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	9
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030610.D	1	4/5/2006	4/9/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	46	U	360	46	ug/Kg
53-70-3	Dibenz(a,h)anthracene	45	U	360	45	ug/Kg
191-24-2	Benzo(g,h,i)perylene	60	U	360	60	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	235.62	79 %	25 - 121		SPK: 30
13127-88-3	Phenol-d5	233.57	78 %	24 - 113		SPK: 30
	2-Chlorophenol-d4	252.51	84 %	20 - 130		SPK: 30
	1,2-Dichlorobenzene-d4	157.73	79 %	20 - 130		SPK: 20
4165-60-0	Nitrobenzene-d5	150.4	75 %	23 - 120		SPK: 20
321-60-8	2-Fluorobiphenyl	168.07	84 %	30 - 116		SPK: 20
118-79-6	2,4,6-Tribromophenol	276.71	92 %	19 - 122		SPK: 30
1718-51-0	Terphenyl-d14	488.72	244 %	18 - 137		SPK: 20
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	324670	6.72			
1146-65-2	Naphthalene-d8	1239460	9.04			
15067-26-2	Acenaphthene-d10	694041	12.54			
1517-22-2	Phenanthrene-d10	788722	15.54			
1719-03-5	Chrysene-d12	281975	20.91			
1520-96-3	Perylene-d12	55061	24.38			

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-16(0-4)	**SDG No.:**	X2221
Lab Sample ID:	X2221-10	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	10
Sample Wt/Vol:	30.2 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030572.D	1	4/5/2006	4/8/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	75	U	360	75	ug/Kg
108-95-2	Phenol	55	U	360	55	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58	U	360	58	ug/Kg
95-57-8	2-Chlorophenol	58	U	360	58	ug/Kg
95-48-7	2-Methylphenol	61	U	360	61	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59	U	360	59	ug/Kg
98-86-2	Acetophenone	53	U	360	53	ug/Kg
106-44-5	3+4-Methylphenols	58	U	360	58	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	61	U	360	61	ug/Kg
67-72-1	Hexachloroethane	62	U	360	62	ug/Kg
98-95-3	Nitrobenzene	80	U	360	80	ug/Kg
78-59-1	Isophorone	55	U	360	55	ug/Kg
88-75-5	2-Nitrophenol	56	U	360	56	ug/Kg
105-67-9	2,4-Dimethylphenol	58	U	360	58	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	60	U	360	60	ug/Kg
120-83-2	2,4-Dichlorophenol	68	U	360	68	ug/Kg
91-20-3	Naphthalene	62	U	360	62	ug/Kg
106-47-8	4-Chloroaniline	44	U	360	44	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	360	56	ug/Kg
105-60-2	Caprolactam	59	U	360	59	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	360	50	ug/Kg
91-57-6	2-Methylnaphthalene	61	U	360	61	ug/Kg
77-47-4	Hexachlorocyclopentadiene	58	U	360	58	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	360	54	ug/Kg
95-95-4	2,4,5-Trichlorophenol	56	U	920	56	ug/Kg
92-52-4	1,1-Biphenyl	60	U	360	60	ug/Kg
91-58-7	2-Chloronaphthalene	61	U	360	61	ug/Kg
88-74-4	2-Nitroaniline	46	U	920	46	ug/Kg
131-11-3	Dimethylphthalate	59	U	360	59	ug/Kg
208-96-8	Acenaphthylene	59	U	360	59	ug/Kg
606-20-2	2,6-Dinitrotoluene	52	U	360	52	ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR-East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-16(0-4)	**SDG No.:**	X2221
Lab Sample ID:	X2221-10	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	10
Sample Wt/Vol:	30.2 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030572.D	1	4/5/2006	4/8/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	48	U	920	48	ug/Kg
83-32-9	Acenaphthene	65	U	360	65	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	920	310	ug/Kg
100-02-7	4-Nitrophenol	45	U	920	45	ug/Kg
132-64-9	Dibenzofuran	60	U	360	60	ug/Kg
121-14-2	2,4-Dinitrotoluene	54	U	360	54	ug/Kg
84-66-2	Diethylphthalate	63	U	360	63	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	360	58	ug/Kg
86-73-7	Fluorene	62	U	360	62	ug/Kg
100-01-6	4-Nitroaniline	62	U	920	62	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	71	U	920	71	ug/Kg
86-30-6	N-Nitrosodiphenylamine	60	U	360	60	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55	U	360	55	ug/Kg
118-74-1	Hexachlorobenzene	58	U	360	58	ug/Kg
1912-24-9	Atrazine	56	U	360	56	ug/Kg
87-86-5	Pentachlorophenol	85	U	920	85	ug/Kg
85-01-8	Phenanthrene	260	J	360	58	ug/Kg
120-12-7	Anthracene	56	J	360	55	ug/Kg
86-74-8	Carbazole	56	U	360	56	ug/Kg
84-74-2	Di-n-butylphthalate	56	U	360	56	ug/Kg
206-44-0	Fluoranthene	370		360	54	ug/Kg
129-00-0	Pyrene	820		360	65	ug/Kg
85-68-7	Butylbenzylphthalate	66	J	360	59	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	360	62	ug/Kg
56-55-3	Benzo(a)anthracene	270	J	360	51	ug/Kg
218-01-9	Chrysene	350	J	360	66	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	440	B	360	70	ug/Kg
117-84-0	Di-n-octyl phthalate	62	U	360	62	ug/Kg
205-99-2	Benzo(b)fluoranthene	650		360	40	ug/Kg
207-08-9	Benzo(k)fluoranthene	270	J	360	80	ug/Kg
50-32-8	Benzo(a)pyrene	270	J	360	58	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-16(0-4)	**SDG No.:**	X2221
Lab Sample ID:	X2221-10	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	10
Sample Wt/Vol:	30.2 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030572.D	1	4/5/2006	4/8/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	46	U	360	46	ug/Kg
53-70-3	Dibenz(a,h)anthracene	46	U	360	46	ug/Kg
191-24-2	Benzo(g,h,i)perylene	60	U	360	60	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	233.87	78 %	25 - 121		SPK: 30
13127-88-3	Phenol-d5	240.04	80 %	24 - 113		SPK: 30
	2-Chlorophenol-d4	268.99	90 %	20 - 130		SPK: 30
	1,2-Dichlorobenzene-d4	173.69	87 %	20 - 130		SPK: 20
4165-60-0	Nitrobenzene-d5	157.48	79 %	23 - 120		SPK: 20
321-60-8	2-Fluorobiphenyl	185.52	93 %	30 - 116		SPK: 20
118-79-6	2,4,6-Tribromophenol	277.37	92 %	19 - 122		SPK: 30
1718-51-0	Terphenyl-d14	455.7	228 %	18 - 137		SPK: 20
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	246171	6.76			
1146-65-2	Naphthalene-d8	892378	9.09			
15067-26-2	Acenaphthene-d10	504014	12.59			
1517-22-2	Phenanthrene-d10	629086	15.60			
1719-03-5	Chrysene-d12	227126	20.98			
1520-96-3	Perylene-d12	43227	24.51			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP4.33	2200	A	4.33		ug/Kg
91-64-5	2H-1-Benzopyran-2-one	98	J	12.09		ug/Kg
	unknown16.96	710	J	16.96		ug/Kg
629-96-9	1-Eicosanol	160	J	20.75		ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-16(0-4)RE	**SDG No.:**	X2221
Lab Sample ID:	X2221-10RE	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	10
Sample Wt/Wol:	30.2 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030613.D	1	4/5/2006	4/9/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	75	U	360	75	ug/Kg
108-95-2	Phenol	55	U	360	55	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58	U	360	58	ug/Kg
95-57-8	2-Chlorophenol	58	U	360	58	ug/Kg
95-48-7	2-Methylphenol	61	U	360	61	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59	U	360	59	ug/Kg
98-86-2	Acetophenone	53	U	360	53	ug/Kg
106-44-5	3+4-Methylphenols	58	U	360	58	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	61	U	360	61	ug/Kg
67-72-1	Hexachloroethane	62	U	360	62	ug/Kg
98-95-3	Nitrobenzene	80	U	360	80	ug/Kg
78-59-1	Isophorone	55	U	360	55	ug/Kg
88-75-5	2-Nitrophenol	56	U	360	56	ug/Kg
105-67-9	2,4-Dimethylphenol	58	U	360	58	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	60	U	360	60	ug/Kg
120-83-2	2,4-Dichlorophenol	68	U	360	68	ug/Kg
91-20-3	Naphthalene	62	U	360	62	ug/Kg
106-47-8	4-Chloroaniline	44	U	360	44	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	360	56	ug/Kg
105-60-2	Caprolactam	59	U	360	59	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	360	50	ug/Kg
91-57-6	2-Methylnaphthalene	61	U	360	61	ug/Kg
77-47-4	Hexachlorocyclopentadiene	58	U	360	58	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	360	54	ug/Kg
95-95-4	2,4,5-Trichlorophenol	56	U	920	56	ug/Kg
92-52-4	1,1-Biphenyl	60	U	360	60	ug/Kg
91-58-7	2-Chloronaphthalene	61	U	360	61	ug/Kg
88-74-4	2-Nitroaniline	46	U	920	46	ug/Kg
131-11-3	Dimethylphthalate	59	U	360	59	ug/Kg
208-96-8	Acenaphthylene	59	U	360	59	ug/Kg
606-20-2	2,6-Dinitrotoluene	52	U	360	52	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-16(0-4)RE	**SDG No.:**	X2221
Lab Sample ID:	X2221-10RE	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	10
Sample Wt/Vol:	30.2 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030613.D	1	4/5/2006	4/9/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	48	U	920	48	ug/Kg
83-32-9	Acenaphthene	65	U	360	65	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	920	310	ug/Kg
100-02-7	4-Nitrophenol	45	U	920	45	ug/Kg
132-64-9	Dibenzofuran	60	U	360	60	ug/Kg
121-14-2	2,4-Dinitrotoluene	54	U	360	54	ug/Kg
84-66-2	Diethylphthalate	63	U	360	63	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	360	58	ug/Kg
86-73-7	Fluorene	62	U	360	62	ug/Kg
100-01-6	4-Nitroaniline	62	U	920	62	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	71	U	920	71	ug/Kg
86-30-6	N-Nitrosodiphenylamine	60	U	360	60	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55	U	360	55	ug/Kg
118-74-1	Hexachlorobenzene	58	U	360	58	ug/Kg
1912-24-9	Atrazine	56	U	360	56	ug/Kg
87-86-5	Pentachlorophenol	85	U	920	85	ug/Kg
85-01-8	Phenanthrene	240	J	360	58	ug/Kg
120-12-7	Anthracene	55	U	360	55	ug/Kg
86-74-8	Carbazole	56	U	360	56	ug/Kg
84-74-2	Di-n-butylphthalate	56	U	360	56	ug/Kg
206-44-0	Fluoranthene	410		360	54	ug/Kg
129-00-0	Pyrene	900		360	65	ug/Kg
85-68-7	Butylbenzylphthalate	73	J	360	59	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	360	62	ug/Kg
56-55-3	Benzo(a)anthracene	260	J	360	51	ug/Kg
218-01-9	Chrysene	330	J	360	66	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	480	B	360	70	ug/Kg
117-84-0	Di-n-octyl phthalate	62	U	360	62	ug/Kg
205-99-2	Benzo(b)fluoranthene	770		360	40	ug/Kg
207-08-9	Benzo(k)fluoranthene	290	J	360	80	ug/Kg
50-32-8	Benzo(a)pyrene	270	J	360	58	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-16(0-4)RE	**SDG No.:**	X2221
Lab Sample ID:	X2221-10RE	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	10
Sample Wt/Vol:	30.2 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030613.D	1	4/5/2006	4/9/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	46	U	360	46	ug/Kg
53-70-3	Dibenz(a,h)anthracene	46	U	360	46	ug/Kg
191-24-2	Benzo(g,h,i)perylene	60	U	360	60	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	249.82	83 %	25 - 121		SPK: 30
13127-88-3	Phenol-d5	265.93	89 %	24 - 113		SPK: 30
	2-Chlorophenol-d4	284.84	95 %	20 - 130		SPK: 30
	1,2-Dichlorobenzene-d4	192.34	96 %	20 - 130		SPK: 20
4165-60-0	Nitrobenzene-d5	163.36	82 %	23 - 120		SPK: 20
321-60-8	2-Fluorobiphenyl	208.16	104 %	30 - 116		SPK: 20
118-79-6	2,4,6-Tribromophenol	336.36	112 %	19 - 122		SPK: 30
1718-51-0	Terphenyl-d14	597.59	299 %	18 - 137		SPK: 20
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	222398	6.72			
1146-65-2	Naphthalene-d8	826600	9.04			
15067-26-2	Acenaphthene-d10	443487	12.53			
1517-22-2	Phenanthrene-d10	508428	15.53			
1719-03-5	Chrysene-d12	172306	20.91			
1520-96-3	Perylene-d12	23402	24.38			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	4/3/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	4/4/2006
Client Sample ID:	GE-53-7(3.5)	**SDG No.:**	X2221
Lab Sample ID:	X2221-12	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	4
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030566.D	1	4/5/2006	4/7/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	70	U	340	70	ug/Kg
108-95-2	Phenol	52	U	340	52	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54	U	340	54	ug/Kg
95-57-8	2-Chlorophenol	55	U	340	55	ug/Kg
95-48-7	2-Methylphenol	57	U	340	57	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	55	U	340	55	ug/Kg
98-86-2	Acetophenone	50	U	340	50	ug/Kg
106-44-5	3+4-Methylphenols	54	U	340	54	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	57	U	340	57	ug/Kg
67-72-1	Hexachloroethane	58	U	340	58	ug/Kg
98-95-3	Nitrobenzene	75	U	340	75	ug/Kg
78-59-1	Isophorone	52	U	340	52	ug/Kg
88-75-5	2-Nitrophenol	53	U	340	53	ug/Kg
105-67-9	2,4-Dimethylphenol	54	U	340	54	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	56	U	340	56	ug/Kg
120-83-2	2,4-Dichlorophenol	63	U	340	63	ug/Kg
91-20-3	Naphthalene	59	U	340	59	ug/Kg
106-47-8	4-Chloroaniline	41	U	340	41	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	340	53	ug/Kg
105-60-2	Caprolactam	55	U	340	55	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	340	47	ug/Kg
91-57-6	2-Methylnaphthalene	57	U	340	57	ug/Kg
77-47-4	Hexachlorocyclopentadiene	55	U	340	55	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	340	50	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52	U	860	52	ug/Kg
92-52-4	1,1-Biphenyl	57	U	340	57	ug/Kg
91-58-7	2-Chloronaphthalene	57	U	340	57	ug/Kg
88-74-4	2-Nitroaniline	44	U	860	44	ug/Kg
131-11-3	Dimethylphthalate	55	U	340	55	ug/Kg
208-96-8	Acenaphthylene	56	U	340	56	ug/Kg
606-20-2	2,6-Dinitrotoluene	49	U	340	49	ug/Kg

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N = Presumptive Evidence of a Compound

SEVERN TRENT STL

STL Edison
777 New Durham Road
Edison, NJ 08817

Tel 732 549 3900 Fax 732 549 3679
www.stl-inc.com

05/18/2004

STV Incorporated
225 Park Avenue South
New York, NY 10003

Attention: Mr. Jeff Butler

Laboratory Results
Job No. C477 - E. Side Access

Dear Mr. Butler:

Enclosed are the results you requested for the following sample(s) received at our laboratory on April 22, 2004.

Lab No.	Client ID	Analysis Required
522009	GE-53-9-1	TCL VOA+10
522010	GE-53-9-0-4	TCL BNA+20
		PCBs
		Pb
		TCLP Metals
522011	GE-53-10-1	TCL VOA+10
522012	GE-53-10-0-4	TCL BNA+20
		PCBs
		Pb
		TCLP Metals

If you have any questions please contact your Project Manager, Joy Kelly, at (732) 549-3900.

Very Truly Yours,

Michael J. Urban

Michael J. Urban
Laboratory Manager

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Moun. .side, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO. X2221

COC Number 058401

CLIENT INFORMATION (REPORT TO BE SENT TO:)

COMPANY: GEC
ADDRESS: 469 7th Ave 14th Fl
CITY: NY STATE: NY ZIP: 10018
ATTENTION: Romana Narozniak
PHONE: (212) 643-2412 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: same as client info
PROJECT NO.: LOCATION: Sunnyside Yard
PROJECT MANAGER: Romana Narozniak
e-mail: rnarozni@nita-ese.org
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: SAME AS Client-INFO PO#:
ADDRESS:
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: ____ DAYS *
HARD COPY: 10 days (standard) DAYS *
EDD: ____ DAYS *
* TO BE APPROVED BY CHEMTECH
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- [X] RESULTS ONLY
- [ ] RESULTS + QC
- [ ] New Jersey REDUCED
- [ ] New Jersey CLP
- [ ] EDD FORMAT ____
- [ ] USEPA CLP
- [ ] New York State ASP "B"
- [ ] New York State ASP "A"
- [ ] Other ____

ANALYSIS

1 TCL VOCs; 2 TCL SVOCs; 3 TCL PCBs; 4 RCRA Metals; 5; 6; 7; 8; 9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1. 1	GE-31-6 (3')	S		X	4/3	9[illegible]	1	X									
2. 2	GE-31-6 (0-5')	S	X		4/3	945	1		X	X	X						
3. 3	GE-53-1 (3')	S		X	4/3	1030	1	X									
4. 4	GE-53-1 (0-5')	S	X		4/3	1050	1		X	X	X						
~~5~~ 6	~~GE-53-4 (2.5')~~ GE-53-4 (10-8.5')	~~S~~ S	~~X~~ X	~~X~~	~~4/3~~ 4/3	~~11 15~~ 11 55	~~1~~ 1	~~X~~	~~X~~ X	~~X~~ X	~~X~~ X						
7	GE-53-6 (3')	S		X	4/3	12 15	1	X									
8	GE-53-6 (0-5')	S	X		4/3	12 30	1		X	X	X						
~~9~~ 10	~~GE-53-16 (5')~~ GE-53-16 (0-4')	~~S~~ S	~~X~~ X	~~X~~	~~4/3~~ 4/3	~~12 40~~ 12 45	~~1~~ 1	~~X~~	~~X~~ X	~~X~~ X	~~X~~ X						
11	GE-53-7 (2.5')	S		X	4/3	12 55	1	X									
12	GE-53-7 (3.5')	S	X		4/3	13[illegible]			X	X	X						

COMMENTS — Specify Preservatives
A – HCl B – HNO_3 C – H_2SO_4 D – NaOH E – ICE F – Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. Romana Narozniak	4/3 1430	1.
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:
2. [illegible]		2.
RELINQUISHED BY:	DATE/TIME: 4/4/06	RECEIVED FOR LAB BY:
3. FedEx		3.

Conditions of bottles or coolers at receipt: [X] Compliant [ ] Non Compliant Cooler Temp. 4°C
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments:
Ice in Cooler?: Yes

Page 1 of 1

SHIPPED VIA: CLIENT: [ ] HAND DELIVERED [X] OVERNIGHT
CHEMTECH: [ ] PICKED UP [X] OVERNIGHT

Shipment Complete: [X] YES [ ] NO

This is the Last Page of the Document 642

Sample Data Summary Package

SDG: C477

Site: E. Side Access

Lab/Client ID Cross Referrence

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE IDENTIFICATION AND ANALYTICAL REQUIREMENT SUMMARY

Customer Sample Code	Laboratory Sample Code	Analytical Requirements					
		*VOA GC/MS Method 8260B	*BNA GC/MS Method 8270C	*VOA GC Method	*PEST PCBs Method 8082	*Metals Method SW-846	*Other
GE-53-9-1	522009	❖				❖	
GE-53-9-1MS	522009MS	❖					
GE-53-9-1MSD	522009SD	❖					
GE-53-9-0-4	522010		❖		❖	❖	
GE-53-9-0-4MS	522010MS		❖				
GE-53-9-0-4MSD	522010SD		❖				
GE-53-10-1	522011	❖				❖	
GE-53-10-0-4	522012		❖		❖	❖	

Sample Preparation and Analysis Summary

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
VOLATILE (VOA)
ANALYSES

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
522009	SOLID	4/21/04	4/22/04		4/26/04
522009MS	SOLID	4/21/04	4/22/04		4/26/04
522009SD	SOLID	4/21/04	4/22/04		4/26/04
522011	SOLID	4/21/04	4/22/04		4/27/04

10/95

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
SEMIVOLATILE (BNA)
ANALYSES

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
522010	SOLID	4/21/04	4/22/04	4/23/04	4/24/04
522010MS	SOLID	4/21/04	4/22/04	4/23/04	4/24/04
522010SD	SOLID	4/21/04	4/22/04	4/23/04	4/24/04
522012	SOLID	4/21/04	4/22/04	4/23/04	4/24/04

10/95

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
SEMIVOLATILE (BNA)
ANALYSES

Laboratory Sample ID	Matrix	Analytical Protocol	Extraction Method	Auxiliary Cleanup	Dil/Conc Factor
522010	SOLID	1989 NYSDEC ASP - Revision 10/95	Liquid-Liquid		1.00
522010MS	SOLID	1989 NYSDEC ASP - Revision 10/95	Liquid-Liquid		1.00
522010SD	SOLID	1989 NYSDEC ASP - Revision 10/95	Liquid-Liquid		1.00
522012	SOLID	1989 NYSDEC ASP - Revision 10/95	Liquid-Liquid		1.00

10/95

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY
PESTICIDE/PCB
ANALYSES

Laboratory Sample ID	Matrix	Date Collected	Date Rec'd at Lab	Date Extracted	Date Analyzed
522010	SOLID	4/21/04	4/22/04	4/23/04	4/26/04
522012	SOLID	4/21/04	4/22/04	4/23/04	4/26/04

10/95

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY INORGANIC ANALYSES

Laboratory Sample ID	Matrix	Parameters	Date Rec'd at Lab	Date Analyzed
522009	SOLID	% SOLIDS	4/22/04	4/27/04
522010	SOLID	% SOLIDS	4/22/04	4/23/04
522010	SOLID	LEAD	4/22/04	4/30/04
522010	SOLID	TCLP ARSENIC	4/22/04	4/28/04
522010	SOLID	TCLP BARIUM	4/22/04	4/28/04
522010	SOLID	TCLP CADMIUM	4/22/04	4/28/04
522010	SOLID	TCLP CHROMIUM	4/22/04	4/28/04
522010	SOLID	TCLP LEAD	4/22/04	4/28/04
522010	SOLID	TCLP MERCURY	4/22/04	4/27/04
522010	SOLID	TCLP PREP	4/22/04	4/26/04
522010	SOLID	TCLP SELENIUM	4/22/04	4/28/04
522010	SOLID	TCLP SILVER	4/22/04	4/28/04
522011	SOLID	% SOLIDS	4/22/04	4/27/04
522012	SOLID	% SOLIDS	4/22/04	4/23/04
522012	SOLID	LEAD	4/22/04	4/30/04
522012	SOLID	TCLP ARSENIC	4/22/04	4/28/04
522012	SOLID	TCLP BARIUM	4/22/04	4/28/04
522012	SOLID	TCLP CADMIUM	4/22/04	4/28/04
522012	SOLID	TCLP CHROMIUM	4/22/04	4/28/04

10/95

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

SAMPLE PREPARATION AND ANALYSIS SUMMARY INORGANIC ANALYSES

Laboratory Sample ID	Matrix	Parameters	Date Rec'd at Lab	Date Analyzed
522012	SOLID	TCLP LEAD	4/22/04	4/28/04
522012	SOLID	TCLP MERCURY	4/22/04	4/27/04
522012	SOLID	TCLP PREP	4/22/04	4/26/04
522012	SOLID	TCLP SELENIUM	4/22/04	4/28/04
522012	SOLID	TCLP SILVER	4/22/04	4/28/04

10/95

Non-Conformance Summary

SEVERN TRENT STL

SDG NARRATIVE

STL EDISON

SDG No. C477

STL Edison Sample	Client ID
522009	GE-53-9-1
522009MS	GE-53-9-1MS
522009SD	GE-53-9-1MSD
522010	GE-53-9-0-4
522010MS	GE-53-9-0-4MS
522010SD	GE-53-9-0-4MSD
522011	GE-53-10-1
522012	GE-53-10-0-4

Sample Receipt:

Sample delivery conforms with requirements.

Volatile Organic Analysis (GC/MS):

Soil blank KV117 contains 0.4 ppb of Methylene Chloride. Sample results are flagged with a B qualifier.

Soil blank KV118 contains 3.4 ppb of Methylene Chloride. Sample results are flagged with a B qualifier.

Base/Neutral and/or Acid Extractable Organics (GC/MS):

All data conforms with method requirements.

Pesticides/PCBs:

All data conforms with method requirements.

Metals:

All data conforms with method requirements.

I certify that this data package is in compliance with the protocols in NYSDEC ASP B both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this package has been authorized by the Laboratory Manager or his designee

Michael J. Urban

Michael J.Urban
Laboratory Manager

Results/QC Summary

VOLATILE SYSTEM MONITORING COMPOUND RECOVERY
METHOD 8260B

Matrix: SOIL Level: LOW Lab Job No: C477

	LAB SAMPLE NO.	S1 #	S2 #	S3 #	OTHER	TOT OUT
01	7006BS	87	94	86		0
02	KV113	107	128	116		0
03	KV117	86	95	104		0
04	522009	90	94	109		0
05	522009MS	98	90	107		0
06	522009MSD	91	87	98		0
07	KV118	101	106	124		0
08	522011	94	95	109		0
09						
10						
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12						
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		QC LIMITS
S1	= 1,2-Dichloroethane-d4	(54-153)
S2	= Toluene-d8	(60-142)
S3	= Bromofluorobenzene	(57-155)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
METHOD 8260B

Matrix: SOIL

Level: LOW

Matrix Spike - Lab Sample No.: 522009

MS Sample from Lab Job No: C477

QA Batch: 7006

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
1,1-Dichloroethene	57	0.00	48	84	59-129
Trichloroethene	57	0.00	47	82	64-129
Benzene	57	0.00	51	89	70-129
Toluene	57	0.00	51	89	74-133
Chlorobenzene	57	0.00	45	79	72-131

Compound	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1-Dichloroethene	57	50	88	4	40	59-129
Trichloroethene	57	48	84	2	40	64-129
Benzene	57	51	89	0	40	70-129
Toluene	57	51	89	0	40	74-133
Chlorobenzene	57	46	81	2	40	72-131

Column to be used to flag recovery and RPD values with an asterik
* Values outside of QC limits
RPD: 0 out of 5 outside limits
Spike Recovery: 0 out of 10 outside limits

COMMENTS:

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab File ID (Standard): K39725 Date Analyzed: 04/22/04

Instrument ID: VOAMS9 Time Analyzed: 1243

		IS1 AREA #	RT #	IS2(CBZ) AREA #	RT #	IS3(DCB) AREA #	RT #
	12 HOUR STD	2842014	9.34	1749353	12.86	928951	15.35
	UPPER LIMIT	5684028	9.84	3498706	13.36	1857902	15.85
	LOWER LIMIT	1421007	8.84	874676	12.36	464476	14.85
	LABORATORY SAMPLE NO.						
01	7006BS	2965975	9.33	1811091	12.85	821191	15.35
02	KV113	2973960	9.30	1725042	12.83	802540	15.33
03							
04							
05							
06							
07							
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18							
19							
20							
21							
22							

IS1 = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab File ID (Standard): K39761 Date Analyzed: 04/26/04

Instrument ID: VOAMS9 Time Analyzed: 1053

		IS1 AREA #	RT #	IS2 (CBZ) AREA #	RT #	IS3 (DCB) AREA #	RT #
	12 HOUR STD	2808542	9.42	1681396	12.95	756237	15.44
	UPPER LIMIT	5617084	9.92	3362792	13.45	1512474	15.94
	LOWER LIMIT	1404271	8.92	840698	12.45	378118	14.94
	LABORATORY SAMPLE NO.						
01	KV117	2718216	9.41	1543183	12.94	553253	15.42
02	522009	3917012	9.42	2291430	12.94	782876	15.43
03	522009MS	2771097	9.42	1596401	12.94	510030	15.43
04	522009MSD	2976624	9.41	1769658	12.93	635194	15.41
05							
06							
07							
08							
09							
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11							
12							
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15							
16							
17							
18							
19							
20							
21							
22							

IS1 = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab File ID (Standard): K39790 Date Analyzed: 04/27/04

Instrument ID: VOAMS9 Time Analyzed: 1020

		IS1 AREA	#	RT	#	IS2(CBZ) AREA	#	RT	#	IS3(DCB) AREA	#	RT	#
	12 HOUR STD	2706864		9.50		1776600		13.03		837127		15.53	
	UPPER LIMIT	5413728		10.00		3553200		13.53		1674254		16.03	
	LOWER LIMIT	1353432		9.00		888300		12.53		418564		15.03	
	LABORATORY SAMPLE NO.												
01	KV118	2182618		9.49		1302947		13.01		473429		15.52	
02	522011	2905677		9.50		1638668		13.03		554328		15.52	
03													
04													
05													
06													
07													
08													
09													
10													
11													
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13													
14													
15													
16													
17													
18													
19													
20													
21													
22													

IS1 = Fluorobenzene
IS2 (CBZ) = Chlorobenzene-d5
IS3 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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SEMI-VOLATILE SURROGATE RECOVERY
METHOD 8270C

Matrix: SOIL Level: LOW Lab Job No: C477

	LAB SAMPLE NO.	S1 #	S2 #	S3 #	S4 #	S5 #	S6 #	TOT OUT
01	0934BS	81	87	94	93	92	95	0
02	SB114	80	86	54	87	82	84	0
03	522010	70	77	65	80	79	86	0
04	522010MS	80	85	78	90	88	90	0
05	522010MSD	78	81	81	88	84	92	0
06	522012	76	84	67	90	88	93	0
07								
08								
09								
10								
11								
12								
13								
14								
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19								
20								
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26								
27								
28								
29								
30								

		QC LIMITS
S1	= 2-Fluorophenol	(34-113)
S2	= Phenol-d5	(40-120)
S3	= 2,4,6-Tribromophenol	(18-160)
S4	= Nitrobenzene-d5	(28-135)
S5	= 2-Fluorobiphenyl	(29-151)
S6	= Terphenyl-d14	(28-173)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D System Monitoring Compound diluted out

SEMI-VOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
METHOD 8270C

Matrix: SOIL

Level: LOW

Matrix Spike - Lab Sample No.: 522010

MS Sample from Lab Job No: C477

QA Batch: 0934

Compound	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC #	QC. LIMITS REC.
Phenol	7400	0.00	5900	80	59-106
2-Chlorophenol	7400	0.00	6400	86	55-114
4-Chloro-3-methylphenol	7400	0.00	6900	93	56-116
4-Nitrophenol	7400	0.00	6100	82	16-145
Pentachlorophenol	7400	0.00	3200	43	5-137
1,4-Dichlorobenzene	3700	0.00	2900	78	40-104
N-Nitroso-di-n-propylami	3700	0.00	3200	86	51-118
1,2,4-Trichlorobenzene	3700	0.00	3400	92	42-117
Acenaphthene	3700	0.00	3200	86	46-118
2,4-Dinitrotoluene	3700	0.00	3200	86	49-127
Pyrene	3700	190	3500	89	46-132

Compound	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Phenol	7400	5900	80	0	40	59-106
2-Chlorophenol	7400	6200	84	3	40	55-114
4-Chloro-3-methylphenol	7400	7000	95	1	40	56-116
4-Nitrophenol	7400	6100	82	0	40	16-145
Pentachlorophenol	7400	3600	49	12	40	5-137
1,4-Dichlorobenzene	3700	2800	76	4	40	40-104
N-Nitroso-di-n-propylami	3700	3100	84	3	40	51-118
1,2,4-Trichlorobenzene	3700	3300	89	3	40	42-117
Acenaphthene	3700	3100	84	3	40	46-118
2,4-Dinitrotoluene	3700	3400	92	6	40	49-127
Pyrene	3700	3800	98	9	40	46-132

Column to be used to flag recovery and RPD values with an asterik
* Values outside of QC limits
RPD: 0 out of 11 outside limits
Spike Recovery: 0 out of 22 outside limits

COMMENTS: _____

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab File ID (Standard): AA0631 Date Analyzed: 04/24/04

Instrument ID: BNAMS8 Time Analyzed: 1635

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (CRY) AREA #	RT #
	12 HOUR STD	182221	8.02	612608	9.90	453746	16.76
	UPPER LIMIT	364442	8.52	1225216	10.40	907492	17.26
	LOWER LIMIT	91110	7.52	306304	9.40	226873	16.26
	LABORATORY SAMPLE NO.						
01	0934BS	178328	8.02	643546	9.91	537229	16.76
02	SB114	164986	8.02	592218	9.89	547262	16.75
03	522010	163591	8.02	570448	9.89	500791	16.75
04	522010MS	180580	8.02	639769	9.90	498994	16.76
05	522010MSD	173541	8.02	609202	9.90	520145	16.76
06	522012	172564	8.01	590837	9.89	499045	16.75
07							
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18							
19							
20							
21							
22							

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (CRY) = Chrysene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab File ID (Standard): AA0631 Date Analyzed: 04/24/04

Instrument ID: BNAMS8 Time Analyzed: 1635

		IS4(ANT) AREA	#	RT	#	IS5(PHN) AREA	#	RT	#	IS6(PRY) AREA	#	RT	#
	12 HOUR STD	323076		12.47		483335		14.15		550824		19.20	
	UPPER LIMIT	646152		12.97		966670		14.65		1101648		19.70	
	LOWER LIMIT	161538		11.97		241668		13.65		275412		18.70	
	LABORATORY SAMPLE NO.												
01	0934BS	335151		12.47		571627		14.15		581228		19.20	
02	SB114	338228		12.46		552707		14.15		561527		19.19	
03	522010	309582		12.45		512493		14.15		536155		19.19	
04	522010MS	344731		12.46		564609		14.16		549642		19.20	
05	522010MSD	345457		12.47		556581		14.15		561033		19.21	
06	522012	313961		12.45		523889		14.15		519985		19.19	
07													
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22													

IS4 (ANT) = Acenaphthene-d10
IS5 (PHN) = Phenanthrene-d10
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = - 50% of internal standard area
RT UPPER LIMIT = + 0.50 minutes of internal standard RT
RT LOWER LIMIT = - 0.50 minutes of internal standard RT

Column used to flag internal standard area values with an asterisk.
* Values outside of QC limits.

GC ORGANICS SURROGATE RECOVERY

Matrix: SOIL Level: LOW Lab Job No: C477

	LABORATORY SAMPLE NO.	S1 1 %REC #	S1 2 %REC #	TOT OUT
01	522010	82		0
02	522012	79		0
03	SP114B	100		0
04				
05				
06				
07				
08				
09				
10				
11				
12				
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27				
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29				
30				

		ADVISORY QC LIMITS
S1	= Decachlorobiphenyl(sur	(59-171)

\# Column to be used to flag recovery values
* Values outside of advisory QC limits
D Surrogate diluted out
R Surrogate removed during H2SO4 cleanup procedure
** Not detected due to coeluting interference

GC ORGANICS SURROGATE RECOVERY

Matrix: SOIL Level: LOW Lab Job No: QA0759

	LABORATORY SAMPLE NO.	S1 1 %REC	#	S1 2 %REC	#	TOT OUT
01	0759BS	98				0
02	521319MS	102				0
03	521319MSD	102				0
04	521319	110		124		0
05						
06						
07						
08						
09						
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30						

ADVISORY QC LIMITS

S1 = Decachlorobiphenyl(sur (59-171)

\# Column to be used to flag recovery values
* Values outside of advisory QC limits
D Surrogate diluted out
R Surrogate removed during H2SO4 cleanup procedure
** Not detected due to coeluting interference

GC MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY
METHOD 8082

Matrix: SOIL

Level: LOW

Matrix Spike - Lab Sample No.: 521319

MS Sample from Lab Job No: C306

QA Batch: 0759

Compound	SPIKE ADDED (ug/kg)	SAMPLE CONCENTRATION (ug/kg)	MS CONCENTRATION (ug/kg)	MS % REC #	QC. LIMITS REC.
Aroclor-1016	350	0.00	420	120	61-149
Aroclor-1260	350	320	590	77	61-160

Compound	SPIKE ADDED (ug/kg)	MSD CONCENTRATION (ug/kg)	MSD % REC #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Aroclor-1016	350	450	129	7	22	61-149
Aroclor-1260	350	600	80	4	21	61-160

Column to be used to flag recovery and RPD values with an asterik
* Values outside of QC limits
RPD: 0 out of 2 outside limits
Spike Recovery: 0 out of 4 outside limits

COMMENTS: _____

GC BLANK SPIKE RECOVERY
METHOD 8082

QA Batch: 0759

Compound	SPIKE ADDED (ug/kg)	BS CONCENTRATION (ug/kg)	BS % REC.	QC. LIMITS REC.
Aroclor-1016	330	380	115	61-149
Aroclor-1260	330	340	103	61-160

Column to be used to flag recovery values with an asterik

Spike Recovery: 0 out of 2 outside limits

SPIKE SAMPLE RECOVERY

LAB SAMPLE NO.

BSL042704

Lab Name: STL_EDISON

Lab Code: 12028 Lab Job No.: C477 Batch No.: 16052

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum									NR
Antimony	80-120	988.2000		4.5400	U	1000.00	98.8		P
Arsenic	80-120	4983.5370		3.5500	U	5000.00	99.7		P
Barium	80-120	9455.0880		7.5000	U	10000.00	94.6		P
Beryllium									NR
Cadmium	80-120	989.3630		0.3700	U	1000.00	98.9		P
Calcium									NR
Chromium	80-120	4879.6040		1.1000	U	5000.00	97.6		P
Cobalt									NR
Copper	80-120	950.3200		2.7000	U	1000.00	95.0		P
Iron									NR
Lead	80-120	4930.8350		2.0700	U	5000.00	98.6		P
Magnesium									NR
Manganese									NR
Mercury	80-120	5.6700		0.1000	U	5.00	113.4		CV
Nickel	80-120	994.2490		1.3900	U	1000.00	99.4		P
Potassium									NR
Selenium	80-120	1022.7930		4.5300	U	1000.00	102.3		P
Silver	80-120	469.2480		1.1200	U	500.00	93.8		P
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc	80-120	1007.1880		5.1800	U	1000.00	100.7		P
Molybdenu									NR

Comments:

SPIKE SAMPLE RECOVERY

LAB SAMPLE NO.

522010MS

Lab Name: STL_EDISON

Lab Code: 12028 Lab Job No.: C477 Batch No.: 16052

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum									NR
Antimony	80-120	995.8500		34.4000	B	1000.00	96.1		P
Arsenic	80-120	5022.4000		17.7500	U	5000.00	100.4		P
Barium	80-120	11132.0350		1574.0900		10000.00	95.6		P
Beryllium									NR
Cadmium	80-120	1007.0150		2.8350	B	1000.00	100.4		P
Calcium									NR
Chromium	80-120	4877.7300		16.0950	B	5000.00	97.2		P
Cobalt									NR
Copper	80-120	979.4250		25.2900	B	1000.00	95.4		P
Iron									NR
Lead	80-120	5075.9100		89.4150	B	5000.00	99.7		P
Magnesium									NR
Manganese									NR
Mercury	80-120	5.6400		0.1000	U	5.00	112.8		CV
Nickel	80-120	1019.3000		42.8100	B	1000.00	97.6		P
Potassium									NR
Selenium	80-120	1001.8800		22.6500	U	1000.00	100.2		P
Silver	80-120	476.0500		5.6000	U	500.00	95.2		P
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc	80-120	1613.4800		640.7950		1000.00	97.3		P
Molybdenu									NR

Comments:

LAB SAMPLE NO.

SPIKE SAMPLE RECOVERY

BSS042904

Lab Name: STL_EDISON

Lab Code: 12028 Lab Job No.: C477 Batch No.: 16071

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum									NR
Antimony									NR
Arsenic	75-125	191.7960		0.3600	U	200.00	95.9		P
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron									NR
Lead	75-125	47.7469		0.2100	U	50.00	95.5		P
Magnesium									NR
Manganese									NR
Mercury									NR
Nickel									NR
Potassium									NR
Selenium									NR
Silver									NR
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Molybdenu									NR

Comments:

SPIKE SAMPLE RECOVERY

LAB SAMPLE NO.

522012MS

Lab Name: STL_EDISON

Lab Code: 12028_ Lab Job No.: C477 Batch No.: 16071_

Matrix (soil/water): SOIL__ Level (low/med): LOW___

% Solids for Sample: _89.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum									NR
Antimony									NR
Arsenic	75-125	206.3982		2.9081		224.22	90.8		P
Barium									NR
Beryllium									NR
Cadmium									NR
Calcium									NR
Chromium									NR
Cobalt									NR
Copper									NR
Iron									NR
Lead	75-125	71.6175		26.3621		56.05	80.7		P
Magnesium									NR
Manganese									NR
Mercury									NR
Nickel									NR
Potassium									NR
Selenium									NR
Silver									NR
Sodium									NR
Thallium									NR
Vanadium									NR
Zinc									NR
Molybdenu									NR

Comments:

DUPLICATES

LAB SAMPLE NO.

522010D

Lab Name: STL_EDISON

Lab Code: 12028 Lab Job No.: C477 Batch No.: 16052

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum								NR
Antimony		34.4000	B	22.7000	U	200.0		P
Arsenic		17.7500	U	23.0700	B	200.0		P
Barium		1574.0900		1524.5200		3.2		P
Beryllium								NR
Cadmium		2.8350	B	2.2150	B	24.6		P
Calcium								NR
Chromium		16.0950	B	5.5000	U	200.0		P
Cobalt								NR
Copper	25.0	25.2900	B	15.0450	B	50.8		P
Iron								NR
Lead	25.0	89.4150	B	83.6700	B	6.6		P
Magnesium								NR
Manganese								NR
Mercury		0.1000	U	0.1000	U			CV
Nickel	40.0	42.8100	B	18.4750	B	79.4		P
Potassium								NR
Selenium		22.6500	U	22.6500	U			P
Silver		5.6000	U	5.6000	U			P
Sodium								NR
Thallium								NR
Vanadium								NR
Zinc		640.7950		603.0000		6.1		P
Molybdenu								NR

DUPLICATES

LAB SAMPLE NO.

LCSSD044-D

Lab Name: STL_EDISON

Lab Code: 12028 Lab Job No.: C477 Batch No.: 16071

Matrix (soil/water): SOIL Level (low/med): LOW

% Solids for Sample: 100.0 % Solids for Duplicate: 100.0

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum								NR
Antimony								NR
Arsenic		88.4784		87.2116		1.4		P
Barium								NR
Beryllium								NR
Cadmium								NR
Calcium								NR
Chromium								NR
Cobalt								NR
Copper								NR
Iron								NR
Lead		112.6664		109.5552		2.8		P
Magnesium								NR
Manganese								NR
Mercury								NR
Nickel								NR
Potassium								NR
Selenium								NR
Silver								NR
Sodium								NR
Thallium								NR
Vanadium								NR
Zinc								NR
Molybdenu								NR

DUPLICATES

LAB SAMPLE NO.

522012D

Lab Name: STL_EDISON

Lab Code: 12028_ Lab Job No.: __C477

Batch No.: 16071_

Matrix (soil/water): SOIL_

Level (low/med): _LOW__

% Solids for Sample: _89.2

% Solids for Duplicate: __89.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum								NR
Antimony								NR
Arsenic		2.9081		2.9513		1.5		P
Barium								NR
Beryllium								NR
Cadmium								NR
Calcium								NR
Chromium								NR
Cobalt								NR
Copper								NR
Iron								NR
Lead		26.3621		24.4374		7.6		P
Magnesium								NR
Manganese								NR
Mercury								NR
Nickel								NR
Potassium								NR
Selenium								NR
Silver								NR
Sodium								NR
Thallium								NR
Vanadium								NR
Zinc								NR
Molybdenu								NR

LABORATORY CONTROL SAMPLE

Lab Name: STL_EDISON_____ _____

Lab Code: 12028_ Lab Job No.: __C477 _____ Batch No.: 16071_

Solid LCS Source: ERA_____

Aqueous LCS Source: _____

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Aluminum									
Antimony									
Arsenic				95.9	88.5		76.5	115.0	92.3
Barium									
Beryllium									
Cadmium									
Calcium									
Chromium									
Cobalt									
Copper									
Iron									
Lead				121.0	112.7		97.5	145.0	93.1
Magnesium									
Manganese									
Mercury									
Nickel									
Potassium									
Selenium									
Silver									
Sodium									
Thallium									
Vanadium									
Zinc									
Molybdenu									

Analytical Results Summary

Client ID: GE-53-9-1
Site: E. Side Access

Lab Sample No: 522009
Lab Job No: C477

Date Sampled: 04/21/04
Date Received: 04/22/04
Date Analyzed: 04/26/04
GC Column: DB624
Instrument ID: VOAMS9.i
Lab File ID: k39768.d

Matrix: SOIL
Level: LOW
Sample Weight: 5.0 g
Purge Volume: 5.0 ml
% Moisture: 15

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Chloromethane	ND	5.8
Bromomethane	ND	5.8
Vinyl Chloride	ND	5.8
Chloroethane	ND	5.8
Methylene Chloride	0.6JB	3.5
Acetone	25	5.8
Carbon Disulfide	ND	5.8
1,1-Dichloroethene	ND	2.3
1,1-Dichloroethane	ND	5.8
trans-1,2-Dichloroethene	ND	5.8
cis-1,2-Dichloroethene	ND	5.8
Chloroform	ND	5.8
1,2-Dichloroethane	ND	2.3
2-Butanone	ND	5.8
1,1,1-Trichloroethane	ND	5.8
Carbon Tetrachloride	ND	2.3
Bromodichloromethane	ND	1.2
1,2-Dichloropropane	ND	1.2
cis-1,3-Dichloropropene	ND	5.8
Trichloroethene	ND	1.2
Dibromochloromethane	ND	5.8
1,1,2-Trichloroethane	ND	3.5
Benzene	ND	1.2
trans-1,3-Dichloropropene	ND	5.8
Bromoform	ND	4.7
4-Methyl-2-Pentanone	ND	5.8
2-Hexanone	ND	5.8
Tetrachloroethene	ND	1.2
1,1,2,2-Tetrachloroethane	ND	1.2
Toluene	ND	5.8
Chlorobenzene	ND	5.8
Ethylbenzene	ND	4.7
Styrene	ND	5.8
Xylene (Total)	ND	5.8

Client ID: GE-53-9-1
Site: E. Side Access

Lab Sample No: 522009
Lab Job No: C477

Date Sampled: 04/21/04
Date Received: 04/22/04
Date Analyzed: 04/26/04
GC Column: DB624
Instrument ID: VOAMS9.i
Lab File ID: k39768.d

Matrix: SOIL
Level: LOW
Sample Weight: 5.0 g
Purge Volume: 5.0 ml
% Moisture: 14.9

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1.	NO VOLATILE ORGANIC COMPOUNDS FOUND			
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	0.0

Client ID: GE-53-10-1
Site: E. Side Access

Lab Sample No: 522011
Lab Job No: C477

Date Sampled: 04/21/04
Date Received: 04/22/04
Date Analyzed: 04/27/04
GC Column: DB624
Instrument ID: VOAMS9.i
Lab File ID: k39798.d

Matrix: SOIL
Level: LOW
Sample Weight: 5.0 g
Purge Volume: 5.0 ml
% Moisture: 13

VOLATILE ORGANICS - GC/MS
METHOD 8260B

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Chloromethane	ND	5.8
Bromomethane	ND	5.8
Vinyl Chloride	ND	5.8
Chloroethane	ND	5.8
Methylene Chloride	0.5JB	3.5
Acetone	52	5.8
Carbon Disulfide	ND	5.8
1,1-Dichloroethene	0.8J	2.3
1,1-Dichloroethane	ND	5.8
trans-1,2-Dichloroethene	ND	5.8
cis-1,2-Dichloroethene	ND	5.8
Chloroform	ND	5.8
1,2-Dichloroethane	ND	2.3
2-Butanone	8.1	5.8
1,1,1-Trichloroethane	ND	5.8
Carbon Tetrachloride	ND	2.3
Bromodichloromethane	ND	1.2
1,2-Dichloropropane	ND	1.2
cis-1,3-Dichloropropene	ND	5.8
Trichloroethene	ND	1.2
Dibromochloromethane	ND	5.8
1,1,2-Trichloroethane	ND	3.5
Benzene	ND	1.2
trans-1,3-Dichloropropene	ND	5.8
Bromoform	ND	4.6
4-Methyl-2-Pentanone	ND	5.8
2-Hexanone	ND	5.8
Tetrachloroethene	ND	1.2
1,1,2,2-Tetrachloroethane	ND	1.2
Toluene	ND	5.8
Chlorobenzene	ND	5.8
Ethylbenzene	ND	4.6
Styrene	ND	5.8
Xylene (Total)	1.4J	5.8

Client ID: GE-53-10-1
Site: E. Side Access

Lab Sample No: 522011
Lab Job No: C477

Date Sampled: 04/21/04
Date Received: 04/22/04
Date Analyzed: 04/27/04
GC Column: DB624
Instrument ID: VOAMS9.i
Lab File ID: k39798.d

Matrix: SOIL
Level: LOW
Sample Weight: 5.0 g
Purge Volume: 5.0 ml
% Moisture: 13.4

VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8260B

	COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1.	Unknown	5.41	12	
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION 12

Client ID: **GE-53-9-0-4**
Site: E. Side Access

Lab Sample No: **522010**
Lab Job No: C477

Date Sampled: 04/21/04
Date Received: 04/22/04
Date Extracted: 04/23/04
Date Analyzed: 04/24/04
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa0634.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 9

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	370
2-Chlorophenol	ND	370
2-Methylphenol	ND	370
4-Methylphenol	ND	370
2-Nitrophenol	ND	370
2,4-Dimethylphenol	ND	370
2,4-Dichlorophenol	ND	370
4-Chloro-3-methylphenol	ND	370
2,4,6-Trichlorophenol	ND	370
2,4,5-Trichlorophenol	ND	370
2,4-Dinitrophenol	ND	1500
4-Nitrophenol	ND	1500
4,6-Dinitro-2-methylphenol	ND	1500
Pentachlorophenol	ND	1500

Client ID: **GE-53-9-0-4**
Site: E. Side Access

Lab Sample No: **522010**
Lab Job No: C477

Date Sampled: 04/21/04
Date Received: 04/22/04
Date Extracted: 04/23/04
Date Analyzed: 04/24/04
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa0634.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 9

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	37
1,3-Dichlorobenzene	ND	370
1,4-Dichlorobenzene	ND	370
1,2-Dichlorobenzene	ND	370
bis(2-chloroisopropyl)ether	ND	370
N-Nitroso-di-n-propylamine	ND	37
Hexachloroethane	ND	37
Nitrobenzene	ND	37
Isophorone	ND	370
bis(2-Chloroethoxy)methane	ND	370
1,2,4-Trichlorobenzene	ND	37
Naphthalene	9.4J	370
4-Chloroaniline	ND	370
Hexachlorobutadiene	ND	74
2-Methylnaphthalene	ND	370
Hexachlorocyclopentadiene	ND	370
2-Chloronaphthalene	ND	370
2-Nitroaniline	ND	740
Dimethylphthalate	ND	370
Acenaphthylene	28 J	370
2,6-Dinitrotoluene	ND	74
3-Nitroaniline	ND	740
Acenaphthene	ND	370
Dibenzofuran	ND	370
2,4-Dinitrotoluene	ND	74
Diethylphthalate	ND	370
4-Chlorophenyl-phenylether	ND	370
Fluorene	ND	370
4-Nitroaniline	ND	740
N-Nitrosodiphenylamine	ND	370
4-Bromophenyl-phenylether	ND	370
Hexachlorobenzene	ND	37
Phenanthrene	88 J	370
Anthracene	28 J	370

Client ID: **GE-53-9-0-4**
Site: E. Side Access

Lab Sample No: **522010**
Lab Job No: C477

Date Sampled: 04/21/04
Date Received: 04/22/04
Date Extracted: 04/23/04
Date Analyzed: 04/24/04
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa0634.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 9

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	13 J	370
Di-n-butylphthalate	ND	370
Fluoranthene	200 J	370
Pyrene	190 J	370
Butylbenzylphthalate	ND	370
3,3'-Dichlorobenzidine	ND	740
Benzo(a)anthracene	110	37
Chrysene	140 J	370
bis(2-Ethylhexyl)phthalate	ND	370
Di-n-octylphthalate	ND	370
Benzo(b)fluoranthene	120	37
Benzo(k)fluoranthene	140	37
Benzo(a)pyrene	120	37
Indeno(1,2,3-cd)pyrene	74	37
Dibenz(a,h)anthracene	ND	37
Benzo(g,h,i)perylene	76 J	370

Client ID: **GE-53-9-0-4**
Site: E. Side Access

Lab Sample No: **522010**
Lab Job No: C477

Date Sampled: 04/21/04
Date Received: 04/22/04
Date Extracted: 04/23/04
Date Analyzed: 04/24/04
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa0634.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 9.3

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1.	Unknown Alkane	5.44	420	B
2.				
3.				
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION	0.0

Client ID: **GE-53-10-0-4**
Site: E. Side Access

Lab Sample No: **522012**
Lab Job No: C477

Date Sampled: 04/21/04
Date Received: 04/22/04
Date Extracted: 04/23/04
Date Analyzed: 04/24/04
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa0641.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 11

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Phenol	ND	370
2-Chlorophenol	ND	370
2-Methylphenol	ND	370
4-Methylphenol	ND	370
2-Nitrophenol	ND	370
2,4-Dimethylphenol	ND	370
2,4-Dichlorophenol	ND	370
4-Chloro-3-methylphenol	ND	370
2,4,6-Trichlorophenol	ND	370
2,4,5-Trichlorophenol	ND	370
2,4-Dinitrophenol	ND	1500
4-Nitrophenol	ND	1500
4,6-Dinitro-2-methylphenol	ND	1500
Pentachlorophenol	ND	1500

Client ID: **GE-53-10-0-4**
Site: E. Side Access

Lab Sample No: **522012**
Lab Job No: C477

Date Sampled: 04/21/04
Date Received: 04/22/04
Date Extracted: 04/23/04
Date Analyzed: 04/24/04
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa0641.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 11

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
bis(2-Chloroethyl)ether	ND	37
1,3-Dichlorobenzene	ND	370
1,4-Dichlorobenzene	ND	370
1,2-Dichlorobenzene	ND	370
bis(2-chloroisopropyl)ether	ND	370
N-Nitroso-di-n-propylamine	ND	37
Hexachloroethane	ND	37
Nitrobenzene	ND	37
Isophorone	ND	370
bis(2-Chloroethoxy)methane	ND	370
1,2,4-Trichlorobenzene	ND	37
Naphthalene	ND	370
4-Chloroaniline	ND	370
Hexachlorobutadiene	ND	75
2-Methylnaphthalene	ND	370
Hexachlorocyclopentadiene	ND	370
2-Chloronaphthalene	ND	370
2-Nitroaniline	ND	750
Dimethylphthalate	ND	370
Acenaphthylene	9.1J	370
2,6-Dinitrotoluene	ND	75
3-Nitroaniline	ND	750
Acenaphthene	12 J	370
Dibenzofuran	ND	370
2,4-Dinitrotoluene	ND	75
Diethylphthalate	ND	370
4-Chlorophenyl-phenylether	ND	370
Fluorene	18 J	370
4-Nitroaniline	ND	750
N-Nitrosodiphenylamine	ND	370
4-Bromophenyl-phenylether	ND	370
Hexachlorobenzene	ND	37
Phenanthrene	150 J	370
Anthracene	42 J	370

Client ID: **GE-53-10-0-4**
Site: E. Side Access

Lab Sample No: **522012**
Lab Job No: C477

Date Sampled: 04/21/04
Date Received: 04/22/04
Date Extracted: 04/23/04
Date Analyzed: 04/24/04
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa0641.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 11

SEMI-VOLATILE ORGANICS - GC/MS
METHOD 8270C

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg
Carbazole	20 J	370
Di-n-butylphthalate	ND	370
Fluoranthene	220 J	370
Pyrene	180 J	370
Butylbenzylphthalate	ND	370
3,3'-Dichlorobenzidine	ND	750
Benzo(a)anthracene	85	37
Chrysene	120 J	370
bis(2-Ethylhexyl)phthalate	ND	370
Di-n-octylphthalate	ND	370
Benzo(b)fluoranthene	80	37
Benzo(k)fluoranthene	96	37
Benzo(a)pyrene	84	37
Indeno(1,2,3-cd)pyrene	41	37
Dibenz(a,h)anthracene	24 J	37
Benzo(g,h,i)perylene	46 J	370

Client ID: **GE-53-10-0-4**
Site: E. Side Access

Lab Sample No: **522012**
Lab Job No: C477

Date Sampled: 04/21/04
Date Received: 04/22/04
Date Extracted: 04/23/04
Date Analyzed: 04/24/04
GC Column: DB-5
Instrument ID: BNAMS8.i
Lab File ID: aa0641.d

Matrix: SOIL
Level: LOW
Sample Weight: 15.0 g
Extract Final Volume: 1.0 ml
Dilution Factor: 1.0
% Moisture: 10.8

SEMI-VOLATILE ORGANICS - GC/MS
TENTATIVELY IDENTIFIED COMPOUNDS
METHOD 8270C

	COMPOUND NAME	RT	EST. CONC. ug/kg	Q
1.	Unknown Alkane	5.43	510	B
2.	Degradation product of 2,4,6-Tribromop	14.35	380	B
3.	Unknown Alkane	19.73	370	
4.				
5.				
6.				
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				
17.				
18.				
19.				
20.				
21.				
22.				
23.				
24.				
25.				
26.				
27.				
28.				
29.				
30.				

TOTAL ESTIMATED CONCENTRATION: 370

Client ID: **GE-53-9-0-4**
Site: E. Side Access

Lab Sample ID: **522010**
Lab Job No: C477

Date Sampled: 04/21/04
Date Received: 04/22/04
Date Extracted: 04/23/04
Date Analyzed: 04/26/04
GC Front Column: StxCLP1
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf026600.d
Rear File ID: qr026600.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 9

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	74	R
Aroclor-1221	ND	74	R
Aroclor-1232	ND	74	R
Aroclor-1242	ND	74	R
Aroclor-1248	ND	74	R
Aroclor-1254	ND	74	R
Aroclor-1260	ND	74	R
Aroclor-1262	ND	74	R
Aroclor-1268	ND	74	R

Client ID: **GE-53-10-0-4**
Site: E. Side Access

Lab Sample ID: **522012**
Lab Job No: C477

Date Sampled: 04/21/04
Date Received: 04/22/04
Date Extracted: 04/23/04
Date Analyzed: 04/26/04
GC Front Column: StxCLP1
GC Rear Column: StxCLP1
Instrument ID: PESTGC8.i
Front File ID: qf026601.d
Rear File ID: qr026601.d

Matrix: SOIL
Level: LOW
Sample Weight: 15 g
Extract Final Volume: 10.0 ml
Dilution Factor: 1.0
% Moisture: 11

ORGANOCHLORINE PCBs - GC/ECD
METHOD 8082

Parameter	Analytical Results Units: ug/kg (Dry Weight)	Quantitation Limit Units: ug/kg	Column
Aroclor-1016	ND	75	R
Aroclor-1221	ND	75	R
Aroclor-1232	ND	75	R
Aroclor-1242	ND	75	R
Aroclor-1248	ND	75	R
Aroclor-1254	ND	75	R
Aroclor-1260	ND	75	R
Aroclor-1262	ND	75	R
Aroclor-1268	ND	75	R

Client ID: **GE-53-9-0-4**
Site: **E. Side Access**

Lab Sample No: 522010
Lab Job No: C477

Date Sampled: 04/21/04
Date Received: 04/22/04

Matrix: LEACHATE
Level: LOW

TOXICITY CHARACTERISTIC LEACHING PROCEDURE

METALS ANALYSIS

Analyte	Analytical Result Units: mg/l	Regulatory Level Units: mg/l	Instrument Detection Limit	Qual	M
Arsenic	ND	5.0	0.018		P
Barium	1.6	100.0	0.0075		P
Cadmium	0.003	1.0	0.0020	B	P
Chromium	0.02	5.0	0.0055	B	P
Lead	0.09	5.0	0.010	B	P
Mercury	ND	0.2	0.00010		CV
Selenium	ND	1.0	0.023		P
Silver	ND	5.0	0.0055		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **GE-53-9-0-4**
Site: **E. Side Access**

Lab Sample No: 522010
Lab Job No: C477

Date Sampled: 04/21/04
Date Received: 04/22/04

Matrix: SOLID
Level: LOW
% Moisture: 9.3

METALS ANALYSIS

Analyte	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	Qual	M
Lead	29.0	0.46		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **GE-53-10-0-4**
Site: **E. Side Access**

Lab Sample No: 522012
Lab Job No: C477

Date Sampled: 04/21/04
Date Received: 04/22/04

Matrix: LEACHATE
Level: LOW

TOXICITY CHARACTERISTIC LEACHING PROCEDURE

METALS ANALYSIS

Analyte	Analytical Result Units: mg/l	Regulatory Level Units: mg/l	Instrument Detection Limit	Qual	M
Arsenic	ND	5.0	0.018		P
Barium	0.28	100.0	0.0075	B	P
Cadmium	ND	1.0	0.0020		P
Chromium	ND	5.0	0.0055		P
Lead	0.02	5.0	0.010	B	P
Mercury	ND	0.2	0.00010		CV
Selenium	ND	1.0	0.023		P
Silver	ND	5.0	0.0055		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

Client ID: **GE-53-10-0-4**
Site: **E. Side Access**

Lab Sample No: 522012
Lab Job No: C477

Date Sampled: 04/21/04
Date Received: 04/22/04

Matrix: SOLID
Level: LOW
% Moisture: 10.8

METALS ANALYSIS

Analyte	Analytical Result Units: mg/kg (Dry Weight)	Instrument Detection Limit	Qual	M
Lead	26.4	0.47		P

Qual Column - Data Reporting Qualifiers (See Sec 2 of Report)
M Column - Method Code (See Section 2 of Report)

General Information

Chain of Custody

ANRO Environmental

ECO-TEST LABORATORIES, INC. - ENVIRONMENTAL TESTING

CHAIN OF CUSTODY RECORD

377 Sheffield Avenue, North Babylon, New York 11703
(631) 422-5777 • FAX (631) 422-5770 • Email: ecotestlab@aol.com

Job: C477

Client: STV Environmental
Address: 225 Park Ave South
NY, NY 10003
Phone: (212) 777-4400 FAX:
Person receiving report: Jeff Butler
Sampled by: Roxanne N + Hal Newell
Source:
Job No.:

MATRIX (Soil, Water, etc.)	COLLECTED DATE	COLLECTED TIME	SAMPLE IDENTIFICATION	TOTAL NUMBER OF CONTAINERS	TCL VOCs (8260B)	TCL SVOCs (8270C)	TCLP PCBs (8082)	TCLP Metals (1311) Total Metals (6010) Lead (6010) RV	QC Pkg Type (If Required)	Accelerated Turnaround Date Required	REMARKS-TESTS REQUIRED
Soil	4/21	10:00	GE-53-9 (CH)	1	X						522009
"	4/21	10:05	GE-53-9 (0-4')	1		X	X				522010
"	4/21	10:15	GE-53-9 (0-4')	1			X	X			↓
"	4/21	10:35	GE-53-10 (1')	1	X						522011
"	4/21	10:40	GE-53-10 (0-4')	1		X	X				522012
"	4/21	10:40	GE-53-10 (0-4')	1				X			↓
											—

Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)	Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)
Roxanne Newell	4/21	YES NO NA	Fed Ex	Fed Ex		YES NO NA	STL EDISON
Representing: STV			Representing:	Representing:			Representing:
Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)	Relinquished by: (Signature)	DATE/TIME	SEAL INTACT?	Received by: (Signature)
Representing:		YES NO NA	Representing:	Representing:		YES NO NA	Representing:

C477

STL Edison

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Analytical Methodology Summary

Volatile Organics:

Unless otherwise specified, water samples are analyzed for volatile organics by purge and trap GC/MS as specified in EPA Method 624. Drinking water samples are analyzed by EPA Method 524.2 Rev 4.1. Solid samples are analyzed for volatile organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8260B. Water samples are analyzed for volatile organics by purge and trap GC/PID and GC/ELCD as specified in EPA Methods 601 and 602. Solid samples are analyzed by GC/PID and GC/ELCD in accordance with SW-846, 3rd Edition Method 8021B.

Acid and Base/Neutral Extractable Organics:

Unless otherwise specified, water samples are analyzed for acid and/or base/neutral extractable organics by GC/MS in accordance with EPA Method 625. Solids are analyzed for acid and/or base/neutral extractable organics as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8270C.

GC/MS Nontarget Compound Analysis:

Analysis for nontarget compounds is conducted, upon request, in conjunction with GC/MS analyses by EPA Methods 624, 625, 8260B and 8270C. Nontarget compound analysis is conducted using a forward library search of the EPA/NIH/NBS mass spectral library of compounds at the greatest apparent concentration (10% or greater of the nearest internal standard) in each organic fraction (15 for volatile, 15 for base/neutrals and 10 for acid extractables).

Organochlorine Pesticides and PCBs:

Unless otherwise specified, water samples are analyzed for organochlorine pesticides and PCBs by dual column gas chromatography with electron capture detectors as specified in EPA Method 608. Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition) Method 8081A for organochlorine pesticides and Method 8082 for PCBs.

Total Petroleum Hydrocarbons:

Water samples are analyzed for petroleum hydrocarbons by I.R. using EPA Method 418.1. Solid samples are prepared for analysis by soxhlet extraction consistent with the March 1990 N.J. DEP "Remedial Investigation Guide" Appendix A, page 52, and analyzed by U.S. EPA Method 418.1

Metals Analysis:

Metals analyses are performed by any of four techniques specified by a Method Code provided on each data report page, as follows:

P - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP)

A - Flame Atomic Absorption

F - Furnace Atomic Absorption

CV - Manual Cold Vapor (Mercury)

Water samples are digested and analyzed using EPA methods provided in "Methods for Chemical Analysis of Water and Wastewater" (EPA 600/4-79-020). Solid samples are analyzed as specified in the EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition); samples are digested according to Method 3050B "Acid Digestion of Soil, Sediments and Sludges."

Specific method references for ICP analyses are water Method - 200.7/SW846 6010B and for solid matrix - 6010B. Mercury analyses are conducted by the manual cold vapor technique specified by water Method 245.1/747.0A and solid Method 7471A. Other specific Atomic Absorption method references are as follows:

Element	Water Test Method Furnace	Solid Test Method Furnace
Antimony	200.9	7041
Arsenic	200.9	7060A
Cadmium	200.9	7131A
Lead	200.9	7421
Selenium	200.9	7740
Thallium	200.9	7841

Cyanide:

Water samples are analyzed for cyanide using EPA Method 335.3. Cyanide is determined in solid samples as specified in the EPA Contract Laboratory Program IFB dated July 1988, revised February 1989.

Phenols:

Water samples are analyzed for total phenols using EPA Method 420.2. Total phenols are determined in water and solid samples by preparing the sample as outlined in the EPA Contract Laboratory Program IFB for cyanide, followed by a phenols determination using EPA Method 420.1.

Cleanup of Semivolatile Extracts:

Upon request Method 3611B Alumina Column Cleanup and/or Method 3650B Acid-Base Partition Cleanup are performed to improve detection limits by the removal of saturated hydrocarbon interferences.

Hazardous Waste Characteristics:

Samples for hazardous waste characteristics are analyzed as specified in the U.S..EPA publication "Test Methods for Evaluating Solid Waste" (SW-846, 3rd Edition). Specific method references are as follows:

Ignitability - Method 1020A

Corrosivity - Water pH Method 9040B
Soil pH Method 9045C

Reactivity - Chapter 7, Section 7.3.3 and 7.3.4 respectively for hydrogen cyanide and hydrogen sulfide release

Toxicity - TCLP Method 1311

Miscellaneous Parameters:

Additional analyses performed on both aqueous and solid samples are in accordance with methods published in the following references:

- Test Methods for Evaluating Solid Wastes, SW-846 3rd Edition, November 1986.
- Standard Methods for the Examination of Water and Wastewater, 17th Edition.
- Methods for Chemical Analysis of Water and Wastes, EPA-600/4-79-020, 1979.

Data Reporting Qualifiers

ORGANIC DATA REPORTING QUALIFIERS

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

J - Mass spectral data indicates the presence of a compound that meets the identification criteria. The result is less than the specified quantitation limit but greater than or equal to the method detection limit. The concentration given is an approximate value.

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

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

INORGANIC DATA REPORTING QUALIFIERS (SW-846 METHODS ONLY)

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

B - Reported value is less than the Practical Quantitation Limit but greater than or equal to the Instrument Detection Limit.

E - The reported value is estimated because of the presence of interference. See explanatory note in the Nonconformance Summary if the problem applies to all of the samples or on the individual Inorganic Analysis Data Sheet if the problem is isolated.

M - Duplicate injection precision not met on the Furnace Atomic Absorption analysis.

N - The spiked sample recovery is not within control limits.

S - The reported value was determined by the Method of Standard Additions (MSA).

* - Duplicate Analysis is not within control limits.

W - Post digestion spike for Furnace Atomic Absorption analysis is out of control.

\+ - Correlation coefficient for MSA is less than 0.995.

M Column - Method Qualifiers

P - Inductively Coupled Plasma Atomic Emission Spectroscopy (ICP).

A - Flame Atomic Absorption Spectroscopy (FAA).

F - Graphite Furnace Atomic Absorption Spectroscopy (GFAA).

CV - Cold Vapor Atomic Absorption Spectroscopy.

Non-Conformance Summary

SEVERN TRENT STL

SDG NARRATIVE

STL EDISON

SDG No. C477

STL Edison Sample	Client ID
522009	GE-53-9-1
522009MS	GE-53-9-1MS
522009SD	GE-53-9-1MSD
522010	GE-53-9-0-4
522010MS	GE-53-9-0-4MS
522010SD	GE-53-9-0-4MSD
522011	GE-53-10-1
522012	GE-53-10-0-4

Sample Receipt:

Sample delivery conforms with requirements.

Volatile Organic Analysis (GC/MS):

Soil blank KV117 contains 0.4 ppb of Methylene Chloride. Sample results are flagged with a B qualifier.

Soil blank KV118 contains 3.4 ppb of Methylene Chloride. Sample results are flagged with a B qualifier.

Base/Neutral and/or Acid Extractable Organics (GC/MS):

All data conforms with method requirements.

Pesticides/PCBs:

All data conforms with method requirements.

Metals:

All data conforms with method requirements.

I certify that this data package is in compliance with the protocols in NYSDEC ASP B both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this package has been authorized by the Laboratory Manager or his designee

Michael J. Urban

Michael J.Urban
Laboratory Manager

GC/MS Forms and Data (Volatiles)

Results Summary and Chromatograms

GC-53-17,18,19,20

CHEMTECH 284 Sheffield Street • Mountainside, NJ 07092 Phone: 908.789.8900 Fax: 908.789.8922

ANALYTICAL RESULTS SUMMARY

PROJECT NAME: MTA/LIRR East side access-GEC Contract

PB/STV/PTG JOINT VENTURE
469 7TH AVENUE, 14TH FLOOR
NEW YORK, NY 10018
2129041702

CHEMTECH PROJECT NO. X3782
ATTENTION: Romana Narozik

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/19/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/20/2006
Client Sample ID:	GE-53-17	**SDG No.:**	X3782
Lab Sample ID:	X3782-01	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	5
Sample Wt/Wol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK008550.D	1	7/30/2006	VK072506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.5	U	26	4.5	ug/Kg
74-87-3	Chloromethane	4.5	U	26	4.5	ug/Kg
75-01-4	Vinyl chloride	4.3	U	26	4.3	ug/Kg
74-83-9	Bromomethane	11	U	26	11	ug/Kg
75-00-3	Chloroethane	11	U	26	11	ug/Kg
75-69-4	Trichlorofluoromethane	6.6	U	26	6.6	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.5	U	26	3.5	ug/Kg
75-35-4	1,1-Dichloroethene	3.0	U	26	3.0	ug/Kg
67-64-1	Acetone	40	JB	130	18	ug/Kg
75-15-0	Carbon disulfide	1.9	U	26	1.9	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.9	U	26	1.9	ug/Kg
79-20-9	Methyl Acetate	4.6	U	26	4.6	ug/Kg
75-09-2	Methylene Chloride	9.6	U	26	9.6	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.4	U	26	3.4	ug/Kg
75-34-3	1,1-Dichloroethane	1.4	U	26	1.4	ug/Kg
110-82-7	Cyclohexane	1.7	U	26	1.7	ug/Kg
78-93-3	2-Butanone	15	U	130	15	ug/Kg
56-23-5	Carbon Tetrachloride	2.3	U	26	2.3	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.7	U	26	1.7	ug/Kg
67-66-3	Chloroform	1.8	U	26	1.8	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.2	U	26	2.2	ug/Kg
108-87-2	Methylcyclohexane	2.2	U	26	2.2	ug/Kg
71-43-2	Benzene	2.1	U	26	2.1	ug/Kg
107-06-2	1,2-Dichloroethane	1.6	U	26	1.6	ug/Kg
79-01-6	Trichloroethene	1.6	U	26	1.6	ug/Kg
78-87-5	1,2-Dichloropropane	2.1	U	26	2.1	ug/Kg
75-27-4	Bromodichloromethane	1.8	U	26	1.8	ug/Kg
108-10-1	4-Methyl-2-Pentanone	10	U	130	10	ug/Kg
108-88-3	Toluene	2.1	U	26	2.1	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1.9	U	26	1.9	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.7	U	26	1.7	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.5	U	26	1.5	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	7/19/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	7/20/2006
Client Sample ID:	GE-53-17	SDG No.:	X3782
Lab Sample ID:	X3782-01	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	5
Sample Wt/Vol:	1.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK008550.D	1	7/30/2006	VK072506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	19	U	130	19	ug/Kg
124-48-1	Dibromochloromethane	1.2	U	26	1.2	ug/Kg
106-93-4	1,2-Dibromoethane	2.1	U	26	2.1	ug/Kg
127-18-4	Tetrachloroethene	3.8	U	26	3.8	ug/Kg
108-90-7	Chlorobenzene	1.9	U	26	1.9	ug/Kg
100-41-4	Ethyl Benzene	1.9	U	26	1.9	ug/Kg
126777-61-2	m/p-Xylenes	4.6	U	53	4.6	ug/Kg
95-47-6	o-Xylene	2.0	U	26	2.0	ug/Kg
100-42-5	Styrene	2.4	U	26	2.4	ug/Kg
75-25-2	Bromoform	1.6	U	26	1.6	ug/Kg
98-82-8	Isopropylbenzene	2.2	U	26	2.2	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.6	U	26	1.6	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.9	U	26	2.9	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.9	U	26	2.9	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.0	U	26	2.0	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.0	U	26	5.0	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.6	U	26	3.6	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	43.31	87 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	48.58	97 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	49.23	98 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	38.88	78 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	124854	3.51			
540-36-3	1,4-Difluorobenzene	108697	3.91			
3114-55-4	Chlorobenzene-d5	73145	6.69			
3855-82-1	1,4-Dichlorobenzene-d4	53834	8.97			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	7/19/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	7/20/2006
Client Sample ID:	GE-53-18	SDG No.:	X3782
Lab Sample ID:	X3782-03	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	4
Sample Wt/Vol:	1.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK008549.D	1	7/30/2006	VK072506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.5	U	26	4.5	ug/Kg
74-87-3	Chloromethane	4.4	U	26	4.4	ug/Kg
75-01-4	Vinyl chloride	4.3	U	26	4.3	ug/Kg
74-83-9	Bromomethane	11	U	26	11	ug/Kg
75-00-3	Chloroethane	11	U	26	11	ug/Kg
75-69-4	Trichlorofluoromethane	6.5	U	26	6.5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.5	U	26	3.5	ug/Kg
75-35-4	1,1-Dichloroethene	3.0	U	26	3.0	ug/Kg
67-64-1	Acetone	36	JB	130	18	ug/Kg
75-15-0	Carbon disulfide	1.9	U	26	1.9	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.9	U	26	1.9	ug/Kg
79-20-9	Methyl Acetate	4.5	U	26	4.5	ug/Kg
75-09-2	Methylene Chloride	9.5	U	26	9.5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.3	U	26	3.3	ug/Kg
75-34-3	1,1-Dichloroethane	1.4	U	26	1.4	ug/Kg
110-82-7	Cyclohexane	1.7	U	26	1.7	ug/Kg
78-93-3	2-Butanone	15	U	130	15	ug/Kg
56-23-5	Carbon Tetrachloride	2.3	U	26	2.3	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.7	U	26	1.7	ug/Kg
67-66-3	Chloroform	1.8	U	26	1.8	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.2	U	26	2.2	ug/Kg
108-87-2	Methylcyclohexane	2.2	U	26	2.2	ug/Kg
71-43-2	Benzene	2.1	U	26	2.1	ug/Kg
107-06-2	1,2-Dichloroethane	1.6	U	26	1.6	ug/Kg
79-01-6	Trichloroethene	1.6	U	26	1.6	ug/Kg
78-87-5	1,2-Dichloropropane	2.1	U	26	2.1	ug/Kg
75-27-4	Bromodichloromethane	1.7	U	26	1.7	ug/Kg
108-10-1	4-Methyl-2-Pentanone	10	U	130	10	ug/Kg
108-88-3	Toluene	2.1	U	26	2.1	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1.9	U	26	1.9	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.7	U	26	1.7	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.5	U	26	1.5	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	7/19/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	7/20/2006
Client Sample ID:	GE-53-18	SDG No.:	X3782
Lab Sample ID:	X3782-03	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	4
Sample Wt/Vol:	1.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK008549.D	1	7/30/2006	VK072506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	19	U	130	19	ug/Kg
124-48-1	Dibromochloromethane	1.2	U	26	1.2	ug/Kg
106-93-4	1,2-Dibromoethane	2.1	U	26	2.1	ug/Kg
127-18-4	Tetrachloroethene	3.8	U	26	3.8	ug/Kg
108-90-7	Chlorobenzene	1.9	U	26	1.9	ug/Kg
100-41-4	Ethyl Benzene	1.8	U	26	1.8	ug/Kg
126777-61-2	m/p-Xylenes	4.5	U	52	4.5	ug/Kg
95-47-6	o-Xylene	2.0	U	26	2.0	ug/Kg
100-42-5	Styrene	2.4	U	26	2.4	ug/Kg
75-25-2	Bromoform	1.6	U	26	1.6	ug/Kg
98-82-8	Isopropylbenzene	2.2	U	26	2.2	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.6	U	26	1.6	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.9	U	26	2.9	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.8	U	26	2.8	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.0	U	26	2.0	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	4.9	U	26	4.9	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.6	U	26	3.6	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	45.84	92 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	49.33	99 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	50.58	101 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	42.49	85 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	124265	3.51			
540-36-3	1,4-Difluorobenzene	113071	3.91			
3114-55-4	Chlorobenzene-d5	80498	6.69			
3855-82-1	1,4-Dichlorobenzene-d4	66637	8.97			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	7/19/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	7/20/2006
Client Sample ID:	GE-53-19	SDG No.:	X3782
Lab Sample ID:	X3782-05	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	4
Sample Wt/Vol:	1.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK008548.D	1	7/30/2006	VK072506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.5	U	26	4.5	ug/Kg
74-87-3	Chloromethane	4.4	U	26	4.4	ug/Kg
75-01-4	Vinyl chloride	4.3	U	26	4.3	ug/Kg
74-83-9	Bromomethane	11	U	26	11	ug/Kg
75-00-3	Chloroethane	11	U	26	11	ug/Kg
75-69-4	Trichlorofluoromethane	6.5	U	26	6.5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.5	U	26	3.5	ug/Kg
75-35-4	1,1-Dichloroethene	3.0	U	26	3.0	ug/Kg
67-64-1	Acetone	37	JB	130	18	ug/Kg
75-15-0	Carbon disulfide	1.9	U	26	1.9	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.9	U	26	1.9	ug/Kg
79-20-9	Methyl Acetate	4.5	U	26	4.5	ug/Kg
75-09-2	Methylene Chloride	9.5	U	26	9.5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.3	U	26	3.3	ug/Kg
75-34-3	1,1-Dichloroethane	1.4	U	26	1.4	ug/Kg
110-82-7	Cyclohexane	1.7	U	26	1.7	ug/Kg
78-93-3	2-Butanone	15	U	130	15	ug/Kg
56-23-5	Carbon Tetrachloride	2.3	U	26	2.3	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.7	U	26	1.7	ug/Kg
67-66-3	Chloroform	1.8	U	26	1.8	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.2	U	26	2.2	ug/Kg
108-87-2	Methylcyclohexane	2.2	U	26	2.2	ug/Kg
71-43-2	Benzene	2.1	U	26	2.1	ug/Kg
107-06-2	1,2-Dichloroethane	1.6	U	26	1.6	ug/Kg
79-01-6	Trichloroethene	1.6	U	26	1.6	ug/Kg
78-87-5	1,2-Dichloropropane	2.1	U	26	2.1	ug/Kg
75-27-4	Bromodichloromethane	1.7	U	26	1.7	ug/Kg
108-10-1	4-Methyl-2-Pentanone	10	U	130	10	ug/Kg
108-88-3	Toluene	2.1	U	26	2.1	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1.9	U	26	1.9	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.7	U	26	1.7	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.5	U	26	1.5	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
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Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	7/19/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	7/20/2006
Client Sample ID:	GE-53-19	SDG No.:	X3782
Lab Sample ID:	X3782-05	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	4
Sample Wt/Vol:	1.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK008548.D	1	7/30/2006	VK072506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	19	U	130	19	ug/Kg
124-48-1	Dibromochloromethane	1.2	U	26	1.2	ug/Kg
106-93-4	1,2-Dibromoethane	2.1	U	26	2.1	ug/Kg
127-18-4	Tetrachloroethene	3.8	U	26	3.8	ug/Kg
108-90-7	Chlorobenzene	1.9	U	26	1.9	ug/Kg
100-41-4	Ethyl Benzene	1.8	U	26	1.8	ug/Kg
126777-61-2	m/p-Xylenes	4.5	U	52	4.5	ug/Kg
95-47-6	o-Xylene	2.0	U	26	2.0	ug/Kg
100-42-5	Styrene	2.4	U	26	2.4	ug/Kg
75-25-2	Bromoform	1.6	U	26	1.6	ug/Kg
98-82-8	Isopropylbenzene	2.2	U	26	2.2	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.6	U	26	1.6	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.9	U	26	2.9	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.8	U	26	2.8	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.0	U	26	2.0	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	4.9	U	26	4.9	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.6	U	26	3.6	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.16	104 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	55.73	111 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	52.46	105 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	47.36	95 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	111864	3.52			
540-36-3	1,4-Difluorobenzene	102356	3.92			
3114-55-4	Chlorobenzene-d5	77611	6.69			
3855-82-1	1,4-Dichlorobenzene-d4	68098	8.96			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	7/19/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	7/20/2006
Client Sample ID:	GE-53-20	SDG No.:	X3782
Lab Sample ID:	X3782-07	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	6
Sample Wt/Vol:	1.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK008547.D	1	7/30/2006	VK072506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.6	U	27	4.6	ug/Kg
74-87-3	Chloromethane	4.5	U	27	4.5	ug/Kg
75-01-4	Vinyl chloride	4.4	U	27	4.4	ug/Kg
74-83-9	Bromomethane	11	U	27	11	ug/Kg
75-00-3	Chloroethane	11	U	27	11	ug/Kg
75-69-4	Trichlorofluoromethane	6.6	U	27	6.6	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.5	U	27	3.5	ug/Kg
75-35-4	1,1-Dichloroethene	3.0	U	27	3.0	ug/Kg
67-64-1	Acetone	36	JB	130	18	ug/Kg
75-15-0	Carbon disulfide	2.0	U	27	2.0	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.0	U	27	2.0	ug/Kg
79-20-9	Methyl Acetate	4.6	U	27	4.6	ug/Kg
75-09-2	Methylene Chloride	9.7	U	27	9.7	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.4	U	27	3.4	ug/Kg
75-34-3	1,1-Dichloroethane	1.4	U	27	1.4	ug/Kg
110-82-7	Cyclohexane	1.7	U	27	1.7	ug/Kg
78-93-3	2-Butanone	15	U	130	15	ug/Kg
56-23-5	Carbon Tetrachloride	2.4	U	27	2.4	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.7	U	27	1.7	ug/Kg
67-66-3	Chloroform	1.9	U	27	1.9	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.2	U	27	2.2	ug/Kg
108-87-2	Methylcyclohexane	2.2	U	27	2.2	ug/Kg
71-43-2	Benzene	2.1	U	27	2.1	ug/Kg
107-06-2	1,2-Dichloroethane	1.6	U	27	1.6	ug/Kg
79-01-6	Trichloroethene	1.6	U	27	1.6	ug/Kg
78-87-5	1,2-Dichloropropane	2.1	U	27	2.1	ug/Kg
75-27-4	Bromodichloromethane	1.8	U	27	1.8	ug/Kg
108-10-1	4-Methyl-2-Pentanone	10	U	130	10	ug/Kg
108-88-3	Toluene	2.2	U	27	2.2	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1.9	U	27	1.9	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.8	U	27	1.8	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.6	U	27	1.6	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	7/19/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	7/20/2006
Client Sample ID:	GE-53-20	SDG No.:	X3782
Lab Sample ID:	X3782-07	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	6
Sample Wt/Wol:	1.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK008547.D	1	7/30/2006	VK072506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	19	U	130	19	ug/Kg
124-48-1	Dibromochloromethane	1.2	U	27	1.2	ug/Kg
106-93-4	1,2-Dibromoethane	2.1	U	27	2.1	ug/Kg
127-18-4	Tetrachloroethene	3.9	U	27	3.9	ug/Kg
108-90-7	Chlorobenzene	1.9	U	27	1.9	ug/Kg
100-41-4	Ethyl Benzene	1.9	U	27	1.9	ug/Kg
126777-61-2	m/p-Xylenes	4.6	U	53	4.6	ug/Kg
95-47-6	o-Xylene	2.0	U	27	2.0	ug/Kg
100-42-5	Styrene	2.4	U	27	2.4	ug/Kg
75-25-2	Bromoform	1.6	U	27	1.6	ug/Kg
98-82-8	Isopropylbenzene	2.2	U	27	2.2	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.7	U	27	1.7	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.0	U	27	3.0	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.9	U	27	2.9	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.1	U	27	2.1	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.0	U	27	5.0	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.6	U	27	3.6	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.55	107 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	57.92	116 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	56.09	112 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	45.51	91 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	107553	3.52			
540-36-3	1,4-Difluorobenzene	93371	3.92			
3114-55-4	Chlorobenzene-d5	67480	6.69			
3855-82-1	1,4-Dichlorobenzene-d4	52373	8.97			
TENTITIVE IDENTIFIED COMPOUNDS						
000264-09-5	Benzocycloheptatriene	45	J	11.44		ug/Kg
1000144-50-6	cis-8-Methyl-bicyclo(4,3,0)non-3,7	29	J	11.79		ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

Chemtech

Summary Sheet
SW-846

SDG No.: X3782 Order ID: X3782

Client: PB/STV/PTG Joint Venture Project ID: PBST01

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	GE-53-17							
X3782-01	GE-53-17	SOIL	Acetone	40	JB	130	18	ug/Kg
			Total VOC's:	40.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	40.00				
Client ID:	GE-53-18							
X3782-03	GE-53-18	SOIL	Acetone	36	JB	130	18	ug/Kg
			Total VOC's:	36.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	36.00				
Client ID:	GE-53-19							
X3782-05	GE-53-19	SOIL	Acetone	37	JB	130	18	ug/Kg
			Total VOC's:	37.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	37.00				
Client ID:	GE-53-20							
X3782-07	GE-53-20	SOIL	Acetone	36	JB	130	18	ug/Kg
X3782-07	GE-53-20	SOIL	Benzocycloheptatriene	* 45	J	0	0	ug/Kg
X3782-07	GE-53-20	SOIL	cis-8-Methyl-bicyclo(4,3,0)no	* 29	J	0	0	ug/Kg
			Total VOC's:	36.00				
			Total TIC's:	74.00				
			Total VOC's and TIC's:	110.00				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/19/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/20/2006
Client Sample ID:	GE-53-17	**SDG No.:**	X3782
Lab Sample ID:	X3782-02	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	6
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032677.D	1	7/24/2006	7/25/2006	BE072006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	72	U	350	72	ug/Kg
108-95-2	Phenol	53	U	350	53	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55	U	350	55	ug/Kg
95-57-8	2-Chlorophenol	56	U	350	56	ug/Kg
95-48-7	2-Methylphenol	58	U	350	58	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	56	U	350	56	ug/Kg
98-86-2	Acetophenone	51	U	350	51	ug/Kg
106-44-5	3+4-Methylphenols	55	U	350	55	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	58	U	350	58	ug/Kg
67-72-1	Hexachloroethane	59	U	350	59	ug/Kg
98-95-3	Nitrobenzene	76	U	350	76	ug/Kg
78-59-1	Isophorone	53	U	350	53	ug/Kg
88-75-5	2-Nitrophenol	54	U	350	54	ug/Kg
105-67-9	2,4-Dimethylphenol	56	U	350	56	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58	U	350	58	ug/Kg
120-83-2	2,4-Dichlorophenol	65	U	350	65	ug/Kg
91-20-3	Naphthalene	60	U	350	60	ug/Kg
106-47-8	4-Chloroaniline	42	U	350	42	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	350	54	ug/Kg
105-60-2	Caprolactam	56	U	350	56	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	350	48	ug/Kg
91-57-6	2-Methylnaphthalene	59	U	350	59	ug/Kg
77-47-4	Hexachlorocyclopentadiene	56	U	350	56	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	350	51	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54	U	880	54	ug/Kg
92-52-4	1,1-Biphenyl	58	U	350	58	ug/Kg
91-58-7	2-Chloronaphthalene	58	U	350	58	ug/Kg
88-74-4	2-Nitroaniline	44	U	880	44	ug/Kg
131-11-3	Dimethylphthalate	56	U	350	56	ug/Kg
208-96-8	Acenaphthylene	57	U	350	57	ug/Kg
606-20-2	2,6-Dinitrotoluene	50	U	350	50	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	7/19/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	7/20/2006
Client Sample ID:	GE-53-17	SDG No.:	X3782
Lab Sample ID:	X3782-02	Matrix:	SOIL
Analytical Method:	8270	% Moisture:	6
Sample Wt/Wol:	30.1 g	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032677.D	1	7/24/2006	7/25/2006	BE072006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	46	U	880	46	ug/Kg
83-32-9	Acenaphthene	62	U	350	62	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	880	300	ug/Kg
100-02-7	4-Nitrophenol	43	U	880	43	ug/Kg
132-64-9	Dibenzofuran	58	U	350	58	ug/Kg
121-14-2	2,4-Dinitrotoluene	51	U	350	51	ug/Kg
84-66-2	Diethylphthalate	60	U	350	60	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	350	55	ug/Kg
86-73-7	Fluorene	59	U	350	59	ug/Kg
100-01-6	4-Nitroaniline	60	U	880	60	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	68	U	880	68	ug/Kg
86-30-6	N-Nitrosodiphenylamine	58	U	350	58	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52	U	350	52	ug/Kg
118-74-1	Hexachlorobenzene	56	U	350	56	ug/Kg
1912-24-9	Atrazine	54	U	350	54	ug/Kg
87-86-5	Pentachlorophenol	81	U	880	81	ug/Kg
85-01-8	Phenanthrene	56	U	350	56	ug/Kg
120-12-7	Anthracene	53	U	350	53	ug/Kg
86-74-8	Carbazole	53	U	350	53	ug/Kg
84-74-2	Di-n-butylphthalate	53	U	350	53	ug/Kg
206-44-0	Fluoranthene	52	U	350	52	ug/Kg
129-00-0	Pyrene	62	U	350	62	ug/Kg
85-68-7	Butylbenzylphthalate	57	U	350	57	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	350	60	ug/Kg
56-55-3	Benzo(a)anthracene	49	U	350	49	ug/Kg
218-01-9	Chrysene	63	U	350	63	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	180	J	350	67	ug/Kg
117-84-0	Di-n-octyl phthalate	60	U	350	60	ug/Kg
205-99-2	Benzo(b)fluoranthene	84	J	350	39	ug/Kg
207-08-9	Benzo(k)fluoranthene	77	U	350	77	ug/Kg
50-32-8	Benzo(a)pyrene	56	U	350	56	ug/Kg

U = Not Detected
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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	7/19/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	7/20/2006
Client Sample ID:	GE-53-17	SDG No.:	X3782
Lab Sample ID:	X3782-02	Matrix:	SOIL
Analytical Method:	8270	% Moisture:	6
Sample Wt/Vol:	30.1 g	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032677.D	1	7/24/2006	7/25/2006	BE072006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	350	44	ug/Kg
53-70-3	Dibenz(a,h)anthracene	44	U	350	44	ug/Kg
191-24-2	Benzo(g,h,i)perylene	58	U	350	58	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	98.55	66 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	99.7	66 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	80.04	80 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	72.99	73 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	111.01	74 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	98.82	99 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	268547	4.26			
1146-65-2	Naphthalene-d8	957867	5.43			
15067-26-2	Acenaphthene-d10	485488	7.13			
1517-22-2	Phenanthrene-d10	689820	8.60			
1719-03-5	Chrysene-d12	353835	11.22			
1520-96-3	Perylene-d12	141682	12.88			
TENTITIVE IDENTIFIED COMPOUNDS						
4254-14-2	R-(-)-1,2-propanediol	160	J	2.23		ug/Kg
	ACP2.98	2700	A	2.98		ug/Kg
	unknown6.35	120	J	6.35		ug/Kg
610-48-0	Anthracene, 1-methyl-	83	J	9.20		ug/Kg
297-03-0	Cyclotetracosane	120	J	11.09		ug/Kg
	unknown11.93	300	J	11.93		ug/Kg
112-84-5	13-Docosenamide, (Z)-	360	J	12.08		ug/Kg
7683-64-9	Squalene	420	J	12.20		ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/19/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/20/2006
Client Sample ID:	GE-53-17RE	**SDG No.:**	X3782
Lab Sample ID:	X3782-02RE	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	6
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032749.D	1	7/24/2006	7/27/2006	BE072006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	72	U	350	72	ug/Kg
108-95-2	Phenol	53	U	350	53	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55	U	350	55	ug/Kg
95-57-8	2-Chlorophenol	56	U	350	56	ug/Kg
95-48-7	2-Methylphenol	58	U	350	58	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	56	U	350	56	ug/Kg
98-86-2	Acetophenone	51	U	350	51	ug/Kg
106-44-5	3+4-Methylphenols	55	U	350	55	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	58	U	350	58	ug/Kg
67-72-1	Hexachloroethane	59	U	350	59	ug/Kg
98-95-3	Nitrobenzene	76	U	350	76	ug/Kg
78-59-1	Isophorone	53	U	350	53	ug/Kg
88-75-5	2-Nitrophenol	54	U	350	54	ug/Kg
105-67-9	2,4-Dimethylphenol	56	U	350	56	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58	U	350	58	ug/Kg
120-83-2	2,4-Dichlorophenol	65	U	350	65	ug/Kg
91-20-3	Naphthalene	60	U	350	60	ug/Kg
106-47-8	4-Chloroaniline	42	U	350	42	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	350	54	ug/Kg
105-60-2	Caprolactam	56	U	350	56	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	350	48	ug/Kg
91-57-6	2-Methylnaphthalene	59	U	350	59	ug/Kg
77-47-4	Hexachlorocyclopentadiene	56	U	350	56	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	350	51	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54	U	880	54	ug/Kg
92-52-4	1,1-Biphenyl	58	U	350	58	ug/Kg
91-58-7	2-Chloronaphthalene	58	U	350	58	ug/Kg
88-74-4	2-Nitroaniline	44	U	880	44	ug/Kg
131-11-3	Dimethylphthalate	56	U	350	56	ug/Kg
208-96-8	Acenaphthylene	57	U	350	57	ug/Kg
606-20-2	2,6-Dinitrotoluene	50	U	350	50	ug/Kg

U = Not Detected
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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/19/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/20/2006
Client Sample ID:	GE-53-17RE	**SDG No.:**	X3782
Lab Sample ID:	X3782-02RE	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	6
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032749.D	1	7/24/2006	7/27/2006	BE072006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	46	U	880	46	ug/Kg
83-32-9	Acenaphthene	62	U	350	62	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	880	300	ug/Kg
100-02-7	4-Nitrophenol	43	U	880	43	ug/Kg
132-64-9	Dibenzofuran	58	U	350	58	ug/Kg
121-14-2	2,4-Dinitrotoluene	51	U	350	51	ug/Kg
84-66-2	Diethylphthalate	60	U	350	60	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	350	55	ug/Kg
86-73-7	Fluorene	59	U	350	59	ug/Kg
100-01-6	4-Nitroaniline	60	U	880	60	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	68	U	880	68	ug/Kg
86-30-6	N-Nitrosodiphenylamine	58	U	350	58	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52	U	350	52	ug/Kg
118-74-1	Hexachlorobenzene	56	U	350	56	ug/Kg
1912-24-9	Atrazine	54	U	350	54	ug/Kg
87-86-5	Pentachlorophenol	81	U	880	81	ug/Kg
85-01-8	Phenanthrene	56	U	350	56	ug/Kg
120-12-7	Anthracene	53	U	350	53	ug/Kg
86-74-8	Carbazole	53	U	350	53	ug/Kg
84-74-2	Di-n-butylphthalate	53	U	350	53	ug/Kg
206-44-0	Fluoranthene	52	U	350	52	ug/Kg
129-00-0	Pyrene	62	U	350	62	ug/Kg
85-68-7	Butylbenzylphthalate	57	U	350	57	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	350	60	ug/Kg
56-55-3	Benzo(a)anthracene	49	U	350	49	ug/Kg
218-01-9	Chrysene	63	U	350	63	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	67	U	350	67	ug/Kg
117-84-0	Di-n-octyl phthalate	60	U	350	60	ug/Kg
205-99-2	Benzo(b)fluoranthene	68	J	350	39	ug/Kg
207-08-9	Benzo(k)fluoranthene	77	U	350	77	ug/Kg
50-32-8	Benzo(a)pyrene	56	U	350	56	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/19/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/20/2006
Client Sample ID:	GE-53-17RE	**SDG No.:**	X3782
Lab Sample ID:	X3782-02RE	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	6
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032749.D	1	7/24/2006	7/27/2006	BE072006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	350	44	ug/Kg
53-70-3	Dibenz(a,h)anthracene	44	U	350	44	ug/Kg
191-24-2	Benzo(g,h,i)perylene	58	U	350	58	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	99.59	66 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	99.94	67 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	77.17	77 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	75.88	76 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	81.16	54 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	141.96	142 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	252506	4.20			
1146-65-2	Naphthalene-d8	898250	5.36			
15067-26-2	Acenaphthene-d10	445470	7.06			
1517-22-2	Phenanthrene-d10	534271	8.53			
1719-03-5	Chrysene-d12	136928	11.14			
1520-96-3	Perylene-d12	60687	12.76			

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/19/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/20/2006
Client Sample ID:	GE-53-18	**SDG No.:**	X3782
Lab Sample ID:	X3782-04	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	6
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032678.D	1	7/24/2006	7/25/2006	BE072006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	72	U	350	72	ug/Kg
108-95-2	Phenol	53	U	350	53	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56	U	350	56	ug/Kg
95-57-8	2-Chlorophenol	56	U	350	56	ug/Kg
95-48-7	2-Methylphenol	58	U	350	58	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	57	U	350	57	ug/Kg
98-86-2	Acetophenone	51	U	350	51	ug/Kg
106-44-5	3+4-Methylphenols	55	U	350	55	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	58	U	350	58	ug/Kg
67-72-1	Hexachloroethane	60	U	350	60	ug/Kg
98-95-3	Nitrobenzene	77	U	350	77	ug/Kg
78-59-1	Isophorone	53	U	350	53	ug/Kg
88-75-5	2-Nitrophenol	54	U	350	54	ug/Kg
105-67-9	2,4-Dimethylphenol	56	U	350	56	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58	U	350	58	ug/Kg
120-83-2	2,4-Dichlorophenol	65	U	350	65	ug/Kg
91-20-3	Naphthalene	160	J	350	60	ug/Kg
106-47-8	4-Chloroaniline	42	U	350	42	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	350	54	ug/Kg
105-60-2	Caprolactam	56	U	350	56	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	350	49	ug/Kg
91-57-6	2-Methylnaphthalene	78	J	350	59	ug/Kg
77-47-4	Hexachlorocyclopentadiene	56	U	350	56	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	350	52	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54	U	880	54	ug/Kg
92-52-4	1,1-Biphenyl	58	U	350	58	ug/Kg
91-58-7	2-Chloronaphthalene	58	U	350	58	ug/Kg
88-74-4	2-Nitroaniline	45	U	880	45	ug/Kg
131-11-3	Dimethylphthalate	56	U	350	56	ug/Kg
208-96-8	Acenaphthylene	310	J	350	57	ug/Kg
606-20-2	2,6-Dinitrotoluene	50	U	350	50	ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	7/19/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	7/20/2006
Client Sample ID:	GE-53-18	SDG No.:	X3782
Lab Sample ID:	X3782-04	Matrix:	SOIL
Analytical Method:	8270	% Moisture:	6
Sample Wt/Vol:	30.1 g	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032678.D	1	7/24/2006	7/25/2006	BE072006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	46	U	880	46	ug/Kg
83-32-9	Acenaphthene	63	U	350	63	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	880	300	ug/Kg
100-02-7	4-Nitrophenol	44	U	880	44	ug/Kg
132-64-9	Dibenzofuran	61	J	350	58	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	350	52	ug/Kg
84-66-2	Diethylphthalate	61	U	350	61	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	350	56	ug/Kg
86-73-7	Fluorene	59	U	350	59	ug/Kg
100-01-6	4-Nitroaniline	60	U	880	60	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	68	U	880	68	ug/Kg
86-30-6	N-Nitrosodiphenylamine	58	U	350	58	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52	U	350	52	ug/Kg
118-74-1	Hexachlorobenzene	56	U	350	56	ug/Kg
1912-24-9	Atrazine	54	U	350	54	ug/Kg
87-86-5	Pentachlorophenol	81	U	880	81	ug/Kg
85-01-8	Phenanthrene	250	J	350	56	ug/Kg
120-12-7	Anthracene	280	J	350	53	ug/Kg
86-74-8	Carbazole	54	U	350	54	ug/Kg
84-74-2	Di-n-butylphthalate	54	U	350	54	ug/Kg
206-44-0	Fluoranthene	1100		350	52	ug/Kg
129-00-0	Pyrene	2800		350	62	ug/Kg
85-68-7	Butylbenzylphthalate	57	U	350	57	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	350	60	ug/Kg
56-55-3	Benzo(a)anthracene	1400		350	49	ug/Kg
218-01-9	Chrysene	1700		350	63	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	67	U	350	67	ug/Kg
117-84-0	Di-n-octyl phthalate	60	U	350	60	ug/Kg
205-99-2	Benzo(b)fluoranthene	3400	E	350	39	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		350	77	ug/Kg
50-32-8	Benzo(a)pyrene	2000		350	56	ug/Kg

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N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	7/19/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	7/20/2006
Client Sample ID:	GE-53-18	SDG No.:	X3782
Lab Sample ID:	X3782-04	Matrix:	SOIL
Analytical Method:	8270	% Moisture:	6
Sample Wt/Vol:	30.1 g	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032678.D	1	7/24/2006	7/25/2006	BE072006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	660		350	45	ug/Kg
53-70-3	Dibenz(a,h)anthracene	100	J	350	44	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		350	58	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	100.58	67 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	101.44	68 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	79.65	80 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	73.54	74 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	112.9	75 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	125.09	125 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	281340	4.26			
1146-65-2	Naphthalene-d8	1007900	5.43			
15067-26-2	Acenaphthene-d10	502093	7.13			
1517-22-2	Phenanthrene-d10	697659	8.60			
1719-03-5	Chrysene-d12	262013	11.23			
1520-96-3	Perylene-d12	101732	12.90			
TENTITIVE IDENTIFIED COMPOUNDS						
57-55-6	Propylene Glycol	260	J	2.22		ug/Kg
	ACP2.98	2600	A	2.98		ug/Kg
	unknown6.35	94	J	6.35		ug/Kg
92-52-4	Biphenyl	100	J	6.56		ug/Kg
949-41-7	1H-Cyclopropa[l]phenanthrene,1a,	86	J	9.12		ug/Kg
781-43-1	9,10-Dimethylanthracene	86	J	9.64		ug/Kg
5737-13-3	Cyclopenta(def)phenanthrenone	160	J	9.73		ug/Kg
2381-21-7	Pyrene, 1-methyl-	120	J	10.26		ug/Kg
33543-31-6	Fluoranthene, 2-methyl-	89	J	10.34		ug/Kg
243-17-4	11H-Benzo[b]fluorene	230	J	10.36		ug/Kg
205-12-9	7H-Benzo[c]fluorene	130	J	10.43		ug/Kg
3442-78-2	Pyrene, 2-methyl-	190	J	10.46		ug/Kg
3353-12-6	Pyrene, 4-methyl-	180	J	10.56		ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/19/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/20/2006
Client Sample ID:	GE-53-18	**SDG No.:**	X3782
Lab Sample ID:	X3782-04	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	6
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032678.D	1	7/24/2006	7/25/2006	BE072006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TENTITIVE IDENTIFIED COMPOUNDS						
	unknown10.58	110	J	10.58		ug/Kg
69782-90-7	1,1-Biphenyl, 2,3,3,4,4,5-hexa	84	J	10.66		ug/Kg
	unknown11.93	140	J	11.93		ug/Kg
301-02-0	9-Octadecenamide, (Z)-	720	J	12.09		ug/Kg
7683-64-9	Squalene	830	J	12.20		ug/Kg
205-82-3	Benzo[j]fluoranthene	480	J	12.51		ug/Kg
192-97-2	Benzo[e]pyrene	2000	J	12.75		ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/19/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/20/2006
Client Sample ID:	GE-53-18DL	**SDG No.:**	X3782
Lab Sample ID:	X3782-04DL	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	6
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032751.D	5	7/24/2006	7/27/2006	BE072006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	360	UD	1800	360	ug/Kg
108-95-2	Phenol	270	UD	1800	270	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	280	UD	1800	280	ug/Kg
95-57-8	2-Chlorophenol	280	UD	1800	280	ug/Kg
95-48-7	2-Methylphenol	290	UD	1800	290	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	280	UD	1800	280	ug/Kg
98-86-2	Acetophenone	260	UD	1800	260	ug/Kg
106-44-5	3+4-Methylphenols	280	UD	1800	280	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	290	UD	1800	290	ug/Kg
67-72-1	Hexachloroethane	300	UD	1800	300	ug/Kg
98-95-3	Nitrobenzene	380	UD	1800	380	ug/Kg
78-59-1	Isophorone	260	UD	1800	260	ug/Kg
88-75-5	2-Nitrophenol	270	UD	1800	270	ug/Kg
105-67-9	2,4-Dimethylphenol	280	UD	1800	280	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	290	UD	1800	290	ug/Kg
120-83-2	2,4-Dichlorophenol	320	UD	1800	320	ug/Kg
91-20-3	Naphthalene	300	UD	1800	300	ug/Kg
106-47-8	4-Chloroaniline	210	UD	1800	210	ug/Kg
87-68-3	Hexachlorobutadiene	270	UD	1800	270	ug/Kg
105-60-2	Caprolactam	280	UD	1800	280	ug/Kg
59-50-7	4-Chloro-3-methylphenol	240	UD	1800	240	ug/Kg
91-57-6	2-Methylnaphthalene	290	UD	1800	290	ug/Kg
77-47-4	Hexachlorocyclopentadiene	280	UD	1800	280	ug/Kg
88-06-2	2,4,6-Trichlorophenol	260	UD	1800	260	ug/Kg
95-95-4	2,4,5-Trichlorophenol	270	UD	4400	270	ug/Kg
92-52-4	1,1-Biphenyl	290	UD	1800	290	ug/Kg
91-58-7	2-Chloronaphthalene	290	UD	1800	290	ug/Kg
88-74-4	2-Nitroaniline	220	UD	4400	220	ug/Kg
131-11-3	Dimethylphthalate	280	UD	1800	280	ug/Kg
208-96-8	Acenaphthylene	290	UD	1800	290	ug/Kg
606-20-2	2,6-Dinitrotoluene	250	UD	1800	250	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	7/19/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	7/20/2006
Client Sample ID:	GE-53-18DL	SDG No.:	X3782
Lab Sample ID:	X3782-04DL	Matrix:	SOIL
Analytical Method:	8270	% Moisture:	6
Sample Wt/Vol:	30.1 g	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032751.D	5	7/24/2006	7/27/2006	BE072006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	230	UD	4400	230	ug/Kg
83-32-9	Acenaphthene	310	UD	1800	310	ug/Kg
51-28-5	2,4-Dinitrophenol	1500	UD	4400	1500	ug/Kg
100-02-7	4-Nitrophenol	220	UD	4400	220	ug/Kg
132-64-9	Dibenzofuran	290	UD	1800	290	ug/Kg
121-14-2	2,4-Dinitrotoluene	260	UD	1800	260	ug/Kg
84-66-2	Diethylphthalate	300	UD	1800	300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	280	UD	1800	280	ug/Kg
86-73-7	Fluorene	300	UD	1800	300	ug/Kg
100-01-6	4-Nitroaniline	300	UD	4400	300	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	340	UD	4400	340	ug/Kg
86-30-6	N-Nitrosodiphenylamine	290	UD	1800	290	ug/Kg
101-55-3	4-Bromophenyl-phenylether	260	UD	1800	260	ug/Kg
118-74-1	Hexachlorobenzene	280	UD	1800	280	ug/Kg
1912-24-9	Atrazine	270	UD	1800	270	ug/Kg
87-86-5	Pentachlorophenol	410	UD	4400	410	ug/Kg
85-01-8	Phenanthrene	280	UD	1800	280	ug/Kg
120-12-7	Anthracene	260	UD	1800	260	ug/Kg
86-74-8	Carbazole	270	UD	1800	270	ug/Kg
84-74-2	Di-n-butylphthalate	270	UD	1800	270	ug/Kg
206-44-0	Fluoranthene	940	JD	1800	260	ug/Kg
129-00-0	Pyrene	4000	D	1800	310	ug/Kg
85-68-7	Butylbenzylphthalate	280	UD	1800	280	ug/Kg
91-94-1	3,3-Dichlorobenzidine	300	UD	1800	300	ug/Kg
56-55-3	Benzo(a)anthracene	1400	JD	1800	250	ug/Kg
218-01-9	Chrysene	1700	JD	1800	320	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	340	UD	1800	340	ug/Kg
117-84-0	Di-n-octyl phthalate	300	UD	1800	300	ug/Kg
205-99-2	Benzo(b)fluoranthene	3200	D	1800	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300	JD	1800	390	ug/Kg
50-32-8	Benzo(a)pyrene	2000	D	1800	280	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	7/19/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	7/20/2006
Client Sample ID:	GE-53-18DL	SDG No.:	X3782
Lab Sample ID:	X3782-04DL	Matrix:	SOIL
Analytical Method:	8270	% Moisture:	6
Sample Wt/Wol:	30.1 g	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032751.D	5	7/24/2006	7/27/2006	BE072006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	1200	JD	1800	220	ug/Kg
53-70-3	Dibenz(a,h)anthracene	220	UD	1800	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2000	D	1800	290	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	124	83 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	135.8	91 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	82.7	83 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	106.5	107 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	65.05	43 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	179	179 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	210079	4.20			
1146-65-2	Naphthalene-d8	769247	5.36			
15067-26-2	Acenaphthene-d10	364855	7.06			
1517-22-2	Phenanthrene-d10	426252	8.52			
1719-03-5	Chrysene-d12	90506	11.14			
1520-96-3	Perylene-d12	40251	12.76			

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	7/19/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	7/20/2006
Client Sample ID:	GE-53-19	SDG No.:	X3782
Lab Sample ID:	X3782-06	Matrix:	SOIL
Analytical Method:	8270	% Moisture:	5
Sample Wt/Vol:	30.2 g	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032679.D	1	7/24/2006	7/25/2006	BE072006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	71	U	350	71	ug/Kg
108-95-2	Phenol	52	U	350	52	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55	U	350	55	ug/Kg
95-57-8	2-Chlorophenol	55	U	350	55	ug/Kg
95-48-7	2-Methylphenol	58	U	350	58	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	56	U	350	56	ug/Kg
98-86-2	Acetophenone	51	U	350	51	ug/Kg
106-44-5	3+4-Methylphenols	55	U	350	55	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	57	U	350	57	ug/Kg
67-72-1	Hexachloroethane	59	U	350	59	ug/Kg
98-95-3	Nitrobenzene	76	U	350	76	ug/Kg
78-59-1	Isophorone	52	U	350	52	ug/Kg
88-75-5	2-Nitrophenol	53	U	350	53	ug/Kg
105-67-9	2,4-Dimethylphenol	55	U	350	55	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57	U	350	57	ug/Kg
120-83-2	2,4-Dichlorophenol	64	U	350	64	ug/Kg
91-20-3	Naphthalene	140	J	350	59	ug/Kg
106-47-8	4-Chloroaniline	41	U	350	41	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	350	53	ug/Kg
105-60-2	Caprolactam	56	U	350	56	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	350	48	ug/Kg
91-57-6	2-Methylnaphthalene	60	J	350	58	ug/Kg
77-47-4	Hexachlorocyclopentadiene	55	U	350	55	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	350	51	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53	U	870	53	ug/Kg
92-52-4	1,1-Biphenyl	57	U	350	57	ug/Kg
91-58-7	2-Chloronaphthalene	57	U	350	57	ug/Kg
88-74-4	2-Nitroaniline	44	U	870	44	ug/Kg
131-11-3	Dimethylphthalate	56	U	350	56	ug/Kg
208-96-8	Acenaphthylene	88	J	350	56	ug/Kg
606-20-2	2,6-Dinitrotoluene	49	U	350	49	ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	7/19/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	7/20/2006
Client Sample ID:	GE-53-19	SDG No.:	X3782
Lab Sample ID:	X3782-06	Matrix:	SOIL
Analytical Method:	8270	% Moisture:	5
Sample Wt/Vol:	30.2 g	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032679.D	1	7/24/2006	7/25/2006	BE072006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	45	U	870	45	ug/Kg
83-32-9	Acenaphthene	62	U	350	62	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	870	300	ug/Kg
100-02-7	4-Nitrophenol	43	U	870	43	ug/Kg
132-64-9	Dibenzofuran	57	U	350	57	ug/Kg
121-14-2	2,4-Dinitrotoluene	51	U	350	51	ug/Kg
84-66-2	Diethylphthalate	60	U	350	60	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	350	55	ug/Kg
86-73-7	Fluorene	58	U	350	58	ug/Kg
100-01-6	4-Nitroaniline	59	U	870	59	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	67	U	870	67	ug/Kg
86-30-6	N-Nitrosodiphenylamine	57	U	350	57	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52	U	350	52	ug/Kg
118-74-1	Hexachlorobenzene	55	U	350	55	ug/Kg
1912-24-9	Atrazine	53	U	350	53	ug/Kg
87-86-5	Pentachlorophenol	80	U	870	80	ug/Kg
85-01-8	Phenanthrene	170	J	350	55	ug/Kg
120-12-7	Anthracene	90	J	350	52	ug/Kg
86-74-8	Carbazole	53	U	350	53	ug/Kg
84-74-2	Di-n-butylphthalate	53	U	350	53	ug/Kg
206-44-0	Fluoranthene	780		350	51	ug/Kg
129-00-0	Pyrene	1100		350	61	ug/Kg
85-68-7	Butylbenzylphthalate	56	U	350	56	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	350	59	ug/Kg
56-55-3	Benzo(a)anthracene	460		350	48	ug/Kg
218-01-9	Chrysene	470		350	62	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	170	J	350	66	ug/Kg
117-84-0	Di-n-octyl phthalate	59	U	350	59	ug/Kg
205-99-2	Benzo(b)fluoranthene	740		350	38	ug/Kg
207-08-9	Benzo(k)fluoranthene	270	J	350	76	ug/Kg
50-32-8	Benzo(a)pyrene	360		350	55	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	7/19/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	7/20/2006
Client Sample ID:	GE-53-19	SDG No.:	X3782
Lab Sample ID:	X3782-06	Matrix:	SOIL
Analytical Method:	8270	% Moisture:	5
Sample Wt/Vol:	30.2 g	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032679.D	1	7/24/2006	7/25/2006	BE072006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	130	J	350	44	ug/Kg
53-70-3	Dibenz(a,h)anthracene	43	U	350	43	ug/Kg
191-24-2	Benzo(g,h,i)perylene	270	J	350	57	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	96.36	64 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	96.79	65 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	76.4	76 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	69.76	70 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	102.71	68 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	125.78	126 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	283686	4.26			
1146-65-2	Naphthalene-d8	1015155	5.43			
15067-26-2	Acenaphthene-d10	514556	7.13			
1517-22-2	Phenanthrene-d10	696879	8.59			
1719-03-5	Chrysene-d12	235150	11.22			
1520-96-3	Perylene-d12	86149	12.88			
TENTITIVE IDENTIFIED COMPOUNDS						
57-55-6	Propylene Glycol	300	J	2.23		ug/Kg
	ACP2.98	2400	A	2.98		ug/Kg
80-56-8	.alpha.-Pinene	330	J	3.67		ug/Kg
	unknown6.35	94	J	6.35		ug/Kg
314-40-9	Bromacil	200	J	9.23		ug/Kg
3674-65-5	Phenanthrene, 2,3-dimethyl-	77	J	9.64		ug/Kg
5737-13-3	Cyclopenta(def)phenanthrenone	76	J	9.72		ug/Kg
243-17-4	11H-Benzo[b]fluorene	90	J	10.25		ug/Kg
33543-31-6	Fluoranthene, 2-methyl-	96	J	10.33		ug/Kg
238-84-6	11H-Benzo[a]fluorene	120	J	10.45		ug/Kg
7683-64-9	Squalene	630	J	12.20		ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/19/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/20/2006
Client Sample ID:	GE-53-19RE	**SDG No.:**	X3782
Lab Sample ID:	X3782-06RE	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	5
Sample Wt/Vol:	30.2 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032750.D	1	7/24/2006	7/27/2006	BE072006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	71	U	350	71	ug/Kg
108-95-2	Phenol	52	U	350	52	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55	U	350	55	ug/Kg
95-57-8	2-Chlorophenol	55	U	350	55	ug/Kg
95-48-7	2-Methylphenol	58	U	350	58	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	56	U	350	56	ug/Kg
98-86-2	Acetophenone	51	U	350	51	ug/Kg
106-44-5	3+4-Methylphenols	55	U	350	55	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	57	U	350	57	ug/Kg
67-72-1	Hexachloroethane	59	U	350	59	ug/Kg
98-95-3	Nitrobenzene	76	U	350	76	ug/Kg
78-59-1	Isophorone	52	U	350	52	ug/Kg
88-75-5	2-Nitrophenol	53	U	350	53	ug/Kg
105-67-9	2,4-Dimethylphenol	55	U	350	55	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57	U	350	57	ug/Kg
120-83-2	2,4-Dichlorophenol	64	U	350	64	ug/Kg
91-20-3	Naphthalene	140	J	350	59	ug/Kg
106-47-8	4-Chloroaniline	41	U	350	41	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	350	53	ug/Kg
105-60-2	Caprolactam	56	U	350	56	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	350	48	ug/Kg
91-57-6	2-Methylnaphthalene	59	J	350	58	ug/Kg
77-47-4	Hexachlorocyclopentadiene	55	U	350	55	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	350	51	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53	U	870	53	ug/Kg
92-52-4	1,1-Biphenyl	57	U	350	57	ug/Kg
91-58-7	2-Chloronaphthalene	57	U	350	57	ug/Kg
88-74-4	2-Nitroaniline	44	U	870	44	ug/Kg
131-11-3	Dimethylphthalate	56	U	350	56	ug/Kg
208-96-8	Acenaphthylene	68	J	350	56	ug/Kg
606-20-2	2,6-Dinitrotoluene	49	U	350	49	ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/19/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/20/2006
Client Sample ID:	GE-53-19RE	**SDG No.:**	X3782
Lab Sample ID:	X3782-06RE	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	5
Sample Wt/Wol:	30.2 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032750.D	1	7/24/2006	7/27/2006	BE072006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	45	U	870	45	ug/Kg
83-32-9	Acenaphthene	62	U	350	62	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	870	300	ug/Kg
100-02-7	4-Nitrophenol	43	U	870	43	ug/Kg
132-64-9	Dibenzofuran	57	U	350	57	ug/Kg
121-14-2	2,4-Dinitrotoluene	51	U	350	51	ug/Kg
84-66-2	Diethylphthalate	60	U	350	60	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	350	55	ug/Kg
86-73-7	Fluorene	58	U	350	58	ug/Kg
100-01-6	4-Nitroaniline	59	U	870	59	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	67	U	870	67	ug/Kg
86-30-6	N-Nitrosodiphenylamine	57	U	350	57	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52	U	350	52	ug/Kg
118-74-1	Hexachlorobenzene	55	U	350	55	ug/Kg
1912-24-9	Atrazine	53	U	350	53	ug/Kg
87-86-5	Pentachlorophenol	80	U	870	80	ug/Kg
85-01-8	Phenanthrene	160	J	350	55	ug/Kg
120-12-7	Anthracene	81	J	350	52	ug/Kg
86-74-8	Carbazole	53	U	350	53	ug/Kg
84-74-2	Di-n-butylphthalate	53	U	350	53	ug/Kg
206-44-0	Fluoranthene	650		350	51	ug/Kg
129-00-0	Pyrene	1200		350	61	ug/Kg
85-68-7	Butylbenzylphthalate	56	U	350	56	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	350	59	ug/Kg
56-55-3	Benzo(a)anthracene	470		350	48	ug/Kg
218-01-9	Chrysene	460		350	62	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	160	J	350	66	ug/Kg
117-84-0	Di-n-octyl phthalate	59	U	350	59	ug/Kg
205-99-2	Benzo(b)fluoranthene	640		350	38	ug/Kg
207-08-9	Benzo(k)fluoranthene	280	J	350	76	ug/Kg
50-32-8	Benzo(a)pyrene	360		350	55	ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/19/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/20/2006
Client Sample ID:	GE-53-19RE	**SDG No.:**	X3782
Lab Sample ID:	X3782-06RE	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	5
Sample Wt/Wol:	30.2 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032750.D	1	7/24/2006	7/27/2006	BE072006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	200	J	350	44	ug/Kg
53-70-3	Dibenz(a,h)anthracene	43	U	350	43	ug/Kg
191-24-2	Benzo(g,h,i)perylene	330	J	350	57	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	98.89	66 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	98.7	66 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	73.01	73 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	74.06	74 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	80.92	54 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	139.95	140 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	262671	4.20			
1146-65-2	Naphthalene-d8	943741	5.36			
15067-26-2	Acenaphthene-d10	455352	7.06			
1517-22-2	Phenanthrene-d10	522898	8.52			
1719-03-5	Chrysene-d12	128591	11.14			
1520-96-3	Perylene-d12	59710	12.76			

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/19/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/20/2006
Client Sample ID:	GE-53-20	**SDG No.:**	X3782
Lab Sample ID:	X3782-08	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	8
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032667.D	1	7/24/2006	7/24/2006	BE072006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	74	U	360	74	ug/Kg
108-95-2	Phenol	54	U	360	54	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57	U	360	57	ug/Kg
95-57-8	2-Chlorophenol	57	U	360	57	ug/Kg
95-48-7	2-Methylphenol	60	U	360	60	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58	U	360	58	ug/Kg
98-86-2	Acetophenone	53	U	360	53	ug/Kg
106-44-5	3+4-Methylphenols	57	U	360	57	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	59	U	360	59	ug/Kg
67-72-1	Hexachloroethane	61	U	360	61	ug/Kg
98-95-3	Nitrobenzene	78	U	360	78	ug/Kg
78-59-1	Isophorone	54	U	360	54	ug/Kg
88-75-5	2-Nitrophenol	55	U	360	55	ug/Kg
105-67-9	2,4-Dimethylphenol	57	U	360	57	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	59	U	360	59	ug/Kg
120-83-2	2,4-Dichlorophenol	66	U	360	66	ug/Kg
91-20-3	Naphthalene	61	U	360	61	ug/Kg
106-47-8	4-Chloroaniline	43	U	360	43	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	360	55	ug/Kg
105-60-2	Caprolactam	58	U	360	58	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	360	50	ug/Kg
91-57-6	2-Methylnaphthalene	60	U	360	60	ug/Kg
77-47-4	Hexachlorocyclopentadiene	57	U	360	57	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	360	53	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	900	55	ug/Kg
92-52-4	1,1-Biphenyl	59	U	360	59	ug/Kg
91-58-7	2-Chloronaphthalene	60	U	360	60	ug/Kg
88-74-4	2-Nitroaniline	46	U	900	46	ug/Kg
131-11-3	Dimethylphthalate	58	U	360	58	ug/Kg
208-96-8	Acenaphthylene	58	U	360	58	ug/Kg
606-20-2	2,6-Dinitrotoluene	51	U	360	51	ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/19/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/20/2006
Client Sample ID:	GE-53-20	**SDG No.:**	X3782
Lab Sample ID:	X3782-08	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	8
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032667.D	1	7/24/2006	7/24/2006	BE072006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	47	U	900	47	ug/Kg
83-32-9	Acenaphthene	64	U	360	64	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	900	310	ug/Kg
100-02-7	4-Nitrophenol	44	U	900	44	ug/Kg
132-64-9	Dibenzofuran	59	U	360	59	ug/Kg
121-14-2	2,4-Dinitrotoluene	53	U	360	53	ug/Kg
84-66-2	Diethylphthalate	62	U	360	62	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	360	57	ug/Kg
86-73-7	Fluorene	61	U	360	61	ug/Kg
100-01-6	4-Nitroaniline	61	U	900	61	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70	U	900	70	ug/Kg
86-30-6	N-Nitrosodiphenylamine	59	U	360	59	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	360	54	ug/Kg
118-74-1	Hexachlorobenzene	57	U	360	57	ug/Kg
1912-24-9	Atrazine	55	U	360	55	ug/Kg
87-86-5	Pentachlorophenol	83	U	900	83	ug/Kg
85-01-8	Phenanthrene	260	J	360	57	ug/Kg
120-12-7	Anthracene	54	U	360	54	ug/Kg
86-74-8	Carbazole	55	U	360	55	ug/Kg
84-74-2	Di-n-butylphthalate	260	J	360	55	ug/Kg
206-44-0	Fluoranthene	320	J	360	53	ug/Kg
129-00-0	Pyrene	250	J	360	63	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	360	58	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	360	61	ug/Kg
56-55-3	Benzo(a)anthracene	140	J	360	50	ug/Kg
218-01-9	Chrysene	180	J	360	64	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	69	U	360	69	ug/Kg
117-84-0	Di-n-octyl phthalate	61	U	360	61	ug/Kg
205-99-2	Benzo(b)fluoranthene	250	J	360	39	ug/Kg
207-08-9	Benzo(k)fluoranthene	98	J	360	79	ug/Kg
50-32-8	Benzo(a)pyrene	130	J	360	57	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	7/19/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	7/20/2006
Client Sample ID:	GE-53-20	SDG No.:	X3782
Lab Sample ID:	X3782-08	Matrix:	SOIL
Analytical Method:	8270	% Moisture:	8
Sample Wt/Vol:	30.1 g	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032667.D	1	7/24/2006	7/24/2006	BE072006

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	68	J	360	46	ug/Kg
53-70-3	Dibenz(a,h)anthracene	45	U	360	45	ug/Kg
191-24-2	Benzo(g,h,i)perylene	82	J	360	59	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	95.68	64 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	95.82	64 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	75.22	75 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	72.51	73 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	99.8	67 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	75.78	76 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	253642	4.30			
1146-65-2	Naphthalene-d8	903914	5.48			
15067-26-2	Acenaphthene-d10	443828	7.19			
1517-22-2	Phenanthrene-d10	610737	8.65			
1719-03-5	Chrysene-d12	408242	11.28			
1520-96-3	Perylene-d12	236681	12.99			
TENTITIVE IDENTIFIED COMPOUNDS						
57-55-6	Propylene Glycol	140	J	2.25		ug/Kg
	ACP3.01	2400	A	3.01		ug/Kg
55720-37-1	Naphthalene, 1,3,7-trichloro-	100	J	8.42		ug/Kg
544-76-3	Hexadecane	84	J	8.97		ug/Kg
832-69-9	Phenanthrene, 1-methyl-	83	J	9.15		ug/Kg
613-12-7	Anthracene, 2-methyl-	90	J	9.18		ug/Kg
20020-02-4	Naphthalene, 1,2,3,4-tetrachloro-	100	J	9.58		ug/Kg
	Unknown9.72	86	J	9.72		ug/Kg
111-02-4	2,6,10,14,18,22-Tetracosahexaene,	270	J	12.28		ug/Kg
192-97-2	Benzo[e]pyrene	180	J	12.82		ug/Kg

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Hit Summary Report

SDG No.: X3782 Order ID: X3782

Client: PB/STV/PTG Joint Venture Project ID: MTA/LIRR East side access-GEC Co

Test: SVOCMS Group1

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	GE-53-17							
X3782-02	GE-53-17	SOIL	bis(2-Ethylhexyl)phthalate	180	J	350	67	ug/Kg
X3782-02	GE-53-17	SOIL	Benzo(b)fluoranthene	84	J	350	39	ug/Kg
X3782-02	GE-53-17	SOIL	R-(-)-1,2-propanediol	* 160	J	0	0	ug/Kg
X3782-02	GE-53-17	SOIL	ACP2.98	* 2700	A	0	0	ug/Kg
X3782-02	GE-53-17	SOIL	unknown6.35	* 120	J	0	0	ug/Kg
X3782-02	GE-53-17	SOIL	Anthracene, 1-methyl-	* 83	J	0	0	ug/Kg
X3782-02	GE-53-17	SOIL	Cyclotetracosane	* 120	J	0	0	ug/Kg
X3782-02	GE-53-17	SOIL	unknown11.93	* 300	J	0	0	ug/Kg
X3782-02	GE-53-17	SOIL	13-Docosenamide, (Z)-	* 360	J	0	0	ug/Kg
X3782-02	GE-53-17	SOIL	Squalene	* 420	J	0	0	ug/Kg
			Total SVOC's:	264.00				
			Total TIC's:	4263.00				
			Total SVOC's and TIC's:	4527.00				
Client ID:	GE-53-17RE							
X3782-02RE	GE-53-17RE	SOIL	Benzo(b)fluoranthene	68	J	350	39	ug/Kg
			Total SVOC's:	68.00				
			Total TIC's:	0.00				
			Total SVOC's and TIC's:	68.00				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

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Hit Summary Report

SDG No.: X3782 Order ID: X3782

Client: PB/STV/PTG Joint Venture Project ID: MTA/LIRR East side access-GEC Co

Test: SVOCMS Group1

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	GE-53-18							
X3782-04	GE-53-18	SOIL	Naphthalene	160	J	350	60	ug/Kg
X3782-04	GE-53-18	SOIL	2-Methylnaphthalene	78	J	350	59	ug/Kg
X3782-04	GE-53-18	SOIL	Acenaphthylene	310	J	350	57	ug/Kg
X3782-04	GE-53-18	SOIL	Dibenzofuran	61	J	350	58	ug/Kg
X3782-04	GE-53-18	SOIL	Phenanthrene	250	J	350	56	ug/Kg
X3782-04	GE-53-18	SOIL	Anthracene	280	J	350	53	ug/Kg
X3782-04	GE-53-18	SOIL	Fluoranthene	1100		350	52	ug/Kg
X3782-04	GE-53-18	SOIL	Pyrene	2800		350	62	ug/Kg
X3782-04	GE-53-18	SOIL	Benzo(a)anthracene	1400		350	49	ug/Kg
X3782-04	GE-53-18	SOIL	Chrysene	1700		350	63	ug/Kg
X3782-04	GE-53-18	SOIL	Benzo(k)fluoranthene	1200		350	77	ug/Kg
X3782-04	GE-53-18	SOIL	Benzo(a)pyrene	2000		350	56	ug/Kg
X3782-04	GE-53-18	SOIL	Indeno(1,2,3-cd)pyrene	660		350	45	ug/Kg
X3782-04	GE-53-18	SOIL	Dibenz(a,h)anthracene	100	J	350	44	ug/Kg
X3782-04	GE-53-18	SOIL	Benzo(g,h,i)perylene	1300		350	58	ug/Kg
X3782-04	GE-53-18	SOIL	Propylene Glycol	* 260	J	0	0	ug/Kg
X3782-04	GE-53-18	SOIL	ACP2.98	* 2600	A	0	0	ug/Kg
X3782-04	GE-53-18	SOIL	unknown6.35	* 94	J	0	0	ug/K
X3782-04	GE-53-18	SOIL	Biphenyl	* 100	J	0	0	ug/Kg
X3782-04	GE-53-18	SOIL	1H-Cyclopropa[l]phenanthren	* 86	J	0	0	ug/Kg
X3782-04	GE-53-18	SOIL	9,10-Dimethylanthracene	* 86	J	0	0	ug/Kg
X3782-04	GE-53-18	SOIL	Cyclopenta(def)phenanthreno	* 160	J	0	0	ug/Kg
X3782-04	GE-53-18	SOIL	Pyrene, 1-methyl-	* 120	J	0	0	ug/Kg
X3782-04	GE-53-18	SOIL	Fluoranthene, 2-methyl-	* 89	J	0	0	ug/Kg
X3782-04	GE-53-18	SOIL	11H-Benzo[b]fluorene	* 230	J	0	0	ug/Kg
X3782-04	GE-53-18	SOIL	7H-Benzo[c]fluorene	* 130	J	0	0	ug/Kg
X3782-04	GE-53-18	SOIL	Pyrene, 2-methyl-	* 190	J	0	0	ug/Kg
X3782-04	GE-53-18	SOIL	Pyrene, 4-methyl-	* 180	J	0	0	ug/Kg
X3782-04	GE-53-18	SOIL	unknown10.58	* 110	J	0	0	ug/Kg
X3782-04	GE-53-18	SOIL	1,1-Biphenyl, 2,3,3,4,4,5-hexa	* 84	J	0	0	ug/Kg
X3782-04	GE-53-18	SOIL	unknown11.93	* 140	J	0	0	ug/Kg
X3782-04	GE-53-18	SOIL	9-Octadecenamide, (Z)-	* 720	J	0	0	ug/Kg
X3782-04	GE-53-18	SOIL	Squalene	* 830	J	0	0	ug/Kg
X3782-04	GE-53-18	SOIL	Benzo[j]fluoranthene	* 480	J	0	0	ug/Kg
X3782-04	GE-53-18	SOIL	Benzo[e]pyrene	* 2000	J	0	0	ug/Kg

Total SVOC's:	13399.00
Total TIC's:	8689.00
Total SVOC's and TIC's:	22088.00

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

Hit Summary Report

SDG No.: X3782 Order ID: X3782

Client: PB/STV/PTG Joint Venture Project ID: MTA/LIRR East side access-GEC Co

Test: SVOCMS Group1

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	GE-53-18DL							
X3782-04DL	GE-53-18DL	SOIL	Fluoranthene	940	JD	1800	260	ug/Kg
X3782-04DL	GE-53-18DL	SOIL	Pyrene	4000	D	1800	310	ug/Kg
X3782-04DL	GE-53-18DL	SOIL	Benzo(a)anthracene	1400	JD	1800	250	ug/Kg
X3782-04DL	GE-53-18DL	SOIL	Chrysene	1700	JD	1800	320	ug/Kg
X3782-04DL	GE-53-18DL	SOIL	Benzo(b)fluoranthene	3200	D	1800	190	ug/Kg
X3782-04DL	GE-53-18DL	SOIL	Benzo(k)fluoranthene	1300	JD	1800	390	ug/Kg
X3782-04DL	GE-53-18DL	SOIL	Benzo(a)pyrene	2000	D	1800	280	ug/Kg
X3782-04DL	GE-53-18DL	SOIL	Indeno(1,2,3-cd)pyrene	1200	JD	1800	220	ug/Kg
X3782-04DL	GE-53-18DL	SOIL	Benzo(g,h,i)perylene	2000	D	1800	290	ug/Kg

Total SVOC's:	17740.00
Total TIC's:	0.00
Total SVOC's and TIC's:	17740.00

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

Hit Summary Report

SDG No.: X3782 Order ID: X3782

Client: PB/STV/PTG Joint Venture Project ID: MTA/LIRR East side access-GEC Co

Test: SVOCMS Group1

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	GE-53-19							
X3782-06	GE-53-19	SOIL	Naphthalene	140	J	350	59	ug/Kg
X3782-06	GE-53-19	SOIL	2-Methylnaphthalene	60	J	350	58	ug/Kg
X3782-06	GE-53-19	SOIL	Acenaphthylene	88	J	350	56	ug/Kg
X3782-06	GE-53-19	SOIL	Phenanthrene	170	J	350	55	ug/Kg
X3782-06	GE-53-19	SOIL	Anthracene	90	J	350	52	ug/Kg
X3782-06	GE-53-19	SOIL	Fluoranthene	780		350	51	ug/Kg
X3782-06	GE-53-19	SOIL	Pyrene	1100		350	61	ug/Kg
X3782-06	GE-53-19	SOIL	Benzo(a)anthracene	460		350	48	ug/Kg
X3782-06	GE-53-19	SOIL	Chrysene	470		350	62	ug/Kg
X3782-06	GE-53-19	SOIL	bis(2-Ethylhexyl)phthalate	170	J	350	66	ug/Kg
X3782-06	GE-53-19	SOIL	Benzo(b)fluoranthene	740		350	38	ug/Kg
X3782-06	GE-53-19	SOIL	Benzo(k)fluoranthene	270	J	350	76	ug/Kg
X3782-06	GE-53-19	SOIL	Benzo(a)pyrene	360		350	55	ug/Kg
X3782-06	GE-53-19	SOIL	Indeno(1,2,3-cd)pyrene	130	J	350	44	ug/Kg
X3782-06	GE-53-19	SOIL	Benzo(g,h,i)perylene	270	J	350	57	ug/Kg
X3782-06	GE-53-19	SOIL	Propylene Glycol	* 300	J	0	0	ug/Kg
X3782-06	GE-53-19	SOIL	ACP2.98	* 2400	A	0	0	ug/Kg
X3782-06	GE-53-19	SOIL	.alpha.-Pinene	* 330	J	0	0	ug/K
X3782-06	GE-53-19	SOIL	unknown6.35	* 94	J	0	0	ug/Kg
X3782-06	GE-53-19	SOIL	Bromacil	* 200	J	0	0	ug/Kg
X3782-06	GE-53-19	SOIL	Phenanthrene, 2,3-dimethyl-	* 77	J	0	0	ug/Kg
X3782-06	GE-53-19	SOIL	Cyclopenta(def)phenanthreno	* 76	J	0	0	ug/Kg
X3782-06	GE-53-19	SOIL	11H-Benzo[b]fluorene	* 90	J	0	0	ug/Kg
X3782-06	GE-53-19	SOIL	Fluoranthene, 2-methyl-	* 96	J	0	0	ug/Kg
X3782-06	GE-53-19	SOIL	11H-Benzo[a]fluorene	* 120	J	0	0	ug/Kg
X3782-06	GE-53-19	SOIL	Squalene	* 630	J	0	0	ug/Kg

Total SVOC's:	5298.00
Total TIC's:	4413.00
Total SVOC's and TIC's:	9711.00

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

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Hit Summary Report

SDG No.: X3782 Order ID: X3782

Client: PB/STV/PTG Joint Venture Project ID: MTA/LIRR East side access-GEC Co

Test: SVOCMS Group1

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	GE-53-19RE							
X3782-06RE	GE-53-19RE	SOIL	Naphthalene	140	J	350	59	ug/Kg
X3782-06RE	GE-53-19RE	SOIL	2-Methylnaphthalene	59	J	350	58	ug/Kg
X3782-06RE	GE-53-19RE	SOIL	Acenaphthylene	68	J	350	56	ug/Kg
X3782-06RE	GE-53-19RE	SOIL	Phenanthrene	160	J	350	55	ug/Kg
X3782-06RE	GE-53-19RE	SOIL	Anthracene	81	J	350	52	ug/Kg
X3782-06RE	GE-53-19RE	SOIL	Fluoranthene	650		350	51	ug/Kg
X3782-06RE	GE-53-19RE	SOIL	Pyrene	1200		350	61	ug/Kg
X3782-06RE	GE-53-19RE	SOIL	Benzo(a)anthracene	470		350	48	ug/Kg
X3782-06RE	GE-53-19RE	SOIL	Chrysene	460		350	62	ug/Kg
X3782-06RE	GE-53-19RE	SOIL	bis(2-Ethylhexyl)phthalate	160	J	350	66	ug/Kg
X3782-06RE	GE-53-19RE	SOIL	Benzo(b)fluoranthene	640		350	38	ug/Kg
X3782-06RE	GE-53-19RE	SOIL	Benzo(k)fluoranthene	280	J	350	76	ug/Kg
X3782-06RE	GE-53-19RE	SOIL	Benzo(a)pyrene	360		350	55	ug/Kg
X3782-06RE	GE-53-19RE	SOIL	Indeno(1,2,3-cd)pyrene	200	J	350	44	ug/Kg
X3782-06RE	GE-53-19RE	SOIL	Benzo(g,h,i)perylene	330	J	350	57	ug/Kg

Total SVOC's:	5258.00
Total TIC's:	0.00
Total SVOC's and TIC's:	5258.00

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

Hit Summary Report

SDG No.: X3782 Order ID: X3782

Client: PB/STV/PTG Joint Venture Project ID: MTA/LIRR East side access-GEC Co

Test: SVOCMS Group1

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	GE-53-20							
X3782-08	GE-53-20	SOIL	Phenanthrene	260	J	360	57	ug/Kg
X3782-08	GE-53-20	SOIL	Di-n-butylphthalate	260	J	360	55	ug/Kg
X3782-08	GE-53-20	SOIL	Fluoranthene	320	J	360	53	ug/Kg
X3782-08	GE-53-20	SOIL	Pyrene	250	J	360	63	ug/Kg
X3782-08	GE-53-20	SOIL	Benzo(a)anthracene	140	J	360	50	ug/Kg
X3782-08	GE-53-20	SOIL	Chrysene	180	J	360	64	ug/Kg
X3782-08	GE-53-20	SOIL	Benzo(b)fluoranthene	250	J	360	39	ug/Kg
X3782-08	GE-53-20	SOIL	Benzo(k)fluoranthene	98	J	360	79	ug/Kg
X3782-08	GE-53-20	SOIL	Benzo(a)pyrene	130	J	360	57	ug/Kg
X3782-08	GE-53-20	SOIL	Indeno(1,2,3-cd)pyrene	68	J	360	46	ug/Kg
X3782-08	GE-53-20	SOIL	Benzo(g,h,i)perylene	82	J	360	59	ug/Kg
X3782-08	GE-53-20	SOIL	Propylene Glycol	* 140	J	0	0	ug/Kg
X3782-08	GE-53-20	SOIL	ACP3.01	* 2400	A	0	0	ug/Kg
X3782-08	GE-53-20	SOIL	Naphthalene, 1,3,7-trichloro-	* 100	J	0	0	ug/Kg
X3782-08	GE-53-20	SOIL	Hexadecane	* 84	J	0	0	ug/Kg
X3782-08	GE-53-20	SOIL	Phenanthrene, 1-methyl-	* 83	J	0	0	ug/Kg
X3782-08	GE-53-20	SOIL	Anthracene, 2-methyl-	* 90	J	0	0	ug/Kg
X3782-08	GE-53-20	SOIL	Naphthalene, 1,2,3,4-tetrachl	* 100	J	0	0	ug/K
X3782-08	GE-53-20	SOIL	Unknown9.72	* 86	J	0	0	ug/Kg
X3782-08	GE-53-20	SOIL	2,6,10,14,18,22-Tetracosahex	* 270	J	0	0	ug/Kg
X3782-08	GE-53-20	SOIL	Benzo[e]pyrene	* 180	J	0	0	ug/Kg

Total SVOC's:	2038.00
Total TIC's:	3533.00
Total SVOC's and TIC's:	5571.00

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	7/19/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	7/20/2006
Client Sample ID:	GE-53-17	SDG No.:	X3782
Lab Sample ID:	X3782-02	Matrix:	SOIL
Analytical Method:	8082	% Moisture:	6
Sample Wt/Vol:	15 g	Extract Vol:	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5005276.D	1	7/24/2006	7/31/2006	P5070106

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.7	U	18	2.7	ug/Kg
11104-28-2	AROCLOR 1221	4.2	U	18	4.2	ug/Kg
11141-16-5	AROCLOR 1232	6.2	U	18	6.2	ug/Kg
53469-21-9	AROCLOR 1242	5.5	U	18	5.5	ug/Kg
12672-29-6	AROCLOR 1248	2.7	U	18	2.7	ug/Kg
11097-69-1	AROCLOR 1254	1.8	U	18	1.8	ug/Kg
11096-82-5	AROCLOR 1260	90		18	4.5	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.48	82 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	15.36	77 %	58 - 125		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/19/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/20/2006
Client Sample ID:	GE-53-18	**SDG No.:**	X3782
Lab Sample ID:	X3782-04	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	6
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5005277.D	1	7/24/2006	7/31/2006	P5070106

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.7	U	18	2.7	ug/Kg
11104-28-2	AROCLOR 1221	4.2	U	18	4.2	ug/Kg
11141-16-5	AROCLOR 1232	6.2	U	18	6.2	ug/Kg
53469-21-9	AROCLOR 1242	5.5	U	18	5.5	ug/Kg
12672-29-6	AROCLOR 1248	2.7	U	18	2.7	ug/Kg
11097-69-1	AROCLOR 1254	1.7	U	18	1.7	ug/Kg
11096-82-5	AROCLOR 1260	4100	E	18	4.4	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.78	84 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	18.68	93 %	58 - 125		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/19/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/20/2006
Client Sample ID:	GE-53-18DL	**SDG No.:**	X3782
Lab Sample ID:	X3782-04DL	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	6
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5005311.D	20	7/24/2006	7/31/2006	P5070106

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	54	UD	360	54	ug/Kg
11104-28-2	AROCLOR 1221	83	UD	360	83	ug/Kg
11141-16-5	AROCLOR 1232	120	UD	360	120	ug/Kg
53469-21-9	AROCLOR 1242	110	UD	360	110	ug/Kg
12672-29-6	AROCLOR 1248	54	UD	360	54	ug/Kg
11097-69-1	AROCLOR 1254	35	UD	360	35	ug/Kg
11096-82-5	AROCLOR 1260	6600	D	360	89	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.6	103 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	53	265 %	58 - 125		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	7/19/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	7/20/2006
Client Sample ID:	GE-53-19	SDG No.:	X3782
Lab Sample ID:	X3782-06	Matrix:	SOIL
Analytical Method:	8082	% Moisture:	5
Sample Wt/Vol:	15 g	Extract Vol:	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5005278.D	1	7/24/2006	7/31/2006	P5070106

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.6	U	18	2.6	ug/Kg
11104-28-2	AROCLOR 1221	4.1	U	18	4.1	ug/Kg
11141-16-5	AROCLOR 1232	6.1	U	18	6.1	ug/Kg
53469-21-9	AROCLOR 1242	5.5	U	18	5.5	ug/Kg
12672-29-6	AROCLOR 1248	2.7	U	18	2.7	ug/Kg
11097-69-1	AROCLOR 1254	1.7	U	18	1.7	ug/Kg
11096-82-5	AROCLOR 1260	200		18	4.4	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.57	103 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	18.37	92 %	58 - 125		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/19/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	7/20/2006
Client Sample ID:	GE-53-20	**SDG No.:**	X3782
Lab Sample ID:	X3782-08	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	8
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5005279.D	1	7/24/2006	7/31/2006	P5070106

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.7	U	18	2.7	ug/Kg
11104-28-2	AROCLOR 1221	4.2	U	18	4.2	ug/Kg
11141-16-5	AROCLOR 1232	6.3	U	18	6.3	ug/Kg
53469-21-9	AROCLOR 1242	5.6	U	18	5.6	ug/Kg
12672-29-6	AROCLOR 1248	2.7	U	18	2.7	ug/Kg
11097-69-1	AROCLOR 1254	1.8	U	18	1.8	ug/Kg
11096-82-5	AROCLOR 1260	4.5	U	18	4.5	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.19	91 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	19.13	96 %	58 - 125		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Hit Summary Report

SDG No.: X3782
Client: PB/STV/PTG Joint Venture
Test: PCB

Order ID: X3782
Project ID: MTA/LIRR East side access-GEC Co

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	GE-53-17							
X3782-02	GE-53-17	SOIL	AROCLOR 1260	90		18	4.5	ug/Kg
		Total PCB's:		90.00				
Client ID:	GE-53-18							
X3782-04	GE-53-18	SOIL	AROCLOR 1260	4100	E	18	4.4	ug/Kg
		Total PCB's:		4100.00				
Client ID:	GE-53-18DL							
X3782-04DL	GE-53-18DL	SOIL	AROCLOR 1260	6600	D	360	89	ug/Kg
		Total PCB's:		6600.00				
Client ID:	GE-53-19							
X3782-06	GE-53-19	SOIL	AROCLOR 1260	200		18	4.4	ug/Kg
		Total PCB's:		200.00				

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/19/2006
Project:	MTA/LIRR East side a	**Date Received:**	7/20/2006
Client Sample ID:	GE-53-17	**SDG No.:**	X3782
Lab Sample ID:	X3782-02	**Matrix:**	SOIL
		% Solids:	94.20

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	4.180			mg/Kg	0.416	1	7/24/2006	7/26/2006	EPA SW-846 6010
7440-39-3	Barium	36.3			mg/Kg	0.076	1	7/24/2006	7/26/2006	EPA SW-846 6010
7440-43-9	Cadmium	0.035	U		mg/Kg	0.035	1	7/24/2006	7/26/2006	EPA SW-846 6010
7440-47-3	Chromium	10.2		N	mg/Kg	0.093	1	7/24/2006	7/26/2006	EPA SW-846 6010
7439-92-1	Lead	37.9		E	mg/Kg	0.306	1	7/24/2006	7/26/2006	EPA SW-846 6010
7439-97-6	Mercury	0.055		N	mg/Kg	0.006	1	7/26/2006	7/26/2006	EPA SW-846 7471
7782-49-2	Selenium	0.570	J		mg/Kg	0.362	1	7/24/2006	7/26/2006	EPA SW-846 6010
7440-22-4	Silver	0.084	U	N*	mg/Kg	0.084	1	7/24/2006	7/26/2006	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/19/2006
Project:	MTA/LIRR East side a	**Date Received:**	7/20/2006
Client Sample ID:	GE-53-18	**SDG No.:**	X3782
Lab Sample ID:	X3782-04	**Matrix:**	SOIL
		% Solids:	94.40

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	6.220			mg/Kg	0.415	1	7/24/2006	7/26/2006	EPA SW-846 6010
7440-39-3	Barium	31.7			mg/Kg	0.076	1	7/24/2006	7/26/2006	EPA SW-846 6010
7440-43-9	Cadmium	0.035	U		mg/Kg	0.035	1	7/24/2006	7/26/2006	EPA SW-846 6010
7440-47-3	Chromium	14.0		N	mg/Kg	0.093	1	7/24/2006	7/26/2006	EPA SW-846 6010
7439-92-1	Lead	75.1		E	mg/Kg	0.305	1	7/24/2006	7/26/2006	EPA SW-846 6010
7439-97-6	Mercury	0.082		N	mg/Kg	0.006	1	7/26/2006	7/26/2006	EPA SW-846 7471
7782-49-2	Selenium	0.824	J		mg/Kg	0.361	1	7/24/2006	7/26/2006	EPA SW-846 6010
7440-22-4	Silver	0.084	U	N*	mg/Kg	0.084	1	7/24/2006	7/26/2006	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/19/2006
Project:	MTA/LIRR East side a	**Date Received:**	7/20/2006
Client Sample ID:	GE-53-19	**SDG No.:**	X3782
Lab Sample ID:	X3782-06	**Matrix:**	SOIL
		% Solids:	94.70

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	1.730			mg/Kg	0.406	1	7/24/2006	7/26/2006	EPA SW-846 6010
7440-39-3	Barium	29.1			mg/Kg	0.075	1	7/24/2006	7/26/2006	EPA SW-846 6010
7440-43-9	Cadmium	0.034	U		mg/Kg	0.034	1	7/24/2006	7/26/2006	EPA SW-846 6010
7440-47-3	Chromium	10.4		N	mg/Kg	0.091	1	7/24/2006	7/26/2006	EPA SW-846 6010
7439-92-1	Lead	27.0		E	mg/Kg	0.298	1	7/24/2006	7/26/2006	EPA SW-846 6010
7439-97-6	Mercury	0.030		N	mg/Kg	0.006	1	7/26/2006	7/26/2006	EPA SW-846 7471
7782-49-2	Selenium	0.447	J		mg/Kg	0.353	1	7/24/2006	7/26/2006	EPA SW-846 6010
7440-22-4	Silver	0.082	U	N*	mg/Kg	0.082	1	7/24/2006	7/26/2006	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	7/19/2006
Project:	MTA/LIRR East side a	**Date Received:**	7/20/2006
Client Sample ID:	GE-53-20	**SDG No.:**	X3782
Lab Sample ID:	X3782-08	**Matrix:**	SOIL
		% Solids:	91.50

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	4.280			mg/Kg	0.424	1	7/24/2006	7/26/2006	EPA SW-846 6010
7440-39-3	Barium	44.2			mg/Kg	0.078	1	7/24/2006	7/26/2006	EPA SW-846 6010
7440-43-9	Cadmium	0.036	U		mg/Kg	0.036	1	7/24/2006	7/26/2006	EPA SW-846 6010
7440-47-3	Chromium	16.6		N	mg/Kg	0.095	1	7/24/2006	7/26/2006	EPA SW-846 6010
7439-92-1	Lead	87.6		E	mg/Kg	0.312	1	7/24/2006	7/26/2006	EPA SW-846 6010
7439-97-6	Mercury	0.034		N	mg/Kg	0.006	1	7/26/2006	7/26/2006	EPA SW-846 7471
7782-49-2	Selenium	0.848	J		mg/Kg	0.369	1	7/24/2006	7/26/2006	EPA SW-846 6010
7440-22-4	Silver	0.085	U	N*	mg/Kg	0.085	1	7/24/2006	7/26/2006	EPA SW-846 6010

Comments:

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J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

Chemtech Consulting Group

Hit Summary Sheet
SW-846

SDG No.: X3782 Order ID: X3782

Client: PB/STV/PTG Joint Venture Project ID: MTA/LIRR East side access-GEC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	GE-53-17							
X3782-02	GE-53-17	SOIL	Arsenic	4.180		1.060	0.416	mg/Kg
X3782-02	GE-53-17	SOIL	Barium	36.3		21.2	0.076	mg/Kg
X3782-02	GE-53-17	SOIL	Chromium	10.2		1.060	0.093	mg/Kg
X3782-02	GE-53-17	SOIL	Lead	37.9		0.531	0.306	mg/Kg
X3782-02	GE-53-17	SOIL	Mercury	0.055		0.011	0.006	mg/Kg
X3782-02	GE-53-17	SOIL	Selenium	0.570	J	1.060	0.362	mg/Kg
Client ID:	GE-53-18							
X3782-04	GE-53-18	SOIL	Arsenic	6.220		1.060	0.415	mg/Kg
X3782-04	GE-53-18	SOIL	Barium	31.7		21.2	0.076	mg/Kg
X3782-04	GE-53-18	SOIL	Chromium	14.0		1.060	0.093	mg/Kg
X3782-04	GE-53-18	SOIL	Lead	75.1		0.530	0.305	mg/Kg
X3782-04	GE-53-18	SOIL	Mercury	0.082		0.011	0.006	mg/Kg
X3782-04	GE-53-18	SOIL	Selenium	0.824	J	1.060	0.361	mg/Kg
Client ID:	GE-53-19							
X3782-06	GE-53-19	SOIL	Arsenic	1.730		1.040	0.406	mg/Kg
X3782-06	GE-53-19	SOIL	Barium	29.1		20.7	0.075	mg/Kg
X3782-06	GE-53-19	SOIL	Chromium	10.4		1.040	0.091	mg/Kg
X3782-06	GE-53-19	SOIL	Lead	27.0		0.518	0.298	mg/Kg
X3782-06	GE-53-19	SOIL	Mercury	0.030		0.011	0.006	mg/Kg
X3782-06	GE-53-19	SOIL	Selenium	0.447	J	1.040	0.353	mg/Kg
Client ID:	GE-53-20							
X3782-08	GE-53-20	SOIL	Arsenic	4.280		1.080	0.424	mg/Kg
X3782-08	GE-53-20	SOIL	Barium	44.2		21.6	0.078	mg/Kg
X3782-08	GE-53-20	SOIL	Chromium	16.6		1.080	0.095	mg/Kg
X3782-08	GE-53-20	SOIL	Lead	87.6		0.541	0.312	mg/Kg
X3782-08	GE-53-20	SOIL	Mercury	0.034		0.011	0.006	mg/Kg
X3782-08	GE-53-20	SOIL	Selenium	0.848	J	1.080	0.369	mg/Kg

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO. K3782
COC Number 059944

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: GEC
ADDRESS: 469 Seventh Avenue
CITY: New York STATE: NY ZIP:
ATTENTION: Romana Narozny
PHONE: (212) 643-2412 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: ESA-
PROJECT NO.: 0712023 LOCATION: Sunny Side Yard
5004 code
PROJECT MANAGER: Romana Narozny
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: Same as PO#:
ADDRESS: Client
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: DAYS *
HARD COPY: Standard DAYS *
EDD: Standard DAYS *
* TO BE APPROVED BY CHEMTECH
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☒ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other
☐ EDD FORMAT

ANALYSIS

1 TCL VOCs
2 TCL SVOCs
3 PCBs
4 RCRA Metals
5
6
7
8
9

PRESERVATIVES

1 2 3 4 5 6 7 8 9

COMMENTS

← Specify Preservatives
A – HCl B – HNO_3
C – H_2SO_4 D – NaOH
E – ICE F – Other

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9
1. 1	GE-53-17	So.1		X	07/19/06	1025	1 4oz	X								
2. 2	↓		X			↓	1 8oz		X	X	X	X				
3. 3	GE-53-18			X		1120	1 4oz	X								
4. 4	↓		X			↓	1 8oz		X	X	X	X				
5. 5	GE-53-19			X		1243	1 4oz	X								
6. 6	↓		X			↓	1 8oz		X	X	X					
7. 7	GE-53-20			X		1220	1 4oz	X								
8. 8	↓		X			↓	1 8oz		X	X	X					
9.																
10.																

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	07/20/06 1525	1.
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
2.		2.
RELINQUISHED BY:	DATE/TIME: 9:30	RECEIVED FOR LAB BY:
3.	7-20-06	3.

Conditions of bottles or coolers at receipt: ☒ Compliant ☐ Non Compliant Cooler Temp. 6°C
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments:
Ice in Cooler?: Yes

Page 1 of 1

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☒ OVERNIGHT
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☒ YES ☐ NO

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Revision 4/2005

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

GE 23-8, 21, 22, 23, 24, 25

EMTECH 284 Sheffield Street • Mountainside, NJ 07092 Phone: 908.789.8900 Fax: 908.789.8922

ANALYTICAL RESULTS SUMMARY

PROJECT NAME: MTA/LIRR East side access-GEC Contract

PB/STV/PTG JOINT VENTURE
469 7TH AVENUE, 14TH FLOOR
NEW YORK, NY 10018
2129041702

CHEMTECH PROJECT NO. **X2128**
ATTENTION: **Romana Narozik**

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	3/28/2006
Client Sample ID:	GE-53-8(2.5)	**SDG No.:**	X2128
Lab Sample ID:	X2128-01	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	11
Sample Wt/Wol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK005103.D	1	4/3/2006	VK033106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.7	U	27	4.7	ug/Kg
74-87-3	Chloromethane	4.7	U	27	4.7	ug/Kg
75-01-4	Vinyl chloride	4.5	U	27	4.5	ug/Kg
74-83-9	Bromomethane	11	U	27	11	ug/Kg
75-00-3	Chloroethane	12	U	27	12	ug/Kg
75-69-4	Trichlorofluoromethane	6.8	U	27	6.8	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.6	U	27	3.6	ug/Kg
75-35-4	1,1-Dichloroethene	3.1	U	27	3.1	ug/Kg
67-64-1	Acetone	18	U	140	18	ug/Kg
75-15-0	Carbon disulfide	2.0	U	27	2.0	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.0	U	27	2.0	ug/Kg
79-20-9	Methyl Acetate	4.7	U	27	4.7	ug/Kg
75-09-2	Methylene Chloride	10	U	27	10	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.5	U	27	3.5	ug/Kg
75-34-3	1,1-Dichloroethane	1.5	U	27	1.5	ug/Kg
110-82-7	Cyclohexane	1.8	U	27	1.8	ug/Kg
78-93-3	2-Butanone	15	U	140	15	ug/Kg
56-23-5	Carbon Tetrachloride	2.4	U	27	2.4	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.8	U	27	1.8	ug/Kg
67-66-3	Chloroform	1.9	U	27	1.9	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.3	U	27	2.3	ug/Kg
108-87-2	Methylcyclohexane	2.3	U	27	2.3	ug/Kg
71-43-2	Benzene	2.2	U	27	2.2	ug/Kg
107-06-2	1,2-Dichloroethane	1.7	U	27	1.7	ug/Kg
79-01-6	Trichloroethene	1.7	U	27	1.7	ug/Kg
78-87-5	1,2-Dichloropropane	2.2	U	27	2.2	ug/Kg
75-27-4	Bromodichloromethane	1.8	U	27	1.8	ug/Kg
108-10-1	4-Methyl-2-Pentanone	11	U	140	11	ug/Kg
108-88-3	Toluene	2.2	U	27	2.2	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.0	U	27	2.0	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.8	U	27	1.8	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.6	U	27	1.6	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	3/28/2006
Client Sample ID:	GE-53-8(2.5)	**SDG No.:**	X2128
Lab Sample ID:	X2128-01	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	11
Sample Wt/Wol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK005103.D	1	4/3/2006	VK033106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	20	U	140	20	ug/Kg
124-48-1	Dibromochloromethane	1.3	U	27	1.3	ug/Kg
106-93-4	1,2-Dibromoethane	2.2	U	27	2.2	ug/Kg
127-18-4	Tetrachloroethene	4.0	U	27	4.0	ug/Kg
108-90-7	Chlorobenzene	2.0	U	27	2.0	ug/Kg
100-41-4	Ethyl Benzene	1.9	U	27	1.9	ug/Kg
126777-61-2	m/p-Xylenes	4.7	U	55	4.7	ug/Kg
95-47-6	o-Xylene	2.1	U	27	2.1	ug/Kg
100-42-5	Styrene	2.5	U	27	2.5	ug/Kg
75-25-2	Bromoform	1.7	U	27	1.7	ug/Kg
98-82-8	Isopropylbenzene	2.3	U	27	2.3	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.7	U	27	1.7	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.0	U	27	3.0	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.0	U	27	3.0	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.1	U	27	2.1	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.1	U	27	5.1	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.7	U	27	3.7	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	44.89	90 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	46.56	93 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	47.03	94 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	44.79	90 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	298347	4.12			
540-36-3	1,4-Difluorobenzene	543101	4.56			
3114-55-4	Chlorobenzene-d5	479410	7.43			
3855-82-1	1,4-Dichlorobenzene-d4	234537	9.49			

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RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	3/27/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	3/28/2006
Client Sample ID:	GE-53-21(2.5)	SDG No.:	X2128
Lab Sample ID:	X2128-03	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	4
Sample Wt/Vol:	1.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK005104.D	1	4/3/2006	VK033106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.5	U	26	4.5	ug/Kg
74-87-3	Chloromethane	4.4	U	26	4.4	ug/Kg
75-01-4	Vinyl chloride	4.3	U	26	4.3	ug/Kg
74-83-9	Bromomethane	11	U	26	11	ug/Kg
75-00-3	Chloroethane	11	U	26	11	ug/Kg
75-69-4	Trichlorofluoromethane	6.5	U	26	6.5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.5	U	26	3.5	ug/Kg
75-35-4	1,1-Dichloroethene	3.0	U	26	3.0	ug/Kg
67-64-1	Acetone	18	U	130	18	ug/Kg
75-15-0	Carbon disulfide	1.9	U	26	1.9	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.9	U	26	1.9	ug/Kg
79-20-9	Methyl Acetate	4.5	U	26	4.5	ug/Kg
75-09-2	Methylene Chloride	9.5	U	26	9.5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.3	U	26	3.3	ug/Kg
75-34-3	1,1-Dichloroethane	1.4	U	26	1.4	ug/Kg
110-82-7	Cyclohexane	1.7	U	26	1.7	ug/Kg
78-93-3	2-Butanone	15	U	130	15	ug/Kg
56-23-5	Carbon Tetrachloride	2.3	U	26	2.3	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.7	U	26	1.7	ug/Kg
67-66-3	Chloroform	1.8	U	26	1.8	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.2	U	26	2.2	ug/Kg
108-87-2	Methylcyclohexane	2.2	U	26	2.2	ug/Kg
71-43-2	Benzene	2.1	U	26	2.1	ug/Kg
107-06-2	1,2-Dichloroethane	1.6	U	26	1.6	ug/Kg
79-01-6	Trichloroethene	1.6	U	26	1.6	ug/Kg
78-87-5	1,2-Dichloropropane	2.1	U	26	2.1	ug/Kg
75-27-4	Bromodichloromethane	1.7	U	26	1.7	ug/Kg
108-10-1	4-Methyl-2-Pentanone	10	U	130	10	ug/Kg
108-88-3	Toluene	2.1	U	26	2.1	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1.9	U	26	1.9	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.7	U	26	1.7	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.5	U	26	1.5	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	3/28/2006
Client Sample ID:	GE-53-21(2.5)	**SDG No.:**	X2128
Lab Sample ID:	X2128-03	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	4
Sample Wt/Wol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK005104.D	1	4/3/2006	VK033106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	19	U	130	19	ug/Kg
124-48-1	Dibromochloromethane	1.2	U	26	1.2	ug/Kg
106-93-4	1,2-Dibromoethane	2.1	U	26	2.1	ug/Kg
127-18-4	Tetrachloroethene	3.8	U	26	3.8	ug/Kg
108-90-7	Chlorobenzene	1.9	U	26	1.9	ug/Kg
100-41-4	Ethyl Benzene	1.8	U	26	1.8	ug/Kg
126777-61-2	m/p-Xylenes	4.5	U	52	4.5	ug/Kg
95-47-6	o-Xylene	2.0	U	26	2.0	ug/Kg
100-42-5	Styrene	2.4	U	26	2.4	ug/Kg
75-25-2	Bromoform	1.6	U	26	1.6	ug/Kg
98-82-8	Isopropylbenzene	2.2	U	26	2.2	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.6	U	26	1.6	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.9	U	26	2.9	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.8	U	26	2.8	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.0	U	26	2.0	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	4.9	U	26	4.9	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.6	U	26	3.6	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	44.25	89 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	45.62	91 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	46.74	93 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	46.06	92 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	283749	4.12			
540-36-3	1,4-Difluorobenzene	518764	4.56			
3114-55-4	Chlorobenzene-d5	457057	7.43			
3855-82-1	1,4-Dichlorobenzene-d4	225429	9.49			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	3/28/2006
Client Sample ID:	GE-53-22(2.5)	**SDG No.:**	X2128
Lab Sample ID:	X2128-05	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	9
Sample Wt/Wol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK005105.D	1	4/3/2006	VK033106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.8	U	28	4.8	ug/Kg
74-87-3	Chloromethane	4.8	U	28	4.8	ug/Kg
75-01-4	Vinyl chloride	4.7	U	28	4.7	ug/Kg
74-83-9	Bromomethane	11	U	28	11	ug/Kg
75-00-3	Chloroethane	12	U	28	12	ug/Kg
75-69-4	Trichlorofluoromethane	7.1	U	28	7.1	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.8	U	28	3.8	ug/Kg
75-35-4	1,1-Dichloroethene	3.2	U	28	3.2	ug/Kg
67-64-1	Acetone	19	U	140	19	ug/Kg
75-15-0	Carbon disulfide	2.1	U	28	2.1	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.1	U	28	2.1	ug/Kg
79-20-9	Methyl Acetate	4.9	U	28	4.9	ug/Kg
75-09-2	Methylene Chloride	10	U	28	10	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.6	U	28	3.6	ug/Kg
75-34-3	1,1-Dichloroethane	1.5	U	28	1.5	ug/Kg
110-82-7	Cyclohexane	1.8	U	28	1.8	ug/Kg
78-93-3	2-Butanone	16	U	140	16	ug/Kg
56-23-5	Carbon Tetrachloride	2.5	U	28	2.5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.8	U	28	1.8	ug/Kg
67-66-3	Chloroform	2.0	U	28	2.0	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.4	U	28	2.4	ug/Kg
108-87-2	Methylcyclohexane	2.4	U	28	2.4	ug/Kg
71-43-2	Benzene	2.3	U	28	2.3	ug/Kg
107-06-2	1,2-Dichloroethane	1.7	U	28	1.7	ug/Kg
79-01-6	Trichloroethene	1.7	U	28	1.7	ug/Kg
78-87-5	1,2-Dichloropropane	2.2	U	28	2.2	ug/Kg
75-27-4	Bromodichloromethane	1.9	U	28	1.9	ug/Kg
108-10-1	4-Methyl-2-Pentanone	11	U	140	11	ug/Kg
108-88-3	Toluene	2.3	U	28	2.3	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.1	U	28	2.1	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.9	U	28	1.9	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.7	U	28	1.7	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	3/27/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	3/28/2006
Client Sample ID:	GE-53-22(2.5)	SDG No.:	X2128
Lab Sample ID:	X2128-05	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	9
Sample Wt/Vol:	1.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK005105.D	1	4/3/2006	VK033106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	20	U	140	20	ug/Kg
124-48-1	Dibromochloromethane	1.3	U	28	1.3	ug/Kg
106-93-4	1,2-Dibromoethane	2.3	U	28	2.3	ug/Kg
127-18-4	Tetrachloroethene	4.1	U	28	4.1	ug/Kg
108-90-7	Chlorobenzene	2.1	U	28	2.1	ug/Kg
100-41-4	Ethyl Benzene	2.0	U	28	2.0	ug/Kg
126777-61-2	m/p-Xylenes	4.9	U	57	4.9	ug/Kg
95-47-6	o-Xylene	2.2	U	28	2.2	ug/Kg
100-42-5	Styrene	2.6	U	28	2.6	ug/Kg
75-25-2	Bromoform	1.8	U	28	1.8	ug/Kg
98-82-8	Isopropylbenzene	2.4	U	28	2.4	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.8	U	28	1.8	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.2	U	28	3.2	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.1	U	28	3.1	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.2	U	28	2.2	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.3	U	28	5.3	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.9	U	28	3.9	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	45.77	92 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	47.89	96 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	47.95	96 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	44.55	89 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	296638	4.12			
540-36-3	1,4-Difluorobenzene	538537	4.56			
3114-55-4	Chlorobenzene-d5	468339	7.43			
3855-82-1	1,4-Dichlorobenzene-d4	216847	9.50			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	3/27/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	3/28/2006
Client Sample ID:	GE-53-23(2.5)	SDG No.:	X2128
Lab Sample ID:	X2128-07	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	14
Sample Wt/Wol:	1.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK005106.D	1	4/3/2006	VK033106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.9	U	29	4.9	ug/Kg
74-87-3	Chloromethane	4.9	U	29	4.9	ug/Kg
75-01-4	Vinyl chloride	4.7	U	29	4.7	ug/Kg
74-83-9	Bromomethane	12	U	29	12	ug/Kg
75-00-3	Chloroethane	12	U	29	12	ug/Kg
75-69-4	Trichlorofluoromethane	7.2	U	29	7.2	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.8	U	29	3.8	ug/Kg
75-35-4	1,1-Dichloroethene	3.3	U	29	3.3	ug/Kg
67-64-1	Acetone	19	U	140	19	ug/Kg
75-15-0	Carbon disulfide	2.1	U	29	2.1	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.1	U	29	2.1	ug/Kg
79-20-9	Methyl Acetate	5.0	U	29	5.0	ug/Kg
75-09-2	Methylene Chloride	11	U	29	11	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.7	U	29	3.7	ug/Kg
75-34-3	1,1-Dichloroethane	1.5	U	29	1.5	ug/Kg
110-82-7	Cyclohexane	1.9	U	29	1.9	ug/Kg
78-93-3	2-Butanone	16	U	140	16	ug/Kg
56-23-5	Carbon Tetrachloride	2.6	U	29	2.6	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.9	U	29	1.9	ug/Kg
67-66-3	Chloroform	2.0	U	29	2.0	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.4	U	29	2.4	ug/Kg
108-87-2	Methylcyclohexane	2.4	U	29	2.4	ug/Kg
71-43-2	Benzene	2.3	U	29	2.3	ug/Kg
107-06-2	1,2-Dichloroethane	1.8	U	29	1.8	ug/Kg
79-01-6	Trichloroethene	1.8	U	29	1.8	ug/Kg
78-87-5	1,2-Dichloropropane	2.3	U	29	2.3	ug/Kg
75-27-4	Bromodichloromethane	1.9	U	29	1.9	ug/Kg
108-10-1	4-Methyl-2-Pentanone	11	U	140	11	ug/Kg
108-88-3	Toluene	2.3	U	29	2.3	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.1	U	29	2.1	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.9	U	29	1.9	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.7	U	29	1.7	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	3/28/2006
Client Sample ID:	GE-53-23(2.5)	**SDG No.:**	X2128
Lab Sample ID:	X2128-07	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	14
Sample Wt/Wol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK005106.D	1	4/3/2006	VK033106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	21	U	140	21	ug/Kg
124-48-1	Dibromochloromethane	1.3	U	29	1.3	ug/Kg
106-93-4	1,2-Dibromoethane	2.3	U	29	2.3	ug/Kg
127-18-4	Tetrachloroethene	4.2	U	29	4.2	ug/Kg
108-90-7	Chlorobenzene	2.1	U	29	2.1	ug/Kg
100-41-4	Ethyl Benzene	2.0	U	29	2.0	ug/Kg
126777-61-2	m/p-Xylenes	5.0	U	58	5.0	ug/Kg
95-47-6	o-Xylene	2.2	U	29	2.2	ug/Kg
100-42-5	Styrene	2.6	U	29	2.6	ug/Kg
75-25-2	Bromoform	1.8	U	29	1.8	ug/Kg
98-82-8	Isopropylbenzene	2.4	U	29	2.4	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.8	U	29	1.8	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.2	U	29	3.2	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.1	U	29	3.1	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.2	U	29	2.2	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.4	U	29	5.4	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.9	U	29	3.9	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.09	94 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	48.15	96 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	47.06	94 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	46.2	92 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	284418	4.12			
540-36-3	1,4-Difluorobenzene	531917	4.56			
3114-55-4	Chlorobenzene-d5	466233	7.44			
3855-82-1	1,4-Dichlorobenzene-d4	227507	9.50			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	3/28/2006
Client Sample ID:	GE-53-24(2.5)	**SDG No.:**	X2128
Lab Sample ID:	X2128-09	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	9
Sample Wt/Wol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK005107.D	1	4/3/2006	VK033106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.6	U	27	4.6	ug/Kg
74-87-3	Chloromethane	4.6	U	27	4.6	ug/Kg
75-01-4	Vinyl chloride	4.4	U	27	4.4	ug/Kg
74-83-9	Bromomethane	11	U	27	11	ug/Kg
75-00-3	Chloroethane	11	U	27	11	ug/Kg
75-69-4	Trichlorofluoromethane	6.7	U	27	6.7	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.6	U	27	3.6	ug/Kg
75-35-4	1,1-Dichloroethene	3.1	U	27	3.1	ug/Kg
67-64-1	Acetone	18	U	130	18	ug/Kg
75-15-0	Carbon disulfide	2.0	U	27	2.0	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.0	U	27	2.0	ug/Kg
79-20-9	Methyl Acetate	4.7	U	27	4.7	ug/Kg
75-09-2	Methylene Chloride	9.8	U	27	9.8	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.4	U	27	3.4	ug/Kg
75-34-3	1,1-Dichloroethane	1.4	U	27	1.4	ug/Kg
110-82-7	Cyclohexane	1.7	U	27	1.7	ug/Kg
78-93-3	2-Butanone	15	U	130	15	ug/Kg
56-23-5	Carbon Tetrachloride	2.4	U	27	2.4	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.8	U	27	1.8	ug/Kg
67-66-3	Chloroform	1.9	U	27	1.9	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.3	U	27	2.3	ug/Kg
108-87-2	Methylcyclohexane	2.3	U	27	2.3	ug/Kg
71-43-2	Benzene	2.1	U	27	2.1	ug/Kg
107-06-2	1,2-Dichloroethane	1.7	U	27	1.7	ug/Kg
79-01-6	Trichloroethene	1.7	U	27	1.7	ug/Kg
78-87-5	1,2-Dichloropropane	2.1	U	27	2.1	ug/Kg
75-27-4	Bromodichloromethane	1.8	U	27	1.8	ug/Kg
108-10-1	4-Methyl-2-Pentanone	11	U	130	11	ug/Kg
108-88-3	Toluene	2.2	U	27	2.2	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.0	U	27	2.0	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.8	U	27	1.8	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.6	U	27	1.6	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	3/28/2006
Client Sample ID:	GE-53-24(2.5)	**SDG No.:**	X2128
Lab Sample ID:	X2128-09	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	9
Sample Wt/Wol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK005107.D	1	4/3/2006	VK033106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	19	U	130	19	ug/Kg
124-48-1	Dibromochloromethane	1.2	U	27	1.2	ug/Kg
106-93-4	1,2-Dibromoethane	2.2	U	27	2.2	ug/Kg
127-18-4	Tetrachloroethene	3.9	U	27	3.9	ug/Kg
108-90-7	Chlorobenzene	2.0	U	27	2.0	ug/Kg
100-41-4	Ethyl Benzene	1.9	U	27	1.9	ug/Kg
126777-61-2	m/p-Xylenes	4.7	U	54	4.7	ug/Kg
95-47-6	o-Xylene	2.1	U	27	2.1	ug/Kg
100-42-5	Styrene	2.5	U	27	2.5	ug/Kg
75-25-2	Bromoform	1.7	U	27	1.7	ug/Kg
98-82-8	Isopropylbenzene	2.2	U	27	2.2	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.7	U	27	1.7	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.0	U	27	3.0	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.9	U	27	2.9	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.1	U	27	2.1	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.1	U	27	5.1	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.7	U	27	3.7	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.92	94 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	45.71	91 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	45.19	90 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	42.96	86 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	276501	4.12			
540-36-3	1,4-Difluorobenzene	527451	4.56			
3114-55-4	Chlorobenzene-d5	455439	7.44			
3855-82-1	1,4-Dichlorobenzene-d4	215745	9.49			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	3/27/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	3/28/2006
Client Sample ID:	GE-53-25(2.5)	SDG No.:	X2128
Lab Sample ID:	X2128-11	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	8
Sample Wt/Vol:	1.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK005108.D	1	4/3/2006	VK033106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.7	U	27	4.7	ug/Kg
74-87-3	Chloromethane	4.6	U	27	4.6	ug/Kg
75-01-4	Vinyl chloride	4.5	U	27	4.5	ug/Kg
74-83-9	Bromomethane	11	U	27	11	ug/Kg
75-00-3	Chloroethane	12	U	27	12	ug/Kg
75-69-4	Trichlorofluoromethane	6.8	U	27	6.8	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.6	U	27	3.6	ug/Kg
75-35-4	1,1-Dichloroethene	3.1	U	27	3.1	ug/Kg
67-64-1	Acetone	18	U	140	18	ug/Kg
75-15-0	Carbon disulfide	2.0	U	27	2.0	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.0	U	27	2.0	ug/Kg
79-20-9	Methyl Acetate	4.7	U	27	4.7	ug/Kg
75-09-2	Methylene Chloride	9.9	U	27	9.9	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.5	U	27	3.5	ug/Kg
75-34-3	1,1-Dichloroethane	1.5	U	27	1.5	ug/Kg
110-82-7	Cyclohexane	1.8	U	27	1.8	ug/Kg
78-93-3	2-Butanone	15	U	140	15	ug/Kg
56-23-5	Carbon Tetrachloride	2.4	U	27	2.4	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.8	U	27	1.8	ug/Kg
67-66-3	Chloroform	1.9	U	27	1.9	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.3	U	27	2.3	ug/Kg
108-87-2	Methylcyclohexane	2.3	U	27	2.3	ug/Kg
71-43-2	Benzene	2.2	U	27	2.2	ug/Kg
107-06-2	1,2-Dichloroethane	1.7	U	27	1.7	ug/Kg
79-01-6	Trichloroethene	1.7	U	27	1.7	ug/Kg
78-87-5	1,2-Dichloropropane	2.2	U	27	2.2	ug/Kg
75-27-4	Bromodichloromethane	1.8	U	27	1.8	ug/Kg
108-10-1	4-Methyl-2-Pentanone	11	U	140	11	ug/Kg
108-88-3	Toluene	2.2	U	27	2.2	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.0	U	27	2.0	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.8	U	27	1.8	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.6	U	27	1.6	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	3/28/2006
Client Sample ID:	GE-53-25(2.5)	**SDG No.:**	X2128
Lab Sample ID:	X2128-11	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	8
Sample Wt/Vol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK005108.D	1	4/3/2006	VK033106

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	20	U	140	20	ug/Kg
124-48-1	Dibromochloromethane	1.2	U	27	1.2	ug/Kg
106-93-4	1,2-Dibromoethane	2.2	U	27	2.2	ug/Kg
127-18-4	Tetrachloroethene	4.0	U	27	4.0	ug/Kg
108-90-7	Chlorobenzene	2.0	U	27	2.0	ug/Kg
100-41-4	Ethyl Benzene	1.9	U	27	1.9	ug/Kg
126777-61-2	m/p-Xylenes	4.7	U	54	4.7	ug/Kg
95-47-6	o-Xylene	2.1	U	27	2.1	ug/Kg
100-42-5	Styrene	2.5	U	27	2.5	ug/Kg
75-25-2	Bromoform	1.7	U	27	1.7	ug/Kg
98-82-8	Isopropylbenzene	2.3	U	27	2.3	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.7	U	27	1.7	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.0	U	27	3.0	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.0	U	27	3.0	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.1	U	27	2.1	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.1	U	27	5.1	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.7	U	27	3.7	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	45.94	92 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	46.77	94 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	45.9	92 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	43.32	87 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	289826	4.12			
540-36-3	1,4-Difluorobenzene	536937	4.56			
3114-55-4	Chlorobenzene-d5	459189	7.44			
3855-82-1	1,4-Dichlorobenzene-d4	216212	9.49			

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	3/28/2006
Client Sample ID:	GE-53-8(0-4.5)	**SDG No.:**	X2128
Lab Sample ID:	X2128-02	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	9
Sample Wt/Wol:	30.2 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030506.D	1	3/29/2006	4/5/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	74	U	360	74	ug/Kg
108-95-2	Phenol	55	U	360	55	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57	U	360	57	ug/Kg
95-57-8	2-Chlorophenol	58	U	360	58	ug/Kg
95-48-7	2-Methylphenol	60	U	360	60	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58	U	360	58	ug/Kg
98-86-2	Acetophenone	53	U	360	53	ug/Kg
106-44-5	3+4-Methylphenols	57	U	360	57	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	60	U	360	60	ug/Kg
67-72-1	Hexachloroethane	61	U	360	61	ug/Kg
98-95-3	Nitrobenzene	79	U	360	79	ug/Kg
78-59-1	Isophorone	54	U	360	54	ug/Kg
88-75-5	2-Nitrophenol	56	U	360	56	ug/Kg
105-67-9	2,4-Dimethylphenol	57	U	360	57	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	59	U	360	59	ug/Kg
120-83-2	2,4-Dichlorophenol	67	U	360	67	ug/Kg
91-20-3	Naphthalene	62	U	360	62	ug/Kg
106-47-8	4-Chloroaniline	43	U	360	43	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	360	56	ug/Kg
105-60-2	Caprolactam	58	U	360	58	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	360	50	ug/Kg
91-57-6	2-Methylnaphthalene	60	U	360	60	ug/Kg
77-47-4	Hexachlorocyclopentadiene	58	U	360	58	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	360	53	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	910	55	ug/Kg
92-52-4	1,1-Biphenyl	60	U	360	60	ug/Kg
91-58-7	2-Chloronaphthalene	60	U	360	60	ug/Kg
88-74-4	2-Nitroaniline	46	U	910	46	ug/Kg
131-11-3	Dimethylphthalate	58	U	360	58	ug/Kg
208-96-8	Acenaphthylene	59	U	360	59	ug/Kg
606-20-2	2,6-Dinitrotoluene	51	U	360	51	ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	3/28/2006
Client Sample ID:	GE-53-8(0-4.5)	**SDG No.:**	X2128
Lab Sample ID:	X2128-02	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	9
Sample Wt/Wol:	30.2 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030506.D	1	3/29/2006	4/5/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	47	U	910	47	ug/Kg
83-32-9	Acenaphthene	64	U	360	64	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	910	310	ug/Kg
100-02-7	4-Nitrophenol	45	U	910	45	ug/Kg
132-64-9	Dibenzofuran	60	U	360	60	ug/Kg
121-14-2	2,4-Dinitrotoluene	53	U	360	53	ug/Kg
84-66-2	Diethylphthalate	62	U	360	62	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	360	57	ug/Kg
86-73-7	Fluorene	61	U	360	61	ug/Kg
100-01-6	4-Nitroaniline	62	U	910	62	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70	U	910	70	ug/Kg
86-30-6	N-Nitrosodiphenylamine	60	U	360	60	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	360	54	ug/Kg
118-74-1	Hexachlorobenzene	58	U	360	58	ug/Kg
1912-24-9	Atrazine	55	U	360	55	ug/Kg
87-86-5	Pentachlorophenol	84	U	910	84	ug/Kg
85-01-8	Phenanthrene	58	U	360	58	ug/Kg
120-12-7	Anthracene	55	U	360	55	ug/Kg
86-74-8	Carbazole	55	U	360	55	ug/Kg
84-74-2	Di-n-butylphthalate	55	U	360	55	ug/Kg
206-44-0	Fluoranthene	54	U	360	54	ug/Kg
129-00-0	Pyrene	64	U	360	64	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	360	58	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	360	62	ug/Kg
56-55-3	Benzo(a)anthracene	51	U	360	51	ug/Kg
218-01-9	Chrysene	65	U	360	65	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	96	JB	360	69	ug/Kg
117-84-0	Di-n-octyl phthalate	61	U	360	61	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	360	40	ug/Kg
207-08-9	Benzo(k)fluoranthene	80	U	360	80	ug/Kg
50-32-8	Benzo(a)pyrene	58	U	360	58	ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	3/28/2006
Client Sample ID:	GE-53-8(0-4.5)	**SDG No.:**	X2128
Lab Sample ID:	X2128-02	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	9
Sample Wt/Wol:	30.2 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030506.D	1	3/29/2006	4/5/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	46	U	360	46	ug/Kg
53-70-3	Dibenz(a,h)anthracene	45	U	360	45	ug/Kg
191-24-2	Benzo(g,h,i)perylene	60	U	360	60	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	215.02	72 %	25 - 121		SPK: 30
13127-88-3	Phenol-d5	218.83	73 %	24 - 113		SPK: 30
4165-60-0	Nitrobenzene-d5	134.63	67 %	23 - 120		SPK: 20
321-60-8	2-Fluorobiphenyl	127.32	64 %	30 - 116		SPK: 20
118-79-6	2,4,6-Tribromophenol	191.23	64 %	19 - 122		SPK: 30
1718-51-0	Terphenyl-d14	220.51	110 %	18 - 137		SPK: 20
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	503505	6.77			
1146-65-2	Naphthalene-d8	1995024	9.09			
15067-26-2	Acenaphthene-d10	1227069	12.58			
1517-22-2	Phenanthrene-d10	1794328	15.59			
1719-03-5	Chrysene-d12	937680	20.98			
1520-96-3	Perylene-d12	556116	24.52			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP4.35	2200	A	4.35		ug/Kg
57-10-3	n-Hexadecanoic acid	420	JB	16.82		ug/Kg
1599-67-3	1-Docosene	330	JB	20.74		ug/Kg
112-95-8	Eicosane	200	J	23.84		ug/Kg
7098-22-8	Tetratetracontane	220	J	26.18		ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	3/28/2006
Client Sample ID:	GE-53-8(0-4.5)RE	**SDG No.:**	X2128
Lab Sample ID:	X2128-02RE	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	9
Sample Wt/Wol:	30.2 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030538.D	1	3/29/2006	4/6/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	74	U	360	74	ug/Kg
108-95-2	Phenol	55	U	360	55	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57	U	360	57	ug/Kg
95-57-8	2-Chlorophenol	58	U	360	58	ug/Kg
95-48-7	2-Methylphenol	60	U	360	60	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58	U	360	58	ug/Kg
98-86-2	Acetophenone	53	U	360	53	ug/Kg
106-44-5	3+4-Methylphenols	57	U	360	57	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	60	U	360	60	ug/Kg
67-72-1	Hexachloroethane	61	U	360	61	ug/Kg
98-95-3	Nitrobenzene	79	U	360	79	ug/Kg
78-59-1	Isophorone	54	U	360	54	ug/Kg
88-75-5	2-Nitrophenol	56	U	360	56	ug/Kg
105-67-9	2,4-Dimethylphenol	57	U	360	57	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	59	U	360	59	ug/Kg
120-83-2	2,4-Dichlorophenol	67	U	360	67	ug/Kg
91-20-3	Naphthalene	62	U	360	62	ug/Kg
106-47-8	4-Chloroaniline	43	U	360	43	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	360	56	ug/Kg
105-60-2	Caprolactam	58	U	360	58	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	360	50	ug/Kg
91-57-6	2-Methylnaphthalene	60	U	360	60	ug/Kg
77-47-4	Hexachlorocyclopentadiene	58	U	360	58	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	360	53	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	910	55	ug/Kg
92-52-4	1,1-Biphenyl	60	U	360	60	ug/Kg
91-58-7	2-Chloronaphthalene	60	U	360	60	ug/Kg
88-74-4	2-Nitroaniline	46	U	910	46	ug/Kg
131-11-3	Dimethylphthalate	58	U	360	58	ug/Kg
208-96-8	Acenaphthylene	59	U	360	59	ug/Kg
606-20-2	2,6-Dinitrotoluene	51	U	360	51	ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	3/28/2006
Client Sample ID:	GE-53-8(0-4.5)RE	**SDG No.:**	X2128
Lab Sample ID:	X2128-02RE	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	9
Sample Wt/Wol:	30.2 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030538.D	1	3/29/2006	4/6/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	47	U	910	47	ug/Kg
83-32-9	Acenaphthene	64	U	360	64	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	910	310	ug/Kg
100-02-7	4-Nitrophenol	45	U	910	45	ug/Kg
132-64-9	Dibenzofuran	60	U	360	60	ug/Kg
121-14-2	2,4-Dinitrotoluene	53	U	360	53	ug/Kg
84-66-2	Diethylphthalate	62	U	360	62	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	360	57	ug/Kg
86-73-7	Fluorene	61	U	360	61	ug/Kg
100-01-6	4-Nitroaniline	62	U	910	62	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70	U	910	70	ug/Kg
86-30-6	N-Nitrosodiphenylamine	60	U	360	60	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	360	54	ug/Kg
118-74-1	Hexachlorobenzene	58	U	360	58	ug/Kg
1912-24-9	Atrazine	55	U	360	55	ug/Kg
87-86-5	Pentachlorophenol	84	U	910	84	ug/Kg
85-01-8	Phenanthrene	58	U	360	58	ug/Kg
120-12-7	Anthracene	55	U	360	55	ug/Kg
86-74-8	Carbazole	55	U	360	55	ug/Kg
84-74-2	Di-n-butylphthalate	55	U	360	55	ug/Kg
206-44-0	Fluoranthene	54	U	360	54	ug/Kg
129-00-0	Pyrene	64	U	360	64	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	360	58	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	360	62	ug/Kg
56-55-3	Benzo(a)anthracene	51	U	360	51	ug/Kg
218-01-9	Chrysene	65	U	360	65	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	100	JB	360	69	ug/Kg
117-84-0	Di-n-octyl phthalate	61	U	360	61	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	360	40	ug/Kg
207-08-9	Benzo(k)fluoranthene	80	U	360	80	ug/Kg
50-32-8	Benzo(a)pyrene	58	U	360	58	ug/Kg

U = Not Detected
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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	3/28/2006
Client Sample ID:	GE-53-8(0-4.5)RE	**SDG No.:**	X2128
Lab Sample ID:	X2128-02RE	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	9
Sample Wt/Wol:	30.2 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030538.D	1	3/29/2006	4/6/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	46	U	360	46	ug/Kg
53-70-3	Dibenz(a,h)anthracene	45	U	360	45	ug/Kg
191-24-2	Benzo(g,h,i)perylene	60	U	360	60	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	216.73	72 %	25 - 121		SPK: 30
13127-88-3	Phenol-d5	210.25	70 %	24 - 113		SPK: 30
4165-60-0	Nitrobenzene-d5	142.7	71 %	23 - 120		SPK: 20
321-60-8	2-Fluorobiphenyl	150.01	75 %	30 - 116		SPK: 20
118-79-6	2,4,6-Tribromophenol	208.63	70 %	19 - 122		SPK: 30
1718-51-0	Terphenyl-d14	287.06	144 %	18 - 137		SPK: 20
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	252704	6.75			
1146-65-2	Naphthalene-d8	948007	9.07			
15067-26-2	Acenaphthene-d10	586501	12.57			
1517-22-2	Phenanthrene-d10	815876	15.57			
1719-03-5	Chrysene-d12	399136	20.96			
1520-96-3	Perylene-d12	181789	24.46			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	3/28/2006
Client Sample ID:	GE-53-21(0-4.5)	**SDG No.:**	X2128
Lab Sample ID:	X2128-04	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	6
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030565.D	1	3/29/2006	4/7/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	72	U	350	72	ug/Kg
108-95-2	Phenol	53	U	350	53	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55	U	350	55	ug/Kg
95-57-8	2-Chlorophenol	56	U	350	56	ug/Kg
95-48-7	2-Methylphenol	58	U	350	58	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	56	U	350	56	ug/Kg
98-86-2	Acetophenone	51	U	350	51	ug/Kg
106-44-5	3+4-Methylphenols	55	U	350	55	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	58	U	350	58	ug/Kg
67-72-1	Hexachloroethane	60	U	350	60	ug/Kg
98-95-3	Nitrobenzene	76	U	350	76	ug/Kg
78-59-1	Isophorone	53	U	350	53	ug/Kg
88-75-5	2-Nitrophenol	54	U	350	54	ug/Kg
105-67-9	2,4-Dimethylphenol	56	U	350	56	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58	U	350	58	ug/Kg
120-83-2	2,4-Dichlorophenol	65	U	350	65	ug/Kg
91-20-3	Naphthalene	60	U	350	60	ug/Kg
106-47-8	4-Chloroaniline	42	U	350	42	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	350	54	ug/Kg
105-60-2	Caprolactam	56	U	350	56	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	350	48	ug/Kg
91-57-6	2-Methylnaphthalene	59	U	350	59	ug/Kg
77-47-4	Hexachlorocyclopentadiene	56	U	350	56	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	350	51	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54	U	880	54	ug/Kg
92-52-4	1,1-Biphenyl	58	U	350	58	ug/Kg
91-58-7	2-Chloronaphthalene	58	U	350	58	ug/Kg
88-74-4	2-Nitroaniline	44	U	880	44	ug/Kg
131-11-3	Dimethylphthalate	56	U	350	56	ug/Kg
208-96-8	Acenaphthylene	57	U	350	57	ug/Kg
606-20-2	2,6-Dinitrotoluene	50	U	350	50	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	3/28/2006
Client Sample ID:	GE-53-21(0-4.5)	**SDG No.:**	X2128
Lab Sample ID:	X2128-04	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	6
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030565.D	1	3/29/2006	4/7/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	46	U	880	46	ug/Kg
83-32-9	Acenaphthene	62	U	350	62	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	880	300	ug/Kg
100-02-7	4-Nitrophenol	43	U	880	43	ug/Kg
132-64-9	Dibenzofuran	58	U	350	58	ug/Kg
121-14-2	2,4-Dinitrotoluene	51	U	350	51	ug/Kg
84-66-2	Diethylphthalate	60	U	350	60	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	350	55	ug/Kg
86-73-7	Fluorene	59	U	350	59	ug/Kg
100-01-6	4-Nitroaniline	60	U	880	60	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	68	U	880	68	ug/Kg
86-30-6	N-Nitrosodiphenylamine	58	U	350	58	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52	U	350	52	ug/Kg
118-74-1	Hexachlorobenzene	56	U	350	56	ug/Kg
1912-24-9	Atrazine	54	U	350	54	ug/Kg
87-86-5	Pentachlorophenol	81	U	880	81	ug/Kg
85-01-8	Phenanthrene	56	U	350	56	ug/Kg
120-12-7	Anthracene	53	U	350	53	ug/Kg
86-74-8	Carbazole	53	U	350	53	ug/Kg
84-74-2	Di-n-butylphthalate	53	U	350	53	ug/Kg
206-44-0	Fluoranthene	52	U	350	52	ug/Kg
129-00-0	Pyrene	62	U	350	62	ug/Kg
85-68-7	Butylbenzylphthalate	57	U	350	57	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	350	60	ug/Kg
56-55-3	Benzo(a)anthracene	49	U	350	49	ug/Kg
218-01-9	Chrysene	63	U	350	63	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	67	U	350	67	ug/Kg
117-84-0	Di-n-octyl phthalate	60	U	350	60	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	U	350	39	ug/Kg
207-08-9	Benzo(k)fluoranthene	77	U	350	77	ug/Kg
50-32-8	Benzo(a)pyrene	56	U	350	56	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	3/28/2006
Client Sample ID:	GE-53-21(0-4.5)	**SDG No.:**	X2128
Lab Sample ID:	X2128-04	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	6
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030565.D	1	3/29/2006	4/7/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	350	44	ug/Kg
53-70-3	Dibenz(a,h)anthracene	44	U	350	44	ug/Kg
191-24-2	Benzo(g,h,i)perylene	58	U	350	58	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	209.64	70 %	25 - 121		SPK: 30
13127-88-3	Phenol-d5	206.35	69 %	24 - 113		SPK: 30
4165-60-0	Nitrobenzene-d5	135.87	68 %	23 - 120		SPK: 20
321-60-8	2-Fluorobiphenyl	147.77	74 %	30 - 116		SPK: 20
118-79-6	2,4,6-Tribromophenol	223.42	74 %	19 - 122		SPK: 30
1718-51-0	Terphenyl-d14	278.58	139 %	18 - 137		SPK: 20
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	244992	6.76			
1146-65-2	Naphthalene-d8	888223	9.09			
15067-26-2	Acenaphthene-d10	534722	12.58			
1517-22-2	Phenanthrene-d10	761121	15.59			
1719-03-5	Chrysene-d12	363209	20.96			
1520-96-3	Perylene-d12	276524	24.49			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP4.32	1900	A	4.32		ug/Kg
629-96-9	1-Eicosanol	180	J	20.73		ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	3/28/2006
Client Sample ID:	GE-53-22(0-5)	**SDG No.:**	X2128
Lab Sample ID:	X2128-06	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	7
Sample Wt/Vol:	30.2 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030505.D	1	3/29/2006	4/5/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	73	U	350	73	ug/Kg
108-95-2	Phenol	54	U	350	54	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56	U	350	56	ug/Kg
95-57-8	2-Chlorophenol	56	U	350	56	ug/Kg
95-48-7	2-Methylphenol	59	U	350	59	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	57	U	350	57	ug/Kg
98-86-2	Acetophenone	52	U	350	52	ug/Kg
106-44-5	3+4-Methylphenols	56	U	350	56	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	59	U	350	59	ug/Kg
67-72-1	Hexachloroethane	60	U	350	60	ug/Kg
98-95-3	Nitrobenzene	77	U	350	77	ug/Kg
78-59-1	Isophorone	53	U	350	53	ug/Kg
88-75-5	2-Nitrophenol	54	U	350	54	ug/Kg
105-67-9	2,4-Dimethylphenol	56	U	350	56	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58	U	350	58	ug/Kg
120-83-2	2,4-Dichlorophenol	65	U	350	65	ug/Kg
91-20-3	Naphthalene	60	U	350	60	ug/Kg
106-47-8	4-Chloroaniline	42	U	350	42	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	350	54	ug/Kg
105-60-2	Caprolactam	57	U	350	57	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	350	49	ug/Kg
91-57-6	2-Methylnaphthalene	59	U	350	59	ug/Kg
77-47-4	Hexachlorocyclopentadiene	56	U	350	56	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	350	52	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54	U	890	54	ug/Kg
92-52-4	1,1-Biphenyl	58	U	350	58	ug/Kg
91-58-7	2-Chloronaphthalene	59	U	350	59	ug/Kg
88-74-4	2-Nitroaniline	45	U	890	45	ug/Kg
131-11-3	Dimethylphthalate	57	U	350	57	ug/Kg
208-96-8	Acenaphthylene	57	U	350	57	ug/Kg
606-20-2	2,6-Dinitrotoluene	50	U	350	50	ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	3/28/2006
Client Sample ID:	GE-53-22(0-5)	**SDG No.:**	X2128
Lab Sample ID:	X2128-06	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	7
Sample Wt/Wol:	30.2 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030505.D	1	3/29/2006	4/5/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	46	U	890	46	ug/Kg
83-32-9	Acenaphthene	63	U	350	63	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	890	300	ug/Kg
100-02-7	4-Nitrophenol	44	U	890	44	ug/Kg
132-64-9	Dibenzofuran	59	U	350	59	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	350	52	ug/Kg
84-66-2	Diethylphthalate	61	U	350	61	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	350	56	ug/Kg
86-73-7	Fluorene	60	U	350	60	ug/Kg
100-01-6	4-Nitroaniline	60	U	890	60	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	69	U	890	69	ug/Kg
86-30-6	N-Nitrosodiphenylamine	58	U	350	58	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	350	53	ug/Kg
118-74-1	Hexachlorobenzene	57	U	350	57	ug/Kg
1912-24-9	Atrazine	54	U	350	54	ug/Kg
87-86-5	Pentachlorophenol	82	U	890	82	ug/Kg
85-01-8	Phenanthrene	56	U	350	56	ug/Kg
120-12-7	Anthracene	53	U	350	53	ug/Kg
86-74-8	Carbazole	54	U	350	54	ug/Kg
84-74-2	Di-n-butylphthalate	54	U	350	54	ug/Kg
206-44-0	Fluoranthene	53	U	350	53	ug/Kg
129-00-0	Pyrene	63	U	350	63	ug/Kg
85-68-7	Butylbenzylphthalate	57	U	350	57	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	350	61	ug/Kg
56-55-3	Benzo(a)anthracene	50	U	350	50	ug/Kg
218-01-9	Chrysene	64	U	350	64	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	140	JB	350	68	ug/Kg
117-84-0	Di-n-octyl phthalate	60	U	350	60	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	U	350	39	ug/Kg
207-08-9	Benzo(k)fluoranthene	78	U	350	78	ug/Kg
50-32-8	Benzo(a)pyrene	57	U	350	57	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	3/28/2006
Client Sample ID:	GE-53-22(0-5)	**SDG No.:**	X2128
Lab Sample ID:	X2128-06	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	7
Sample Wt/Vol:	30.2 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030505.D	1	3/29/2006	4/5/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	350	45	ug/Kg
53-70-3	Dibenz(a,h)anthracene	44	U	350	44	ug/Kg
191-24-2	Benzo(g,h,i)perylene	59	U	350	59	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	212.7	71 %	25 - 121		SPK: 30
13127-88-3	Phenol-d5	221.96	74 %	24 - 113		SPK: 30
4165-60-0	Nitrobenzene-d5	141.15	71 %	23 - 120		SPK: 20
321-60-8	2-Fluorobiphenyl	132.17	66 %	30 - 116		SPK: 20
118-79-6	2,4,6-Tribromophenol	202.74	68 %	19 - 122		SPK: 30
1718-51-0	Terphenyl-d14	225.46	113 %	18 - 137		SPK: 20
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	499269	6.76			
1146-65-2	Naphthalene-d8	1962391	9.09			
15067-26-2	Acenaphthene-d10	1225560	12.59			
1517-22-2	Phenanthrene-d10	1798296	15.60			
1719-03-5	Chrysene-d12	982432	20.99			
1520-96-3	Perylene-d12	649447	24.53			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP4.35	2100	A	4.35		ug/Kg
57-10-3	n-Hexadecanoic acid	560	JB	16.82		ug/Kg
1599-67-3	1-Docosene	290	JB	20.75		ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	3/28/2006
Client Sample ID:	GE-53-23(0-5)	**SDG No.:**	X2128
Lab Sample ID:	X2128-08	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	9
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030504.D	1	3/29/2006	4/5/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	130	J	360	74	ug/Kg
108-95-2	Phenol	55	U	360	55	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57	U	360	57	ug/Kg
95-57-8	2-Chlorophenol	58	U	360	58	ug/Kg
95-48-7	2-Methylphenol	60	U	360	60	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58	U	360	58	ug/Kg
98-86-2	Acetophenone	53	U	360	53	ug/Kg
106-44-5	3+4-Methylphenols	57	U	360	57	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	60	U	360	60	ug/Kg
67-72-1	Hexachloroethane	62	U	360	62	ug/Kg
98-95-3	Nitrobenzene	79	U	360	79	ug/Kg
78-59-1	Isophorone	54	U	360	54	ug/Kg
88-75-5	2-Nitrophenol	56	U	360	56	ug/Kg
105-67-9	2,4-Dimethylphenol	58	U	360	58	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	60	U	360	60	ug/Kg
120-83-2	2,4-Dichlorophenol	67	U	360	67	ug/Kg
91-20-3	Naphthalene	62	U	360	62	ug/Kg
106-47-8	4-Chloroaniline	43	U	360	43	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	360	56	ug/Kg
105-60-2	Caprolactam	58	U	360	58	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	360	50	ug/Kg
91-57-6	2-Methylnaphthalene	61	U	360	61	ug/Kg
77-47-4	Hexachlorocyclopentadiene	58	U	360	58	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	360	53	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	910	55	ug/Kg
92-52-4	1,1-Biphenyl	60	U	360	60	ug/Kg
91-58-7	2-Chloronaphthalene	60	U	360	60	ug/Kg
88-74-4	2-Nitroaniline	46	U	910	46	ug/Kg
131-11-3	Dimethylphthalate	58	U	360	58	ug/Kg
208-96-8	Acenaphthylene	59	U	360	59	ug/Kg
606-20-2	2,6-Dinitrotoluene	51	U	360	51	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	3/28/2006
Client Sample ID:	GE-53-23(0-5)	**SDG No.:**	X2128
Lab Sample ID:	X2128-08	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	9
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030504.D	1	3/29/2006	4/5/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	47	U	910	47	ug/Kg
83-32-9	Acenaphthene	65	U	360	65	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	910	310	ug/Kg
100-02-7	4-Nitrophenol	45	U	910	45	ug/Kg
132-64-9	Dibenzofuran	60	U	360	60	ug/Kg
121-14-2	2,4-Dinitrotoluene	53	U	360	53	ug/Kg
84-66-2	Diethylphthalate	63	U	360	63	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	360	57	ug/Kg
86-73-7	Fluorene	61	U	360	61	ug/Kg
100-01-6	4-Nitroaniline	62	U	910	62	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70	U	910	70	ug/Kg
86-30-6	N-Nitrosodiphenylamine	60	U	360	60	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	360	54	ug/Kg
118-74-1	Hexachlorobenzene	58	U	360	58	ug/Kg
1912-24-9	Atrazine	56	U	360	56	ug/Kg
87-86-5	Pentachlorophenol	84	U	910	84	ug/Kg
85-01-8	Phenanthrene	58	U	360	58	ug/Kg
120-12-7	Anthracene	55	U	360	55	ug/Kg
86-74-8	Carbazole	55	U	360	55	ug/Kg
84-74-2	Di-n-butylphthalate	55	U	360	55	ug/Kg
206-44-0	Fluoranthene	54	U	360	54	ug/Kg
129-00-0	Pyrene	64	U	360	64	ug/Kg
85-68-7	Butylbenzylphthalate	59	U	360	59	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	360	62	ug/Kg
56-55-3	Benzo(a)anthracene	51	U	360	51	ug/Kg
218-01-9	Chrysene	65	U	360	65	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	70	U	360	70	ug/Kg
117-84-0	Di-n-octyl phthalate	62	U	360	62	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	360	40	ug/Kg
207-08-9	Benzo(k)fluoranthene	80	U	360	80	ug/Kg
50-32-8	Benzo(a)pyrene	58	U	360	58	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	3/27/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	3/28/2006
Client Sample ID:	GE-53-23(0-5)	SDG No.:	X2128
Lab Sample ID:	X2128-08	Matrix:	SOIL
Analytical Method:	8270	% Moisture:	9
Sample Wt/Vol:	30.1 g	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030504.D	1	3/29/2006	4/5/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	46	U	360	46	ug/Kg
53-70-3	Dibenz(a,h)anthracene	45	U	360	45	ug/Kg
191-24-2	Benzo(g,h,i)perylene	60	U	360	60	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	209.46	70 %	25 - 121		SPK: 30
13127-88-3	Phenol-d5	228.73	76 %	24 - 113		SPK: 30
4165-60-0	Nitrobenzene-d5	130.74	65 %	23 - 120		SPK: 20
321-60-8	2-Fluorobiphenyl	120.1	60 %	30 - 116		SPK: 20
118-79-6	2,4,6-Tribromophenol	201.46	67 %	19 - 122		SPK: 30
1718-51-0	Terphenyl-d14	196.67	98 %	18 - 137		SPK: 20
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	491321	6.77			
1146-65-2	Naphthalene-d8	1957235	9.09			
15067-26-2	Acenaphthene-d10	1195229	12.59			
1517-22-2	Phenanthrene-d10	1762369	15.60			
1719-03-5	Chrysene-d12	987482	20.98			
1520-96-3	Perylene-d12	727531	24.54			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP4.35	2000	A	4.35		ug/Kg
	unknown8.61	200	J	8.61		ug/Kg
	Unknown8.76	360		8.76		ug/Kg
94-59-7	1,3-Benzodioxole, 5-(2-propenyl)-	1300	J	10.36		ug/Kg
	unknown15.48	240	J	15.48		ug/Kg
57-10-3	n-Hexadecanoic acid	770	JB	16.83		ug/Kg
	unknown18.24	120	J	18.24		ug/Kg
57-11-4	Octadecanoic acid	100	J	18.40		ug/Kg
1599-67-3	1-Docosene	250	JB	20.75		ug/Kg
7683-64-9	Squalene	170	J	23.12		ug/Kg
18435-45-5	1-Nonadecene	170	J	26.30		ug/Kg
	unknown30.43	170	J	30.43		ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	3/28/2006
Client Sample ID:	GE-53-24(0-5)	**SDG No.:**	X2128
Lab Sample ID:	X2128-10	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	7
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030503.D	1	3/29/2006	4/5/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	73	U	350	73	ug/Kg
108-95-2	Phenol	54	U	350	54	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56	U	350	56	ug/Kg
95-57-8	2-Chlorophenol	57	U	350	57	ug/Kg
95-48-7	2-Methylphenol	59	U	350	59	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	57	U	350	57	ug/Kg
98-86-2	Acetophenone	52	U	350	52	ug/Kg
106-44-5	3+4-Methylphenols	56	U	350	56	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	59	U	350	59	ug/Kg
67-72-1	Hexachloroethane	60	U	350	60	ug/Kg
98-95-3	Nitrobenzene	77	U	350	77	ug/Kg
78-59-1	Isophorone	53	U	350	53	ug/Kg
88-75-5	2-Nitrophenol	55	U	350	55	ug/Kg
105-67-9	2,4-Dimethylphenol	56	U	350	56	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58	U	350	58	ug/Kg
120-83-2	2,4-Dichlorophenol	66	U	350	66	ug/Kg
91-20-3	Naphthalene	61	U	350	61	ug/Kg
106-47-8	4-Chloroaniline	42	U	350	42	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	350	55	ug/Kg
105-60-2	Caprolactam	57	U	350	57	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	350	49	ug/Kg
91-57-6	2-Methylnaphthalene	59	U	350	59	ug/Kg
77-47-4	Hexachlorocyclopentadiene	57	U	350	57	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	350	52	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54	U	890	54	ug/Kg
92-52-4	1,1-Biphenyl	58	U	350	58	ug/Kg
91-58-7	2-Chloronaphthalene	59	U	350	59	ug/Kg
88-74-4	2-Nitroaniline	45	U	890	45	ug/Kg
131-11-3	Dimethylphthalate	57	U	350	57	ug/Kg
208-96-8	Acenaphthylene	58	U	350	58	ug/Kg
606-20-2	2,6-Dinitrotoluene	50	U	350	50	ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	3/27/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	3/28/2006
Client Sample ID:	GE-53-24(0-5)	SDG No.:	X2128
Lab Sample ID:	X2128-10	Matrix:	SOIL
Analytical Method:	8270	% Moisture:	7
Sample Wt/Vol:	30.1 g	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030503.D	1	3/29/2006	4/5/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	46	U	890	46	ug/Kg
83-32-9	Acenaphthene	63	U	350	63	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	890	300	ug/Kg
100-02-7	4-Nitrophenol	44	U	890	44	ug/Kg
132-64-9	Dibenzofuran	59	U	350	59	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	350	52	ug/Kg
84-66-2	Diethylphthalate	61	U	350	61	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	350	56	ug/Kg
86-73-7	Fluorene	60	U	350	60	ug/Kg
100-01-6	4-Nitroaniline	61	U	890	61	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	69	U	890	69	ug/Kg
86-30-6	N-Nitrosodiphenylamine	58	U	350	58	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	350	53	ug/Kg
118-74-1	Hexachlorobenzene	57	U	350	57	ug/Kg
1912-24-9	Atrazine	54	U	350	54	ug/Kg
87-86-5	Pentachlorophenol	82	U	890	82	ug/Kg
85-01-8	Phenanthrene	57	U	350	57	ug/Kg
120-12-7	Anthracene	54	U	350	54	ug/Kg
86-74-8	Carbazole	54	U	350	54	ug/Kg
84-74-2	Di-n-butylphthalate	54	U	350	54	ug/Kg
206-44-0	Fluoranthene	53	U	350	53	ug/Kg
129-00-0	Pyrene	63	U	350	63	ug/Kg
85-68-7	Butylbenzylphthalate	57	U	350	57	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	350	61	ug/Kg
56-55-3	Benzo(a)anthracene	50	U	350	50	ug/Kg
218-01-9	Chrysene	64	U	350	64	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	87	JB	350	68	ug/Kg
117-84-0	Di-n-octyl phthalate	60	U	350	60	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	U	350	39	ug/Kg
207-08-9	Benzo(k)fluoranthene	78	U	350	78	ug/Kg
50-32-8	Benzo(a)pyrene	57	U	350	57	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	3/28/2006
Client Sample ID:	GE-53-24(0-5)	**SDG No.:**	X2128
Lab Sample ID:	X2128-10	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	7
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030503.D	1	3/29/2006	4/5/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	350	45	ug/Kg
53-70-3	Dibenz(a,h)anthracene	45	U	350	45	ug/Kg
191-24-2	Benzo(g,h,i)perylene	59	U	350	59	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	221.92	74 %	25 - 121		SPK: 30
13127-88-3	Phenol-d5	235.91	79 %	24 - 113		SPK: 30
4165-60-0	Nitrobenzene-d5	140.04	70 %	23 - 120		SPK: 20
321-60-8	2-Fluorobiphenyl	129.64	65 %	30 - 116		SPK: 20
118-79-6	2,4,6-Tribromophenol	203.95	68 %	19 - 122		SPK: 30
1718-51-0	Terphenyl-d14	208.55	104 %	18 - 137		SPK: 20
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	500885	6.78			
1146-65-2	Naphthalene-d8	1941132	9.10			
15067-26-2	Acenaphthene-d10	1193517	12.59			
1517-22-2	Phenanthrene-d10	1788093	15.61			
1719-03-5	Chrysene-d12	990912	20.99			
1520-96-3	Perylene-d12	746883	24.55			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP4.36	2100	AB	4.36		ug/Kg
2416-20-8	Hexadecenoic acid, Z-11-	76	J	16.65		ug/Kg
57-10-3	n-Hexadecanoic acid	670	JB	16.83		ug/Kg
112-80-1	Oleic Acid	83	J	18.23		ug/Kg
57-11-4	Octadecanoic acid	100	J	18.40		ug/Kg
1599-67-3	1-Docosene	220	JB	20.76		ug/Kg
111-02-4	2,6,10,14,18,22-Tetracosahexaene,	280	J	23.14		ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	3/28/2006
Client Sample ID:	GE-53-25(0-5)	**SDG No.:**	X2128
Lab Sample ID:	X2128-12	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	8
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030509.D	1	3/29/2006	4/5/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	74	U	360	74	ug/Kg
108-95-2	Phenol	54	U	360	54	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57	U	360	57	ug/Kg
95-57-8	2-Chlorophenol	57	U	360	57	ug/Kg
95-48-7	2-Methylphenol	60	U	360	60	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58	U	360	58	ug/Kg
98-86-2	Acetophenone	52	U	360	52	ug/Kg
106-44-5	3+4-Methylphenols	57	U	360	57	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	59	U	360	59	ug/Kg
67-72-1	Hexachloroethane	61	U	360	61	ug/Kg
98-95-3	Nitrobenzene	78	U	360	78	ug/Kg
78-59-1	Isophorone	54	U	360	54	ug/Kg
88-75-5	2-Nitrophenol	55	U	360	55	ug/Kg
105-67-9	2,4-Dimethylphenol	57	U	360	57	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	59	U	360	59	ug/Kg
120-83-2	2,4-Dichlorophenol	66	U	360	66	ug/Kg
91-20-3	Naphthalene	61	U	360	61	ug/Kg
106-47-8	4-Chloroaniline	43	U	360	43	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	360	55	ug/Kg
105-60-2	Caprolactam	58	U	360	58	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	360	49	ug/Kg
91-57-6	2-Methylnaphthalene	60	U	360	60	ug/Kg
77-47-4	Hexachlorocyclopentadiene	57	U	360	57	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	360	53	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	900	55	ug/Kg
92-52-4	1,1-Biphenyl	59	U	360	59	ug/Kg
91-58-7	2-Chloronaphthalene	59	U	360	59	ug/Kg
88-74-4	2-Nitroaniline	45	U	900	45	ug/Kg
131-11-3	Dimethylphthalate	58	U	360	58	ug/Kg
208-96-8	Acenaphthylene	58	U	360	58	ug/Kg
606-20-2	2,6-Dinitrotoluene	51	U	360	51	ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	3/28/2006
Client Sample ID:	GE-53-25(0-5)	**SDG No.:**	X2128
Lab Sample ID:	X2128-12	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	8
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030509.D	1	3/29/2006	4/5/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	47	U	900	47	ug/Kg
83-32-9	Acenaphthene	64	U	360	64	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	900	310	ug/Kg
100-02-7	4-Nitrophenol	44	U	900	44	ug/Kg
132-64-9	Dibenzofuran	59	U	360	59	ug/Kg
121-14-2	2,4-Dinitrotoluene	53	U	360	53	ug/Kg
84-66-2	Diethylphthalate	62	U	360	62	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	360	57	ug/Kg
86-73-7	Fluorene	60	U	360	60	ug/Kg
100-01-6	4-Nitroaniline	61	U	900	61	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70	U	900	70	ug/Kg
86-30-6	N-Nitrosodiphenylamine	59	U	360	59	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	360	53	ug/Kg
118-74-1	Hexachlorobenzene	57	U	360	57	ug/Kg
1912-24-9	Atrazine	55	U	360	55	ug/Kg
87-86-5	Pentachlorophenol	83	U	900	83	ug/Kg
85-01-8	Phenanthrene	580		360	57	ug/Kg
120-12-7	Anthracene	92	J	360	54	ug/Kg
86-74-8	Carbazole	61	J	360	55	ug/Kg
84-74-2	Di-n-butylphthalate	170	J	360	55	ug/Kg
206-44-0	Fluoranthene	780		360	53	ug/Kg
129-00-0	Pyrene	1200		360	63	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	360	58	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	360	61	ug/Kg
56-55-3	Benzo(a)anthracene	370		360	50	ug/Kg
218-01-9	Chrysene	390		360	64	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	120	JB	360	69	ug/Kg
117-84-0	Di-n-octyl phthalate	61	U	360	61	ug/Kg
205-99-2	Benzo(b)fluoranthene	760		360	39	ug/Kg
207-08-9	Benzo(k)fluoranthene	250	J	360	79	ug/Kg
50-32-8	Benzo(a)pyrene	360	J	360	57	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	3/28/2006
Client Sample ID:	GE-53-25(0-5)	**SDG No.:**	X2128
Lab Sample ID:	X2128-12	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	8
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030509.D	1	3/29/2006	4/5/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	360	45	ug/Kg
53-70-3	Dibenz(a,h)anthracene	45	U	360	45	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	J	360	59	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	207.25	69 %	25 - 121		SPK: 30
13127-88-3	Phenol-d5	217.13	72 %	24 - 113		SPK: 30
4165-60-0	Nitrobenzene-d5	136.83	68 %	23 - 120		SPK: 20
321-60-8	2-Fluorobiphenyl	135.7	68 %	30 - 116		SPK: 20
118-79-6	2,4,6-Tribromophenol	217.14	72 %	19 - 122		SPK: 30
1718-51-0	Terphenyl-d14	248.44	124 %	18 - 137		SPK: 20
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	536667	6.77			
1146-65-2	Naphthalene-d8	2088705	9.09			
15067-26-2	Acenaphthene-d10	1207821	12.59			
1517-22-2	Phenanthrene-d10	1612275	15.60			
1719-03-5	Chrysene-d12	752476	21.00			
1520-96-3	Perylene-d12	150848	24.54			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP4.35	2000	A	4.35		ug/Kg
2531-84-2	Phenanthrene, 2-methyl-	99	J	16.63		ug/Kg
613-12-7	Anthracene, 2-methyl-	94	J	16.68		ug/Kg
84-65-1	9,10-Anthracenedione	89	J	17.27		ug/Kg
	unknown18.24	130	J	18.24		ug/Kg
238-84-6	11H-Benzo[a]fluorene	82	J	19.21		ug/Kg
1599-67-3	1-Docosene	190	JB	20.76		ug/Kg
7683-64-9	Squalene	690	J	23.13		ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	3/28/2006
Client Sample ID:	GE-53-25(0-5)RE	**SDG No.:**	X2128
Lab Sample ID:	X2128-12RE	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	8
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030541.D	1	3/29/2006	4/7/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	74	U	360	74	ug/Kg
108-95-2	Phenol	54	U	360	54	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57	U	360	57	ug/Kg
95-57-8	2-Chlorophenol	57	U	360	57	ug/Kg
95-48-7	2-Methylphenol	60	U	360	60	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58	U	360	58	ug/Kg
98-86-2	Acetophenone	52	U	360	52	ug/Kg
106-44-5	3+4-Methylphenols	57	U	360	57	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	59	U	360	59	ug/Kg
67-72-1	Hexachloroethane	61	U	360	61	ug/Kg
98-95-3	Nitrobenzene	78	U	360	78	ug/Kg
78-59-1	Isophorone	54	U	360	54	ug/Kg
88-75-5	2-Nitrophenol	55	U	360	55	ug/Kg
105-67-9	2,4-Dimethylphenol	57	U	360	57	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	59	U	360	59	ug/Kg
120-83-2	2,4-Dichlorophenol	66	U	360	66	ug/Kg
91-20-3	Naphthalene	61	U	360	61	ug/Kg
106-47-8	4-Chloroaniline	43	U	360	43	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	360	55	ug/Kg
105-60-2	Caprolactam	58	U	360	58	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	360	49	ug/Kg
91-57-6	2-Methylnaphthalene	60	U	360	60	ug/Kg
77-47-4	Hexachlorocyclopentadiene	57	U	360	57	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	360	53	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	900	55	ug/Kg
92-52-4	1,1-Biphenyl	59	U	360	59	ug/Kg
91-58-7	2-Chloronaphthalene	59	U	360	59	ug/Kg
88-74-4	2-Nitroaniline	45	U	900	45	ug/Kg
131-11-3	Dimethylphthalate	58	U	360	58	ug/Kg
208-96-8	Acenaphthylene	58	U	360	58	ug/Kg
606-20-2	2,6-Dinitrotoluene	51	U	360	51	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	3/28/2006
Client Sample ID:	GE-53-25(0-5)RE	**SDG No.:**	X2128
Lab Sample ID:	X2128-12RE	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	8
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030541.D	1	3/29/2006	4/7/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	47	U	900	47	ug/Kg
83-32-9	Acenaphthene	64	U	360	64	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	900	310	ug/Kg
100-02-7	4-Nitrophenol	44	U	900	44	ug/Kg
132-64-9	Dibenzofuran	59	U	360	59	ug/Kg
121-14-2	2,4-Dinitrotoluene	53	U	360	53	ug/Kg
84-66-2	Diethylphthalate	62	U	360	62	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	360	57	ug/Kg
86-73-7	Fluorene	60	U	360	60	ug/Kg
100-01-6	4-Nitroaniline	61	U	900	61	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	70	U	900	70	ug/Kg
86-30-6	N-Nitrosodiphenylamine	59	U	360	59	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	360	53	ug/Kg
118-74-1	Hexachlorobenzene	57	U	360	57	ug/Kg
1912-24-9	Atrazine	55	U	360	55	ug/Kg
87-86-5	Pentachlorophenol	83	U	900	83	ug/Kg
85-01-8	Phenanthrene	580		360	57	ug/Kg
120-12-7	Anthracene	87	J	360	54	ug/Kg
86-74-8	Carbazole	57	J	360	55	ug/Kg
84-74-2	Di-n-butylphthalate	150	J	360	55	ug/Kg
206-44-0	Fluoranthene	810		360	53	ug/Kg
129-00-0	Pyrene	1200		360	63	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	360	58	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	360	61	ug/Kg
56-55-3	Benzo(a)anthracene	380		360	50	ug/Kg
218-01-9	Chrysene	380		360	64	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	130	JB	360	69	ug/Kg
117-84-0	Di-n-octyl phthalate	61	U	360	61	ug/Kg
205-99-2	Benzo(b)fluoranthene	750		360	39	ug/Kg
207-08-9	Benzo(k)fluoranthene	260	J	360	79	ug/Kg
50-32-8	Benzo(a)pyrene	330	J	360	57	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	3/28/2006
Client Sample ID:	GE-53-25(0-5)RE	**SDG No.:**	X2128
Lab Sample ID:	X2128-12RE	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	8
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BB030541.D	1	3/29/2006	4/7/2006	BB040506

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	360	45	ug/Kg
53-70-3	Dibenz(a,h)anthracene	45	U	360	45	ug/Kg
191-24-2	Benzo(g,h,i)perylene	91	J	360	59	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	214.29	71 %	25 - 121		SPK: 30
13127-88-3	Phenol-d5	211.9	71 %	24 - 113		SPK: 30
4165-60-0	Nitrobenzene-d5	128.17	64 %	23 - 120		SPK: 20
321-60-8	2-Fluorobiphenyl	136.49	68 %	30 - 116		SPK: 20
118-79-6	2,4,6-Tribromophenol	212.07	71 %	19 - 122		SPK: 30
1718-51-0	Terphenyl-d14	279.39	140 %	18 - 137		SPK: 20
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	343369	6.75			
1146-65-2	Naphthalene-d8	1394469	9.07			
15067-26-2	Acenaphthene-d10	793357	12.57			
1517-22-2	Phenanthrene-d10	1034692	15.58			
1719-03-5	Chrysene-d12	469909	20.97			
1520-96-3	Perylene-d12	86027	24.48			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	Nat Turner Park 222884	**Date Received:**	3/28/2006
Client Sample ID:	GE-53-8(0-4.5)	**SDG No.:**	X2128
Lab Sample ID:	X2128-02	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	9
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P4003612.D	1	3/29/2006	3/30/2006	P4032506

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.8	U	19	2.8	ug/Kg
11104-28-2	AROCLOR 1221	4.3	U	19	4.3	ug/Kg
11141-16-5	AROCLOR 1232	6.4	U	19	6.4	ug/Kg
53469-21-9	AROCLOR 1242	5.7	U	19	5.7	ug/Kg
12672-29-6	AROCLOR 1248	2.8	U	19	2.8	ug/Kg
11097-69-1	AROCLOR 1254	1.8	U	19	1.8	ug/Kg
11096-82-5	AROCLOR 1260	4.6	U	19	4.6	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.71	84 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	14.28	71 %	58 - 125		SPK: 20

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	Nat Turner Park 222884	**Date Received:**	3/28/2006
Client Sample ID:	GE-53-21(0-4.5)	**SDG No.:**	X2128
Lab Sample ID:	X2128-04	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	6
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P4003613.D	1	3/29/2006	3/30/2006	P4032506

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.7	U	18	2.7	ug/Kg
11104-28-2	AROCLOR 1221	4.2	U	18	4.2	ug/Kg
11141-16-5	AROCLOR 1232	6.2	U	18	6.2	ug/Kg
53469-21-9	AROCLOR 1242	5.6	U	18	5.6	ug/Kg
12672-29-6	AROCLOR 1248	2.7	U	18	2.7	ug/Kg
11097-69-1	AROCLOR 1254	1.8	U	18	1.8	ug/Kg
11096-82-5	AROCLOR 1260	4.5	U	18	4.5	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.88	89 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	17.61	88 %	58 - 125		SPK: 20

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	Nat Turner Park 222884	**Date Received:**	3/28/2006
Client Sample ID:	GE-53-22(0-5)	**SDG No.:**	X2128
Lab Sample ID:	X2128-06	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	7
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P4003614.D	1	3/29/2006	3/30/2006	P4032506

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.7	U	18	2.7	ug/Kg
11104-28-2	AROCLOR 1221	4.2	U	18	4.2	ug/Kg
11141-16-5	AROCLOR 1232	6.3	U	18	6.3	ug/Kg
53469-21-9	AROCLOR 1242	5.6	U	18	5.6	ug/Kg
12672-29-6	AROCLOR 1248	2.7	U	18	2.7	ug/Kg
11097-69-1	AROCLOR 1254	1.8	U	18	1.8	ug/Kg
11096-82-5	AROCLOR 1260	4.5	U	18	4.5	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.37	82 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	15.68	78 %	58 - 125		SPK: 20

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MDL = Method Detection Limit
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J = Estimated Value
B = Analyte Found In Associated Method Blank
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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	Nat Turner Park 222884	**Date Received:**	3/28/2006
Client Sample ID:	GE-53-23(0-5)	**SDG No.:**	X2128
Lab Sample ID:	X2128-08	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	9
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P4003615.D	1	3/29/2006	3/30/2006	P4032506

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.8	U	18	2.8	ug/Kg
11104-28-2	AROCLOR 1221	4.3	U	18	4.3	ug/Kg
11141-16-5	AROCLOR 1232	6.4	U	18	6.4	ug/Kg
53469-21-9	AROCLOR 1242	5.7	U	18	5.7	ug/Kg
12672-29-6	AROCLOR 1248	2.8	U	18	2.8	ug/Kg
11097-69-1	AROCLOR 1254	1.8	U	18	1.8	ug/Kg
11096-82-5	AROCLOR 1260	4.6	U	18	4.6	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.81	89 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	15.16	76 %	58 - 125		SPK: 20

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	Nat Turner Park 222884	**Date Received:**	3/28/2006
Client Sample ID:	GE-53-24(0-5)	**SDG No.:**	X2128
Lab Sample ID:	X2128-10	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	7
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P4003616.D	1	3/29/2006	3/30/2006	P4032506

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.7	U	18	2.7	ug/Kg
11104-28-2	AROCLOR 1221	4.2	U	18	4.2	ug/Kg
11141-16-5	AROCLOR 1232	6.3	U	18	6.3	ug/Kg
53469-21-9	AROCLOR 1242	5.6	U	18	5.6	ug/Kg
12672-29-6	AROCLOR 1248	2.7	U	18	2.7	ug/Kg
11097-69-1	AROCLOR 1254	1.8	U	18	1.8	ug/Kg
11096-82-5	AROCLOR 1260	4.5	U	18	4.5	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.39	92 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	16.63	83 %	58 - 125		SPK: 20

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J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	Nat Turner Park 222884	**Date Received:**	3/28/2006
Client Sample ID:	GE-54-24(0-4.5)	**SDG No.:**	X2128
Lab Sample ID:	X2128-14	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	6
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P4003618.D	1	3/29/2006	3/30/2006	P4032506

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.7	U	18	2.7	ug/Kg
11104-28-2	AROCLOR 1221	4.2	U	18	4.2	ug/Kg
11141-16-5	AROCLOR 1232	6.2	U	18	6.2	ug/Kg
53469-21-9	AROCLOR 1242	5.5	U	18	5.5	ug/Kg
12672-29-6	AROCLOR 1248	2.7	U	18	2.7	ug/Kg
11097-69-1	AROCLOR 1254	1.7	U	18	1.7	ug/Kg
11096-82-5	AROCLOR 1260	4.4	U	18	4.4	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.19	86 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	16.58	83 %	58 - 125		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	Nat Turner Park 222884	**Date Received:**	3/28/2006
Client Sample ID:	GE-53-25(0-5)	**SDG No.:**	X2128
Lab Sample ID:	X2128-12	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	8
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P4003617.D	1	3/29/2006	3/30/2006	P4032506

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.7	U	18	2.7	ug/Kg
11104-28-2	AROCLOR 1221	4.2	U	18	4.2	ug/Kg
11141-16-5	AROCLOR 1232	6.3	U	18	6.3	ug/Kg
53469-21-9	AROCLOR 1242	5.6	U	18	5.6	ug/Kg
12672-29-6	AROCLOR 1248	2.7	U	18	2.7	ug/Kg
11097-69-1	AROCLOR 1254	79		18	1.8	ug/Kg
11096-82-5	AROCLOR 1260	4.5	U	18	4.5	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.58	88 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	16.54	83 %	58 - 125		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	MTA/LIRR East side a	**Date Received:**	3/28/2006
Client Sample ID:	GE-53-21(0-4.5)	**SDG No.:**	X2128
Lab Sample ID:	X2128-04	**Matrix:**	SOIL
		% Solids:	93.90

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	1.2			mg/Kg	0.42	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-39-3	Barium	28.2			mg/Kg	0.08	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-43-9	Cadmium	0.04	U		mg/Kg	0.04	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-47-3	Chromium	9.2			mg/Kg	0.09	1	4/5/2006	4/6/2006	EPA SW-846 6010
7439-92-1	Lead	6.0		N	mg/Kg	0.31	1	4/5/2006	4/6/2006	EPA SW-846 6010
7439-97-6	Mercury	0.009	J		mg/Kg	0.006	1	3/29/2006	3/29/2006	EPA SW-846 7471
7782-49-2	Selenium	0.36	U		mg/Kg	0.36	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-22-4	Silver	0.24	J		mg/Kg	0.08	1	4/5/2006	4/6/2006	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	MTA/LIRR East side a	**Date Received:**	3/28/2006
Client Sample ID:	GE-53-8(0-4.5)	**SDG No.:**	X2128
Lab Sample ID:	X2128-02	**Matrix:**	SOIL
		% Solids:	90.50

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	2.1			mg/Kg	0.43	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-39-3	Barium	32.3			mg/Kg	0.08	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-43-9	Cadmium	0.04	U		mg/Kg	0.04	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-47-3	Chromium	15.1			mg/Kg	0.10	1	4/5/2006	4/6/2006	EPA SW-846 6010
7439-92-1	Lead	13.9		N	mg/Kg	0.32	1	4/5/2006	4/6/2006	EPA SW-846 6010
7439-97-6	Mercury	0.029			mg/Kg	0.006	1	3/29/2006	3/29/2006	EPA SW-846 7471
7782-49-2	Selenium	0.43	J		mg/Kg	0.38	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-22-4	Silver	0.31	J		mg/Kg	0.09	1	4/5/2006	4/6/2006	EPA SW-846 6010

Comments:

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DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	MTA/LIRR East side a	**Date Received:**	3/28/2006
Client Sample ID:	GE-53-22(0-5)	**SDG No.:**	X2128
Lab Sample ID:	X2128-06	**Matrix:**	SOIL
		% Solids:	92.80

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	2.0		mg/Kg	0.41	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-39-3	Barium	46.5		mg/Kg	0.08	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-43-9	Cadmium	0.03	U	mg/Kg	0.03	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-47-3	Chromium	12.5		mg/Kg	0.09	1	4/5/2006	4/6/2006	EPA SW-846 6010
7439-92-1	Lead	30.1	N	mg/Kg	0.30	1	4/5/2006	4/6/2006	EPA SW-846 6010
7439-97-6	Mercury	0.040		mg/Kg	0.006	1	3/29/2006	3/29/2006	EPA SW-846 7471
7782-49-2	Selenium	0.65	J	mg/Kg	0.36	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-22-4	Silver	0.33	J	mg/Kg	0.08	1	4/5/2006	4/6/2006	EPA SW-846 6010

Comments:

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J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	MTA/LIRR East side a	**Date Received:**	3/28/2006
Client Sample ID:	GE-53-23(0-5)	**SDG No.:**	X2128
Lab Sample ID:	X2128-08	**Matrix:**	SOIL
		% Solids:	90.60

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	2.3			mg/Kg	0.43	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-39-3	Barium	34.0			mg/Kg	0.08	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-43-9	Cadmium	0.04	U		mg/Kg	0.04	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-47-3	Chromium	15.7			mg/Kg	0.10	1	4/5/2006	4/6/2006	EPA SW-846 6010
7439-92-1	Lead	12.5		N	mg/Kg	0.31	1	4/5/2006	4/6/2006	EPA SW-846 6010
7439-97-6	Mercury	0.026			mg/Kg	0.006	1	3/29/2006	3/29/2006	EPA SW-846 7471
7782-49-2	Selenium	0.37	U		mg/Kg	0.37	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-22-4	Silver	0.53	J		mg/Kg	0.09	1	4/5/2006	4/6/2006	EPA SW-846 6010

Comments:

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J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	MTA/LIRR East side a	**Date Received:**	3/28/2006
Client Sample ID:	GE-53-24(0-5)	**SDG No.:**	X2128
Lab Sample ID:	X2128-10	**Matrix:**	SOIL
		% Solids:	93.40

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	1.7		mg/Kg	0.41	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-39-3	Barium	29.2		mg/Kg	0.08	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-43-9	Cadmium	0.03	U	mg/Kg	0.03	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-47-3	Chromium	10.7		mg/Kg	0.09	1	4/5/2006	4/6/2006	EPA SW-846 6010
7439-92-1	Lead	11.6	N	mg/Kg	0.30	1	4/5/2006	4/6/2006	EPA SW-846 6010
7439-97-6	Mercury	0.015		mg/Kg	0.006	1	3/29/2006	3/29/2006	EPA SW-846 7471
7782-49-2	Selenium	0.36	U	mg/Kg	0.36	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-22-4	Silver	0.18	J	mg/Kg	0.08	1	4/5/2006	4/6/2006	EPA SW-846 6010

Comments:

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N = Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	3/27/2006
Project:	MTA/LIRR East side a	**Date Received:**	3/28/2006
Client Sample ID:	GE-53-25(0-5)	**SDG No.:**	X2128
Lab Sample ID:	X2128-12	**Matrix:**	SOIL
		% Solids:	92.00

CAS No.	Analyte	Conc.	Qualifier	Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	2.5		mg/Kg	0.42	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-39-3	Barium	44.1		mg/Kg	0.08	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-43-9	Cadmium	1.1		mg/Kg	0.04	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-47-3	Chromium	10.0		mg/Kg	0.09	1	4/5/2006	4/6/2006	EPA SW-846 6010
7439-92-1	Lead	85.8	N	mg/Kg	0.31	1	4/5/2006	4/6/2006	EPA SW-846 6010
7439-97-6	Mercury	0.086		mg/Kg	0.006	1	3/29/2006	3/29/2006	EPA SW-846 7471
7782-49-2	Selenium	0.63	J	mg/Kg	0.37	1	4/5/2006	4/6/2006	EPA SW-846 6010
7440-22-4	Silver	0.54	J	mg/Kg	0.09	1	4/5/2006	4/6/2006	EPA SW-846 6010

Comments:

U = Not Detected
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J = Estimated Value
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N = Spiked sample recovery not within control limits

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO. X2128

COC Number 058275

CLIENT INFORMATION (REPORT TO BE SENT TO:)

COMPANY: GEC
ADDRESS: 469 7th Ave, 14th floor
CITY: New York STATE: NY ZIP: 10018
ATTENTION: Romana Narozník
PHONE: 212-643-2412 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: East Side Access
PROJECT NO.: 07I2023 LOCATION: Sunnyside Yard
PROJECT MANAGER: R. Narozník
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: GEC PO#:
ADDRESS: 469 7th Ave, 14th Floor
CITY: New York STATE: NY ZIP: 10018
ATTENTION: R. Narozník PHONE:

DATA TURNAROUND INFORMATION

FAX: 10 DAYS *
HARD COPY: 10 DAYS *
EDD: 10 DAYS *
* TO BE APPROVED BY CHEMTECH
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other
☒ EDD FORMAT Excel

ANALYSIS

1 TCL VOCs
2 TCL SVOCs
3 TCL PCBs
4 RCRA Metals
5
6
7
8
9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	GE-53-25 (2.5')			X	10/27	1145		X									
2.	GE-53-25 (0-5')		X		10/27	1150			X	X	X						
3.	GE-54-24 (2.5')			X	10/27	1235		X									
4.	GE-54-24 (0-4.5')		X		10/27	1240			X	X	X						
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

COMMENTS: ← Specify Preservatives
A-HCl B-HNO_3 C-H_2SO_4 D-NaOH E-ICE F-Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. Jean Mercer	3/27/06	1.
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:
2.		2.
IED BY:	DATE/TIME:	RECEIVED FOR LAB BY:
-d-EX	3-28-06	3. D. Nelson

Conditions of bottles or coolers at receipt: ☒ Compliant ☐ Non Compliant
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments:

Cooler Temp. 5°C
Ice in Cooler?: Yes

Page 2 of 2

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☒ OVERNIGHT
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☒ YES ☐ NO

155

4/2005

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

GE-53-1,2,13

CHEMTECH 284 Sheffield Street • Mountainside, NJ 07092 Phone: 908.789.8900 Fax: 908.789.8922

ANALYTICAL RESULTS SUMMARY

PROJECT NAME: MTA/LIRR East side access-GEC Contract

PB/STV/PTG JOINT VENTURE
469 7TH AVENUE, 14TH FLOOR
NEW YORK, NY 10018
2129041702

CHEMTECH PROJECT NO. **X3510**
ATTENTION: **Romana Narozik**

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	6/28/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	6/29/2006
Client Sample ID:	GE-53-11	SDG No.:	X3510
Lab Sample ID:	X3510-01	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	12
Sample Wt/Wol:	1.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK007864.D	1	7/10/2006	VK061206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.9	U	28	4.9	ug/Kg
74-87-3	Chloromethane	4.8	U	28	4.8	ug/Kg
75-01-4	Vinyl chloride	4.7	U	28	4.7	ug/Kg
74-83-9	Bromomethane	12	U	28	12	ug/Kg
75-00-3	Chloroethane	12	U	28	12	ug/Kg
75-69-4	Trichlorofluoromethane	7.1	U	28	7.1	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.8	U	28	3.8	ug/Kg
75-35-4	1,1-Dichloroethene	3.3	U	28	3.3	ug/Kg
67-64-1	Acetone	63	J	140	19	ug/Kg
75-15-0	Carbon disulfide	2.1	U	28	2.1	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.1	U	28	2.1	ug/Kg
79-20-9	Methyl Acetate	4.9	U	28	4.9	ug/Kg
75-09-2	Methylene Chloride	17	JB	28	10	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.6	U	28	3.6	ug/Kg
75-34-3	1,1-Dichloroethane	1.5	U	28	1.5	ug/Kg
110-82-7	Cyclohexane	1.8	U	28	1.8	ug/Kg
78-93-3	2-Butanone	16	U	140	16	ug/Kg
56-23-5	Carbon Tetrachloride	2.5	U	28	2.5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.8	U	28	1.8	ug/Kg
67-66-3	Chloroform	2.0	U	28	2.0	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.4	U	28	2.4	ug/Kg
108-87-2	Methylcyclohexane	2.4	U	28	2.4	ug/Kg
71-43-2	Benzene	2.3	U	28	2.3	ug/Kg
107-06-2	1,2-Dichloroethane	1.7	U	28	1.7	ug/Kg
79-01-6	Trichloroethene	1.8	U	28	1.8	ug/Kg
78-87-5	1,2-Dichloropropane	2.3	U	28	2.3	ug/Kg
75-27-4	Bromodichloromethane	1.9	U	28	1.9	ug/Kg
108-10-1	4-Methyl-2-Pentanone	11	U	140	11	ug/Kg
108-88-3	Toluene	2.3	U	28	2.3	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.1	U	28	2.1	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.9	U	28	1.9	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.7	U	28	1.7	ug/Kg

U = Not Detected
RL = Reporting Limit
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E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	6/28/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	6/29/2006
Client Sample ID:	GE-53-11	SDG No.:	X3510
Lab Sample ID:	X3510-01	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	12
Sample Wt/Wol:	1.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK007864.D	1	7/10/2006	VK061206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	20	U	140	20	ug/Kg
124-48-1	Dibromochloromethane	1.3	U	28	1.3	ug/Kg
106-93-4	1,2-Dibromoethane	2.3	U	28	2.3	ug/Kg
127-18-4	Tetrachloroethene	4.1	U	28	4.1	ug/Kg
108-90-7	Chlorobenzene	2.1	U	28	2.1	ug/Kg
100-41-4	Ethyl Benzene	2.0	U	28	2.0	ug/Kg
126777-61-2	m/p-Xylenes	4.9	U	57	4.9	ug/Kg
95-47-6	o-Xylene	2.2	U	28	2.2	ug/Kg
100-42-5	Styrene	2.6	U	28	2.6	ug/Kg
75-25-2	Bromoform	1.8	U	28	1.8	ug/Kg
98-82-8	Isopropylbenzene	2.4	U	28	2.4	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.8	U	28	1.8	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.2	U	28	3.2	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.1	U	28	3.1	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.2	U	28	2.2	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.4	U	28	5.4	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.9	U	28	3.9	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.59	115 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	58.05	116 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	58.89	118 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	45.59	91 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	209440	3.50			
540-36-3	1,4-Difluorobenzene	288779	3.91			
3114-55-4	Chlorobenzene-d5	270732	6.68			
3855-82-1	1,4-Dichlorobenzene-d4	188388	8.96			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	6/28/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	6/29/2006
Client Sample ID:	GE-53-12	SDG No.:	X3510
Lab Sample ID:	X3510-02	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	6
Sample Wt/Wol:	1.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK007865.D	1	7/10/2006	VK061206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.5	U	26	4.5	ug/Kg
74-87-3	Chloromethane	4.4	U	26	4.4	ug/Kg
75-01-4	Vinyl chloride	4.3	U	26	4.3	ug/Kg
74-83-9	Bromomethane	11	U	26	11	ug/Kg
75-00-3	Chloroethane	11	U	26	11	ug/Kg
75-69-4	Trichlorofluoromethane	6.5	U	26	6.5	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.5	U	26	3.5	ug/Kg
75-35-4	1,1-Dichloroethene	3.0	U	26	3.0	ug/Kg
67-64-1	Acetone	51	J	130	18	ug/Kg
75-15-0	Carbon disulfide	1.9	U	26	1.9	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.9	U	26	1.9	ug/Kg
79-20-9	Methyl Acetate	4.5	U	26	4.5	ug/Kg
75-09-2	Methylene Chloride	17	JB	26	9.5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.3	U	26	3.3	ug/Kg
75-34-3	1,1-Dichloroethane	1.4	U	26	1.4	ug/Kg
110-82-7	Cyclohexane	1.7	U	26	1.7	ug/Kg
78-93-3	2-Butanone	15	U	130	15	ug/Kg
56-23-5	Carbon Tetrachloride	2.3	U	26	2.3	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.7	U	26	1.7	ug/Kg
67-66-3	Chloroform	1.8	U	26	1.8	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.2	U	26	2.2	ug/Kg
108-87-2	Methylcyclohexane	2.2	U	26	2.2	ug/Kg
71-43-2	Benzene	2.1	U	26	2.1	ug/Kg
107-06-2	1,2-Dichloroethane	1.6	U	26	1.6	ug/Kg
79-01-6	Trichloroethene	1.6	U	26	1.6	ug/Kg
78-87-5	1,2-Dichloropropane	2.1	U	26	2.1	ug/Kg
75-27-4	Bromodichloromethane	1.7	U	26	1.7	ug/Kg
108-10-1	4-Methyl-2-Pentanone	10	U	130	10	ug/Kg
108-88-3	Toluene	2.1	U	26	2.1	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1.9	U	26	1.9	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.7	U	26	1.7	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.5	U	26	1.5	ug/Kg

U = Not Detected
RL = Reporting Limit
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E = Value Exceeds Calibration Range

J = Estimated Value
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N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	6/28/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	6/29/2006
Client Sample ID:	GE-53-12	SDG No.:	X3510
Lab Sample ID:	X3510-02	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	6
Sample Wt/Vol:	1.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK007865.D	1	7/10/2006	VK061206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	19	U	130	19	ug/Kg
124-48-1	Dibromochloromethane	1.2	U	26	1.2	ug/Kg
106-93-4	1,2-Dibromoethane	2.1	U	26	2.1	ug/Kg
127-18-4	Tetrachloroethene	3.8	U	26	3.8	ug/Kg
108-90-7	Chlorobenzene	1.9	U	26	1.9	ug/Kg
100-41-4	Ethyl Benzene	1.8	U	26	1.8	ug/Kg
126777-61-2	m/p-Xylenes	4.5	U	52	4.5	ug/Kg
95-47-6	o-Xylene	2.0	U	26	2.0	ug/Kg
100-42-5	Styrene	2.4	U	26	2.4	ug/Kg
75-25-2	Bromoform	1.6	U	26	1.6	ug/Kg
98-82-8	Isopropylbenzene	2.2	U	26	2.2	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.6	U	26	1.6	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.9	U	26	2.9	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.8	U	26	2.8	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.0	U	26	2.0	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	4.9	U	26	4.9	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.6	U	26	3.6	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.78	116 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	55.07	110 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	58.24	116 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	45.55	91 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	205304	3.51			
540-36-3	1,4-Difluorobenzene	292316	3.92			
3114-55-4	Chlorobenzene-d5	278755	6.69			
3855-82-1	1,4-Dichlorobenzene-d4	187723	8.96			

U = Not Detected
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E = Value Exceeds Calibration Range
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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	6/28/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	6/29/2006
Client Sample ID:	GE-53-13	SDG No.:	X3510
Lab Sample ID:	X3510-03	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	9
Sample Wt/Vol:	1.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK007866.D	1	7/10/2006	VK061206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.7	U	27	4.7	ug/Kg
74-87-3	Chloromethane	4.7	U	27	4.7	ug/Kg
75-01-4	Vinyl chloride	4.5	U	27	4.5	ug/Kg
74-83-9	Bromomethane	11	U	27	11	ug/Kg
75-00-3	Chloroethane	12	U	27	12	ug/Kg
75-69-4	Trichlorofluoromethane	6.9	U	27	6.9	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.7	U	27	3.7	ug/Kg
75-35-4	1,1-Dichloroethene	3.1	U	27	3.1	ug/Kg
67-64-1	Acetone	70	J	140	18	ug/Kg
75-15-0	Carbon disulfide	2.0	U	27	2.0	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.0	U	27	2.0	ug/Kg
79-20-9	Methyl Acetate	4.8	U	27	4.8	ug/Kg
75-09-2	Methylene Chloride	48	B	27	10	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.5	U	27	3.5	ug/Kg
75-34-3	1,1-Dichloroethane	1.5	U	27	1.5	ug/Kg
110-82-7	Cyclohexane	1.8	U	27	1.8	ug/Kg
78-93-3	2-Butanone	16	U	140	16	ug/Kg
56-23-5	Carbon Tetrachloride	2.4	U	27	2.4	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.8	U	27	1.8	ug/Kg
67-66-3	Chloroform	1.9	U	27	1.9	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.3	U	27	2.3	ug/Kg
108-87-2	Methylcyclohexane	2.3	U	27	2.3	ug/Kg
71-43-2	Benzene	2.2	U	27	2.2	ug/Kg
107-06-2	1,2-Dichloroethane	1.7	U	27	1.7	ug/Kg
79-01-6	Trichloroethene	1.7	U	27	1.7	ug/Kg
78-87-5	1,2-Dichloropropane	2.2	U	27	2.2	ug/Kg
75-27-4	Bromodichloromethane	1.8	U	27	1.8	ug/Kg
108-10-1	4-Methyl-2-Pentanone	11	U	140	11	ug/Kg
108-88-3	Toluene	7.9	J	27	2.2	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.0	U	27	2.0	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.8	U	27	1.8	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.6	U	27	1.6	ug/Kg

U = Not Detected
RL = Reporting Limit
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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/28/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	6/29/2006
Client Sample ID:	GE-53-13	**SDG No.:**	X3510
Lab Sample ID:	X3510-03	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	9
Sample Wt/Wol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK007866.D	1	7/10/2006	VK061206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	20	U	140	20	ug/Kg
124-48-1	Dibromochloromethane	1.3	U	27	1.3	ug/Kg
106-93-4	1,2-Dibromoethane	2.2	U	27	2.2	ug/Kg
127-18-4	Tetrachloroethene	4.0	U	27	4.0	ug/Kg
108-90-7	Chlorobenzene	2.0	U	27	2.0	ug/Kg
100-41-4	Ethyl Benzene	1.9	U	27	1.9	ug/Kg
126777-61-2	m/p-Xylenes	4.8	U	55	4.8	ug/Kg
95-47-6	o-Xylene	2.1	U	27	2.1	ug/Kg
100-42-5	Styrene	2.5	U	27	2.5	ug/Kg
75-25-2	Bromoform	1.7	U	27	1.7	ug/Kg
98-82-8	Isopropylbenzene	2.3	U	27	2.3	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.7	U	27	1.7	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.1	U	27	3.1	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.0	U	27	3.0	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.1	U	27	2.1	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.2	U	27	5.2	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.8	U	27	3.8	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	59.45	119 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	62.34	125 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	59.75	120 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	35.79	72 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	182250	3.50			
540-36-3	1,4-Difluorobenzene	245908	3.91			
3114-55-4	Chlorobenzene-d5	199540	6.68			
3855-82-1	1,4-Dichlorobenzene-d4	98835	8.96			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	6/28/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	6/29/2006
Client Sample ID:	GE-53-13RE	SDG No.:	X3510
Lab Sample ID:	X3510-03RE	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	9
Sample Wt/Wol:	1.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK007880.D	1	7/11/2006	VK061206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.8	U	28	4.8	ug/Kg
74-87-3	Chloromethane	4.7	U	28	4.7	ug/Kg
75-01-4	Vinyl chloride	4.6	U	28	4.6	ug/Kg
74-83-9	Bromomethane	11	U	28	11	ug/Kg
75-00-3	Chloroethane	12	U	28	12	ug/Kg
75-69-4	Trichlorofluoromethane	6.9	U	28	6.9	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.7	U	28	3.7	ug/Kg
75-35-4	1,1-Dichloroethene	3.2	U	28	3.2	ug/Kg
67-64-1	Acetone	55	J	140	19	ug/Kg
75-15-0	Carbon disulfide	2.0	U	28	2.0	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.0	U	28	2.0	ug/Kg
79-20-9	Methyl Acetate	4.8	U	28	4.8	ug/Kg
75-09-2	Methylene Chloride	72		28	10	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.5	U	28	3.5	ug/Kg
75-34-3	1,1-Dichloroethane	1.5	U	28	1.5	ug/Kg
110-82-7	Cyclohexane	1.8	U	28	1.8	ug/Kg
78-93-3	2-Butanone	16	U	140	16	ug/Kg
56-23-5	Carbon Tetrachloride	2.5	U	28	2.5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.8	U	28	1.8	ug/Kg
67-66-3	Chloroform	1.9	U	28	1.9	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.3	U	28	2.3	ug/Kg
108-87-2	Methylcyclohexane	2.3	U	28	2.3	ug/Kg
71-43-2	Benzene	2.2	U	28	2.2	ug/Kg
107-06-2	1,2-Dichloroethane	1.7	U	28	1.7	ug/Kg
79-01-6	Trichloroethene	1.7	U	28	1.7	ug/Kg
78-87-5	1,2-Dichloropropane	2.2	U	28	2.2	ug/Kg
75-27-4	Bromodichloromethane	1.9	U	28	1.9	ug/Kg
108-10-1	4-Methyl-2-Pentanone	11	U	140	11	ug/Kg
108-88-3	Toluene	2.2	U	28	2.2	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.0	U	28	2.0	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.8	U	28	1.8	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.6	U	28	1.6	ug/Kg

U = Not Detected
RL = Reporting Limit
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J = Estimated Value
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Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	6/28/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	6/29/2006
Client Sample ID:	GE-53-13RE	SDG No.:	X3510
Lab Sample ID:	X3510-03RE	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	9
Sample Wt/Wol:	1.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK007880.D	1	7/11/2006	VK061206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	20	U	140	20	ug/Kg
124-48-1	Dibromochloromethane	1.3	U	28	1.3	ug/Kg
106-93-4	1,2-Dibromoethane	2.2	U	28	2.2	ug/Kg
127-18-4	Tetrachloroethene	4.1	U	28	4.1	ug/Kg
108-90-7	Chlorobenzene	2.0	U	28	2.0	ug/Kg
100-41-4	Ethyl Benzene	2.0	U	28	2.0	ug/Kg
126777-61-2	m/p-Xylenes	4.8	U	56	4.8	ug/Kg
95-47-6	o-Xylene	2.1	U	28	2.1	ug/Kg
100-42-5	Styrene	2.6	U	28	2.6	ug/Kg
75-25-2	Bromoform	1.7	U	28	1.7	ug/Kg
98-82-8	Isopropylbenzene	2.3	U	28	2.3	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.7	U	28	1.7	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.1	U	28	3.1	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.0	U	28	3.0	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.1	U	28	2.1	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.2	U	28	5.2	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.8	U	28	3.8	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.58	115 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	57.57	115 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	56.93	114 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	33.53	67 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	177410	3.51			
540-36-3	1,4-Difluorobenzene	249708	3.92			
3114-55-4	Chlorobenzene-d5	202327	6.68			
3855-82-1	1,4-Dichlorobenzene-d4	92591	8.96			

U = Not Detected
RL = Reporting Limit
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E = Value Exceeds Calibration Range
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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	6/28/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	6/29/2006
Client Sample ID:	GE-54-10	SDG No.:	X3510
Lab Sample ID:	X3510-06	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	12
Sample Wt/Wol:	1.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK007877.D	1	7/11/2006	VK061206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.9	U	28	4.9	ug/Kg
74-87-3	Chloromethane	4.8	U	28	4.8	ug/Kg
75-01-4	Vinyl chloride	4.7	U	28	4.7	ug/Kg
74-83-9	Bromomethane	12	U	28	12	ug/Kg
75-00-3	Chloroethane	12	U	28	12	ug/Kg
75-69-4	Trichlorofluoromethane	7.1	U	28	7.1	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.8	U	28	3.8	ug/Kg
75-35-4	1,1-Dichloroethene	3.3	U	28	3.3	ug/Kg
67-64-1	Acetone	19	U	140	19	ug/Kg
75-15-0	Carbon disulfide	2.1	U	28	2.1	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.1	U	28	2.1	ug/Kg
79-20-9	Methyl Acetate	4.9	U	28	4.9	ug/Kg
75-09-2	Methylene Chloride	52		28	10	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.6	U	28	3.6	ug/Kg
75-34-3	1,1-Dichloroethane	1.5	U	28	1.5	ug/Kg
110-82-7	Cyclohexane	1.8	U	28	1.8	ug/Kg
78-93-3	2-Butanone	16	U	140	16	ug/Kg
56-23-5	Carbon Tetrachloride	2.5	U	28	2.5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.8	U	28	1.8	ug/Kg
67-66-3	Chloroform	2.0	U	28	2.0	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.4	U	28	2.4	ug/Kg
108-87-2	Methylcyclohexane	2.4	U	28	2.4	ug/Kg
71-43-2	Benzene	2.3	U	28	2.3	ug/Kg
107-06-2	1,2-Dichloroethane	1.7	U	28	1.7	ug/Kg
79-01-6	Trichloroethene	1.8	U	28	1.8	ug/Kg
78-87-5	1,2-Dichloropropane	2.3	U	28	2.3	ug/Kg
75-27-4	Bromodichloromethane	1.9	U	28	1.9	ug/Kg
108-10-1	4-Methyl-2-Pentanone	11	U	140	11	ug/Kg
108-88-3	Toluene	2.3	U	28	2.3	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.1	U	28	2.1	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.9	U	28	1.9	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.7	U	28	1.7	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	6/28/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	6/29/2006
Client Sample ID:	GE-54-10	SDG No.:	X3510
Lab Sample ID:	X3510-06	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	12
Sample Wt/Vol:	1.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK007877.D	1	7/11/2006	VK061206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	20	U	140	20	ug/Kg
124-48-1	Dibromochloromethane	1.3	U	28	1.3	ug/Kg
106-93-4	1,2-Dibromoethane	2.3	U	28	2.3	ug/Kg
127-18-4	Tetrachloroethene	4.1	U	28	4.1	ug/Kg
108-90-7	Chlorobenzene	2.1	U	28	2.1	ug/Kg
100-41-4	Ethyl Benzene	2.0	U	28	2.0	ug/Kg
126777-61-2	m/p-Xylenes	4.9	U	57	4.9	ug/Kg
95-47-6	o-Xylene	2.2	U	28	2.2	ug/Kg
100-42-5	Styrene	2.6	U	28	2.6	ug/Kg
75-25-2	Bromoform	1.8	U	28	1.8	ug/Kg
98-82-8	Isopropylbenzene	2.4	U	28	2.4	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.8	U	28	1.8	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.2	U	28	3.2	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.1	U	28	3.1	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.2	U	28	2.2	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.4	U	28	5.4	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.9	U	28	3.9	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	58.98	118 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	57.16	114 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	59.88	120 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	45.32	91 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	205468	3.50			
540-36-3	1,4-Difluorobenzene	292894	3.92			
3114-55-4	Chlorobenzene-d5	268592	6.68			
3855-82-1	1,4-Dichlorobenzene-d4	174654	8.96			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	6/28/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	6/29/2006
Client Sample ID:	GE-54-9	SDG No.:	X3510
Lab Sample ID:	X3510-07	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	12
Sample Wt/Wol:	1.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK007876.D	1	7/11/2006	VK061206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.8	U	28	4.8	ug/Kg
74-87-3	Chloromethane	4.8	U	28	4.8	ug/Kg
75-01-4	Vinyl chloride	4.6	U	28	4.6	ug/Kg
74-83-9	Bromomethane	11	U	28	11	ug/Kg
75-00-3	Chloroethane	12	U	28	12	ug/Kg
75-69-4	Trichlorofluoromethane	7.0	U	28	7.0	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.7	U	28	3.7	ug/Kg
75-35-4	1,1-Dichloroethene	3.2	U	28	3.2	ug/Kg
67-64-1	Acetone	57	J	140	19	ug/Kg
75-15-0	Carbon disulfide	2.1	U	28	2.1	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.1	U	28	2.1	ug/Kg
79-20-9	Methyl Acetate	4.9	U	28	4.9	ug/Kg
75-09-2	Methylene Chloride	58		28	10	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.6	U	28	3.6	ug/Kg
75-34-3	1,1-Dichloroethane	1.5	U	28	1.5	ug/Kg
110-82-7	Cyclohexane	1.8	U	28	1.8	ug/Kg
78-93-3	2-Butanone	16	U	140	16	ug/Kg
56-23-5	Carbon Tetrachloride	2.5	U	28	2.5	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.8	U	28	1.8	ug/Kg
67-66-3	Chloroform	2.0	U	28	2.0	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.4	U	28	2.4	ug/Kg
108-87-2	Methylcyclohexane	2.4	U	28	2.4	ug/Kg
71-43-2	Benzene	2.2	U	28	2.2	ug/Kg
107-06-2	1,2-Dichloroethane	1.7	U	28	1.7	ug/Kg
79-01-6	Trichloroethene	1.7	U	28	1.7	ug/Kg
78-87-5	1,2-Dichloropropane	2.2	U	28	2.2	ug/Kg
75-27-4	Bromodichloromethane	1.9	U	28	1.9	ug/Kg
108-10-1	4-Methyl-2-Pentanone	11	U	140	11	ug/Kg
108-88-3	Toluene	2.3	U	28	2.3	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.0	U	28	2.0	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.9	U	28	1.9	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.7	U	28	1.7	ug/Kg

U = Not Detected
RL = Reporting Limit
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E = Value Exceeds Calibration Range
J = Estimated Value
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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	6/28/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	6/29/2006
Client Sample ID:	GE-54-9	SDG No.:	X3510
Lab Sample ID:	X3510-07	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	12
Sample Wt/Vol:	1.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK007876.D	1	7/11/2006	VK061206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	20	U	140	20	ug/Kg
124-48-1	Dibromochloromethane	1.3	U	28	1.3	ug/Kg
106-93-4	1,2-Dibromoethane	2.3	U	28	2.3	ug/Kg
127-18-4	Tetrachloroethene	4.1	U	28	4.1	ug/Kg
108-90-7	Chlorobenzene	2.0	U	28	2.0	ug/Kg
100-41-4	Ethyl Benzene	2.0	U	28	2.0	ug/Kg
126777-61-2	m/p-Xylenes	4.9	U	56	4.9	ug/Kg
95-47-6	o-Xylene	2.2	U	28	2.2	ug/Kg
100-42-5	Styrene	2.6	U	28	2.6	ug/Kg
75-25-2	Bromoform	1.7	U	28	1.7	ug/Kg
98-82-8	Isopropylbenzene	2.3	U	28	2.3	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.7	U	28	1.7	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.1	U	28	3.1	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.1	U	28	3.1	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.2	U	28	2.2	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.3	U	28	5.3	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.8	U	28	3.8	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	59.38	119 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	60.47	121 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	60.9	122 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	44.61	89 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	209296	3.50			
540-36-3	1,4-Difluorobenzene	288812	3.91			
3114-55-4	Chlorobenzene-d5	259789	6.69			
3855-82-1	1,4-Dichlorobenzene-d4	164246	8.96			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

Chemtech

Summary Sheet
SW-846

SDG No.: X3510 Order ID: X3510

Client: PB/STV/PTG Joint Venture Project ID: PBST01

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**GE-53-11**							
X3510-01	GE-53-11	SOIL	Acetone	63	J	140	19	ug/Kg
X3510-01	GE-53-11	SOIL	Methylene Chloride	17	JB	28	10	ug/Kg
			Total VOC's:	80.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	80.00				
Client ID:	**GE-53-12**							
X3510-02	GE-53-12	SOIL	Acetone	51	J	130	18	ug/Kg
X3510-02	GE-53-12	SOIL	Methylene Chloride	17	JB	26	9.5	ug/Kg
			Total VOC's:	68.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	68.00				
Client ID:	**GE-53-13**							
X3510-03	GE-53-13	SOIL	Acetone	70	J	140	18	ug/Kg
X3510-03	GE-53-13	SOIL	Methylene Chloride	48	B	27	10	ug/Kg
X3510-03	GE-53-13	SOIL	Toluene	7.9	J	27	2.2	ug/Kg
			Total VOC's:	125.90				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	125.90				
Client ID:	**GE-53-13RE**							
X3510-03RE	GE-53-13RE	SOIL	Acetone	55	J	140	19	ug/Kg
X3510-03RE	GE-53-13RE	SOIL	Methylene Chloride	72		28	10	ug/Kg
			Total VOC's:	127.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	127.00				
Client ID:	**GE-54-10**							
X3510-06	GE-54-10	SOIL	Methylene Chloride	52		28	10	ug/Kg
			Total VOC's:	52.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	52.00				
Client ID:	**GE-54-9**							
X3510-07	GE-54-9	SOIL	Acetone	57	J	140	19	ug/Kg
X3510-07	GE-54-9	SOIL	Methylene Chloride	58		28	10	ug/Kg
			Total VOC's:	115.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	115.00				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

Chemtech

Summary Sheet
SW-846

SDG No.: X3510 Order ID: X3510

Client: PB/STV/PTG Joint Venture Project ID: PBST01

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	GE-59-5							
X3510-05	GE-59-5	SOIL	Acetone	70	J	140	19	ug/Kg
X3510-05	GE-59-5	SOIL	Methylene Chloride	50		28	10	ug/Kg
X3510-05	GE-59-5	SOIL	Toluene	6.9	J	28	2.3	ug/Kg
			Total VOC's:	126.90				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	126.90				
Client ID:	GE-59-6							
X3510-04	GE-59-6	SOIL	Acetone	75	J	150	20	ug/Kg
X3510-04	GE-59-6	SOIL	Methylene Chloride	46	B	30	11	ug/Kg
X3510-04	GE-59-6	SOIL	Toluene	7.3	J	30	2.5	ug/Kg
			Total VOC's:	128.30				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	128.30				
Client ID:	GE-59-6RE							
X3510-04RE	GE-59-6RE	SOIL	Acetone	71	J	140	19	ug/Kg
X3510-04RE	GE-59-6RE	SOIL	Methylene Chloride	67		28	10	ug/K
X3510-04RE	GE-59-6RE	SOIL	Toluene	7.1	J	28	2.3	ug/K
X3510-04RE	GE-59-6RE	SOIL	m/p-Xylenes	9.2	J	57	4.9	ug/Kg
			Total VOC's:	154.30				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	154.30				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/28/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	6/29/2006
Client Sample ID:	GE-53-11	**SDG No.:**	X3510
Lab Sample ID:	X3510-01	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	12
Sample Wt/Wol:	30.0 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032254.D	1	7/3/2006	7/6/2006	BE062206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	77	U	370	77	ug/Kg
108-95-2	Phenol	57	U	370	57	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	59	U	370	59	ug/Kg
95-57-8	2-Chlorophenol	60	U	370	60	ug/Kg
95-48-7	2-Methylphenol	62	U	370	62	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	370	60	ug/Kg
98-86-2	Acetophenone	55	U	370	55	ug/Kg
106-44-5	3+4-Methylphenols	59	U	370	59	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	62	U	370	62	ug/Kg
67-72-1	Hexachloroethane	64	U	370	64	ug/Kg
98-95-3	Nitrobenzene	82	U	370	82	ug/Kg
78-59-1	Isophorone	56	U	370	56	ug/Kg
88-75-5	2-Nitrophenol	58	U	370	58	ug/Kg
105-67-9	2,4-Dimethylphenol	60	U	370	60	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	62	U	370	62	ug/Kg
120-83-2	2,4-Dichlorophenol	69	U	370	69	ug/Kg
91-20-3	Naphthalene	64	U	370	64	ug/Kg
106-47-8	4-Chloroaniline	45	U	370	45	ug/Kg
87-68-3	Hexachlorobutadiene	58	U	370	58	ug/Kg
105-60-2	Caprolactam	60	U	370	60	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	370	52	ug/Kg
91-57-6	2-Methylnaphthalene	63	U	370	63	ug/Kg
77-47-4	Hexachlorocyclopentadiene	60	U	370	60	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	370	55	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57	U	940	57	ug/Kg
92-52-4	1,1-Biphenyl	62	U	370	62	ug/Kg
91-58-7	2-Chloronaphthalene	62	U	370	62	ug/Kg
88-74-4	2-Nitroaniline	48	U	940	48	ug/Kg
131-11-3	Dimethylphthalate	60	U	370	60	ug/Kg
208-96-8	Acenaphthylene	61	U	370	61	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	370	53	ug/Kg

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MDL = Method Detection Limit
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J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	6/28/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	6/29/2006
Client Sample ID:	GE-53-11	SDG No.:	X3510
Lab Sample ID:	X3510-01	Matrix:	SOIL
Analytical Method:	8270	% Moisture:	12
Sample Wt/Wol:	30.0 g	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032254.D	1	7/3/2006	7/6/2006	BE062206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	49	U	940	49	ug/Kg
83-32-9	Acenaphthene	67	U	370	67	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	940	320	ug/Kg
100-02-7	4-Nitrophenol	47	U	940	47	ug/Kg
132-64-9	Dibenzofuran	62	U	370	62	ug/Kg
121-14-2	2,4-Dinitrotoluene	55	U	370	55	ug/Kg
84-66-2	Diethylphthalate	65	U	370	65	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	370	59	ug/Kg
86-73-7	Fluorene	63	U	370	63	ug/Kg
100-01-6	4-Nitroaniline	64	U	940	64	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	73	U	940	73	ug/Kg
86-30-6	N-Nitrosodiphenylamine	62	U	370	62	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56	U	370	56	ug/Kg
118-74-1	Hexachlorobenzene	60	U	370	60	ug/Kg
1912-24-9	Atrazine	58	U	370	58	ug/Kg
87-86-5	Pentachlorophenol	87	U	940	87	ug/Kg
85-01-8	Phenanthrene	60	U	370	60	ug/Kg
120-12-7	Anthracene	57	U	370	57	ug/Kg
86-74-8	Carbazole	57	U	370	57	ug/Kg
84-74-2	Di-n-butylphthalate	57	U	370	57	ug/Kg
206-44-0	Fluoranthene	56	U	370	56	ug/Kg
129-00-0	Pyrene	66	U	370	66	ug/Kg
85-68-7	Butylbenzylphthalate	61	U	370	61	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	370	64	ug/Kg
56-55-3	Benzo(a)anthracene	53	U	370	53	ug/Kg
218-01-9	Chrysene	67	U	370	67	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	72	U	370	72	ug/Kg
117-84-0	Di-n-octyl phthalate	64	U	370	64	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	370	41	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	J	370	83	ug/Kg
50-32-8	Benzo(a)pyrene	60	U	370	60	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

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N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	6/28/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	6/29/2006
Client Sample ID:	GE-53-11	SDG No.:	X3510
Lab Sample ID:	X3510-01	Matrix:	SOIL
Analytical Method:	8270	% Moisture:	12
Sample Wt/Wol:	30.0 g	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032254.D	1	7/3/2006	7/6/2006	BE062206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	48	U	370	48	ug/Kg
53-70-3	Dibenz(a,h)anthracene	47	U	370	47	ug/Kg
191-24-2	Benzo(g,h,i)perylene	62	U	370	62	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	94.19	63 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	105.13	70 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	72.32	72 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	74.43	74 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	122.84	82 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	75.8	76 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	239671	4.00			
1146-65-2	Naphthalene-d8	857703	5.76			
15067-26-2	Acenaphthene-d10	494110	8.44			
1517-22-2	Phenanthrene-d10	789216	10.77			
1719-03-5	Chrysene-d12	717699	14.96			
1520-96-3	Perylene-d12	621103	17.07			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP2.32	13000	A	2.32		ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/28/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	6/29/2006
Client Sample ID:	GE-53-12	**SDG No.:**	X3510
Lab Sample ID:	X3510-02	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	6
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032255.D	1	7/3/2006	7/6/2006	BE062206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	72	U	350	72	ug/Kg
108-95-2	Phenol	53	U	350	53	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55	U	350	55	ug/Kg
95-57-8	2-Chlorophenol	56	U	350	56	ug/Kg
95-48-7	2-Methylphenol	58	U	350	58	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	57	U	350	57	ug/Kg
98-86-2	Acetophenone	51	U	350	51	ug/Kg
106-44-5	3+4-Methylphenols	55	U	350	55	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	58	U	350	58	ug/Kg
67-72-1	Hexachloroethane	60	U	350	60	ug/Kg
98-95-3	Nitrobenzene	77	U	350	77	ug/Kg
78-59-1	Isophorone	53	U	350	53	ug/Kg
88-75-5	2-Nitrophenol	54	U	350	54	ug/Kg
105-67-9	2,4-Dimethylphenol	56	U	350	56	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58	U	350	58	ug/Kg
120-83-2	2,4-Dichlorophenol	65	U	350	65	ug/Kg
91-20-3	Naphthalene	60	U	350	60	ug/Kg
106-47-8	4-Chloroaniline	42	U	350	42	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	350	54	ug/Kg
105-60-2	Caprolactam	56	U	350	56	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	350	48	ug/Kg
91-57-6	2-Methylnaphthalene	59	U	350	59	ug/Kg
77-47-4	Hexachlorocyclopentadiene	56	U	350	56	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	350	52	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54	U	880	54	ug/Kg
92-52-4	1,1-Biphenyl	58	U	350	58	ug/Kg
91-58-7	2-Chloronaphthalene	58	U	350	58	ug/Kg
88-74-4	2-Nitroaniline	45	U	880	45	ug/Kg
131-11-3	Dimethylphthalate	56	U	350	56	ug/Kg
208-96-8	Acenaphthylene	57	U	350	57	ug/Kg
606-20-2	2,6-Dinitrotoluene	50	U	350	50	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/28/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	6/29/2006
Client Sample ID:	GE-53-12	**SDG No.:**	X3510
Lab Sample ID:	X3510-02	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	6
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032255.D	1	7/3/2006	7/6/2006	BE062206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	46	U	880	46	ug/Kg
83-32-9	Acenaphthene	62	U	350	62	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	880	300	ug/Kg
100-02-7	4-Nitrophenol	43	U	880	43	ug/Kg
132-64-9	Dibenzofuran	58	U	350	58	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	350	52	ug/Kg
84-66-2	Diethylphthalate	61	U	350	61	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	350	55	ug/Kg
86-73-7	Fluorene	59	U	350	59	ug/Kg
100-01-6	4-Nitroaniline	60	U	880	60	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	68	U	880	68	ug/Kg
86-30-6	N-Nitrosodiphenylamine	58	U	350	58	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52	U	350	52	ug/Kg
118-74-1	Hexachlorobenzene	56	U	350	56	ug/Kg
1912-24-9	Atrazine	54	U	350	54	ug/Kg
87-86-5	Pentachlorophenol	81	U	880	81	ug/Kg
85-01-8	Phenanthrene	56	U	350	56	ug/Kg
120-12-7	Anthracene	53	U	350	53	ug/Kg
86-74-8	Carbazole	54	U	350	54	ug/Kg
84-74-2	Di-n-butylphthalate	53	U	350	53	ug/Kg
206-44-0	Fluoranthene	52	U	350	52	ug/Kg
129-00-0	Pyrene	62	U	350	62	ug/Kg
85-68-7	Butylbenzylphthalate	57	U	350	57	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	350	60	ug/Kg
56-55-3	Benzo(a)anthracene	49	U	350	49	ug/Kg
218-01-9	Chrysene	63	U	350	63	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	67	U	350	67	ug/Kg
117-84-0	Di-n-octyl phthalate	60	U	350	60	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	U	350	39	ug/Kg
207-08-9	Benzo(k)fluoranthene	96	J	350	77	ug/Kg
50-32-8	Benzo(a)pyrene	56	U	350	56	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/28/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	6/29/2006
Client Sample ID:	GE-53-12	**SDG No.:**	X3510
Lab Sample ID:	X3510-02	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	6
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032255.D	1	7/3/2006	7/6/2006	BE062206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	350	45	ug/Kg
53-70-3	Dibenz(a,h)anthracene	44	U	350	44	ug/Kg
191-24-2	Benzo(g,h,i)perylene	58	U	350	58	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	92.1	61 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	103.06	69 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	68.44	68 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	72.78	73 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	124.75	83 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	73.92	74 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	251845	4.00			
1146-65-2	Naphthalene-d8	925472	5.76			
15067-26-2	Acenaphthene-d10	519352	8.44			
1517-22-2	Phenanthrene-d10	847463	10.76			
1719-03-5	Chrysene-d12	770769	14.96			
1520-96-3	Perylene-d12	649681	17.06			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP2.32	12000	A	2.32		ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	6/28/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	6/29/2006
Client Sample ID:	GE-53-13	SDG No.:	X3510
Lab Sample ID:	X3510-03	Matrix:	SOIL
Analytical Method:	8270	% Moisture:	9
Sample Wt/Vol:	30.1 g	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032263.D	5	7/3/2006	7/6/2006	BE062206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	370	U	1800	370	ug/Kg
108-95-2	Phenol	270	U	1800	270	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	290	U	1800	290	ug/Kg
95-57-8	2-Chlorophenol	290	U	1800	290	ug/Kg
95-48-7	2-Methylphenol	300	U	1800	300	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	290	U	1800	290	ug/Kg
98-86-2	Acetophenone	270	U	1800	270	ug/Kg
106-44-5	3+4-Methylphenols	290	U	1800	290	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	300	U	1800	300	ug/Kg
67-72-1	Hexachloroethane	310	U	1800	310	ug/Kg
98-95-3	Nitrobenzene	400	U	1800	400	ug/Kg
78-59-1	Isophorone	270	U	1800	270	ug/Kg
88-75-5	2-Nitrophenol	280	U	1800	280	ug/Kg
105-67-9	2,4-Dimethylphenol	290	U	1800	290	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	300	U	1800	300	ug/Kg
120-83-2	2,4-Dichlorophenol	340	U	1800	340	ug/Kg
91-20-3	Naphthalene	310	U	1800	310	ug/Kg
106-47-8	4-Chloroaniline	220	U	1800	220	ug/Kg
87-68-3	Hexachlorobutadiene	280	U	1800	280	ug/Kg
105-60-2	Caprolactam	290	U	1800	290	ug/Kg
59-50-7	4-Chloro-3-methylphenol	250	U	1800	250	ug/Kg
91-57-6	2-Methylnaphthalene	300	U	1800	300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	290	U	1800	290	ug/Kg
88-06-2	2,4,6-Trichlorophenol	270	U	1800	270	ug/Kg
95-95-4	2,4,5-Trichlorophenol	280	U	4500	280	ug/Kg
92-52-4	1,1-Biphenyl	300	U	1800	300	ug/Kg
91-58-7	2-Chloronaphthalene	300	U	1800	300	ug/Kg
88-74-4	2-Nitroaniline	230	U	4500	230	ug/Kg
131-11-3	Dimethylphthalate	290	U	1800	290	ug/Kg
208-96-8	Acenaphthylene	290	U	1800	290	ug/Kg
606-20-2	2,6-Dinitrotoluene	260	U	1800	260	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/28/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	6/29/2006
Client Sample ID:	GE-53-13	**SDG No.:**	X3510
Lab Sample ID:	X3510-03	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	9
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032263.D	5	7/3/2006	7/6/2006	BE062206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	240	U	4500	240	ug/Kg
83-32-9	Acenaphthene	320	U	1800	320	ug/Kg
51-28-5	2,4-Dinitrophenol	1600	U	4500	1600	ug/Kg
100-02-7	4-Nitrophenol	220	U	4500	220	ug/Kg
132-64-9	Dibenzofuran	300	U	1800	300	ug/Kg
121-14-2	2,4-Dinitrotoluene	270	U	1800	270	ug/Kg
84-66-2	Diethylphthalate	310	U	1800	310	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	290	U	1800	290	ug/Kg
86-73-7	Fluorene	310	U	1800	310	ug/Kg
100-01-6	4-Nitroaniline	310	U	4500	310	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	350	U	4500	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	300	U	1800	300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	270	U	1800	270	ug/Kg
118-74-1	Hexachlorobenzene	290	U	1800	290	ug/Kg
1912-24-9	Atrazine	280	U	1800	280	ug/Kg
87-86-5	Pentachlorophenol	420	U	4500	420	ug/Kg
85-01-8	Phenanthrene	610	J	1800	290	ug/Kg
120-12-7	Anthracene	270	U	1800	270	ug/Kg
86-74-8	Carbazole	280	U	1800	280	ug/Kg
84-74-2	Di-n-butylphthalate	280	U	1800	280	ug/Kg
206-44-0	Fluoranthene	960	J	1800	270	ug/Kg
129-00-0	Pyrene	1200	J	1800	320	ug/Kg
85-68-7	Butylbenzylphthalate	290	U	1800	290	ug/Kg
91-94-1	3,3-Dichlorobenzidine	310	U	1800	310	ug/Kg
56-55-3	Benzo(a)anthracene	540	J	1800	250	ug/Kg
218-01-9	Chrysene	520	J	1800	330	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	350	U	1800	350	ug/Kg
117-84-0	Di-n-octyl phthalate	310	U	1800	310	ug/Kg
205-99-2	Benzo(b)fluoranthene	640	J	1800	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	660	J	1800	400	ug/Kg
50-32-8	Benzo(a)pyrene	380	J	1800	290	ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	6/28/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	6/29/2006
Client Sample ID:	GE-53-13	SDG No.:	X3510
Lab Sample ID:	X3510-03	Matrix:	SOIL
Analytical Method:	8270	% Moisture:	9
Sample Wt/Wol:	30.1 g	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032263.D	5	7/3/2006	7/6/2006	BE062206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	230	U	1800	230	ug/Kg
53-70-3	Dibenz(a,h)anthracene	230	U	1800	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	300	U	1800	300	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	88.25	59 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	103	69 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	64.45	64 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	79.65	80 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	100.5	67 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	99.85	100 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	247171	3.99			
1146-65-2	Naphthalene-d8	902935	5.76			
15067-26-2	Acenaphthene-d10	519029	8.44			
1517-22-2	Phenanthrene-d10	825318	10.77			
1719-03-5	Chrysene-d12	536763	14.96			
1520-96-3	Perylene-d12	256560	17.07			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP2.23	12000	A	2.23		ug/Kg

U = Not Detected
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MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	6/28/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	6/29/2006
Client Sample ID:	GE-53-13RE	SDG No.:	X3510
Lab Sample ID:	X3510-03RE	Matrix:	SOIL
Analytical Method:	8270	% Moisture:	9
Sample Wt/Vol:	30.1 g	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032306.D	5	7/3/2006	7/8/2006	BE062206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	370	U	1800	370	ug/Kg
108-95-2	Phenol	270	U	1800	270	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	290	U	1800	290	ug/Kg
95-57-8	2-Chlorophenol	290	U	1800	290	ug/Kg
95-48-7	2-Methylphenol	300	U	1800	300	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	290	U	1800	290	ug/Kg
98-86-2	Acetophenone	270	U	1800	270	ug/Kg
106-44-5	3+4-Methylphenols	290	U	1800	290	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	300	U	1800	300	ug/Kg
67-72-1	Hexachloroethane	310	U	1800	310	ug/Kg
98-95-3	Nitrobenzene	400	U	1800	400	ug/Kg
78-59-1	Isophorone	270	U	1800	270	ug/Kg
88-75-5	2-Nitrophenol	280	U	1800	280	ug/Kg
105-67-9	2,4-Dimethylphenol	290	U	1800	290	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	300	U	1800	300	ug/Kg
120-83-2	2,4-Dichlorophenol	340	U	1800	340	ug/Kg
91-20-3	Naphthalene	310	U	1800	310	ug/Kg
106-47-8	4-Chloroaniline	220	U	1800	220	ug/Kg
87-68-3	Hexachlorobutadiene	280	U	1800	280	ug/Kg
105-60-2	Caprolactam	290	U	1800	290	ug/Kg
59-50-7	4-Chloro-3-methylphenol	250	U	1800	250	ug/Kg
91-57-6	2-Methylnaphthalene	300	U	1800	300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	290	U	1800	290	ug/Kg
88-06-2	2,4,6-Trichlorophenol	270	U	1800	270	ug/Kg
95-95-4	2,4,5-Trichlorophenol	280	U	4500	280	ug/Kg
92-52-4	1,1-Biphenyl	300	U	1800	300	ug/Kg
91-58-7	2-Chloronaphthalene	300	U	1800	300	ug/Kg
88-74-4	2-Nitroaniline	230	U	4500	230	ug/Kg
131-11-3	Dimethylphthalate	290	U	1800	290	ug/Kg
208-96-8	Acenaphthylene	290	U	1800	290	ug/Kg
606-20-2	2,6-Dinitrotoluene	260	U	1800	260	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/28/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	6/29/2006
Client Sample ID:	GE-53-13RE	**SDG No.:**	X3510
Lab Sample ID:	X3510-03RE	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	9
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032306.D	5	7/3/2006	7/8/2006	BE062206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	240	U	4500	240	ug/Kg
83-32-9	Acenaphthene	320	U	1800	320	ug/Kg
51-28-5	2,4-Dinitrophenol	1600	U	4500	1600	ug/Kg
100-02-7	4-Nitrophenol	220	U	4500	220	ug/Kg
132-64-9	Dibenzofuran	300	U	1800	300	ug/Kg
121-14-2	2,4-Dinitrotoluene	270	U	1800	270	ug/Kg
84-66-2	Diethylphthalate	310	U	1800	310	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	290	U	1800	290	ug/Kg
86-73-7	Fluorene	310	U	1800	310	ug/Kg
100-01-6	4-Nitroaniline	310	U	4500	310	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	350	U	4500	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	300	U	1800	300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	270	U	1800	270	ug/Kg
118-74-1	Hexachlorobenzene	290	U	1800	290	ug/Kg
1912-24-9	Atrazine	280	U	1800	280	ug/Kg
87-86-5	Pentachlorophenol	420	U	4500	420	ug/Kg
85-01-8	Phenanthrene	620	J	1800	290	ug/Kg
120-12-7	Anthracene	270	U	1800	270	ug/Kg
86-74-8	Carbazole	280	U	1800	280	ug/Kg
84-74-2	Di-n-butylphthalate	280	U	1800	280	ug/Kg
206-44-0	Fluoranthene	960	J	1800	270	ug/Kg
129-00-0	Pyrene	1300	J	1800	320	ug/Kg
85-68-7	Butylbenzylphthalate	290	U	1800	290	ug/Kg
91-94-1	3,3-Dichlorobenzidine	310	U	1800	310	ug/Kg
56-55-3	Benzo(a)anthracene	530	J	1800	250	ug/Kg
218-01-9	Chrysene	560	J	1800	330	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	350	U	1800	350	ug/Kg
117-84-0	Di-n-octyl phthalate	310	U	1800	310	ug/Kg
205-99-2	Benzo(b)fluoranthene	660	J	1800	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	660	J	1800	400	ug/Kg
50-32-8	Benzo(a)pyrene	410	J	1800	290	ug/Kg

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Report of Analysis

Client:	**PB/STV/PTG Joint Venture**	**Date Collected:**	**6/28/2006**
Project:	**MTA/LIRR East side access-GEC C**	**Date Received:**	**6/29/2006**
Client Sample ID:	**GE-53-13RE**	**SDG No.:**	**X3510**
Lab Sample ID:	**X3510-03RE**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**9**
Sample Wt/Vol:	**30.1 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032306.D	5	7/3/2006	7/8/2006	BE062206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	230	U	1800	230	ug/Kg
53-70-3	Dibenz(a,h)anthracene	230	U	1800	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	300	U	1800	300	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	87.39999	58 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	100.45	67 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	63.25	63 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	80.3	80 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	111.15	74 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	108.25	108 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	235725	3.96			
1146-65-2	Naphthalene-d8	855300	5.72			
15067-26-2	Acenaphthene-d10	479758	8.41			
1517-22-2	Phenanthrene-d10	777122	10.73			
1719-03-5	Chrysene-d12	473157	14.92			
1520-96-3	Perylene-d12	202295	17.02			

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/28/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	6/29/2006
Client Sample ID:	GE-54-10	**SDG No.:**	X3510
Lab Sample ID:	X3510-06	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	12
Sample Wt/Wol:	30.0 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032256.D	1	7/3/2006	7/6/2006	BE062206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	77	U	370	77	ug/Kg
108-95-2	Phenol	57	U	370	57	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	59	U	370	59	ug/Kg
95-57-8	2-Chlorophenol	60	U	370	60	ug/Kg
95-48-7	2-Methylphenol	62	U	370	62	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	370	60	ug/Kg
98-86-2	Acetophenone	55	U	370	55	ug/Kg
106-44-5	3+4-Methylphenols	59	U	370	59	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	62	U	370	62	ug/Kg
67-72-1	Hexachloroethane	64	U	370	64	ug/Kg
98-95-3	Nitrobenzene	82	U	370	82	ug/Kg
78-59-1	Isophorone	56	U	370	56	ug/Kg
88-75-5	2-Nitrophenol	58	U	370	58	ug/Kg
105-67-9	2,4-Dimethylphenol	60	U	370	60	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	62	U	370	62	ug/Kg
120-83-2	2,4-Dichlorophenol	69	U	370	69	ug/Kg
91-20-3	Naphthalene	64	U	370	64	ug/Kg
106-47-8	4-Chloroaniline	45	U	370	45	ug/Kg
87-68-3	Hexachlorobutadiene	58	U	370	58	ug/Kg
105-60-2	Caprolactam	60	U	370	60	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	370	52	ug/Kg
91-57-6	2-Methylnaphthalene	63	U	370	63	ug/Kg
77-47-4	Hexachlorocyclopentadiene	60	U	370	60	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	370	55	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57	U	940	57	ug/Kg
92-52-4	1,1-Biphenyl	62	U	370	62	ug/Kg
91-58-7	2-Chloronaphthalene	62	U	370	62	ug/Kg
88-74-4	2-Nitroaniline	48	U	940	48	ug/Kg
131-11-3	Dimethylphthalate	60	U	370	60	ug/Kg
208-96-8	Acenaphthylene	61	U	370	61	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	370	53	ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	6/28/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	6/29/2006
Client Sample ID:	GE-54-10	SDG No.:	X3510
Lab Sample ID:	X3510-06	Matrix:	SOIL
Analytical Method:	8270	% Moisture:	12
Sample Wt/Vol:	30.0 g	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032256.D	1	7/3/2006	7/6/2006	BE062206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	49	U	940	49	ug/Kg
83-32-9	Acenaphthene	67	U	370	67	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	940	320	ug/Kg
100-02-7	4-Nitrophenol	47	U	940	47	ug/Kg
132-64-9	Dibenzofuran	62	U	370	62	ug/Kg
121-14-2	2,4-Dinitrotoluene	55	U	370	55	ug/Kg
84-66-2	Diethylphthalate	65	U	370	65	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	370	59	ug/Kg
86-73-7	Fluorene	63	U	370	63	ug/Kg
100-01-6	4-Nitroaniline	64	U	940	64	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	73	U	940	73	ug/Kg
86-30-6	N-Nitrosodiphenylamine	62	U	370	62	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56	U	370	56	ug/Kg
118-74-1	Hexachlorobenzene	60	U	370	60	ug/Kg
1912-24-9	Atrazine	58	U	370	58	ug/Kg
87-86-5	Pentachlorophenol	87	U	940	87	ug/Kg
85-01-8	Phenanthrene	60	U	370	60	ug/Kg
120-12-7	Anthracene	57	U	370	57	ug/Kg
86-74-8	Carbazole	57	U	370	57	ug/Kg
84-74-2	Di-n-butylphthalate	57	U	370	57	ug/Kg
206-44-0	Fluoranthene	72	J	370	56	ug/Kg
129-00-0	Pyrene	70	J	370	66	ug/Kg
85-68-7	Butylbenzylphthalate	61	U	370	61	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	370	64	ug/Kg
56-55-3	Benzo(a)anthracene	53	U	370	53	ug/Kg
218-01-9	Chrysene	67	U	370	67	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	72	U	370	72	ug/Kg
117-84-0	Di-n-octyl phthalate	64	U	370	64	ug/Kg
205-99-2	Benzo(b)fluoranthene	62	J	370	41	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	J	370	83	ug/Kg
50-32-8	Benzo(a)pyrene	60	U	370	60	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/28/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	6/29/2006
Client Sample ID:	GE-54-10	**SDG No.:**	X3510
Lab Sample ID:	X3510-06	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	12
Sample Wt/Wol:	30.0 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032256.D	1	7/3/2006	7/6/2006	BE062206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	48	U	370	48	ug/Kg
53-70-3	Dibenz(a,h)anthracene	47	U	370	47	ug/Kg
191-24-2	Benzo(g,h,i)perylene	62	U	370	62	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	92.97	62 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	104.77	70 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	70.57	71 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	73.6	74 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	125.43	84 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	74.88	75 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	244948	4.00			
1146-65-2	Naphthalene-d8	887817	5.76			
15067-26-2	Acenaphthene-d10	506133	8.44			
1517-22-2	Phenanthrene-d10	819783	10.76			
1719-03-5	Chrysene-d12	749792	14.96			
1520-96-3	Perylene-d12	618335	17.07			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP2.32	13000	A	2.32		ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	6/28/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	6/29/2006
Client Sample ID:	GE-54-9	SDG No.:	X3510
Lab Sample ID:	X3510-07	Matrix:	SOIL
Analytical Method:	8270	% Moisture:	12
Sample Wt/Vol:	30.1 g	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032262.D	1	7/3/2006	7/6/2006	BE062206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	77	U	370	77	ug/Kg
108-95-2	Phenol	57	U	370	57	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	59	U	370	59	ug/Kg
95-57-8	2-Chlorophenol	60	U	370	60	ug/Kg
95-48-7	2-Methylphenol	62	U	370	62	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	370	60	ug/Kg
98-86-2	Acetophenone	55	U	370	55	ug/Kg
106-44-5	3+4-Methylphenols	59	U	370	59	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	62	U	370	62	ug/Kg
67-72-1	Hexachloroethane	64	U	370	64	ug/Kg
98-95-3	Nitrobenzene	82	U	370	82	ug/Kg
78-59-1	Isophorone	56	U	370	56	ug/Kg
88-75-5	2-Nitrophenol	58	U	370	58	ug/Kg
105-67-9	2,4-Dimethylphenol	59	U	370	59	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	62	U	370	62	ug/Kg
120-83-2	2,4-Dichlorophenol	69	U	370	69	ug/Kg
91-20-3	Naphthalene	64	U	370	64	ug/Kg
106-47-8	4-Chloroaniline	45	U	370	45	ug/Kg
87-68-3	Hexachlorobutadiene	58	U	370	58	ug/Kg
105-60-2	Caprolactam	60	U	370	60	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	370	52	ug/Kg
91-57-6	2-Methylnaphthalene	63	U	370	63	ug/Kg
77-47-4	Hexachlorocyclopentadiene	60	U	370	60	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	370	55	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57	U	940	57	ug/Kg
92-52-4	1,1-Biphenyl	62	U	370	62	ug/Kg
91-58-7	2-Chloronaphthalene	62	U	370	62	ug/Kg
88-74-4	2-Nitroaniline	48	U	940	48	ug/Kg
131-11-3	Dimethylphthalate	60	U	370	60	ug/Kg
208-96-8	Acenaphthylene	61	U	370	61	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	370	53	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/28/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	6/29/2006
Client Sample ID:	GE-54-9	**SDG No.:**	X3510
Lab Sample ID:	X3510-07	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	12
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032262.D	1	7/3/2006	7/6/2006	BE062206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	49	U	940	49	ug/Kg
83-32-9	Acenaphthene	67	U	370	67	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	940	320	ug/Kg
100-02-7	4-Nitrophenol	46	U	940	46	ug/Kg
132-64-9	Dibenzofuran	62	U	370	62	ug/Kg
121-14-2	2,4-Dinitrotoluene	55	U	370	55	ug/Kg
84-66-2	Diethylphthalate	65	U	370	65	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	370	59	ug/Kg
86-73-7	Fluorene	63	U	370	63	ug/Kg
100-01-6	4-Nitroaniline	64	U	940	64	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	73	U	940	73	ug/Kg
86-30-6	N-Nitrosodiphenylamine	62	U	370	62	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56	U	370	56	ug/Kg
118-74-1	Hexachlorobenzene	60	U	370	60	ug/Kg
1912-24-9	Atrazine	57	U	370	57	ug/Kg
87-86-5	Pentachlorophenol	87	U	940	87	ug/Kg
85-01-8	Phenanthrene	210	J	370	60	ug/Kg
120-12-7	Anthracene	57	U	370	57	ug/Kg
86-74-8	Carbazole	57	U	370	57	ug/Kg
84-74-2	Di-n-butylphthalate	57	U	370	57	ug/Kg
206-44-0	Fluoranthene	370	J	370	56	ug/Kg
129-00-0	Pyrene	420		370	66	ug/Kg
85-68-7	Butylbenzylphthalate	61	U	370	61	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	370	64	ug/Kg
56-55-3	Benzo(a)anthracene	190	J	370	52	ug/Kg
218-01-9	Chrysene	220	J	370	67	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	72	J	370	72	ug/Kg
117-84-0	Di-n-octyl phthalate	64	U	370	64	ug/Kg
205-99-2	Benzo(b)fluoranthene	260	J	370	41	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	J	370	82	ug/Kg
50-32-8	Benzo(a)pyrene	150	J	370	60	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**PB/STV/PTG Joint Venture**	**Date Collected:**	**6/28/2006**
Project:	**MTA/LIRR East side access-GEC C**	**Date Received:**	**6/29/2006**
Client Sample ID:	**GE-54-9**	**SDG No.:**	**X3510**
Lab Sample ID:	**X3510-07**	**Matrix:**	**SOIL**
Analytical Method:	**8270**	**% Moisture:**	**12**
Sample Wt/Wol:	**30.1 g**	**Extract Vol:**	**1000 uL**

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032262.D	1	7/3/2006	7/6/2006	BE062206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	62	J	370	48	ug/Kg
53-70-3	Dibenz(a,h)anthracene	47	U	370	47	ug/Kg
191-24-2	Benzo(g,h,i)perylene	86	J	370	62	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	93.2	62 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	103.85	69 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	70.48	70 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	73.58	74 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	126.95	85 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	94.21	94 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	248263	4.00			
1146-65-2	Naphthalene-d8	903584	5.76			
15067-26-2	Acenaphthene-d10	507670	8.44			
1517-22-2	Phenanthrene-d10	823717	10.77			
1719-03-5	Chrysene-d12	550964	14.97			
1520-96-3	Perylene-d12	270255	17.07			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP2.32	13000	A	2.32		ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/28/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	6/29/2006
Client Sample ID:	GE-54-9RE	**SDG No.:**	X3510
Lab Sample ID:	X3510-07RE	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	12
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032305.D	1	7/3/2006	7/8/2006	BE062206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	77	U	370	77	ug/Kg
108-95-2	Phenol	57	U	370	57	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	59	U	370	59	ug/Kg
95-57-8	2-Chlorophenol	60	U	370	60	ug/Kg
95-48-7	2-Methylphenol	62	U	370	62	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	370	60	ug/Kg
98-86-2	Acetophenone	55	U	370	55	ug/Kg
106-44-5	3+4-Methylphenols	59	U	370	59	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	62	U	370	62	ug/Kg
67-72-1	Hexachloroethane	64	U	370	64	ug/Kg
98-95-3	Nitrobenzene	82	U	370	82	ug/Kg
78-59-1	Isophorone	56	U	370	56	ug/Kg
88-75-5	2-Nitrophenol	58	U	370	58	ug/Kg
105-67-9	2,4-Dimethylphenol	59	U	370	59	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	62	U	370	62	ug/Kg
120-83-2	2,4-Dichlorophenol	69	U	370	69	ug/Kg
91-20-3	Naphthalene	64	U	370	64	ug/Kg
106-47-8	4-Chloroaniline	45	U	370	45	ug/Kg
87-68-3	Hexachlorobutadiene	58	U	370	58	ug/Kg
105-60-2	Caprolactam	60	U	370	60	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	370	52	ug/Kg
91-57-6	2-Methylnaphthalene	63	U	370	63	ug/Kg
77-47-4	Hexachlorocyclopentadiene	60	U	370	60	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	370	55	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57	U	940	57	ug/Kg
92-52-4	1,1-Biphenyl	62	U	370	62	ug/Kg
91-58-7	2-Chloronaphthalene	62	U	370	62	ug/Kg
88-74-4	2-Nitroaniline	48	U	940	48	ug/Kg
131-11-3	Dimethylphthalate	60	U	370	60	ug/Kg
208-96-8	Acenaphthylene	61	U	370	61	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	370	53	ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	6/28/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	6/29/2006
Client Sample ID:	GE-54-9RE	SDG No.:	X3510
Lab Sample ID:	X3510-07RE	Matrix:	SOIL
Analytical Method:	8270	% Moisture:	12
Sample Wt/Vol:	30.1 g	Extract Vol:	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032305.D	1	7/3/2006	7/8/2006	BE062206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	49	U	940	49	ug/Kg
83-32-9	Acenaphthene	67	U	370	67	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	940	320	ug/Kg
100-02-7	4-Nitrophenol	46	U	940	46	ug/Kg
132-64-9	Dibenzofuran	62	U	370	62	ug/Kg
121-14-2	2,4-Dinitrotoluene	55	U	370	55	ug/Kg
84-66-2	Diethylphthalate	65	U	370	65	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	370	59	ug/Kg
86-73-7	Fluorene	63	U	370	63	ug/Kg
100-01-6	4-Nitroaniline	64	U	940	64	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	73	U	940	73	ug/Kg
86-30-6	N-Nitrosodiphenylamine	62	U	370	62	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56	U	370	56	ug/Kg
118-74-1	Hexachlorobenzene	60	U	370	60	ug/Kg
1912-24-9	Atrazine	57	U	370	57	ug/Kg
87-86-5	Pentachlorophenol	87	U	940	87	ug/Kg
85-01-8	Phenanthrene	210	J	370	60	ug/Kg
120-12-7	Anthracene	57	U	370	57	ug/Kg
86-74-8	Carbazole	57	U	370	57	ug/Kg
84-74-2	Di-n-butylphthalate	57	U	370	57	ug/Kg
206-44-0	Fluoranthene	360	J	370	56	ug/Kg
129-00-0	Pyrene	440		370	66	ug/Kg
85-68-7	Butylbenzylphthalate	61	U	370	61	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	370	64	ug/Kg
56-55-3	Benzo(a)anthracene	200	J	370	52	ug/Kg
218-01-9	Chrysene	230	J	370	67	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	79	J	370	72	ug/Kg
117-84-0	Di-n-octyl phthalate	64	U	370	64	ug/Kg
205-99-2	Benzo(b)fluoranthene	260	J	370	41	ug/Kg
207-08-9	Benzo(k)fluoranthene	180	J	370	82	ug/Kg
50-32-8	Benzo(a)pyrene	150	J	370	60	ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/28/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	6/29/2006
Client Sample ID:	GE-54-9RE	**SDG No.:**	X3510
Lab Sample ID:	X3510-07RE	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	12
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE032305.D	1	7/3/2006	7/8/2006	BE062206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	63	J	370	48	ug/Kg
53-70-3	Dibenz(a,h)anthracene	47	U	370	47	ug/Kg
191-24-2	Benzo(g,h,i)perylene	90	J	370	62	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	93.97	63 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	101.88	68 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	70.48	70 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	74.05	74 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	132.76	89 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	99.62	100 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	232873	3.96			
1146-65-2	Naphthalene-d8	842334	5.72			
15067-26-2	Acenaphthene-d10	479345	8.41			
1517-22-2	Phenanthrene-d10	780647	10.73			
1719-03-5	Chrysene-d12	495200	14.93			
1520-96-3	Perylene-d12	228328	17.03			

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B = Analyte Found In Associated Method Blank
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Hit Summary Report

SDG No.: X3510 Order ID: X3510

Client: PB/STV/PTG Joint Venture Project ID: MTA/LIRR East side access-GEC Co

Test: SVOCMS Group1

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**GE-53-11**							
X3510-01	GE-53-11	SOIL	Benzo(k)fluoranthene	100	J	370	83	ug/Kg
X3510-01	GE-53-11	SOIL	ACP2.32	* 13000	A	0	0	ug/Kg
			Total SVOC's:	100.00				
			Total TIC's:	13000.00				
			Total SVOC's and TIC's:	13100.00				
Client ID:	**GE-53-12**							
X3510-02	GE-53-12	SOIL	Benzo(k)fluoranthene	96	J	350	77	ug/Kg
X3510-02	GE-53-12	SOIL	ACP2.32	* 12000	A	0	0	ug/Kg
			Total SVOC's:	96.00				
			Total TIC's:	12000.00				
			Total SVOC's and TIC's:	12096.00				
Client ID:	**GE-53-13**							
X3510-03	GE-53-13	SOIL	Phenanthrene	610	J	1800	290	ug/Kg
X3510-03	GE-53-13	SOIL	Fluoranthene	960	J	1800	270	ug/Kg
X3510-03	GE-53-13	SOIL	Pyrene	1200	J	1800	320	ug/Kg
X3510-03	GE-53-13	SOIL	Benzo(a)anthracene	540	J	1800	250	ug/Kg
X3510-03	GE-53-13	SOIL	Chrysene	520	J	1800	330	ug/Kg
X3510-03	GE-53-13	SOIL	Benzo(b)fluoranthene	640	J	1800	200	ug/Kg
X3510-03	GE-53-13	SOIL	Benzo(k)fluoranthene	660	J	1800	400	ug/Kg
X3510-03	GE-53-13	SOIL	Benzo(a)pyrene	380	J	1800	290	ug/Kg
X3510-03	GE-53-13	SOIL	ACP2.23	* 12000	A	0	0	ug/Kg
			Total SVOC's:	5510.00				
			Total TIC's:	12000.00				
			Total SVOC's and TIC's:	17510.00				
Client ID:	**GE-53-13RE**							
X3510-03RE	GE-53-13RE	SOIL	Phenanthrene	620	J	1800	290	ug/Kg
X3510-03RE	GE-53-13RE	SOIL	Fluoranthene	960	J	1800	270	ug/Kg
X3510-03RE	GE-53-13RE	SOIL	Pyrene	1300	J	1800	320	ug/Kg
X3510-03RE	GE-53-13RE	SOIL	Benzo(a)anthracene	530	J	1800	250	ug/Kg
X3510-03RE	GE-53-13RE	SOIL	Chrysene	560	J	1800	330	ug/Kg
X3510-03RE	GE-53-13RE	SOIL	Benzo(b)fluoranthene	660	J	1800	200	ug/Kg
X3510-03RE	GE-53-13RE	SOIL	Benzo(k)fluoranthene	660	J	1800	400	ug/Kg
X3510-03RE	GE-53-13RE	SOIL	Benzo(a)pyrene	410	J	1800	290	ug/Kg
			Total SVOC's:	5700.00				
			Total TIC's:	0.00				
			Total SVOC's and TIC's:	5700.00				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

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Hit Summary Report

SDG No.: X3510 Order ID: X3510

Client: PB/STV/PTG Joint Venture Project ID: MTA/LIRR East side access-GEC Co

Test: SVOCMS Group1

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**GE-54-10**							
X3510-06	GE-54-10	SOIL	Fluoranthene	72	J	370	56	ug/Kg
X3510-06	GE-54-10	SOIL	Pyrene	70	J	370	66	ug/Kg
X3510-06	GE-54-10	SOIL	Benzo(b)fluoranthene	62	J	370	41	ug/Kg
X3510-06	GE-54-10	SOIL	Benzo(k)fluoranthene	120	J	370	83	ug/Kg
X3510-06	GE-54-10	SOIL	ACP2.32	* 13000	A	0	0	ug/Kg
			Total SVOC's:	324.00				
			Total TIC's:	13000.00				
			Total SVOC's and TIC's:	13324.00				
Client ID:	**GE-54-9**							
X3510-07	GE-54-9	SOIL	Phenanthrene	210	J	370	60	ug/Kg
X3510-07	GE-54-9	SOIL	Fluoranthene	370	J	370	56	ug/Kg
X3510-07	GE-54-9	SOIL	Pyrene	420		370	66	ug/Kg
X3510-07	GE-54-9	SOIL	Benzo(a)anthracene	190	J	370	52	ug/Kg
X3510-07	GE-54-9	SOIL	Chrysene	220	J	370	67	ug/Kg
X3510-07	GE-54-9	SOIL	bis(2-Ethylhexyl)phthalate	72	J	370	72	ug/Kg
X3510-07	GE-54-9	SOIL	Benzo(b)fluoranthene	260	J	370	41	ug/Kg
510-07	GE-54-9	SOIL	Benzo(k)fluoranthene	170	J	370	82	ug/Kg
X3510-07	GE-54-9	SOIL	Benzo(a)pyrene	150	J	370	60	ug/Kg
X3510-07	GE-54-9	SOIL	Indeno(1,2,3-cd)pyrene	62	J	370	48	ug/Kg
X3510-07	GE-54-9	SOIL	Benzo(g,h,i)perylene	86	J	370	62	ug/Kg
X3510-07	GE-54-9	SOIL	ACP2.32	* 13000	A	0	0	ug/Kg
			Total SVOC's:	2210.00				
			Total TIC's:	13000.00				
			Total SVOC's and TIC's:	15210.00				
Client ID:	**GE-54-9RE**							
X3510-07RE	GE-54-9RE	SOIL	Phenanthrene	210	J	370	60	ug/Kg
X3510-07RE	GE-54-9RE	SOIL	Fluoranthene	360	J	370	56	ug/Kg
X3510-07RE	GE-54-9RE	SOIL	Pyrene	440		370	66	ug/Kg
X3510-07RE	GE-54-9RE	SOIL	Benzo(a)anthracene	200	J	370	52	ug/Kg
X3510-07RE	GE-54-9RE	SOIL	Chrysene	230	J	370	67	ug/Kg
X3510-07RE	GE-54-9RE	SOIL	bis(2-Ethylhexyl)phthalate	79	J	370	72	ug/Kg
X3510-07RE	GE-54-9RE	SOIL	Benzo(b)fluoranthene	260	J	370	41	ug/Kg
X3510-07RE	GE-54-9RE	SOIL	Benzo(k)fluoranthene	180	J	370	82	ug/Kg
X3510-07RE	GE-54-9RE	SOIL	Benzo(a)pyrene	150	J	370	60	ug/Kg
X3510-07RE	GE-54-9RE	SOIL	Indeno(1,2,3-cd)pyrene	63	J	370	48	ug/Kg
X3510-07RE	GE-54-9RE	SOIL	Benzo(g,h,i)perylene	90	J	370	62	ug/Kg
			Total SVOC's:	2262.00				
			Total TIC's:	0.00				
			Total SVOC's and TIC's:	2262.00				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

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Hit Summary Report

SDG No.: X3510 Order ID: X3510

Client: PB/STV/PTG Joint Venture Project ID: MTA/LIRR East side access-GEC Co

Test: SVOCMS Group1

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	GE-59-5							
X3510-05	GE-59-5	SOIL	Phenanthrene	200	J	370	59	ug/Kg
X3510-05	GE-59-5	SOIL	Fluoranthene	330	J	370	55	ug/Kg
X3510-05	GE-59-5	SOIL	Pyrene	300	J	370	66	ug/Kg
X3510-05	GE-59-5	SOIL	Benzo(a)anthracene	150	J	370	52	ug/Kg
X3510-05	GE-59-5	SOIL	Chrysene	170	J	370	67	ug/Kg
X3510-05	GE-59-5	SOIL	bis(2-Ethylhexyl)phthalate	83	J	370	71	ug/Kg
X3510-05	GE-59-5	SOIL	Benzo(b)fluoranthene	170	J	370	41	ug/Kg
X3510-05	GE-59-5	SOIL	Benzo(k)fluoranthene	150	J	370	82	ug/Kg
X3510-05	GE-59-5	SOIL	Benzo(a)pyrene	120	J	370	60	ug/Kg
X3510-05	GE-59-5	SOIL	Indeno(1,2,3-cd)pyrene	80	J	370	47	ug/Kg
X3510-05	GE-59-5	SOIL	Benzo(g,h,i)perylene	75	J	370	62	ug/Kg
X3510-05	GE-59-5	SOIL	ACP2.31	* 13000	A	0	0	ug/Kg
			Total SVOC's:	1828.00				
			Total TIC's:	13000.00				
			Total SVOC's and TIC's:	14828.00				
Client ID:	GE-59-6							
X3510-04	GE-59-6	SOIL	Phenanthrene	120	J	390	62	ug/K
X3510-04	GE-59-6	SOIL	Fluoranthene	230	J	390	57	ug/K$_b$
X3510-04	GE-59-6	SOIL	Pyrene	210	J	390	68	ug/Kg
X3510-04	GE-59-6	SOIL	Benzo(a)anthracene	110	J	390	54	ug/Kg
X3510-04	GE-59-6	SOIL	Chrysene	120	J	390	69	ug/Kg
X3510-04	GE-59-6	SOIL	Benzo(b)fluoranthene	120	J	390	43	ug/Kg
X3510-04	GE-59-6	SOIL	Benzo(k)fluoranthene	140	J	390	85	ug/Kg
X3510-04	GE-59-6	SOIL	Benzo(a)pyrene	79	J	390	62	ug/Kg
X3510-04	GE-59-6	SOIL	ACP2.33	* 13000	A	0	0	ug/Kg
			Total SVOC's:	1129.00				
			Total TIC's:	13000.00				
			Total SVOC's and TIC's:	14129.00				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/28/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	6/29/2006
Client Sample ID:	GE-53-11	**SDG No.:**	X3510
Lab Sample ID:	X3510-01	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	12
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5004790.D	1	7/3/2006	7/14/2006	P5070106

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.9	U	19	2.9	ug/Kg
11104-28-2	AROCLOR 1221	4.4	U	19	4.4	ug/Kg
11141-16-5	AROCLOR 1232	6.6	U	19	6.6	ug/Kg
53469-21-9	AROCLOR 1242	5.9	U	19	5.9	ug/Kg
12672-29-6	AROCLOR 1248	2.9	U	19	2.9	ug/Kg
11097-69-1	AROCLOR 1254	1.9	U	19	1.9	ug/Kg
11096-82-5	AROCLOR 1260	4.7	U	19	4.7	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.17	81 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	17.28	86 %	58 - 125		SPK: 20

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/28/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	6/29/2006
Client Sample ID:	GE-53-12	**SDG No.:**	X3510
Lab Sample ID:	X3510-02	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	6
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5004791.D	1	7/3/2006	7/14/2006	P5070106

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.7	U	18	2.7	ug/Kg
11104-28-2	AROCLOR 1221	4.2	U	18	4.2	ug/Kg
11141-16-5	AROCLOR 1232	6.2	U	18	6.2	ug/Kg
53469-21-9	AROCLOR 1242	5.6	U	18	5.6	ug/Kg
12672-29-6	AROCLOR 1248	2.7	U	18	2.7	ug/Kg
11097-69-1	AROCLOR 1254	1.8	U	18	1.8	ug/Kg
11096-82-5	AROCLOR 1260	4.5	U	18	4.5	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.87	84 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	15.87	79 %	58 - 125		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/28/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	6/29/2006
Client Sample ID:	GE-53-13	**SDG No.:**	X3510
Lab Sample ID:	X3510-03	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	9
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5004792.D	1	7/3/2006	7/14/2006	P5070106

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.8	U	18	2.8	ug/Kg
11104-28-2	AROCLOR 1221	4.3	U	18	4.3	ug/Kg
11141-16-5	AROCLOR 1232	6.4	U	18	6.4	ug/Kg
53469-21-9	AROCLOR 1242	5.7	U	18	5.7	ug/Kg
12672-29-6	AROCLOR 1248	2.8	U	18	2.8	ug/Kg
11097-69-1	AROCLOR 1254	1.8	U	18	1.8	ug/Kg
11096-82-5	AROCLOR 1260	990	E	18	4.6	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.2	76 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	17.71	89 %	58 - 125		SPK: 20

U = Not Detected
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MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	6/28/2006
Project:	MTA/LIRR East side access-GEC C	Date Received:	6/29/2006
Client Sample ID:	GE-53-13DL	SDG No.:	X3510
Lab Sample ID:	X3510-03DL	Matrix:	SOIL
Analytical Method:	PCB	% Moisture:	9
Sample Wt/Vol:	15 g	Extract Vol:	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5004837.D	5	7/3/2006	7/15/2006	P5070106

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	14	UD	92	14	ug/Kg
11104-28-2	AROCLOR 1221	21	UD	92	21	ug/Kg
11141-16-5	AROCLOR 1232	32	UD	92	32	ug/Kg
53469-21-9	AROCLOR 1242	28	UD	92	28	ug/Kg
12672-29-6	AROCLOR 1248	14	UD	92	14	ug/Kg
11097-69-1	AROCLOR 1254	9.0	UD	92	9.0	ug/Kg
11096-82-5	AROCLOR 1260	1200	D	92	23	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.65	83 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	21.35	107 %	58 - 125		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/28/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	6/29/2006
Client Sample ID:	GE-54-10	**SDG No.:**	X3510
Lab Sample ID:	X3510-06	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	12
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5004795.D	1	7/3/2006	7/14/2006	P5070106

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.9	U	19	2.9	ug/Kg
11104-28-2	AROCLOR 1221	4.5	U	19	4.5	ug/Kg
11141-16-5	AROCLOR 1232	6.7	U	19	6.7	ug/Kg
53469-21-9	AROCLOR 1242	5.9	U	19	5.9	ug/Kg
12672-29-6	AROCLOR 1248	2.9	U	19	2.9	ug/Kg
11097-69-1	AROCLOR 1254	1.9	U	19	1.9	ug/Kg
11096-82-5	AROCLOR 1260	83		19	4.8	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.81	89 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	16.85	84 %	58 - 125		SPK: 20

U = Not Detected
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E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/28/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	6/29/2006
Client Sample ID:	GE-54-9	**SDG No.:**	X3510
Lab Sample ID:	X3510-07	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	12
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5004796.D	1	7/3/2006	7/14/2006	P5070106

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.9	U	19	2.9	ug/Kg
11104-28-2	AROCLOR 1221	4.5	U	19	4.5	ug/Kg
11141-16-5	AROCLOR 1232	6.7	U	19	6.7	ug/Kg
53469-21-9	AROCLOR 1242	5.9	U	19	5.9	ug/Kg
12672-29-6	AROCLOR 1248	2.9	U	19	2.9	ug/Kg
11097-69-1	AROCLOR 1254	1.9	U	19	1.9	ug/Kg
11096-82-5	AROCLOR 1260	71		19	4.8	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.17	86 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	17.41	87 %	58 - 125		SPK: 20

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E = Value Exceeds Calibration Range
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Hit Summary Report

SDG No.: X3510
Client: PB/STV/PTG Joint Venture
Test: PCB

Order ID: X3510
Project ID: MTA/LIRR East side access-GEC Co

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**GE-53-13**							
X3510-03	GE-53-13	SOIL	AROCLOR 1260	1000	E	18	4.6	ug/Kg
			Total PCB's:	990.00				
Client ID:	**GE-53-13DL**							
X3510-03DL	GE-53-13DL	SOIL	AROCLOR 1260	1200	D	92	23	ug/Kg
			Total PCB's:	1200.00				
Client ID:	**GE-54-10**							
X3510-06	GE-54-10	SOIL	AROCLOR 1260	84		19	4.8	ug/Kg
			Total PCB's:	83.00				
Client ID:	**GE-54-9**							
X3510-07	GE-54-9	SOIL	AROCLOR 1260	92	P	19	4.8	ug/Kg
			Total PCB's:	71.00				
Client ID:	**GE-59-5**							
X3510-05	GE-59-5	SOIL	AROCLOR 1260	64		19	4.7	ug/Kg
			Total PCB's:	64.00				
Client ID:	**GE-59-6**							
X3510-04	GE-59-6	SOIL	AROCLOR 1260	130		20	4.9	ug/Kg
			Total PCB's:	120.00				

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/28/2006
Project:	MTA/LIRR East side a	**Date Received:**	6/29/2006
Client Sample ID:	GE-53-11	**SDG No.:**	X3510
Lab Sample ID:	X3510-01	**Matrix:**	SOIL
		% Solids:	87.60

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	7.750		NE	mg/Kg	0.443	1	7/5/2006	7/10/2006	EPA SW-846 6010
7440-39-3	Barium	30.8		E	mg/Kg	0.081	1	7/5/2006	7/10/2006	EPA SW-846 6010
7440-43-9	Cadmium	0.272	J		mg/Kg	0.037	1	7/5/2006	7/10/2006	EPA SW-846 6010
7440-47-3	Chromium	12.0		E	mg/Kg	0.099	1	7/5/2006	7/10/2006	EPA SW-846 6010
7439-92-1	Lead	32.0		E	mg/Kg	0.326	1	7/5/2006	7/10/2006	EPA SW-846 6010
7439-97-6	Mercury	0.026			mg/Kg	0.007	1	7/3/2006	7/3/2006	EPA SW-846 7471
7782-49-2	Selenium	0.385	U		mg/Kg	0.385	1	7/5/2006	7/10/2006	EPA SW-846 6010
7440-22-4	Silver	0.089	U	N	mg/Kg	0.089	1	7/5/2006	7/10/2006	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

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B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

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Report of Analysis

Client:	**PB/STV/PTG Joint Venture**	**Date Collected:**	**6/28/2006**
Project:	**MTA/LIRR East side a**	**Date Received:**	**6/29/2006**
Client Sample ID:	**GE-53-12**	**SDG No.:**	**X3510**
Lab Sample ID:	**X3510-02**	**Matrix:**	**SOIL**
		% Solids:	**94.10**

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	0.825	J	NE	mg/Kg	0.412	1	7/5/2006	7/10/2006	EPA SW-846 6010
7440-39-3	Barium	27.3		E	mg/Kg	0.076	1	7/5/2006	7/10/2006	EPA SW-846 6010
7440-43-9	Cadmium	0.035	U		mg/Kg	0.035	1	7/5/2006	7/10/2006	EPA SW-846 6010
7440-47-3	Chromium	7.530		E	mg/Kg	0.093	1	7/5/2006	7/10/2006	EPA SW-846 6010
7439-92-1	Lead	4.880		E	mg/Kg	0.303	1	7/5/2006	7/10/2006	EPA SW-846 6010
7439-97-6	Mercury	0.021			mg/Kg	0.006	1	7/3/2006	7/3/2006	EPA SW-846 7471
7782-49-2	Selenium	0.359	U		mg/Kg	0.359	1	7/5/2006	7/10/2006	EPA SW-846 6010
7440-22-4	Silver	0.083	U	N	mg/Kg	0.083	1	7/5/2006	7/10/2006	EPA SW-846 6010

Comments:

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Report of Analysis

Client:	**PB/STV/PTG Joint Venture**	**Date Collected:**	**6/28/2006**
Project:	**MTA/LIRR East side a**	**Date Received:**	**6/29/2006**
Client Sample ID:	**GE-53-13**	**SDG No.:**	**X3510**
Lab Sample ID:	**X3510-03**	**Matrix:**	**SOIL**
		% Solids:	**90.60**

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	13.8		NE	mg/Kg	0.424	1	7/5/2006	7/10/2006	EPA SW-846 6010
7440-39-3	Barium	73.6		E	mg/Kg	0.078	1	7/5/2006	7/10/2006	EPA SW-846 6010
7440-43-9	Cadmium	0.622			mg/Kg	0.036	1	7/5/2006	7/10/2006	EPA SW-846 6010
7440-47-3	Chromium	20.1		E	mg/Kg	0.095	1	7/5/2006	7/10/2006	EPA SW-846 6010
7439-92-1	Lead	187		E	mg/Kg	0.312	1	7/5/2006	7/10/2006	EPA SW-846 6010
7439-97-6	Mercury	0.346			mg/Kg	0.006	1	7/3/2006	7/3/2006	EPA SW-846 7471
7782-49-2	Selenium	0.369	U		mg/Kg	0.369	1	7/5/2006	7/10/2006	EPA SW-846 6010
7440-22-4	Silver	0.085	U	N	mg/Kg	0.085	1	7/5/2006	7/10/2006	EPA SW-846 6010

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/28/2006
Project:	MTA/LIRR East side a	**Date Received:**	6/29/2006
Client Sample ID:	GE-54-10	**SDG No.:**	X3510
Lab Sample ID:	X3510-06	**Matrix:**	SOIL
		% Solids:	87.80

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	2.960		E	mg/Kg	0.446	1	7/5/2006	7/10/2006	EPA SW-846 6010
7440-39-3	Barium	44.7		E	mg/Kg	0.082	1	7/5/2006	7/10/2006	EPA SW-846 6010
7440-43-9	Cadmium	0.351	J		mg/Kg	0.038	1	7/5/2006	7/10/2006	EPA SW-846 6010
7440-47-3	Chromium	11.5		E	mg/Kg	0.100	1	7/5/2006	7/10/2006	EPA SW-846 6010
7439-92-1	Lead	42.8		E	mg/Kg	0.328	1	7/5/2006	7/10/2006	EPA SW-846 6010
7439-97-6	Mercury	0.064			mg/Kg	0.007	1	7/3/2006	7/3/2006	EPA SW-846 7471
7782-49-2	Selenium	0.388	U		mg/Kg	0.388	1	7/5/2006	7/10/2006	EPA SW-846 6010
7440-22-4	Silver	0.090	U	N	mg/Kg	0.090	1	7/5/2006	7/10/2006	EPA SW-846 6010

Comments:

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J = Estimated Value
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Report of Analysis

Client:	**PB/STV/PTG Joint Venture**	**Date Collected:**	**6/28/2006**
Project:	**MTA/LIRR East side a**	**Date Received:**	**6/29/2006**
Client Sample ID:	**GE-54-9**	**SDG No.:**	**X3510**
Lab Sample ID:	**X3510-07**	**Matrix:**	**SOIL**
		% Solids:	**87.90**

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	4.520		E	mg/Kg	0.446	1	7/5/2006	7/10/2006	EPA SW-846 6010
7440-39-3	Barium	74.2		E	mg/Kg	0.082	1	7/5/2006	7/10/2006	EPA SW-846 6010
7440-43-9	Cadmium	0.132	J		mg/Kg	0.038	1	7/5/2006	7/10/2006	EPA SW-846 6010
7440-47-3	Chromium	12.5		E	mg/Kg	0.100	1	7/5/2006	7/10/2006	EPA SW-846 6010
7439-92-1	Lead	78.2		E	mg/Kg	0.328	1	7/5/2006	7/10/2006	EPA SW-846 6010
7439-97-6	Mercury	0.070			mg/Kg	0.007	1	7/3/2006	7/3/2006	EPA SW-846 7471
7782-49-2	Selenium	0.388	U		mg/Kg	0.388	1	7/5/2006	7/10/2006	EPA SW-846 6010
7440-22-4	Silver	0.090	U	N	mg/Kg	0.090	1	7/5/2006	7/10/2006	EPA SW-846 6010

Comments:

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J = Estimated Value
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N = Spiked sample recovery not within control limits

Chemtech Consulting Group

Hit Summary Sheet
SW-846

SDG No.: X3510 Order ID: X3510

Client: PB/STV/PTG Joint Venture Project ID: MTA/LIRR East side access-GEC (

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**GE-53-11**							
X3510-01	GE-53-11	SOIL	Arsenic	7.750		1.130	0.443	mg/Kg
X3510-01	GE-53-11	SOIL	Barium	30.8		22.6	0.081	mg/Kg
X3510-01	GE-53-11	SOIL	Cadmium	0.272	J	0.565	0.037	mg/Kg
X3510-01	GE-53-11	SOIL	Chromium	12.0		1.130	0.099	mg/Kg
X3510-01	GE-53-11	SOIL	Lead	32.0		0.565	0.326	mg/Kg
X3510-01	GE-53-11	SOIL	Mercury	0.026		0.011	0.007	mg/Kg
Client ID:	**GE-53-12**							
X3510-02	GE-53-12	SOIL	Arsenic	0.825	J	1.050	0.412	mg/Kg
X3510-02	GE-53-12	SOIL	Barium	27.3		21.0	0.076	mg/Kg
X3510-02	GE-53-12	SOIL	Chromium	7.530		1.050	0.093	mg/Kg
X3510-02	GE-53-12	SOIL	Lead	4.880		0.526	0.303	mg/Kg
X3510-02	GE-53-12	SOIL	Mercury	0.021		0.011	0.006	mg/Kg
Client ID:	**GE-53-13**							
X3510-03	GE-53-13	SOIL	Arsenic	13.8		1.080	0.424	mg/Kg
X3510-03	GE-53-13	SOIL	Barium	73.6		21.6	0.078	mg/Kg
[illegible]510-03	GE-53-13	SOIL	Cadmium	0.622		0.541	0.036	mg/Kg
510-03	GE-53-13	SOIL	Chromium	20.1		1.080	0.095	mg/Kg
X3510-03	GE-53-13	SOIL	Lead	187		0.541	0.312	mg/Kg
X3510-03	GE-53-13	SOIL	Mercury	0.346		0.011	0.006	mg/Kg
Client ID:	**GE-54-10**							
X3510-06	GE-54-10	SOIL	Arsenic	2.960		1.140	0.446	mg/Kg
X3510-06	GE-54-10	SOIL	Barium	44.7		22.8	0.082	mg/Kg
X3510-06	GE-54-10	SOIL	Cadmium	0.351	J	0.569	0.038	mg/Kg
X3510-06	GE-54-10	SOIL	Chromium	11.5		1.140	0.100	mg/Kg
X3510-06	GE-54-10	SOIL	Lead	42.8		0.569	0.328	mg/Kg
X3510-06	GE-54-10	SOIL	Mercury	0.064		0.011	0.007	mg/Kg
Client ID:	**GE-54-9**							
X3510-07	GE-54-9	SOIL	Arsenic	4.520		1.140	0.446	mg/Kg
X3510-07	GE-54-9	SOIL	Barium	74.2		22.8	0.082	mg/Kg
X3510-07	GE-54-9	SOIL	Cadmium	0.132	J	0.569	0.038	mg/Kg
X3510-07	GE-54-9	SOIL	Chromium	12.5		1.140	0.100	mg/Kg
X3510-07	GE-54-9	SOIL	Lead	78.2		0.569	0.328	mg/Kg
X3510-07	GE-54-9	SOIL	Mercury	0.070		0.011	0.007	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: X3510 Order ID: X3510

Client: PB/STV/PTG Joint Venture Project ID: MTA/LIRR East side access-GEC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	GE-59-5							
X3510-05	GE-59-5	SOIL	Arsenic	7.820		1.140	0.446	mg/Kg
X3510-05	GE-59-5	SOIL	Barium	93.2		22.8	0.082	mg/Kg
X3510-05	GE-59-5	SOIL	Cadmium	0.614		0.569	0.038	mg/Kg
X3510-05	GE-59-5	SOIL	Chromium	15.6		1.140	0.100	mg/Kg
X3510-05	GE-59-5	SOIL	Lead	264		0.569	0.328	mg/Kg
X3510-05	GE-59-5	SOIL	Mercury	0.113		0.011	0.007	mg/Kg
X3510-05	GE-59-5	SOIL	Selenium	0.397	J	1.140	0.388	mg/Kg
Client ID:	GE-59-6							
X3510-04	GE-59-6	SOIL	Arsenic	6.780		1.170	0.460	mg/Kg
X3510-04	GE-59-6	SOIL	Barium	57.9		23.4	0.084	mg/Kg
X3510-04	GE-59-6	SOIL	Cadmium	0.441	J	0.586	0.039	mg/Kg
X3510-04	GE-59-6	SOIL	Chromium	15.8		1.170	0.103	mg/Kg
X3510-04	GE-59-6	SOIL	Lead	129		0.586	0.338	mg/Kg
X3510-04	GE-59-6	SOIL	Mercury	0.236		0.012	0.007	mg/Kg

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

Chemtech Project Number: X3510
COC Number:

CLIENT INFORMATION

Report to be sent to
COMPANY: GEC
ADDRESS: 470 7th Avenue, 9th Floor
CITY: New York STATE: NY ZIP: 10018
ATTENTION: Romana Naroznik
PHONE: 212-643-2412 FAX:

PROJECT INFORMATION

PROJECT NAME: East Side Access
PROJECT #: 07120223 LOCATION:
PROJECT MANAGER:
E-MAIL:
PHONE: FAX:

BILLING INFORMATION

BILL TO: GEC PO#
ADDRESS: Same as street info
CITY: STATE: ZIP:
ATTENTION:
PHONE:

DATA TURNAROUND INFORMATION

FAX:_____ DAYS*
HARD COPY:_____ DAYS*
EDD_____ DAYS*
* TO BE APPROVED BY CHEMTECH
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESEULTS ONLY
- ☐ RESULTS + QC
- ☐ New Jersey REDUCED
- ✈ New Jersey CLP
- ☐ USEPA CLP
- ☑ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other_____
- ☐ EDD FORMAT_____

ANALYSIS

1 SVOCs, 2 PCBs, 3 RCRA Metals, 4 VOCs, 5, 6, 7, 8, 9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	GE-53-11	Soil			5/28/06	1130	2	X	X	X	X						
2.	GE-53-12					1145	2	X	X	X	X						
3.	GE-53-13					1200	2	X	X	X	X						
4.	GE-59-6					1215	2	X	X	X	X						
5.	GE-59-5					1300	3	X	X	X	X						
6.	GE-54-10					1330	2	X	X	X	X						
7.	GE-54-9					1345	2	X	X	X	X						
8.																	
9.																	
10.																	

<-- Specify Preservatives
A-HCl B-HNO4 C-H2SO13 D-NaOH E-ICE F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1.	6/28/06	1.
RELINQUISHED BY	DATE/TIME	RECEIVED BY
2.		2.
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY
3.	6/29/06 9:30	3.

Conditions of bottles or coilers at receipt: ✈ COMPLIANT ✈ NON COMPLIANT ✈ COOLER TEMP 4°C
MeOH extraction requires an additional 4oz. Jar for percent solid
Comments:
GW 1 CC

Page 1 of 1

CLIENT: ✈ Hand Delivered ✈ Overnight
CHEMTECH: ✈ Picked Up ✈

Shipment Complete ☑ YES ✈ NO

#

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

10/ 264

CHEMTECH 284 Sheffield Street • Mountainside, NJ 07092 Phone: 908.789.8900 Fax: 908.789.8922

CV-1

ANALYTICAL RESULTS SUMMARY

PROJECT NAME: MTA/LIRR East side access-GEC Contract

PB/STV/PTG JOINT VENTURE
469 7TH AVENUE, 14TH FLOOR
NEW YORK, NY 10018
2129041702

CHEMTECH PROJECT NO.	**T4301**
ATTENTION:	**Romana Narozik**

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	8/17/05
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	8/19/05
Client Sample ID:	CV-1(5)	**SDG No.:**	T4301
Lab Sample ID:	T4301-01	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	7
Sample Wt/Vol:	5.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK081957.D	1	8/20/05	VK080105

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.92	U	5.4	0.92	ug/Kg
74-87-3	Chloromethane	0.91	U	5.4	0.91	ug/Kg
75-01-4	Vinyl chloride	0.88	U	5.4	0.88	ug/Kg
74-83-9	Bromomethane	2.2	U	5.4	2.2	ug/Kg
75-00-3	Chloroethane	2.3	U	5.4	2.3	ug/Kg
75-69-4	Trichlorofluoromethane	1.3	U	5.4	1.3	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.71	U	5.4	0.71	ug/Kg
75-35-4	1,1-Dichloroethene	0.61	U	5.4	0.61	ug/Kg
67-64-1	Acetone	3.6	U	27	3.6	ug/Kg
75-15-0	Carbon disulfide	0.39	U	5.4	0.39	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.39	U	5.4	0.39	ug/Kg
79-20-9	Methyl Acetate	0.93	U	5.4	0.93	ug/Kg
75-09-2	Methylene Chloride	5.7	JB	5.4	2.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.68	U	5.4	0.68	ug/Kg
75-34-3	1,1-Dichloroethane	0.29	U	5.4	0.29	ug/Kg
110-82-7	Cyclohexane	0.35	U	5.4	0.35	ug/Kg
78-93-3	2-Butanone	3.0	U	27	3.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.47	U	5.4	0.47	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.35	U	5.4	0.35	ug/Kg
67-66-3	Chloroform	0.37	U	5.4	0.37	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.45	U	5.4	0.45	ug/Kg
108-87-2	Methylcyclohexane	0.45	U	5.4	0.45	ug/Kg
71-43-2	Benzene	0.43	U	5.4	0.43	ug/Kg
107-06-2	1,2-Dichloroethane	0.33	U	5.4	0.33	ug/Kg
79-01-6	Trichloroethene	0.33	U	5.4	0.33	ug/Kg
78-87-5	1,2-Dichloropropane	0.43	U	5.4	0.43	ug/Kg
75-27-4	Bromodichloromethane	0.36	U	5.4	0.36	ug/Kg
108-10-1	4-Methyl-2-Pentanone	2.1	U	27	2.1	ug/Kg
108-88-3	Toluene	0.43	U	5.4	0.43	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.39	U	5.4	0.39	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.35	U	5.4	0.35	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.31	U	5.4	0.31	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	Date Collected:	8/17/2005
Project:	MTA/LIRR East side access-GEC C	Date Received:	8/19/2005
Client Sample ID:	CV-1(5)	SDG No.:	T4301
Lab Sample ID:	T4301-01	Matrix:	SOIL
Analytical Method:	8260	% Moisture:	7
Sample Wt/Vol:	5.0 Units: g	Soil Extract Vol:	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK081957.D	1	8/20/2005	VK080105

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	3.9	U	27	3.9	ug/Kg
124-48-1	Dibromochloromethane	0.25	U	5.4	0.25	ug/Kg
106-93-4	1,2-Dibromoethane	0.43	U	5.4	0.43	ug/Kg
127-18-4	Tetrachloroethene	0.78	U	5.4	0.78	ug/Kg
108-90-7	Chlorobenzene	0.39	U	5.4	0.39	ug/Kg
100-41-4	Ethyl Benzene	0.38	U	5.4	0.38	ug/Kg
126777-61-2	m/p-Xylenes	0.93	U	5.4	0.93	ug/Kg
95-47-6	o-Xylene	0.41	U	5.4	0.41	ug/Kg
100-42-5	Styrene	0.49	U	5.4	0.49	ug/Kg
75-25-2	Bromoform	0.33	U	5.4	0.33	ug/Kg
98-82-8	Isopropylbenzene	0.45	U	5.4	0.45	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.33	U	5.4	0.33	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.60	U	5.4	0.60	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.58	U	5.4	0.58	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.41	U	5.4	0.41	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	5.4	1.0	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.73	U	5.4	0.73	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.92	96 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	49.55	99 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	44.22	88 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	41.84	84 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	350018	4.16			
540-36-3	1,4-Difluorobenzene	329476	4.61			
3114-55-4	Chlorobenzene-d5	311169	7.50			
3855-82-1	1,4-Dichlorobenzene-d4	285733	9.55			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	8/17/05
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	8/19/05
Client Sample ID:	CV-1(15)	**SDG No.:**	T4301
Lab Sample ID:	T4301-03	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	9
Sample Wt/Vol:	5.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK081958.D	1	8/20/05	VK080105

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.94	U	5.5	0.94	ug/Kg
74-87-3	Chloromethane	0.94	U	5.5	0.94	ug/Kg
75-01-4	Vinyl chloride	0.90	U	5.5	0.90	ug/Kg
74-83-9	Bromomethane	2.2	U	5.5	2.2	ug/Kg
75-00-3	Chloroethane	2.3	U	5.5	2.3	ug/Kg
75-69-4	Trichlorofluoromethane	1.4	U	5.5	1.4	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.73	U	5.5	0.73	ug/Kg
75-35-4	1,1-Dichloroethene	0.63	U	5.5	0.63	ug/Kg
67-64-1	Acetone	6.3	J	27	3.7	ug/Kg
75-15-0	Carbon disulfide	0.40	U	5.5	0.40	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.40	U	5.5	0.40	ug/Kg
79-20-9	Methyl Acetate	0.95	U	5.5	0.95	ug/Kg
75-09-2	Methylene Chloride	7.2	JB	5.5	2.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.70	U	5.5	0.70	ug/Kg
75-34-3	1,1-Dichloroethane	0.30	U	5.5	0.30	ug/Kg
110-82-7	Cyclohexane	0.36	U	5.5	0.36	ug/Kg
78-93-3	2-Butanone	3.1	U	27	3.1	ug/Kg
56-23-5	Carbon Tetrachloride	0.49	U	5.5	0.49	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.36	U	5.5	0.36	ug/Kg
67-66-3	Chloroform	0.38	U	5.5	0.38	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.46	U	5.5	0.46	ug/Kg
108-87-2	Methylcyclohexane	0.46	U	5.5	0.46	ug/Kg
71-43-2	Benzene	0.44	U	5.5	0.44	ug/Kg
107-06-2	1,2-Dichloroethane	0.34	U	5.5	0.34	ug/Kg
79-01-6	Trichloroethene	0.34	U	5.5	0.34	ug/Kg
78-87-5	1,2-Dichloropropane	0.44	U	5.5	0.44	ug/Kg
75-27-4	Bromodichloromethane	0.37	U	5.5	0.37	ug/Kg
108-10-1	4-Methyl-2-Pentanone	2.2	U	27	2.2	ug/Kg
108-88-3	Toluene	0.45	U	5.5	0.45	ug/Kg
10061-02-6	t-1,3-Dichloropropene	0.40	U	5.5	0.40	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.5	0.36	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.32	U	5.5	0.32	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	8/17/2005
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	8/19/2005
Client Sample ID:	CV-1(15)	**SDG No.:**	T4301
Lab Sample ID:	T4301-03	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	9
Sample Wt/Wol:	5.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK081958.D	1	8/20/2005	VK080105

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	4.0	U	27	4.0	ug/Kg
124-48-1	Dibromochloromethane	0.25	U	5.5	0.25	ug/Kg
106-93-4	1,2-Dibromoethane	0.44	U	5.5	0.44	ug/Kg
127-18-4	Tetrachloroethene	0.80	U	5.5	0.80	ug/Kg
108-90-7	Chlorobenzene	0.40	U	5.5	0.40	ug/Kg
100-41-4	Ethyl Benzene	0.39	U	5.5	0.39	ug/Kg
126777-61-2	m/p-Xylenes	0.95	U	5.5	0.95	ug/Kg
95-47-6	o-Xylene	0.42	U	5.5	0.42	ug/Kg
100-42-5	Styrene	0.51	U	5.5	0.51	ug/Kg
75-25-2	Bromoform	0.34	U	5.5	0.34	ug/Kg
98-82-8	Isopropylbenzene	0.46	U	5.5	0.46	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.34	U	5.5	0.34	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.61	U	5.5	0.61	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.60	U	5.5	0.60	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.42	U	5.5	0.42	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	5.5	1.0	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.75	U	5.5	0.75	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	42.85	86 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	47.26	95 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	43.88	88 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	39.51	79 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	271653	4.17			
540-36-3	1,4-Difluorobenzene	257850	4.61			
3114-55-4	Chlorobenzene-d5	241272	7.50			
3855-82-1	1,4-Dichlorobenzene-d4	208902	9.55			

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B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	8/17/2005
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	8/19/2005
Client Sample ID:	TRIPBLANK	**SDG No.:**	T4301
Lab Sample ID:	T4301-05	**Matrix:**	WATER
Analytical Method:	8260	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VI081912.D	1	8/19/2005	VI080605

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	8/17/2005
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	8/19/2005
Client Sample ID:	TRIPBLANK	**SDG No.:**	T4301
Lab Sample ID:	T4301-05	**Matrix:**	WATER
Analytical Method:	8260	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VI081912.D	1	8/19/2005	VI080605

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	5.0	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	44.02	88 %	72 - 119		SPK: 50
1868-53-7	Dibromofluoromethane	56.11	112 %	85 - 115		SPK: 50
2037-26-5	Toluene-d8	51.2	102 %	81 - 120		SPK: 50
460-00-4	4-Bromofluorobenzene	50.96	102 %	76 - 119		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	656834	3.84			
540-36-3	1,4-Difluorobenzene	1130086	4.30			
3114-55-4	Chlorobenzene-d5	959800	7.35			
3855-82-1	1,4-Dichlorobenzene-d4	471857	9.65			

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E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	8/17/2005
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	8/19/2005
Client Sample ID:	CV-1(5-7)	**SDG No.:**	T4301
Lab Sample ID:	T4301-02	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	4
Sample Wt/Wol:	15.0 g	**Extract Vol:**	500 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE024664.D	1	8/22/2005	8/23/2005	BE081905

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	71	U	340	71	ug/Kg
108-95-2	Phenol	52	U	340	52	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	54	U	340	54	ug/Kg
95-57-8	2-Chlorophenol	55	U	340	55	ug/Kg
95-48-7	2-Methylphenol	57	U	340	57	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	55	U	340	55	ug/Kg
98-86-2	Acetophenone	50	U	340	50	ug/Kg
106-44-5	3+4-Methylphenols	54	U	340	54	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	57	U	340	57	ug/Kg
67-72-1	Hexachloroethane	58	U	340	58	ug/Kg
98-95-3	Nitrobenzene	75	U	340	75	ug/Kg
78-59-1	Isophorone	52	U	340	52	ug/Kg
88-75-5	2-Nitrophenol	53	U	340	53	ug/Kg
105-67-9	2,4-Dimethylphenol	55	U	340	55	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	57	U	340	57	ug/Kg
120-83-2	2,4-Dichlorophenol	64	U	340	64	ug/Kg
91-20-3	Naphthalene	59	U	340	59	ug/Kg
106-47-8	4-Chloroaniline	41	U	340	41	ug/Kg
87-68-3	Hexachlorobutadiene	53	U	340	53	ug/Kg
105-60-2	Caprolactam	55	U	340	55	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	340	48	ug/Kg
91-57-6	2-Methylnaphthalene	58	U	340	58	ug/Kg
77-47-4	Hexachlorocyclopentadiene	55	U	340	55	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	340	51	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53	U	860	53	ug/Kg
92-52-4	1,1-Biphenyl	57	U	340	57	ug/Kg
91-58-7	2-Chloronaphthalene	57	U	340	57	ug/Kg
88-74-4	2-Nitroaniline	44	U	860	44	ug/Kg
131-11-3	Dimethylphthalate	55	U	340	55	ug/Kg
208-96-8	Acenaphthylene	56	U	340	56	ug/Kg
606-20-2	2,6-Dinitrotoluene	49	U	340	49	ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	8/17/2005
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	8/19/2005
Client Sample ID:	CV-1(5-7)	**SDG No.:**	T4301
Lab Sample ID:	T4301-02	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	4
Sample Wt/Wol:	15.0 g	**Extract Vol:**	500 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE024664.D	1	8/22/2005	8/23/2005	BE081905

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	45	U	860	45	ug/Kg
83-32-9	Acenaphthene	61	U	340	61	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	860	290	ug/Kg
100-02-7	4-Nitrophenol	43	U	860	43	ug/Kg
132-64-9	Dibenzofuran	57	U	340	57	ug/Kg
121-14-2	2,4-Dinitrotoluene	51	U	340	51	ug/Kg
84-66-2	Diethylphthalate	59	U	340	59	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54	U	340	54	ug/Kg
86-73-7	Fluorene	58	U	340	58	ug/Kg
100-01-6	4-Nitroaniline	59	U	860	59	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	67	U	860	67	ug/Kg
86-30-6	N-Nitrosodiphenylamine	57	U	340	57	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51	U	340	51	ug/Kg
118-74-1	Hexachlorobenzene	55	U	340	55	ug/Kg
1912-24-9	Atrazine	53	U	340	53	ug/Kg
87-86-5	Pentachlorophenol	80	U	860	80	ug/Kg
85-01-8	Phenanthrene	55	U	340	55	ug/Kg
120-12-7	Anthracene	52	U	340	52	ug/Kg
86-74-8	Carbazole	53	U	340	53	ug/Kg
84-74-2	Di-n-butylphthalate	52	U	340	52	ug/Kg
206-44-0	Fluoranthene	51	U	340	51	ug/Kg
129-00-0	Pyrene	61	U	340	61	ug/Kg
85-68-7	Butylbenzylphthalate	56	U	340	56	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	340	59	ug/Kg
56-55-3	Benzo(a)anthracene	48	U	340	48	ug/Kg
218-01-9	Chrysene	62	U	340	62	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	66	U	340	66	ug/Kg
117-84-0	Di-n-octyl phthalate	59	U	340	59	ug/Kg
205-99-2	Benzo(b)fluoranthene	38	U	340	38	ug/Kg
207-08-9	Benzo(k)fluoranthene	76	U	340	76	ug/Kg
50-32-8	Benzo(a)pyrene	55	U	340	55	ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	8/17/2005
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	8/19/2005
Client Sample ID:	CV-1(5-7)	**SDG No.:**	T4301
Lab Sample ID:	T4301-02	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	4
Sample Wt/Wol:	15.0 g	**Extract Vol:**	500 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE024664.D	1	8/22/2005	8/23/2005	BE081905

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	340	44	ug/Kg
53-70-3	Dibenz(a,h)anthracene	43	U	340	43	ug/Kg
191-24-2	Benzo(g,h,i)perylene	57	U	340	57	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	190.11	63 %	25 - 121		SPK: 30
13127-88-3	Phenol-d5	202.33	67 %	24 - 113		SPK: 30
4165-60-0	Nitrobenzene-d5	133.2	67 %	23 - 120		SPK: 20
321-60-8	2-Fluorobiphenyl	130.94	65 %	30 - 116		SPK: 20
118-79-6	2,4,6-Tribromophenol	192.29	64 %	19 - 122		SPK: 30
1718-51-0	Terphenyl-d14	117.53	59 %	18 - 137		SPK: 20
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	138200	4.00			
1146-65-2	Naphthalene-d8	458155	4.78			
15067-26-2	Acenaphthene-d10	241602	5.88			
1517-22-2	Phenanthrene-d10	386347	6.82			
1719-03-5	Chrysene-d12	373090	8.79			
1520-96-3	Perylene-d12	381876	10.85			
TENTITIVE IDENTIFIED COMPOUNDS						
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	440	J	3.03		ug/Kg
17059-52-8	Benzofuran, 7-methyl-	95	J	4.41		ug/Kg
7206-21-5	5-Octadecene, (E)-	330	J	8.54		ug/Kg
301-02-0	9-Octadecenamide, (Z)-	99	J	9.71		ug/Kg
7683-64-9	Squalene	210	J	9.85		ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	8/17/2005
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	8/19/2005
Client Sample ID:	CV-1(15-17)	**SDG No.:**	T4301
Lab Sample ID:	T4301-04	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	12
Sample Wt/Vol:	15.0 g	**Extract Vol:**	500 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE024663.D	1	8/22/2005	8/23/2005	BE081905

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	77	U	370	77	ug/Kg
108-95-2	Phenol	57	U	370	57	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	59	U	370	59	ug/Kg
95-57-8	2-Chlorophenol	60	U	370	60	ug/Kg
95-48-7	2-Methylphenol	62	U	370	62	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	370	60	ug/Kg
98-86-2	Acetophenone	55	U	370	55	ug/Kg
106-44-5	3+4-Methylphenols	59	U	370	59	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	62	U	370	62	ug/Kg
67-72-1	Hexachloroethane	64	U	370	64	ug/Kg
98-95-3	Nitrobenzene	82	U	370	82	ug/Kg
78-59-1	Isophorone	56	U	370	56	ug/Kg
88-75-5	2-Nitrophenol	58	U	370	58	ug/Kg
105-67-9	2,4-Dimethylphenol	60	U	370	60	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	62	U	370	62	ug/Kg
120-83-2	2,4-Dichlorophenol	69	U	370	69	ug/Kg
91-20-3	Naphthalene	64	U	370	64	ug/Kg
106-47-8	4-Chloroaniline	45	U	370	45	ug/Kg
87-68-3	Hexachlorobutadiene	58	U	370	58	ug/Kg
105-60-2	Caprolactam	60	U	370	60	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	370	52	ug/Kg
91-57-6	2-Methylnaphthalene	63	U	370	63	ug/Kg
77-47-4	Hexachlorocyclopentadiene	60	U	370	60	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	370	55	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57	U	940	57	ug/Kg
92-52-4	1,1-Biphenyl	62	U	370	62	ug/Kg
91-58-7	2-Chloronaphthalene	62	U	370	62	ug/Kg
88-74-4	2-Nitroaniline	48	U	940	48	ug/Kg
131-11-3	Dimethylphthalate	60	U	370	60	ug/Kg
208-96-8	Acenaphthylene	61	U	370	61	ug/Kg
606-20-2	2,6-Dinitrotoluene	53	U	370	53	ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	8/17/2005
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	8/19/2005
Client Sample ID:	CV-1(15-17)	**SDG No.:**	T4301
Lab Sample ID:	T4301-04	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	12
Sample Wt/Wol:	15.0 g	**Extract Vol:**	500 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE024663.D	1	8/22/2005	8/23/2005	BE081905

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	49	U	940	49	ug/Kg
83-32-9	Acenaphthene	67	U	370	67	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	940	320	ug/Kg
100-02-7	4-Nitrophenol	46	U	940	46	ug/Kg
132-64-9	Dibenzofuran	62	U	370	62	ug/Kg
121-14-2	2,4-Dinitrotoluene	55	U	370	55	ug/Kg
84-66-2	Diethylphthalate	65	U	370	65	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	370	59	ug/Kg
86-73-7	Fluorene	63	U	370	63	ug/Kg
100-01-6	4-Nitroaniline	64	U	940	64	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	73	U	940	73	ug/Kg
86-30-6	N-Nitrosodiphenylamine	62	U	370	62	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56	U	370	56	ug/Kg
118-74-1	Hexachlorobenzene	60	U	370	60	ug/Kg
1912-24-9	Atrazine	57	U	370	57	ug/Kg
87-86-5	Pentachlorophenol	87	U	940	87	ug/Kg
85-01-8	Phenanthrene	60	U	370	60	ug/Kg
120-12-7	Anthracene	57	U	370	57	ug/Kg
86-74-8	Carbazole	57	U	370	57	ug/Kg
84-74-2	Di-n-butylphthalate	57	U	370	57	ug/Kg
206-44-0	Fluoranthene	56	U	370	56	ug/Kg
129-00-0	Pyrene	66	U	370	66	ug/Kg
85-68-7	Butylbenzylphthalate	61	U	370	61	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	370	64	ug/Kg
56-55-3	Benzo(a)anthracene	53	U	370	53	ug/Kg
218-01-9	Chrysene	67	U	370	67	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	72	U	370	72	ug/Kg
117-84-0	Di-n-octyl phthalate	64	U	370	64	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	370	41	ug/Kg
207-08-9	Benzo(k)fluoranthene	83	U	370	83	ug/Kg
50-32-8	Benzo(a)pyrene	60	U	370	60	ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	8/17/2005
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	8/19/2005
Client Sample ID:	CV-1(15-17)	**SDG No.:**	T4301
Lab Sample ID:	T4301-04	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	12
Sample Wt/Vol:	15.0 g	**Extract Vol:**	500 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BE024663.D	1	8/22/2005	8/23/2005	BE081905

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	48	U	370	48	ug/Kg
53-70-3	Dibenz(a,h)anthracene	47	U	370	47	ug/Kg
191-24-2	Benzo(g,h,i)perylene	62	U	370	62	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	190.58	64 %	25 - 121		SPK: 30
13127-88-3	Phenol-d5	200.28	67 %	24 - 113		SPK: 30
4165-60-0	Nitrobenzene-d5	132.71	66 %	23 - 120		SPK: 20
321-60-8	2-Fluorobiphenyl	125.68	63 %	30 - 116		SPK: 20
118-79-6	2,4,6-Tribromophenol	194.79	65 %	19 - 122		SPK: 30
1718-51-0	Terphenyl-d14	116.03	58 %	18 - 137		SPK: 20
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	167727	4.00			
1146-65-2	Naphthalene-d8	547469	4.78			
15067-26-2	Acenaphthene-d10	282783	5.88			
1517-22-2	Phenanthrene-d10	456662	6.82			
1719-03-5	Chrysene-d12	441819	8.79			
1520-96-3	Perylene-d12	444299	10.85			
TENTITIVE IDENTIFIED COMPOUNDS						
123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	500	J	3.03		ug/Kg
88104-31-8	2- Chloropropionic acid, octadecyl	180	J	8.54		ug/Kg
7683-64-9	Squalene	150	J	9.85		ug/Kg
6311-48-4	Dibenzylidene 4,4-biphenylenedia	290	J	14.27		ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	8/17/2005
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	8/19/2005
Client Sample ID:	CV-1(5-7)	**SDG No.:**	T4301
Lab Sample ID:	T4301-02	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	4
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
4PC5470.D	1	8/22/2005	8/24/2005	4PC073005

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.6	U	17	2.6	ug/Kg
11104-28-2	AROCLOR 1221	4.0	U	17	4.0	ug/Kg
11141-16-5	AROCLOR 1232	6.1	U	17	6.1	ug/Kg
53469-21-9	AROCLOR 1242	5.4	U	17	5.4	ug/Kg
12672-29-6	AROCLOR 1248	2.6	U	17	2.6	ug/Kg
11097-69-1	AROCLOR 1254	1.7	U	17	1.7	ug/Kg
11096-82-5	AROCLOR 1260	4.3	U	17	4.3	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	24.86	124 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	18.76	94 %	58 - 125		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	8/17/2005
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	8/19/2005
Client Sample ID:	CV-1(15-17)	**SDG No.:**	T4301
Lab Sample ID:	T4301-04	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	12
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
4PC5471.D	1	8/22/2005	8/24/2005	4PC073005

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.9	U	19	2.9	ug/Kg
11104-28-2	AROCLOR 1221	4.5	U	19	4.5	ug/Kg
11141-16-5	AROCLOR 1232	6.7	U	19	6.7	ug/Kg
53469-21-9	AROCLOR 1242	5.9	U	19	5.9	ug/Kg
12672-29-6	AROCLOR 1248	2.9	U	19	2.9	ug/Kg
11097-69-1	AROCLOR 1254	1.9	U	19	1.9	ug/Kg
11096-82-5	AROCLOR 1260	4.8	U	19	4.8	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.26	106 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	20.22	101 %	58 - 125		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	8/17/2005
Project:	MTA/LIRR East side a	**Date Received:**	8/19/2005
Client Sample ID:	CV-1(5-7)	**SDG No.:**	T4301
Lab Sample ID:	T4301-02	**Matrix:**	TCLP
		% Solids:	0.00

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	33.2	U	N	ug/L	33.2	1	8/22/2005	8/23/2005	EPA SW-846 6010
7440-39-3	Barium	270	J	N	ug/L	7.2	1	8/22/2005	8/23/2005	EPA SW-846 6010
7440-43-9	Cadmium	3.3	U	N	ug/L	3.3	1	8/22/2005	8/23/2005	EPA SW-846 6010
7440-47-3	Chromium	10.5	J	N	ug/L	3.4	1	8/22/2005	8/23/2005	EPA SW-846 6010
7439-92-1	Lead	28.2	U	N	ug/L	28.2	1	8/22/2005	8/23/2005	EPA SW-846 6010
7439-97-6	Mercury	0.330	U		ug/L	0.330	1	8/23/2005	8/23/2005	EPA SW-846 7471
7782-49-2	Selenium	30.4	U		ug/L	30.4	1	8/22/2005	8/23/2005	EPA SW-846 6010
7440-22-4	Silver	16.4	U	N	ug/L	16.4	1	8/22/2005	8/23/2005	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	8/17/2005
Project:	MTA/LIRR East side a	**Date Received:**	8/19/2005
Client Sample ID:	CV-1(15-17)	**SDG No.:**	T4301
Lab Sample ID:	T4301-04	**Matrix:**	TCLP
		% Solids:	0.00

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	33.2	U	N	ug/L	33.2	1	8/22/2005	8/23/2005	EPA SW-846 6010
7440-39-3	Barium	322	J	N	ug/L	7.2	1	8/22/2005	8/23/2005	EPA SW-846 6010
7440-43-9	Cadmium	3.3	U	N	ug/L	3.3	1	8/22/2005	8/23/2005	EPA SW-846 6010
7440-47-3	Chromium	14.6	J	N	ug/L	3.4	1	8/22/2005	8/23/2005	EPA SW-846 6010
7439-92-1	Lead	28.2	U	N	ug/L	28.2	1	8/22/2005	8/23/2005	EPA SW-846 6010
7439-97-6	Mercury	0.330	U		ug/L	0.330	1	8/23/2005	8/23/2005	EPA SW-846 7471
7782-49-2	Selenium	30.4	U		ug/L	30.4	1	8/22/2005	8/23/2005	EPA SW-846 6010
7440-22-4	Silver	16.4	U	N	ug/L	16.4	1	8/22/2005	8/23/2005	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

Summary Sheet
SW-846

S[illegible] No.: T4301 Order ID: T4301

Client: PB/STV/PTG Joint Venture Project ID: PBST01

ample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
lient ID:	CV-1(15)							
4301-03	CV-1(15)	SOIL	Acetone	6.3	J	27	3.7	ug/Kg
4301-03	CV-1(15)	SOIL	Methylene Chloride	7.2	JB	5.5	2.0	ug/Kg
			Total VOC's:	13.50				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	13.50				
lient ID:	CV-1(5)							
4301-01	CV-1(5)	SOIL	Methylene Chloride	5.7	JB	5.4	2.0	ug/Kg
			Total VOC's:	5.70				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	5.70				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

Chemtech Consulting Group

Hit Summary Sheet
SW-846

SDG No.:	**T4301**	Order ID:	T4301
Client:	**PB/STV/PTG Joint Venture**	Project ID:	**MTA/LIRR East side access-GEC**

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**CV-1(15-17)**							
T4301-04	CV-1(15-17)	TCLP	Barium	322	J	2000	7.2	ug/L
T4301-04	CV-1(15-17)	TCLP	Chromium	14.6	J	100	3.4	ug/L
Client ID:	**CV-1(5-7)**							
T4301-02	CV-1(5-7)	TCLP	Barium	270	J	2000	7.2	ug/L
T4301-02	CV-1(5-7)	TCLP	Chromium	10.5	J	100	3.4	ug/L

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO. T4301

COC Number 054087

CLIENT INFORMATION (REPORT TO BE SENT TO:)

COMPANY: STV (GEC)
ADDRESS: 469 7th Ave 14th Floor
CITY: New York STATE: NY ZIP: 10018
ATTENTION: Romana Naworzniak
PHONE: (212) 643-2412 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: East Side Access
PROJECT NO.: 07-12023 LOCATION: Queens NY
PROJECT MANAGER: Mike Tumulty
e-mail:
PHONE: (212) 614-3369 FAX:

CLIENT BILLING INFORMATION

BILL TO: STV (GEC) PO#:
ADDRESS: 469 7th Ave 14th Floor
CITY: New York STATE: NY ZIP: 10018
ATTENTION: Romana Naworzniak PHONE: (212) 643-2412

DATA TURNAROUND INFORMATION

FAX: Standard DAYS *
HARD COPY: 11 DAYS *
EDD: 11 DAYS *
* TO BE APPROVED BY CHEMTECH
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other
☐ EDD FORMAT

ANALYSIS

1 TCL VOCs
2 TCL SVOCs, PCBs,
3 RCRA TCLP Metals
4 TCL VOCs
5 TCL SVOCs, PCBs
6 TCLP RCRA Metals
7
8
9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1. 1	CV-1 (5')	Soil		X	8/17/05	1120		X									
2. 2	CV-1 (5-7')		X			1120			X	X							
3. 3	CV-1 (15')			X		1255					X						
4. 4	CV-1 (15-17')		X			1255						X	X				
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

Preservatives: None | Above | Above | None | Above | None

← Specify Preservatives
A – HCl B – HNO_3
C – H_2SO_4 D – NaOH
E – ICE F – Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
Romana Naworzniak	8/17/05	1.
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:
259		2.
RELINQUISHED BY:	DATE/TIME: 9:50	RECEIVED FOR LAB BY:
Fed-Ex	8-19-05	3. J. De Leon

Conditions of bottles or coolers at receipt: ☒ Compliant ☐ Non Compliant Cooler Temp. 5°C
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments:
Ice in Cooler?: YES

Page 1 of 1

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☒ OVERNIGHT
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☒ YES ☐ NO

CV-2(15-17)

CHEMTECH 284 Sheffield Street • Mountainside, NJ 07092 Phone: 908.789.8900 Fax: 908.789.8922

ANALYTICAL RESULTS SUMMARY

PROJECT NAME: MTA/LIRR East side access-GEC Contract

PB/STV/PTG JOINT VENTURE
469 7TH AVENUE, 14TH FLOOR
NEW YORK, NY 10018
2129041702

CHEMTECH PROJECT NO. **X3460**
ATTENTION: **Romana Narozik**

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/22/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	6/26/2006
Client Sample ID:	CV-2(15)	**SDG No.:**	X3460
Lab Sample ID:	X3460-01	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	5
Sample Wt/Vol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK007515.D	1	6/29/2006	VK061206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.5	U	26	4.5	ug/Kg
74-87-3	Chloromethane	4.5	U	26	4.5	ug/Kg
75-01-4	Vinyl chloride	4.3	U	26	4.3	ug/Kg
74-83-9	Bromomethane	11	U	26	11	ug/Kg
75-00-3	Chloroethane	11	U	26	11	ug/Kg
75-69-4	Trichlorofluoromethane	6.6	U	26	6.6	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.5	U	26	3.5	ug/Kg
75-35-4	1,1-Dichloroethene	3.0	U	26	3.0	ug/Kg
67-64-1	Acetone	18	U	130	18	ug/Kg
75-15-0	Carbon disulfide	1.9	U	26	1.9	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.9	U	26	1.9	ug/Kg
79-20-9	Methyl Acetate	4.6	U	26	4.6	ug/Kg
75-09-2	Methylene Chloride	27	B	26	9.6	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.4	U	26	3.4	ug/Kg
75-34-3	1,1-Dichloroethane	1.4	U	26	1.4	ug/Kg
110-82-7	Cyclohexane	1.7	U	26	1.7	ug/Kg
78-93-3	2-Butanone	15	U	130	15	ug/Kg
56-23-5	Carbon Tetrachloride	2.3	U	26	2.3	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.7	U	26	1.7	ug/Kg
67-66-3	Chloroform	1.8	U	26	1.8	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.2	U	26	2.2	ug/Kg
108-87-2	Methylcyclohexane	2.2	U	26	2.2	ug/Kg
71-43-2	Benzene	2.1	U	26	2.1	ug/Kg
107-06-2	1,2-Dichloroethane	1.6	U	26	1.6	ug/Kg
79-01-6	Trichloroethene	1.6	U	26	1.6	ug/Kg
78-87-5	1,2-Dichloropropane	2.1	U	26	2.1	ug/Kg
75-27-4	Bromodichloromethane	1.8	U	26	1.8	ug/Kg
108-10-1	4-Methyl-2-Pentanone	10	U	130	10	ug/Kg
108-88-3	Toluene	2.1	U	26	2.1	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1.9	U	26	1.9	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.7	U	26	1.7	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.5	U	26	1.5	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/22/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	6/26/2006
Client Sample ID:	CV-2(15)	**SDG No.:**	X3460
Lab Sample ID:	X3460-01	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	5
Sample Wt/Wol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK007515.D	1	6/29/2006	VK061206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	19	U	130	19	ug/Kg
124-48-1	Dibromochloromethane	1.2	U	26	1.2	ug/Kg
106-93-4	1,2-Dibromoethane	2.1	U	26	2.1	ug/Kg
127-18-4	Tetrachloroethene	3.8	U	26	3.8	ug/Kg
108-90-7	Chlorobenzene	1.9	U	26	1.9	ug/Kg
100-41-4	Ethyl Benzene	1.9	U	26	1.9	ug/Kg
126777-61-2	m/p-Xylenes	4.6	U	53	4.6	ug/Kg
95-47-6	o-Xylene	2.0	U	26	2.0	ug/Kg
100-42-5	Styrene	2.4	U	26	2.4	ug/Kg
75-25-2	Bromoform	1.6	U	26	1.6	ug/Kg
98-82-8	Isopropylbenzene	2.2	U	26	2.2	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.6	U	26	1.6	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.9	U	26	2.9	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.9	U	26	2.9	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.0	U	26	2.0	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.0	U	26	5.0	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.6	U	26	3.6	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.34	111 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	56.17	112 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	59.55	119 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	46.42	93 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	227443	3.51			
540-36-3	1,4-Difluorobenzene	319222	3.92			
3114-55-4	Chlorobenzene-d5	299169	6.69			
3855-82-1	1,4-Dichlorobenzene-d4	207970	8.96			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

Chemtech

Summary Sheet
SW-846

SDG No.: X3460 Order ID: X3460

Client: PB/STV/PTG Joint Venture Project ID: PBST01

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	CV-2(15)							
X3460-01	CV-2(15)	SOIL	Methylene Chloride	27	B	26	9.6	ug/Kg
			Total VOC's:	27.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	27.00				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/22/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	6/26/2006
Client Sample ID:	CV-2(15-17)	**SDG No.:**	X3460
Lab Sample ID:	X3460-02	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	8
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF004581.D	1	6/28/2006	6/29/2006	BF062806

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	73	U	360	73	ug/Kg
108-95-2	Phenol	54	U	360	54	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	57	U	360	57	ug/Kg
95-57-8	2-Chlorophenol	57	U	360	57	ug/Kg
95-48-7	2-Methylphenol	60	U	360	60	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58	U	360	58	ug/Kg
98-86-2	Acetophenone	52	U	360	52	ug/Kg
106-44-5	3+4-Methylphenols	56	U	360	56	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	59	U	360	59	ug/Kg
67-72-1	Hexachloroethane	61	U	360	61	ug/Kg
98-95-3	Nitrobenzene	78	U	360	78	ug/Kg
78-59-1	Isophorone	54	U	360	54	ug/Kg
88-75-5	2-Nitrophenol	55	U	360	55	ug/Kg
105-67-9	2,4-Dimethylphenol	57	U	360	57	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	59	U	360	59	ug/Kg
120-83-2	2,4-Dichlorophenol	66	U	360	66	ug/Kg
91-20-3	Naphthalene	61	U	360	61	ug/Kg
106-47-8	4-Chloroaniline	43	U	360	43	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	360	55	ug/Kg
105-60-2	Caprolactam	58	U	360	58	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	360	49	ug/Kg
91-57-6	2-Methylnaphthalene	60	U	360	60	ug/Kg
77-47-4	Hexachlorocyclopentadiene	57	U	360	57	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	360	53	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	900	55	ug/Kg
92-52-4	1,1-Biphenyl	59	U	360	59	ug/Kg
91-58-7	2-Chloronaphthalene	59	U	360	59	ug/Kg
88-74-4	2-Nitroaniline	45	U	900	45	ug/Kg
131-11-3	Dimethylphthalate	58	U	360	58	ug/Kg
208-96-8	Acenaphthylene	58	U	360	58	ug/Kg
606-20-2	2,6-Dinitrotoluene	51	U	360	51	ug/Kg

U = Not Detected
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E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/22/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	6/26/2006
Client Sample ID:	CV-2(15-17)	**SDG No.:**	X3460
Lab Sample ID:	X3460-02	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	8
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF004581.D	1	6/28/2006	6/29/2006	BF062806

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	47	U	900	47	ug/Kg
83-32-9	Acenaphthene	64	U	360	64	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	900	310	ug/Kg
100-02-7	4-Nitrophenol	44	U	900	44	ug/Kg
132-64-9	Dibenzofuran	59	U	360	59	ug/Kg
121-14-2	2,4-Dinitrotoluene	53	U	360	53	ug/Kg
84-66-2	Diethylphthalate	62	U	360	62	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	360	57	ug/Kg
86-73-7	Fluorene	60	U	360	60	ug/Kg
100-01-6	4-Nitroaniline	61	U	900	61	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	69	U	900	69	ug/Kg
86-30-6	N-Nitrosodiphenylamine	59	U	360	59	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	360	53	ug/Kg
118-74-1	Hexachlorobenzene	57	U	360	57	ug/Kg
1912-24-9	Atrazine	55	U	360	55	ug/Kg
87-86-5	Pentachlorophenol	83	U	900	83	ug/Kg
85-01-8	Phenanthrene	57	U	360	57	ug/Kg
120-12-7	Anthracene	54	U	360	54	ug/Kg
86-74-8	Carbazole	55	U	360	55	ug/Kg
84-74-2	Di-n-butylphthalate	55	U	360	55	ug/Kg
206-44-0	Fluoranthene	53	U	360	53	ug/Kg
129-00-0	Pyrene	63	U	360	63	ug/Kg
85-68-7	Butylbenzylphthalate	58	U	360	58	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	360	61	ug/Kg
56-55-3	Benzo(a)anthracene	50	U	360	50	ug/Kg
218-01-9	Chrysene	64	U	360	64	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	69	U	360	69	ug/Kg
117-84-0	Di-n-octyl phthalate	61	U	360	61	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	U	360	39	ug/Kg
207-08-9	Benzo(k)fluoranthene	79	U	360	79	ug/Kg
50-32-8	Benzo(a)pyrene	57	U	360	57	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/22/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	6/26/2006
Client Sample ID:	CV-2(15-17)	**SDG No.:**	X3460
Lab Sample ID:	X3460-02	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	8
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF004581.D	1	6/28/2006	6/29/2006	BF062806

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	360	45	ug/Kg
53-70-3	Dibenz(a,h)anthracene	45	U	360	45	ug/Kg
191-24-2	Benzo(g,h,i)perylene	59	U	360	59	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	88.45	59 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	107.31	72 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	72.74	73 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	-20	-20 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	100.21	67 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	75.17	75 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	95598	4.57			
1146-65-2	Naphthalene-d8	375225	5.76			
15067-26-2	Acenaphthene-d10	178075	7.47			
1517-22-2	Phenanthrene-d10	228323	8.95			
1719-03-5	Chrysene-d12	168749	11.57			
1520-96-3	Perylene-d12	188244	13.49			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP3.23	1800	AB	3.23		ug/Kg
321-60-8	1,1-Biphenyl, 2-fluoro-	2500	JB	6.81		ug/Kg
57-10-3	n-Hexadecanoic acid	130	J	9.48		ug/Kg
74685-30-6	5-Eicosene, (E)-	400	J	11.42		ug/Kg
7683-64-9	Squalene	160	J	12.67		ug/Kg
506-52-5	1-Hexacosanol	100	J	14.45		ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/22/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	6/26/2006
Client Sample ID:	CV-2(15-17)	**SDG No.:**	X3460
Lab Sample ID:	X3460-02	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	8
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5004580.D	1	6/28/2006	7/8/2006	P5070106

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.7	U	18	2.7	ug/Kg
11104-28-2	AROCLOR 1221	4.2	U	18	4.2	ug/Kg
11141-16-5	AROCLOR 1232	6.3	U	18	6.3	ug/Kg
53469-21-9	AROCLOR 1242	5.6	U	18	5.6	ug/Kg
12672-29-6	AROCLOR 1248	2.7	U	18	2.7	ug/Kg
11097-69-1	AROCLOR 1254	1.8	U	18	1.8	ug/Kg
11096-82-5	AROCLOR 1260	4.5	U	18	4.5	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.43	97 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	22.28	111 %	58 - 125		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

Chemtech

Hit Summary Report

SDG No.: X3460 **Order ID:** X3460

Client: PB/STV/PTG Joint Venture **Project ID:** MTA/LIRR East side access-GEC Co

Test: SVOCMS Group1

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	CV-2(15-17)							
X3460-02	CV-2(15-17)	SOIL	ACP3.23	* 1800	AB	0	0	ug/Kg
X3460-02	CV-2(15-17)	SOIL	1,1-Biphenyl, 2-fluoro-	* 2500	JB	0	0	ug/Kg
X3460-02	CV-2(15-17)	SOIL	n-Hexadecanoic acid	* 130	J	0	0	ug/Kg
X3460-02	CV-2(15-17)	SOIL	5-Eicosene, (E)-	* 400	J	0	0	ug/Kg
X3460-02	CV-2(15-17)	SOIL	Squalene	* 160	J	0	0	ug/Kg
X3460-02	CV-2(15-17)	SOIL	1-Hexacosanol	* 100	J	0	0	ug/Kg
			Total SVOC's:	0.00				
			Total TIC's:	5090.00				
			Total SVOC's and TIC's:	5090.00				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/22/2006
Project:	MTA/LIRR East side a	**Date Received:**	6/26/2006
Client Sample ID:	CV-2(15-17)	**SDG No.:**	X3460
Lab Sample ID:	X3460-02	**Matrix:**	SOIL
		% Solids:	91.70

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	0.427	U		mg/Kg	0.427	1	6/27/2006	6/28/2006	EPA SW-846 6010
7440-39-3	Barium	37.1			mg/Kg	0.079	1	6/27/2006	6/28/2006	EPA SW-846 6010
7440-43-9	Cadmium	0.036	U		mg/Kg	0.036	1	6/27/2006	6/28/2006	EPA SW-846 6010
7440-47-3	Chromium	19.0		E	mg/Kg	0.096	1	6/27/2006	6/28/2006	EPA SW-846 6010
7439-92-1	Lead	1.880			mg/Kg	0.314	1	6/27/2006	6/28/2006	EPA SW-846 6010
7439-97-6	Mercury	0.007	J	N	mg/Kg	0.006	1	6/27/2006	6/28/2006	EPA SW-846 7471
7782-49-2	Selenium	0.372	U		mg/Kg	0.372	1	6/27/2006	6/28/2006	EPA SW-846 6010
7440-22-4	Silver	0.086	U		mg/Kg	0.086	1	6/27/2006	6/28/2006	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

Chemtech Consulting Group

Hit Summary Sheet
SW-846

SDG No.: X3460 **Order ID:** X3460

Client: PB/STV/PTG Joint Venture **Project ID:** MTA/LIRR East side access-GEC (

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	CV-2(15-17)							
X3460-02	CV-2(15-17)	SOIL	Barium	37.1		21.8	0.079	mg/Kg
X3460-02	CV-2(15-17)	SOIL	Chromium	19.0		1.090	0.096	mg/Kg
X3460-02	CV-2(15-17)	SOIL	Lead	1.880		0.545	0.314	mg/Kg
X3460-02	CV-2(15-17)	SOIL	Mercury	0.007	J	0.011	0.006	mg/Kg

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

Chemtech Project Number: X3460

COC Number:

CLIENT INFORMATION

Report to be sent to

COMPANY: GEC
ADDRESS: 469 7th Ave 14th Floor
CITY: New York STATE: NY ZIP: 10018
ATTENTION: Romona Naworit
PHONE: 212-643-2412 FAX:

PROJECT INFORMATION

PROJECT NAME: ESA
PROJECT #: LOCATION: Sunnyside
PROJECT MANAGER: Romona Naworit
E-MAIL: rnaworit@mtaces.org
PHONE: (212) 643-2412 FAX:

BILLING INFORMATION

BILL TO: GEC PO#
ADDRESS: 469 7th Ave 14th Floor
CITY: New York STATE: NY ZIP: 10018
ATTENTION: Romona Naworit
PHONE:

DATA TURNAROUND INFORMATION

FAX:_____ DAYS*
HARD COPY:_____ DAYS*
EDD_____ DAYS*
* TO BE APPROVED BY CHEMTECH
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ RESEULTS ONLY
- ☐ RESULTS * QC
- ☐ New Jersey REDUCED
- ✈ New Jersey CLP
- ☐ USEPA CLP
- ☒ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other_____
- ☐ EDD FORMAT_____

ANALYSIS

1 TCL VOCs
2 TCL SVOCs
3 PCBs
4 RCRA Metals
5
6
7
8
9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1. CMA8 RP	CV-2 (15')	Soil		X	6/22	2020		X									
2. CMA21 RP	CV-2 (15-17')	Soil	X		6/22	2020			X	X	X						
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1. Romona Naworit	6/22/06	1.
RELINQUISHED BY 2.	DATE/TIME	RECEIVED BY 2.
RELINQUISHED BY 3. Fed-Ex	DATE/TIME 6/26/06 9:50	RECEIVED FOR LAB BY 3. CUSTAIR ALF

Conditions of bottles or coilers at receipt: ✈ COMPLIANT ✈ NON COMPLIANT ✈ COOLER TEMP 4°C
MeOH extraction requires an additional 4oz. Jar for percent solid
Comments:

Page 1 of 1

CLIENT: ✈ Hand Delivered ✈ Overnight
CHEMTECH: ✈ Picked Up ✈

Shipment Complete ☒ YES ✈ N

#

10/8/2004

WHITE - CHEMTECH COPYFOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

CHEMTECH 284 Sheffield Street • Mountainside, NJ 07092 Phone: 908.789.8900 Fax: 908.789.8922

CV-2(05)
WI-10(05)

ANALYTICAL RESULTS SUMMARY

PROJECT NAME: MTA/LIRR East side access-GEC Contract

PB/STV/PTG JOINT VENTURE
469 7TH AVENUE, 14TH FLOOR
NEW YORK, NY 10018
2129041702

CHEMTECH PROJECT NO. **X3263**
ATTENTION: **Romana Narozik**

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/12/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	6/14/2006
Client Sample ID:	CV-2(5)	**SDG No.:**	X3263
Lab Sample ID:	X3263-01	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	16
Sample Wt/Vol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK007031.D	1	6/14/2006	VK061206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	5.1	U	30	5.1	ug/Kg
74-87-3	Chloromethane	5.1	U	30	5.1	ug/Kg
75-01-4	Vinyl chloride	4.9	U	30	4.9	ug/Kg
74-83-9	Bromomethane	12	U	30	12	ug/Kg
75-00-3	Chloroethane	13	U	30	13	ug/Kg
75-69-4	Trichlorofluoromethane	7.4	U	30	7.4	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	4.0	U	30	4.0	ug/Kg
75-35-4	1,1-Dichloroethene	3.4	U	30	3.4	ug/Kg
67-64-1	Acetone	79	JB	150	20	ug/Kg
75-15-0	Carbon disulfide	2.2	U	30	2.2	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.2	U	30	2.2	ug/Kg
79-20-9	Methyl Acetate	5.1	U	30	5.1	ug/Kg
75-09-2	Methylene Chloride	11	U	30	11	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.8	U	30	3.8	ug/Kg
75-34-3	1,1-Dichloroethane	1.6	U	30	1.6	ug/Kg
110-82-7	Cyclohexane	6.1	J	30	1.9	ug/Kg
78-93-3	2-Butanone	17	U	150	17	ug/Kg
56-23-5	Carbon Tetrachloride	2.6	U	30	2.6	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.9	U	30	1.9	ug/Kg
67-66-3	Chloroform	2.1	U	30	2.1	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.5	U	30	2.5	ug/Kg
108-87-2	Methylcyclohexane	2.5	U	30	2.5	ug/Kg
71-43-2	Benzene	2.4	U	30	2.4	ug/Kg
107-06-2	1,2-Dichloroethane	1.8	U	30	1.8	ug/Kg
79-01-6	Trichloroethene	1.8	U	30	1.8	ug/Kg
78-87-5	1,2-Dichloropropane	2.4	U	30	2.4	ug/Kg
75-27-4	Bromodichloromethane	2.0	U	30	2.0	ug/Kg
108-10-1	4-Methyl-2-Pentanone	12	U	150	12	ug/Kg
108-88-3	Toluene	2.4	U	30	2.4	ug/Kg
10061-02-6	t-1,3-Dichloropropene	2.2	U	30	2.2	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	2.0	U	30	2.0	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.8	U	30	1.8	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/12/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	6/14/2006
Client Sample ID:	CV-2(5)	**SDG No.:**	X3263
Lab Sample ID:	X3263-01	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	16
Sample Wt/Wol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK007031.D	1	6/14/2006	VK061206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	21	U	150	21	ug/Kg
124-48-1	Dibromochloromethane	1.4	U	30	1.4	ug/Kg
106-93-4	1,2-Dibromoethane	2.4	U	30	2.4	ug/Kg
127-18-4	Tetrachloroethene	4.3	U	30	4.3	ug/Kg
108-90-7	Chlorobenzene	2.2	U	30	2.2	ug/Kg
100-41-4	Ethyl Benzene	2.1	U	30	2.1	ug/Kg
126777-61-2	m/p-Xylenes	5.1	U	60	5.1	ug/Kg
95-47-6	o-Xylene	2.3	U	30	2.3	ug/Kg
100-42-5	Styrene	2.7	U	30	2.7	ug/Kg
75-25-2	Bromoform	1.8	U	30	1.8	ug/Kg
98-82-8	Isopropylbenzene	2.5	U	30	2.5	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.9	U	30	1.9	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.3	U	30	3.3	ug/Kg
106-46-7	1,4-Dichlorobenzene	3.2	U	30	3.2	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.3	U	30	2.3	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.6	U	30	5.6	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.1	U	30	4.1	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.87	108 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	55.68	111 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	57.18	114 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	45.65	91 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	229171	3.51			
540-36-3	1,4-Difluorobenzene	326778	3.92			
3114-55-4	Chlorobenzene-d5	307105	6.69			
3855-82-1	1,4-Dichlorobenzene-d4	214833	8.96			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/12/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	6/14/2006
Client Sample ID:	UT-10(5)	**SDG No.:**	X3263
Lab Sample ID:	X3263-03	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	4
Sample Wt/Wol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK007032.D	1	6/14/2006	VK061206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.6	U	27	4.6	ug/Kg
74-87-3	Chloromethane	4.6	U	27	4.6	ug/Kg
75-01-4	Vinyl chloride	4.4	U	27	4.4	ug/Kg
74-83-9	Bromomethane	11	U	27	11	ug/Kg
75-00-3	Chloroethane	11	U	27	11	ug/Kg
75-69-4	Trichlorofluoromethane	6.7	U	27	6.7	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.6	U	27	3.6	ug/Kg
75-35-4	1,1-Dichloroethene	3.1	U	27	3.1	ug/Kg
67-64-1	Acetone	68	JB	130	18	ug/Kg
75-15-0	Carbon disulfide	2.0	U	27	2.0	ug/Kg
1634-04-4	Methyl tert-butyl Ether	2.0	U	27	2.0	ug/Kg
79-20-9	Methyl Acetate	4.6	U	27	4.6	ug/Kg
75-09-2	Methylene Chloride	9.8	U	27	9.8	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.4	U	27	3.4	ug/Kg
75-34-3	1,1-Dichloroethane	1.4	U	27	1.4	ug/Kg
110-82-7	Cyclohexane	5.8	J	27	1.7	ug/Kg
78-93-3	2-Butanone	15	U	130	15	ug/Kg
56-23-5	Carbon Tetrachloride	2.4	U	27	2.4	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.7	U	27	1.7	ug/Kg
67-66-3	Chloroform	1.9	U	27	1.9	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.2	U	27	2.2	ug/Kg
108-87-2	Methylcyclohexane	2.3	U	27	2.3	ug/Kg
71-43-2	Benzene	2.1	U	27	2.1	ug/Kg
107-06-2	1,2-Dichloroethane	1.6	U	27	1.6	ug/Kg
79-01-6	Trichloroethene	1.7	U	27	1.7	ug/Kg
78-87-5	1,2-Dichloropropane	2.1	U	27	2.1	ug/Kg
75-27-4	Bromodichloromethane	1.8	U	27	1.8	ug/Kg
108-10-1	4-Methyl-2-Pentanone	11	U	130	11	ug/Kg
108-88-3	Toluene	2.2	U	27	2.2	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1.9	U	27	1.9	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.8	U	27	1.8	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.6	U	27	1.6	ug/Kg

U = Not Detected
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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/12/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	6/14/2006
Client Sample ID:	UT-10(5)	**SDG No.:**	X3263
Lab Sample ID:	X3263-03	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	4
Sample Wt/Wol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK007032.D	1	6/14/2006	VK061206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	19	U	130	19	ug/Kg
124-48-1	Dibromochloromethane	1.2	U	27	1.2	ug/Kg
106-93-4	1,2-Dibromoethane	2.2	U	27	2.2	ug/Kg
127-18-4	Tetrachloroethene	3.9	U	27	3.9	ug/Kg
108-90-7	Chlorobenzene	1.9	U	27	1.9	ug/Kg
100-41-4	Ethyl Benzene	1.9	U	27	1.9	ug/Kg
126777-61-2	m/p-Xylenes	4.6	U	54	4.6	ug/Kg
95-47-6	o-Xylene	2.1	U	27	2.1	ug/Kg
100-42-5	Styrene	2.5	U	27	2.5	ug/Kg
75-25-2	Bromoform	1.7	U	27	1.7	ug/Kg
98-82-8	Isopropylbenzene	2.2	U	27	2.2	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.7	U	27	1.7	ug/Kg
541-73-1	1,3-Dichlorobenzene	3.0	U	27	3.0	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.9	U	27	2.9	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.1	U	27	2.1	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.1	U	27	5.1	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.7	U	27	3.7	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	58.05	116 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	58.02	116 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	61.79	124 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	47.73	95 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	218463	3.51			
540-36-3	1,4-Difluorobenzene	318761	3.92			
3114-55-4	Chlorobenzene-d5	301619	6.69			
3855-82-1	1,4-Dichlorobenzene-d4	202617	8.96			

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/12/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	6/14/2006
Client Sample ID:	CV-2(0-5)	**SDG No.:**	X3263
Lab Sample ID:	X3263-02	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	7
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF004194.D	1	6/15/2006	6/15/2006	BF061206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	73	U	350	73	ug/Kg
108-95-2	Phenol	54	U	350	54	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	56	U	350	56	ug/Kg
95-57-8	2-Chlorophenol	57	U	350	57	ug/Kg
95-48-7	2-Methylphenol	59	U	350	59	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	57	U	350	57	ug/Kg
98-86-2	Acetophenone	52	U	350	52	ug/Kg
106-44-5	3+4-Methylphenols	56	U	350	56	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	59	U	350	59	ug/Kg
67-72-1	Hexachloroethane	60	U	350	60	ug/Kg
98-95-3	Nitrobenzene	77	U	350	77	ug/Kg
78-59-1	Isophorone	53	U	350	53	ug/Kg
88-75-5	2-Nitrophenol	55	U	350	55	ug/Kg
105-67-9	2,4-Dimethylphenol	56	U	350	56	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58	U	350	58	ug/Kg
120-83-2	2,4-Dichlorophenol	66	U	350	66	ug/Kg
91-20-3	Naphthalene	61	U	350	61	ug/Kg
106-47-8	4-Chloroaniline	42	U	350	42	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	350	55	ug/Kg
105-60-2	Caprolactam	57	U	350	57	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	350	49	ug/Kg
91-57-6	2-Methylnaphthalene	59	U	350	59	ug/Kg
77-47-4	Hexachlorocyclopentadiene	57	U	350	57	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	350	52	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54	U	890	54	ug/Kg
92-52-4	1,1-Biphenyl	58	U	350	58	ug/Kg
91-58-7	2-Chloronaphthalene	59	U	350	59	ug/Kg
88-74-4	2-Nitroaniline	45	U	890	45	ug/Kg
131-11-3	Dimethylphthalate	57	U	350	57	ug/Kg
208-96-8	Acenaphthylene	58	U	350	58	ug/Kg
606-20-2	2,6-Dinitrotoluene	50	U	350	50	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/12/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	6/14/2006
Client Sample ID:	CV-2(0-5)	**SDG No.:**	X3263
Lab Sample ID:	X3263-02	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	7
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF004194.D	1	6/15/2006	6/15/2006	BF061206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	46	U	890	46	ug/Kg
83-32-9	Acenaphthene	63	U	350	63	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	890	300	ug/Kg
100-02-7	4-Nitrophenol	44	U	890	44	ug/Kg
132-64-9	Dibenzofuran	59	U	350	59	ug/Kg
121-14-2	2,4-Dinitrotoluene	52	U	350	52	ug/Kg
84-66-2	Diethylphthalate	61	U	350	61	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	350	56	ug/Kg
86-73-7	Fluorene	60	U	350	60	ug/Kg
100-01-6	4-Nitroaniline	61	U	890	61	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	69	U	890	69	ug/Kg
86-30-6	N-Nitrosodiphenylamine	58	U	350	58	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	350	53	ug/Kg
118-74-1	Hexachlorobenzene	57	U	350	57	ug/Kg
1912-24-9	Atrazine	54	U	350	54	ug/Kg
87-86-5	Pentachlorophenol	82	U	890	82	ug/Kg
85-01-8	Phenanthrene	57	U	350	57	ug/Kg
120-12-7	Anthracene	54	U	350	54	ug/Kg
86-74-8	Carbazole	54	U	350	54	ug/Kg
84-74-2	Di-n-butylphthalate	54	U	350	54	ug/Kg
206-44-0	Fluoranthene	53	U	350	53	ug/Kg
129-00-0	Pyrene	63	U	350	63	ug/Kg
85-68-7	Butylbenzylphthalate	57	U	350	57	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	350	61	ug/Kg
56-55-3	Benzo(a)anthracene	50	U	350	50	ug/Kg
218-01-9	Chrysene	64	U	350	64	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	68	U	350	68	ug/Kg
117-84-0	Di-n-octyl phthalate	60	U	350	60	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	U	350	39	ug/Kg
207-08-9	Benzo(k)fluoranthene	85	J	350	78	ug/Kg
50-32-8	Benzo(a)pyrene	57	U	350	57	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/12/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	6/14/2006
Client Sample ID:	CV-2(0-5)	**SDG No.:**	X3263
Lab Sample ID:	X3263-02	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	7
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF004194.D	1	6/15/2006	6/15/2006	BF061206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	350	45	ug/Kg
53-70-3	Dibenz(a,h)anthracene	45	U	350	45	ug/Kg
191-24-2	Benzo(g,h,i)perylene	59	U	350	59	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	120.13	80 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	125.7	84 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	75.88	76 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	81.7	82 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	129.18	86 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	84.38	84 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	218150	3.97			
1146-65-2	Naphthalene-d8	854032	5.76			
15067-26-2	Acenaphthene-d10	451227	8.45			
1517-22-2	Phenanthrene-d10	660969	10.78			
1719-03-5	Chrysene-d12	515276	14.96			
1520-96-3	Perylene-d12	516663	17.06			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP2.24	1800	A	2.24		ug/Kg
57-10-3	n-Hexadecanoic acid	190	J	12.02		ug/Kg
1599-67-3	1-Docosene	240	J	15.07		ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/12/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	6/14/2006
Client Sample ID:	UT-10(0-5)	**SDG No.:**	X3263
Lab Sample ID:	X3263-04	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	6
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF004195.D	1	6/15/2006	6/15/2006	BF061206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	72	U	350	72	ug/Kg
108-95-2	Phenol	53	U	350	53	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	55	U	350	55	ug/Kg
95-57-8	2-Chlorophenol	56	U	350	56	ug/Kg
95-48-7	2-Methylphenol	58	U	350	58	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	56	U	350	56	ug/Kg
98-86-2	Acetophenone	51	U	350	51	ug/Kg
106-44-5	3+4-Methylphenols	55	U	350	55	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	58	U	350	58	ug/Kg
67-72-1	Hexachloroethane	60	U	350	60	ug/Kg
98-95-3	Nitrobenzene	76	U	350	76	ug/Kg
78-59-1	Isophorone	53	U	350	53	ug/Kg
88-75-5	2-Nitrophenol	54	U	350	54	ug/Kg
105-67-9	2,4-Dimethylphenol	56	U	350	56	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	58	U	350	58	ug/Kg
120-83-2	2,4-Dichlorophenol	65	U	350	65	ug/Kg
91-20-3	Naphthalene	60	U	350	60	ug/Kg
106-47-8	4-Chloroaniline	42	U	350	42	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	350	54	ug/Kg
105-60-2	Caprolactam	56	U	350	56	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	350	48	ug/Kg
91-57-6	2-Methylnaphthalene	59	U	350	59	ug/Kg
77-47-4	Hexachlorocyclopentadiene	56	U	350	56	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	350	51	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54	U	880	54	ug/Kg
92-52-4	1,1-Biphenyl	58	U	350	58	ug/Kg
91-58-7	2-Chloronaphthalene	58	U	350	58	ug/Kg
88-74-4	2-Nitroaniline	44	U	880	44	ug/Kg
131-11-3	Dimethylphthalate	56	U	350	56	ug/Kg
208-96-8	Acenaphthylene	57	U	350	57	ug/Kg
606-20-2	2,6-Dinitrotoluene	50	U	350	50	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/12/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	6/14/2006
Client Sample ID:	UT-10(0-5)	**SDG No.:**	X3263
Lab Sample ID:	X3263-04	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	6
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF004195.D	1	6/15/2006	6/15/2006	BF061206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	46	U	880	46	ug/Kg
83-32-9	Acenaphthene	62	U	350	62	ug/Kg
51-28-5	2,4-Dinitrophenol	300	U	880	300	ug/Kg
100-02-7	4-Nitrophenol	43	U	880	43	ug/Kg
132-64-9	Dibenzofuran	58	U	350	58	ug/Kg
121-14-2	2,4-Dinitrotoluene	51	U	350	51	ug/Kg
84-66-2	Diethylphthalate	60	U	350	60	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	350	55	ug/Kg
86-73-7	Fluorene	59	U	350	59	ug/Kg
100-01-6	4-Nitroaniline	60	U	880	60	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	68	U	880	68	ug/Kg
86-30-6	N-Nitrosodiphenylamine	58	U	350	58	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52	U	350	52	ug/Kg
118-74-1	Hexachlorobenzene	56	U	350	56	ug/Kg
1912-24-9	Atrazine	54	U	350	54	ug/Kg
87-86-5	Pentachlorophenol	81	U	880	81	ug/Kg
85-01-8	Phenanthrene	56	U	350	56	ug/Kg
120-12-7	Anthracene	53	U	350	53	ug/Kg
86-74-8	Carbazole	53	U	350	53	ug/Kg
84-74-2	Di-n-butylphthalate	53	U	350	53	ug/Kg
206-44-0	Fluoranthene	52	U	350	52	ug/Kg
129-00-0	Pyrene	62	U	350	62	ug/Kg
85-68-7	Butylbenzylphthalate	57	U	350	57	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	350	60	ug/Kg
56-55-3	Benzo(a)anthracene	49	U	350	49	ug/Kg
218-01-9	Chrysene	63	U	350	63	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	67	U	350	67	ug/Kg
117-84-0	Di-n-octyl phthalate	60	U	350	60	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	U	350	39	ug/Kg
207-08-9	Benzo(k)fluoranthene	95	J	350	77	ug/Kg
50-32-8	Benzo(a)pyrene	56	U	350	56	ug/Kg

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/12/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	6/14/2006
Client Sample ID:	UT-10(0-5)	**SDG No.:**	X3263
Lab Sample ID:	X3263-04	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	6
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF004195.D	1	6/15/2006	6/15/2006	BF061206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	350	44	ug/Kg
53-70-3	Dibenz(a,h)anthracene	44	U	350	44	ug/Kg
191-24-2	Benzo(g,h,i)perylene	58	U	350	58	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	115.78	77 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	121.14	81 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	74.26	74 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	80.37	80 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	127.41	85 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	82.31	82 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	232761	3.97			
1146-65-2	Naphthalene-d8	902451	5.76			
15067-26-2	Acenaphthene-d10	471972	8.45			
1517-22-2	Phenanthrene-d10	689198	10.78			
1719-03-5	Chrysene-d12	541515	14.96			
1520-96-3	Perylene-d12	555340	17.06			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP2.23	1800	A	2.23		ug/Kg
1599-67-3	1-Docosene	220	J	15.07		ug/Kg

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N = Presumptive Evidence of a Compound

Hit Summary Report

SDG No.: X3263 **Order ID:** X3263

Client: PB/STV/PTG Joint Venture **Project ID:** MTA/LIRR East side access-GEC Co

Test: SVOCMS Group1

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**CV-2(0-5)**							
X3263-02	CV-2(0-5)	SOIL	Benzo(k)fluoranthene	85	J	350	78	ug/Kg
X3263-02	CV-2(0-5)	SOIL	ACP2.24	* 1800	A	0	0	ug/Kg
X3263-02	CV-2(0-5)	SOIL	n-Hexadecanoic acid	* 190	J	0	0	ug/Kg
X3263-02	CV-2(0-5)	SOIL	1-Docosene	* 240	J	0	0	ug/Kg
			Total SVOC's:	85.00				
			Total TIC's:	2230.00				
			Total SVOC's and TIC's:	2315.00				
Client ID:	**GE-59-3(4-3)**							
X3263-06	GE-59-3(4-3)	SOIL	Naphthalene	120	J	350	60	ug/Kg
X3263-06	GE-59-3(4-3)	SOIL	2-Methylnaphthalene	67	J	350	59	ug/Kg
X3263-06	GE-59-3(4-3)	SOIL	Acenaphthylene	92	J	350	57	ug/Kg
X3263-06	GE-59-3(4-3)	SOIL	Dibenzofuran	61	J	350	58	ug/Kg
X3263-06	GE-59-3(4-3)	SOIL	Phenanthrene	470		350	56	ug/Kg
X3263-06	GE-59-3(4-3)	SOIL	Anthracene	190	J	350	53	ug/Kg
X3263-06	GE-59-3(4-3)	SOIL	Carbazole	66	J	350	54	ug/Kg
X3263-06	GE-59-3(4-3)	SOIL	Fluoranthene	910		350	53	ug/Kg
263-06	GE-59-3(4-3)	SOIL	Pyrene	1100		350	63	ug/Kg
X3263-06	GE-59-3(4-3)	SOIL	Benzo(a)anthracene	590		350	49	ug/Kg
X3263-06	GE-59-3(4-3)	SOIL	Chrysene	610		350	63	ug/Kg
X3263-06	GE-59-3(4-3)	SOIL	bis(2-Ethylhexyl)phthalate	88	J	350	68	ug/Kg
X3263-06	GE-59-3(4-3)	SOIL	Benzo(b)fluoranthene	1000		350	39	ug/Kg
X3263-06	GE-59-3(4-3)	SOIL	Benzo(k)fluoranthene	380		350	78	ug/Kg
X3263-06	GE-59-3(4-3)	SOIL	Benzo(a)pyrene	570		350	57	ug/Kg
X3263-06	GE-59-3(4-3)	SOIL	Indeno(1,2,3-cd)pyrene	160	J	350	45	ug/Kg
X3263-06	GE-59-3(4-3)	SOIL	Benzo(g,h,i)perylene	250	J	350	58	ug/Kg
X3263-06	GE-59-3(4-3)	SOIL	ACP2.20	* 1600	A	0	0	ug/Kg
X3263-06	GE-59-3(4-3)	SOIL	Naphthalene, 1-methyl-	* 170	J	0	0	ug/Kg
			Total SVOC's:	6724.00				
			Total TIC's:	1770.00				
			Total SVOC's and TIC's:	8494.00				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

Chemtech

Hit Summary Report

SDG No.: X3263 **Order ID:** X3263

Client: PB/STV/PTG Joint Venture **Project ID:** MTA/LIRR East side access-GEC Co

Test: SVOCMS Group1

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	UT-10(0-5)							
X3263-04	UT-10(0-5)	SOIL	Benzo(k)fluoranthene	95	J	350	77	ug/Kg
X3263-04	UT-10(0-5)	SOIL	ACP2.23	* 1800	A	0	0	ug/Kg
X3263-04	UT-10(0-5)	SOIL	1-Docosene	* 220	J	0	0	ug/Kg
			Total SVOC's:	95.00				
			Total TIC's:	2020.00				
			Total SVOC's and TIC's:	2115.00				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/12/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	6/14/2006
Client Sample ID:	CV-2(0-5)	**SDG No.:**	X3263
Lab Sample ID:	X3263-02	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	7
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5003870.D	1	6/15/2006	6/16/2006	P5060706

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.7	U	18	2.7	ug/Kg
11104-28-2	AROCLOR 1221	4.2	U	18	4.2	ug/Kg
11141-16-5	AROCLOR 1232	6.3	U	18	6.3	ug/Kg
53469-21-9	AROCLOR 1242	5.6	U	18	5.6	ug/Kg
12672-29-6	AROCLOR 1248	2.7	U	18	2.7	ug/Kg
11097-69-1	AROCLOR 1254	1.8	U	18	1.8	ug/Kg
11096-82-5	AROCLOR 1260	4.5	U	18	4.5	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.76	99 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	18.61	93 %	58 - 125		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/12/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	6/14/2006
Client Sample ID:	UT-10(0-5)	**SDG No.:**	X3263
Lab Sample ID:	X3263-04	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	6
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5003871.D	1	6/15/2006	6/16/2006	P5060706

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.7	U	18	2.7	ug/Kg
11104-28-2	AROCLOR 1221	4.2	U	18	4.2	ug/Kg
11141-16-5	AROCLOR 1232	6.2	U	18	6.2	ug/Kg
53469-21-9	AROCLOR 1242	5.5	U	18	5.5	ug/Kg
12672-29-6	AROCLOR 1248	2.7	U	18	2.7	ug/Kg
11097-69-1	AROCLOR 1254	1.8	U	18	1.8	ug/Kg
11096-82-5	AROCLOR 1260	43	P	18	4.4	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.04	95 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	17.74	89 %	58 - 125		SPK: 20

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

Chemtech

Hit Summary Report

SDG No.: X3263
Client: PB/STV/PTG Joint Venture
Test: PCB

Order ID: X3263
Project ID: MTA/LIRR East side access-GEC Co

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**GE-59-3(4-3)**							
X3263-06	GE-59-3(4-3)	SOIL	AROCLOR 1260	1600	E	18	4.5	ug/Kg
			Total PCB's:	1600.00				
Client ID:	**GE-59-3(4-3)DL**							
X3263-06DL	GE-59-3(4-3)DL	SOIL	AROCLOR 1260	2200	D	180	45	ug/Kg
			Total PCB's:	2200.00				
Client ID:	**SY-522**							
X3263-08	SY-522	SOIL	AROCLOR 1260	370	E	18	4.5	ug/Kg
			Total PCB's:	370.00				
Client ID:	**SY-522DL**							
X3263-08DL	SY-522DL	SOIL	AROCLOR 1260	410	D	36	9.0	ug/Kg
			Total PCB's:	410.00				
Client ID:	**UT-10(0-5)**							
X3263-04	UT-10(0-5)	SOIL	AROCLOR 1260	43	P	18	4.4	ug/Kg
			Total PCB's:	43.00				

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/12/2006
Project:	MTA/LIRR East side a	**Date Received:**	6/14/2006
Client Sample ID:	CV-2(0-5)	**SDG No.:**	X3263
Lab Sample ID:	X3263-02	**Matrix:**	SOIL
		% Solids:	93.00

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	1.320			mg/Kg	0.417	1	6/15/2006	6/16/2006	EPA SW-846 6010
7440-39-3	Barium	11.6	J	E	mg/Kg	0.077	1	6/15/2006	6/16/2006	EPA SW-846 6010
7440-43-9	Cadmium	0.160	J	N	mg/Kg	0.035	1	6/15/2006	6/16/2006	EPA SW-846 6010
7440-47-3	Chromium	3.690			mg/Kg	0.094	1	6/15/2006	6/16/2006	EPA SW-846 6010
7439-92-1	Lead	6.940			mg/Kg	0.307	1	6/15/2006	6/16/2006	EPA SW-846 6010
7439-97-6	Mercury	0.025			mg/Kg	0.006	1	6/19/2006	6/20/2006	EPA SW-846 7471
7782-49-2	Selenium	0.363	U		mg/Kg	0.363	1	6/15/2006	6/16/2006	EPA SW-846 6010
7440-22-4	Silver	0.148	J	N	mg/Kg	0.084	1	6/15/2006	6/16/2006	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

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Report of Analysis

Client:	**PB/STV/PTG Joint Venture**	**Date Collected:**	**6/12/2006**
Project:	**MTA/LIRR East side a**	**Date Received:**	**6/14/2006**
Client Sample ID:	**UT-10(0-5)**	**SDG No.:**	**X3263**
Lab Sample ID:	**X3263-04**	**Matrix:**	**SOIL**
		% Solids:	**94.40**

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	2.380			mg/Kg	0.407	1	6/15/2006	6/16/2006	EPA SW-846 6010
7440-39-3	Barium	25.3		E	mg/Kg	0.075	1	6/15/2006	6/16/2006	EPA SW-846 6010
7440-43-9	Cadmium	0.104	J	N	mg/Kg	0.034	1	6/15/2006	6/16/2006	EPA SW-846 6010
7440-47-3	Chromium	5.200			mg/Kg	0.091	1	6/15/2006	6/16/2006	EPA SW-846 6010
7439-92-1	Lead	24.5			mg/Kg	0.299	1	6/15/2006	6/16/2006	EPA SW-846 6010
7439-97-6	Mercury	0.006	U		mg/Kg	0.006	1	6/19/2006	6/20/2006	EPA SW-846 7471
7782-49-2	Selenium	0.354	U		mg/Kg	0.354	1	6/15/2006	6/16/2006	EPA SW-846 6010
7440-22-4	Silver	0.082	U	N	mg/Kg	0.082	1	6/15/2006	6/16/2006	EPA SW-846 6010

Comments:

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DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

Chemtech Consulting Group

Hit Summary Sheet
SW-846

SDG No.: X3263 Order ID: X3263

Client: PB/STV/PTG Joint Venture Project ID: MTA/LIRR East side access-GEC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	**CV-2(0-5)**							
X3263-02	CV-2(0-5)	SOIL	Arsenic	1.320		1.060	0.417	mg/Kg
X3263-02	CV-2(0-5)	SOIL	Barium	11.6	J	21.3	0.077	mg/Kg
X3263-02	CV-2(0-5)	SOIL	Cadmium	0.160	J	0.532	0.035	mg/Kg
X3263-02	CV-2(0-5)	SOIL	Chromium	3.690		1.060	0.094	mg/Kg
X3263-02	CV-2(0-5)	SOIL	Lead	6.940		0.532	0.307	mg/Kg
X3263-02	CV-2(0-5)	SOIL	Mercury	0.025		0.011	0.006	mg/Kg
X3263-02	CV-2(0-5)	SOIL	Silver	0.148	J	1.060	0.084	mg/Kg
Client ID:	**GE-59-3(4-3)**							
X3263-06	GE-59-3(4-3)	SOIL	Arsenic	4.170		1.080	0.424	mg/Kg
X3263-06	GE-59-3(4-3)	SOIL	Barium	36.8		21.6	0.078	mg/Kg
X3263-06	GE-59-3(4-3)	SOIL	Cadmium	0.351	J	0.541	0.036	mg/Kg
X3263-06	GE-59-3(4-3)	SOIL	Chromium	15.8		1.080	0.095	mg/Kg
X3263-06	GE-59-3(4-3)	SOIL	Lead	92.2		0.541	0.311	mg/Kg
X3263-06	GE-59-3(4-3)	SOIL	Mercury	0.401		0.011	0.006	mg/Kg
Client ID:	**SY-522**							
X3263-08	SY-522	SOIL	Arsenic	1.360		1.070	0.420	mg/Kg
X3263-08	SY-522	SOIL	Barium	13.5	J	21.4	0.077	mg/Kg
X3263-08	SY-522	SOIL	Cadmium	0.163	J	0.536	0.035	mg/Kg
X3263-08	SY-522	SOIL	Chromium	6.460		1.070	0.094	mg/Kg
X3263-08	SY-522	SOIL	Lead	14.8		0.536	0.309	mg/Kg
X3263-08	SY-522	SOIL	Mercury	0.057		0.011	0.006	mg/Kg
X3263-08	SY-522	SOIL	Silver	0.178	J	1.070	0.085	mg/Kg
Client ID:	**UT-10(0-5)**							
X3263-04	UT-10(0-5)	SOIL	Arsenic	2.380		1.040	0.407	mg/Kg
X3263-04	UT-10(0-5)	SOIL	Barium	25.3		20.8	0.075	mg/Kg
X3263-04	UT-10(0-5)	SOIL	Cadmium	0.104	J	0.519	0.034	mg/Kg
X3263-04	UT-10(0-5)	SOIL	Chromium	5.200		1.040	0.091	mg/Kg
X3263-04	UT-10(0-5)	SOIL	Lead	24.5		0.519	0.299	mg/Kg

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO. X3 3

COC Number 058996

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: GEC

ADDRESS: 469 7th Ave 14Fl

CITY: NY STATE: NY ZIP: 10018

ATTENTION: Romana Nacozmik

PHONE: 22643-2412 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: ESA

PROJECT NO.: LOCATION: Sunnyside

PROJECT MANAGER: Mike Tumulty

e-mail: Mtumulty@intl-esa.org

PHONE: 212-619-3389 FAX:

CLIENT BILLING INFORMATION

BILL TO: GEC PO#:

ADDRESS: 469 7th Ave 14 Fl

CITY: NY STATE: NY ZIP: 10018

ATTENTION: Romana Nacozmik PHONE:

DATA TURNAROUND INFORMATION

FAX: _____ DAYS *

HARD COPY: X DAYS *

EDD: X DAYS *

* TO BE APPROVED BY CHEMTECH
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☒ RESULTS ONLY ☐ USEPA CLP

☐ RESULTS + QC ☐ New York State ASP "B"

☐ New Jersey REDUCED ☐ New York State ASP "A"

☐ New Jersey CLP ☐ Other _____

☐ EDD FORMAT _____

ANALYSIS

1 TCL VOC 2 TCL SVOC, PCBs & Pesticides 3 4 5 6 7 8 9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1. 1	CV-2 (5')	Soil		X	6/12	1830	1	X									
2. 2	CV-2 (0-5')		X			1830	1		X								
3. 3	VT-10 (5')			X		1900	1	X									
4. 4	VT-10 (0-5')	↓	X		↓	1900	1		X								
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

← Specify Preservatives
A – HCl B – HNO_3
C – H_2SO_4 D – NaOH
E – ICE F – Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. Romana Nacozmik	6/12/06	1.
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:
2.		2.
RELINQUISHED BY:	DATE/TIME:	RECEIVED FOR LAB BY:
3.	6/14/06 1020	3. JIM MUNOZ

Conditions of bottles or coolers at receipt: ☒ Compliant ☐ Non Compliant

Cooler Temp. 4°C

MeOH extraction requires an additional 4 oz jar for percent solid.

Comments:

Ice in Cooler?: Yes

Page 1 of 1

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☒ OVERNIGHT
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☒ YES ☐ NO

R 180 005

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

WB-4 0-5

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ANALYTICAL RESULTS SUMMARY

PROJECT NAME: MTA/LIRR East side access-GEC Contract

PB/STV/PTG JOINT VENTURE
469 7TH AVENUE, 14TH FLOOR
NEW YORK, NY 10018
2129041702

CHEMTECH PROJECT NO. **X3286**
ATTENTION: **Romana Narozik**

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/14/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	6/15/2006
Client Sample ID:	WB-4(5)	**SDG No.:**	X3286
Lab Sample ID:	X3286-01	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	7
Sample Wt/Wol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK007072.D	1	6/16/2006	VK061206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	4.5	U	26	4.5	ug/Kg
74-87-3	Chloromethane	4.5	U	26	4.5	ug/Kg
75-01-4	Vinyl chloride	4.3	U	26	4.3	ug/Kg
74-83-9	Bromomethane	11	U	26	11	ug/Kg
75-00-3	Chloroethane	11	U	26	11	ug/Kg
75-69-4	Trichlorofluoromethane	6.6	U	26	6.6	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	3.5	U	26	3.5	ug/Kg
75-35-4	1,1-Dichloroethene	3.0	U	26	3.0	ug/Kg
67-64-1	Acetone	70	JB	130	18	ug/Kg
75-15-0	Carbon disulfide	1.9	U	26	1.9	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.9	U	26	1.9	ug/Kg
79-20-9	Methyl Acetate	4.6	U	26	4.6	ug/Kg
75-09-2	Methylene Chloride	9.6	U	26	9.6	ug/Kg
156-60-5	trans-1,2-Dichloroethene	3.4	U	26	3.4	ug/Kg
75-34-3	1,1-Dichloroethane	1.4	U	26	1.4	ug/Kg
110-82-7	Cyclohexane	1.7	U	26	1.7	ug/Kg
78-93-3	2-Butanone	15	U	130	15	ug/Kg
56-23-5	Carbon Tetrachloride	2.3	U	26	2.3	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.7	U	26	1.7	ug/Kg
67-66-3	Chloroform	1.8	U	26	1.8	ug/Kg
71-55-6	1,1,1-Trichloroethane	2.2	U	26	2.2	ug/Kg
108-87-2	Methylcyclohexane	2.2	U	26	2.2	ug/Kg
71-43-2	Benzene	2.1	U	26	2.1	ug/Kg
107-06-2	1,2-Dichloroethane	1.6	U	26	1.6	ug/Kg
79-01-6	Trichloroethene	1.6	U	26	1.6	ug/Kg
78-87-5	1,2-Dichloropropane	2.1	U	26	2.1	ug/Kg
75-27-4	Bromodichloromethane	1.8	U	26	1.8	ug/Kg
108-10-1	4-Methyl-2-Pentanone	10	U	130	10	ug/Kg
108-88-3	Toluene	2.1	U	26	2.1	ug/Kg
10061-02-6	t-1,3-Dichloropropene	1.9	U	26	1.9	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	1.7	U	26	1.7	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.5	U	26	1.5	ug/Kg

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/14/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	6/15/2006
Client Sample ID:	WB-4(5)	**SDG No.:**	X3286
Lab Sample ID:	X3286-01	**Matrix:**	SOIL
Analytical Method:	8260	**% Moisture:**	7
Sample Wt/Wol:	1.0 Units: g	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VK007072.D	1	6/16/2006	VK061206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	19	U	130	19	ug/Kg
124-48-1	Dibromochloromethane	1.2	U	26	1.2	ug/Kg
106-93-4	1,2-Dibromoethane	2.1	U	26	2.1	ug/Kg
127-18-4	Tetrachloroethene	3.8	U	26	3.8	ug/Kg
108-90-7	Chlorobenzene	1.9	U	26	1.9	ug/Kg
100-41-4	Ethyl Benzene	1.9	U	26	1.9	ug/Kg
126777-61-2	m/p-Xylenes	4.6	U	53	4.6	ug/Kg
95-47-6	o-Xylene	2.0	U	26	2.0	ug/Kg
100-42-5	Styrene	2.4	U	26	2.4	ug/Kg
75-25-2	Bromoform	1.6	U	26	1.6	ug/Kg
98-82-8	Isopropylbenzene	2.2	U	26	2.2	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.6	U	26	1.6	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.9	U	26	2.9	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.9	U	26	2.9	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.0	U	26	2.0	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	5.0	U	26	5.0	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.6	U	26	3.6	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.79	106 %	75 - 125		SPK: 50
1868-53-7	Dibromofluoromethane	55.16	110 %	75 - 125		SPK: 50
2037-26-5	Toluene-d8	59.03	118 %	75 - 125		SPK: 50
460-00-4	4-Bromofluorobenzene	45.74	91 %	75 - 125		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	205960	3.50			
540-36-3	1,4-Difluorobenzene	292869	3.91			
3114-55-4	Chlorobenzene-d5	271244	6.69			
3855-82-1	1,4-Dichlorobenzene-d4	186017	8.97			

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

Chemtech

Summary Sheet
SW-846

SDG No.: X3286 Order ID: X3286

Client: PB/STV/PTG Joint Venture Project ID: PBST01

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	WB-4(5)							
X3286-01	WB-4(5)	SOIL	Acetone	70	JB	130	18	ug/Kg
			Total VOC's:	70.00				
			Total TIC's:	0.00				
			Total VOC's and TIC's:	70.00				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG. Joint Venture	**Date Collected:**	6/14/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	6/15/2006
Client Sample ID:	WB-4(0-5)	**SDG No.:**	X3286
Lab Sample ID:	X3286-02	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	10
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF004226.D	1	6/15/2006	6/16/2006	BF061206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	75	U	370	75	ug/Kg
108-95-2	Phenol	55	U	370	55	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58	U	370	58	ug/Kg
95-57-8	2-Chlorophenol	58	U	370	58	ug/Kg
95-48-7	2-Methylphenol	61	U	370	61	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59	U	370	59	ug/Kg
98-86-2	Acetophenone	54	U	370	54	ug/Kg
106-44-5	3+4-Methylphenols	58	U	370	58	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	61	U	370	61	ug/Kg
67-72-1	Hexachloroethane	62	U	370	62	ug/Kg
98-95-3	Nitrobenzene	80	U	370	80	ug/Kg
78-59-1	Isophorone	55	U	370	55	ug/Kg
88-75-5	2-Nitrophenol	56	U	370	56	ug/Kg
105-67-9	2,4-Dimethylphenol	58	U	370	58	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	60	U	370	60	ug/Kg
120-83-2	2,4-Dichlorophenol	68	U	370	68	ug/Kg
91-20-3	Naphthalene	63	U	370	63	ug/Kg
106-47-8	4-Chloroaniline	44	U	370	44	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	370	56	ug/Kg
105-60-2	Caprolactam	59	U	370	59	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51	U	370	51	ug/Kg
91-57-6	2-Methylnaphthalene	61	U	370	61	ug/Kg
77-47-4	Hexachlorocyclopentadiene	58	U	370	58	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	370	54	ug/Kg
95-95-4	2,4,5-Trichlorophenol	56	U	920	56	ug/Kg
92-52-4	1,1-Biphenyl	60	U	370	60	ug/Kg
91-58-7	2-Chloronaphthalene	61	U	370	61	ug/Kg
88-74-4	2-Nitroaniline	46	U	920	46	ug/Kg
131-11-3	Dimethylphthalate	59	U	370	59	ug/Kg
208-96-8	Acenaphthylene	59	U	370	59	ug/Kg
606-20-2	2,6-Dinitrotoluene	52	U	370	52	ug/Kg

U = Not Detected
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E = Value Exceeds Calibration Range

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N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/14/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	6/15/2006
Client Sample ID:	WB-4(0-5)	**SDG No.:**	X3286
Lab Sample ID:	X3286-02	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	10
Sample Wt/Vol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF004226.D	1	6/15/2006	6/16/2006	BF061206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	48	U	920	48	ug/Kg
83-32-9	Acenaphthene	65	U	370	65	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	920	310	ug/Kg
100-02-7	4-Nitrophenol	45	U	920	45	ug/Kg
132-64-9	Dibenzofuran	61	U	370	61	ug/Kg
121-14-2	2,4-Dinitrotoluene	54	U	370	54	ug/Kg
84-66-2	Diethylphthalate	63	U	370	63	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	370	58	ug/Kg
86-73-7	Fluorene	62	U	370	62	ug/Kg
100-01-6	4-Nitroaniline	63	U	920	63	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	71	U	920	71	ug/Kg
86-30-6	N-Nitrosodiphenylamine	60	U	370	60	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55	U	370	55	ug/Kg
118-74-1	Hexachlorobenzene	59	U	370	59	ug/Kg
1912-24-9	Atrazine	56	U	370	56	ug/Kg
87-86-5	Pentachlorophenol	85	U	920	85	ug/Kg
85-01-8	Phenanthrene	58	U	370	58	ug/Kg
120-12-7	Anthracene	55	U	370	55	ug/Kg
86-74-8	Carbazole	56	U	370	56	ug/Kg
84-74-2	Di-n-butylphthalate	56	U	370	56	ug/Kg
206-44-0	Fluoranthene	54	U	370	54	ug/Kg
129-00-0	Pyrene	65	U	370	65	ug/Kg
85-68-7	Butylbenzylphthalate	59	U	370	59	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	370	63	ug/Kg
56-55-3	Benzo(a)anthracene	51	U	370	51	ug/Kg
218-01-9	Chrysene	66	U	370	66	ug/Kg
117-81-7	bis(2-Ethylhexyl)phthalate	190	J	370	70	ug/Kg
117-84-0	Di-n-octyl phthalate	62	U	370	62	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	370	40	ug/Kg
207-08-9	Benzo(k)fluoranthene	85	J	370	81	ug/Kg
50-32-8	Benzo(a)pyrene	59	U	370	59	ug/Kg

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/14/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	6/15/2006
Client Sample ID:	WB-4(0-5)	**SDG No.:**	X3286
Lab Sample ID:	X3286-02	**Matrix:**	SOIL
Analytical Method:	8270	**% Moisture:**	10
Sample Wt/Wol:	30.1 g	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BF004226.D	1	6/15/2006	6/16/2006	BF061206

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	46	U	370	46	ug/Kg
53-70-3	Dibenz(a,h)anthracene	46	U	370	46	ug/Kg
191-24-2	Benzo(g,h,i)perylene	61	U	370	61	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	114.13	76 %	25 - 121		SPK: 15
13127-88-3	Phenol-d5	119.87	80 %	24 - 113		SPK: 15
4165-60-0	Nitrobenzene-d5	78.52	79 %	23 - 120		SPK: 10
321-60-8	2-Fluorobiphenyl	79.7	80 %	30 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	127.36	85 %	19 - 122		SPK: 15
1718-51-0	Terphenyl-d14	91.55	92 %	18 - 137		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	191320	3.96			
1146-65-2	Naphthalene-d8	707536	5.72			
15067-26-2	Acenaphthene-d10	406543	8.39			
1517-22-2	Phenanthrene-d10	613985	10.71			
1719-03-5	Chrysene-d12	435866	14.88			
1520-96-3	Perylene-d12	360326	16.97			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP2.19	1600	A	2.19		ug/Kg
27519-02-4	9-Tricosene, (Z)-	330	J	15.05		ug/Kg

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N = Presumptive Evidence of a Compound

Chemtech

Hit Summary Report

SDG No.: X3286 **Order ID:** X3286

Client: PB/STV/PTG Joint Venture **Project ID:** MTA/LIRR East side access-GEC Co

Test: SVOCMS Group1

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	WB-4(0-5)							
X3286-02	WB-4(0-5)	SOIL	bis(2-Ethylhexyl)phthalate	190	J	370	70	ug/Kg
X3286-02	WB-4(0-5)	SOIL	Benzo(k)fluoranthene	85	J	370	81	ug/Kg
X3286-02	WB-4(0-5)	SOIL	ACP2.19	* 1600	A	0	0	ug/Kg
X3286-02	WB-4(0-5)	SOIL	9-Tricosene, (Z)-	* 330	J	0	0	ug/Kg
			Total SVOC's:	275.00				
			Total TIC's:	1930.00				
			Total SVOC's and TIC's:	2205.00				

Note: The asterisk "*" flag next to a parameter signifies a TIC parameter.

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Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	6/14/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	6/15/2006
Client Sample ID:	WB-4(0-5)	**SDG No.:**	X3286
Lab Sample ID:	X3286-02	**Matrix:**	SOIL
Analytical Method:	8082	**% Moisture:**	10
Sample Wt/Vol:	15 g	**Extract Vol:**	5000 uL

File ID:	Dilution:	Date Prep	Date Analyzed	Analytical Batch ID
P5003901.D	1	6/16/2006	6/17/2006	P5060706

CAS Number	Parameter	Conc	Qualifier	RL	MDL	Units
TARGETS						
12674-11-2	AROCLOR 1016	2.8	U	19	2.8	ug/Kg
11104-28-2	AROCLOR 1221	4.3	U	19	4.3	ug/Kg
11141-16-5	AROCLOR 1232	6.5	U	19	6.5	ug/Kg
53469-21-9	AROCLOR 1242	5.8	U	19	5.8	ug/Kg
12672-29-6	AROCLOR 1248	2.8	U	19	2.8	ug/Kg
11097-69-1	AROCLOR 1254	1.8	U	19	1.8	ug/Kg
11096-82-5	AROCLOR 1260	4.7	U	19	4.7	ug/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.34	87 %	50 - 132		SPK: 20
2051-24-3	Decachlorobiphenyl	16.8	84 %	58 - 125		SPK: 20

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E = Value Exceeds Calibration Range
J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	**PB/STV/PTG Joint Venture**	**Date Collected:**	**6/14/2006**
Project:	**MTA/LIRR East side a**	**Date Received:**	**6/15/2006**
Client Sample ID:	**WB-4(0-5)**	**SDG No.:**	**X3286**
Lab Sample ID:	**X3286-02**	**Matrix:**	**SOIL**
		% Solids:	**90.00**

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7440-38-2	Arsenic	1.780			mg/Kg	0.436	1	6/16/2006	6/16/2006	EPA SW-846 6010
7440-39-3	Barium	55.3		NE	mg/Kg	0.080	1	6/16/2006	6/16/2006	EPA SW-846 6010
7440-43-9	Cadmium	0.040	J		mg/Kg	0.037	1	6/16/2006	6/16/2006	EPA SW-846 6010
7440-47-3	Chromium	12.8		E	mg/Kg	0.098	1	6/16/2006	6/16/2006	EPA SW-846 6010
7439-92-1	Lead	6.970			mg/Kg	0.320	1	6/16/2006	6/16/2006	EPA SW-846 6010
7439-97-6	Mercury	0.006	U		mg/Kg	0.006	1	6/19/2006	6/20/2006	EPA SW-846 7471
7782-49-2	Selenium	0.379	U		mg/Kg	0.379	1	6/16/2006	6/16/2006	EPA SW-846 6010
7440-22-4	Silver	0.088	U		mg/Kg	0.088	1	6/16/2006	6/16/2006	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

Chemtech Consulting Group

Hit Summary Sheet
SW-846

SDG No.: X3286 **Order ID:** X3286

Client: PB/STV/PTG Joint Venture **Project ID:** MTA/LIRR East side access-GEC

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	WB-4(0-5)							
X3286-02	WB-4(0-5)	SOIL	Arsenic	1.780		1.110	0.436	mg/Kg
X3286-02	WB-4(0-5)	SOIL	Barium	55.3		22.2	0.080	mg/Kg
X3286-02	WB-4(0-5)	SOIL	Cadmium	0.040	J	0.556	0.037	mg/Kg
X3286-02	WB-4(0-5)	SOIL	Chromium	12.8		1.110	0.098	mg/Kg
X3286-02	WB-4(0-5)	SOIL	Lead	6.970		0.556	0.320	mg/Kg

CHAIN OF CUSTODY RECORD

(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

COC Number 059573

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: GEC
ADDRESS: 469 7th Ave 14 Fl
CITY: New York STATE: NY ZIP: 10018
ATTENTION: Romona Navaznik
PHONE: 212 643-2412 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: ESA
PROJECT NO.: LOCATION: Sunnyside
PROJECT MANAGER: Romona Navaznik
e-mail: rnavazni@mte-esa.com
PHONE: 212-643-2412 FAX:

CLIENT BILLING INFORMATION

BILL TO: GEC PO#:
ADDRESS: 469 7th Ave 14 Fl
CITY: New York STATE: NY ZIP: 10018
ATTENTION: R. Navaznik PHONE:

DATA TURNAROUND INFORMATION

FAX: _____ DAYS *
HARD COPY: ✓ _____ DAYS *
EDD: ✓ _____ DAYS *
* TO BE APPROVED BY CHEMTECH
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☒ RESULTS ONLY
- ☐ RESULTS + QC
- ☐ New Jersey REDUCED
- ☐ New Jersey CLP
- ☐ EDD FORMAT _____
- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other _____

ANALYSIS

1 TCL VOCs
2 TCL SVOCs
3 PCBs
4 RCRA Metals
5
6
7
8
9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	WB-4 (5')	Soil		X	6/14	1730	1	X									
2.	WB-4 (0-5')	Soil	X		6/14	1730	1		X	X	X						
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

PRESERVATIVES: 1 2 3 4 5 6 7 8 9

← Specify Preservatives
A – HCl B – HNO_3
C – H_2SO_4 D – NaOH
E – ICE F – Other

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. Romona Navaz	6/14/06	1.
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:
2.		2.
RELINQUISHED BY:	DATE/TIME: 950	RECEIVED FOR LAB BY:
3. Fedex	6/15/06	3. Jim Munoz

Conditions of bottles or coolers at receipt: ☑ Compliant ☐ Non Compliant
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments:

Cooler Temp. 20 C
Ice in Cooler?: Yes

Page 1 of 1

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☒ OVERNIGHT
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

Shipment Complete: ☑ YES ☐ NO

Revision 4/2005

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

WB-4(10-12)

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 (908) 789-8900 Fax: (908) 789-8922 www.chemtech.net

Sample ID	WB-4(12)
Lab Sample Number	X3345-01
Sampling Date	06/15/06
Matrix	SOIL
Dilution Factor	1.0
Units	ug/Kg

COMPOUND	CAS #	
Dichlorodifluoromethane	75-71-8	5.4 U
Chloromethane	74-87-3	5.4 U
Vinyl Chloride	75-01-4	5.2 U
Bromomethane	74-83-9	13 U
Chloroethane	75-00-3	13 U
Trichlorofluoromethane	75-69-4	7.9 U
1,1,2-Trichlorotrifluoroethane	76-13-1	4.2 U
1,1-Dichloroethene	75-35-4	3.6 U
Acetone	67-64-1	71 J
Carbon Disulfide	75-15-0	2.3 U
Methyl tert-butyl Ether	1634-04-4	2.3 U
Methyl Acetate	79-20-9	5.4 U
Methylene Chloride	75-09-2	11 U
trans-1,2-Dichloroethene	156-60-5	4.0 U
1,1-Dichloroethane	75-34-3	1.7 U
Cyclohexane	110-82-7	2.0 U
2-Butanone	78-93-3	18 U
Carbon Tetrachloride	56-23-5	2.8 U
cis-1,2-Dichloroethene	156-59-2	2.0 U
Chloroform	67-66-3	2.2 U
1,1,1-Trichloroethane	71-55-6	2.6 U
Methylcyclohexane	108-87-2	2.6 U
Benzene	71-43-2	2.5 U
1,2-Dichloroethane	107-06-2	1.9 U
Trichloroethene	79-01-6	1.9 U
1,2-Dichloropropane	78-87-5	2.5 U
Bromodichloromethane	75-27-4	2.1 U
4-Methyl-2-Pentanone	108-10-1	12 U
Toluene	108-88-3	2.6 U
t-1,3-Dichloropropene	10061-02-6	2.3 U
cis-1,3-Dichloropropene	10061-01-5	2.1 U
1,1,2-Trichloroethane	79-00-5	1.9 U
2-Hexanone	591-78-6	23 U
Dibromochloromethane	124-48-1	1.4 U
1,2-Dibromoethane	106-93-4	2.5 U
Tetrachloroethene	127-18-4	4.6 U
Chlorobenzene	108-90-7	2.3 U
Ethyl Benzene	100-41-4	2.2 U
m/p-Xylenes	126777-61-2	5.4 U
o-Xylene	95-47-6	2.4 U
Styrene	100-42-5	2.9 U
Bromoform	75-25-2	2.0 U
Isopropylbenzene	98-82-8	2.6 U
1,1,2,2-Tetrachloroethane	79-34-5	2.0 U
1,3-Dichlorobenzene	541-73-1	3.5 U
1,4-Dichlorobenzene	106-46-7	3.4 U
1,2-Dichlorobenzene	95-50-1	2.4 U
1,2-Dibromo-3-Chloropropane	96-12-8	5.9 U
1,2,4-Trichlorobenzene	120-82-1	4.3 U

Total Confident Conc. VOC	71
Total TICs	0

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

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 (908) 789-8900 Fax: (908) 789-8922 www.chemt

Sample ID	WB-4(10-12)
Lab Sample Number	X3345-02
Sampling Date	06/15/06
Matrix	SOIL
Dilution Factor	1.0
Units	ug/Kg

COMPOUND	CAS #	
Benzaldehyde	100-52-7	85 U
Phenol	108-95-2	62 U
bis(2-Chloroethyl)ether	111-44-4	65 U
2-Chlorophenol	95-57-8	66 U
2-Methylphenol	95-48-7	69 U
2,2-oxybis(1-Chloropropane)	108-60-1	66 U
Acetophenone	98-86-2	60 U
3+4-Methylphenols	106-44-5	65 U
N-Nitroso-di-n-propylamine	621-64-7	68 U
Hexachloroethane	67-72-1	70 U
Nitrobenzene	98-95-3	90 U
Isophorone	78-59-1	62 U
2-Nitrophenol	88-75-5	63 U
2,4-Dimethylphenol	105-67-9	65 U
bis(2-Chloroethoxy)methane	111-91-1	68 U
2,4-Dichlorophenol	120-83-2	76 U
Naphthalene	91-20-3	70 U
4-Chloroaniline	106-47-8	49 U
Hexachlorobutadiene	87-68-3	63 U
Caprolactam	105-60-2	66 U
4-Chloro-3-methylphenol	59-50-7	57 U
2-Methylnaphthalene	91-57-6	69 U
Hexachlorocyclopentadiene	77-47-4	66 U
2,4,6-Trichlorophenol	88-06-2	61 U
2,4,5-Trichlorophenol	95-95-4	63 U
1,1-Biphenyl	92-52-4	68 U
2-Chloronaphthalene	91-58-7	68 U
2-Nitroaniline	88-74-4	52 U
Dimethylphthalate	131-11-3	66 U
Acenaphthylene	208-96-8	67 U
2,6-Dinitrotoluene	606-20-2	58 U
3-Nitroaniline	99-09-2	54 U
Acenaphthene	83-32-9	73 U
2,4-Dinitrophenol	51-28-5	350 U
4-Nitrophenol	100-02-7	51 U
Dibenzofuran	132-64-9	68 U
2,4-Dinitrotoluene	121-14-2	61 U
Diethylphthalate	84-66-2	71 U
4-Chlorophenyl-phenylether	7005-72-3	65 U
Fluorene	86-73-7	70 U
4-Nitroaniline	100-01-6	70 U
4,6-Dinitro-2-methylphenol	534-52-1	80 U
N-Nitrosodiphenylamine	86-30-6	68 U
4-Bromophenyl-phenylether	101-55-3	62 U
Hexachlorobenzene	118-74-1	66 U
Atrazine	1912-24-9	63 U
Pentachlorophenol	87-86-5	95 U
Phenanthrene	85-01-8	410 J
Anthracene	120-12-7	140 J

Carbazole	86-74-8	63 U
Di-n-butylphthalate	84-74-2	63 U
Fluoranthene	206-44-0	380 J
Pyrene	129-00-0	330 J
Butylbenzylphthalate	85-68-7	67 U
3,3-Dichlorobenzidine	91-94-1	71 U
Benzo(a)anthracene	56-55-3	170 J
Chrysene	218-01-9	150 J
bis(2-Ethylhexyl)phthalate	117-81-7	79 U
Di-n-octyl phthalate	117-84-0	70 U
Benzo(b)fluoranthene	205-99-2	120 J
Benzo(k)fluoranthene	207-08-9	91 U
Benzo(a)pyrene	50-32-8	110 J
Indeno(1,2,3-cd)pyrene	193-39-5	79 J
Dibenz(a,h)anthracene	53-70-3	52 U
Benzo(g,h,i)perylene	191-24-2	68 U

Total Confident Conc. SVOC	1889
Total TICs	2190

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

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 (908) 789-8900 Fax: (908) 789-8922 www.chemt

Sample ID	**WB-4(10-12)**
Lab Sample Number	**X3345-02**
Sampling Date	**06/15/06**
Matrix	**SOIL**
Dilution Factor	**1.0**
Units	**ug/Kg**

COMPOUND	CAS #	
Aroclor-1016	12674-11-2	3.1 U
Aroclor-1221	11104-28-2	4.9 U
Aroclor-1232	11141-16-5	7.3 U
Aroclor-1242	53469-21-9	6.5 U
Aroclor-1248	12672-29-6	3.2 U
Aroclor-1254	11097-69-1	2.1 U
Aroclor-1260	11096-82-5	5.2 U

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

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 (908) 789-8900 Fax: (908) 789-8922 www.chemt

Sample ID	**WB-4(10-12)**
Lab Sample Number	**X3345-02**
Sampling Date	**06/15/06**
Matrix	**SOIL**
Dilution Factor	**1.0**
Units	**mg/Kg**

COMPOUND	CAS #	
Arsenic	7440-38-2	0.572 J
Barium	7440-39-3	13.9 J
Cadmium	7440-43-9	0.041 U
Chromium	7440-47-3	7.690
Lead	7439-92-1	0.800
Selenium	7782-49-2	0.425 U
Silver	7440-22-4	0.099 U

Qualifiers

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

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

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

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

NR - Not analyzed

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 (908) 789-8900 Fax: (908) 789-8922 www.chemt

Sample ID	**WB-4(10-12)**
Lab Sample Number	**X3345-02**
Sampling Date	**06/15/06**
Matrix	**SOIL**
Dilution Factor	**1.0**
Units	**mg/Kg**

COMPOUND	CAS #	
Mercury	7439-97-6	0.007 U

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

APPENDIX C

AMRO Environmental Laboratories Corp.

Date: *31-Oct-03*

CLIENT: STV Incorporated
Project: 10730 ESA
Lab Order: 0310126
Date Received: 10/16/03

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Collection Date
0310126-01A	SY - 135W	10/16/03
0310126-01B	SY - 135W	10/16/03
0310126-01C	SY - 135W	10/16/03
0310126-01D	SY - 135W	10/16/03
0310126-02A	Trip Blank	10/16/03

AMRO Environmental Laboratories Corp. **Date:** *31-Oct-03*

CLIENT: STV Incorporated
Project: 10730 ESA
Lab Order: 0310126

CASE NARRATIVE

Samples were analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition

All method blanks, laboratory spikes, and/or matrix spikes met quality assurance objectives.

AMRO Environmental Laboratories Corp.

31-Oct-03

Lab Order: 0310126
Client: STV Incorporated
Project: 10730 ESA

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Analytical Test Name / Preparatory Test Name	Prep Date	Analysis Date / Batch ID	TCLP Date
0310126-01A	SY - 135W	10/16/03	Groundwater	EPA 6010B ICP METALS, DISSOLVED		10/22/03	
				EPA 3010 AQPREP TOTAL METALS: ICP/GFAA	10/22/03	10353	
				EPA 7060 ARSENIC, Dissolved		10/24/03	
					10/22/03	10387	
				EPA 7421 LEAD, Dissolved		10/24/03	
					10/22/03	10388	
				EPA 7470 MERCURY, Dissolved		10/24/03	
				MERCURY PREP: EPA 245.1/7040	10/24/03	10376	
				EPA 7740 SELENIUM, Dissolved		10/24/03	
				EPA 3010 AQPREP TOTAL METALS: ICP/GFAA	10/22/03	10389	
				EPA 7841 THALLIUM, Dissolved		10/24/03	
					10/22/03	10390	
0310126-01B				EPA 7060 ARSENIC, Total		10/24/03	
					10/22/03	10387	
				EPA 7421 LEAD, Total		10/24/03	
					10/22/03	10388	
				EPA 7470 MERCURY, Total		10/24/03	
				MERCURY PREP: EPA 245.1/7040	10/24/03	10376	
				EPA 7740 SELENIUM, Total		10/24/03	
				EPA 3010 AQPREP TOTAL METALS: ICP/GFAA	10/22/03	10389	
				EPA 7841 THALLIUM, Total		10/24/03	
					10/22/03	10390	
				ICP METALS, TOTAL		10/22/03	
					10/22/03	10353	

AMRO Environmental Laboratories Corp.

31-Oct-03

Lab Order: 0310126
Client: STV Incorporated
Project: 10730 ESA

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Analytical Test Name / Preparatory Test Name	Prep Date	Analysis Date / Batch ID	TCLP Date
0310126-01C	SY - 135W	10/16/03	Groundwater	EPA 8260B VOLATILES by GC/MS		10/25/03	
				EPA 5030B	10/25/03	R21231	
0310126-01D				EPA 8270C SEMIVOLATILE ORGANICS, Aqueous		10/24/03	
				EPA 3510 AQPREP SEP FUNNEL: BNA	10/23/03	10375	
0310126-02A	Trip Blank			EPA 8260B VOLATILES by GC/MS		10/25/03	
				EPA 5030B	10/25/03	R21231	

DATA COMMENT PAGE

Organic Data Qualifiers

ND	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 the method detection limit.
H	Method prescribed holding time exceeded.
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
B	This flag is used when the analyte is found in the associated blank as well as in the sample.
R	RPD outside accepted recovery limits
RL	Reporting limit; defined as the lowest concentration the laboratory can accurately quantitate.
S	Spike Recovery outside accepted recovery limits.
#	See Case Narrative

Inorganic Data Qualifiers

ND or	Indicates element was analyzed for, but not detected at or above the reporting limit.
J	Indicates a value greater than or equal to the method detection limit, but less than the quantitation limit.
H	Indicates analytical holding time exceedance.
B	Indicates that the analyte is found in the associated blank, as well as in the sample.
MSA	Indicates value determined by the Method of Standard Addition
E	This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
R	RPD outside accepted recovery limits
RL	Reporting limit; defined as the lowest concentration the laboratory can accurately quantitate.
S	Spike Recovery outside accepted recovery limits.
+	Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995
#	See Case Narrative

Report Comments:

1. Soil, sediment and sludge sample results are reported on a "dry weight" basis.
2. Reporting limits are adjusted for sample size used, dilutions and moisture content, if applicable.

AMRO Environmental Laboratories Corp.

Date: *31-Oct-03*

CLIENT:	STV Incorporated	**Client Sample ID:**	SY - 135W
Lab Order:	0310126		
Project:	10730 ESA	**Collection Date:**	10/16/03
Lab ID:	0310126-01A	**Matrix:**	GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS DISSOLVED SW-846		**SW6010B**				Analyst: **SJC**
Aluminum	ND	200		µg/L	1	10/22/03 7:54:38 PM
Antimony	ND	20		µg/L	1	10/22/03 7:54:38 PM
Barium	ND	200		µg/L	1	10/22/03 7:54:38 PM
Beryllium	ND	5.0		µg/L	1	10/22/03 7:54:38 PM
Cadmium	ND	5.0		µg/L	1	10/22/03 7:54:38 PM
Calcium	20,000	2,500		µg/L	1	10/22/03 7:54:38 PM
Chromium	ND	10		µg/L	1	10/22/03 7:54:38 PM
Cobalt	ND	50		µg/L	1	10/22/03 7:54:38 PM
Copper	30	25		µg/L	1	10/22/03 7:54:38 PM
Iron	ND	100		µg/L	1	10/22/03 7:54:38 PM
Magnesium	6,500	2,500		µg/L	1	10/22/03 7:54:38 PM
Manganese	17	15		µg/L	1	10/22/03 7:54:38 PM
Nickel	ND	40		µg/L	1	10/22/03 7:54:38 PM
Potassium	6,700	2,500		µg/L	1	10/22/03 7:54:38 PM
Silver	ND	7.0		µg/L	1	10/22/03 7:54:38 PM
Sodium	14,000	2,500		µg/L	1	10/22/03 7:54:38 PM
Vanadium	ND	50		µg/L	1	10/22/03 7:54:38 PM
Zinc	62	20		µg/L	1	10/22/03 7:54:38 PM
ARSENIC, DISSOLVED		**SW7060A**				Analyst: **APL**
Arsenic	ND	5.0		µg/L	1	10/24/03 5:01:17 PM
MERCURY, DISSOLVED		**SW7470A**				Analyst: **RK**
Mercury	ND	0.20		µg/L	1	10/24/03 1:10:22 PM
LEAD, DISSOLVED		**SW7421**				Analyst: **APL**
Lead	ND	5.0		µg/L	1	10/24/03 5:01:17 PM
SELENIUM, DISSOLVED		**SW7740**				Analyst: **APL**
Selenium	ND	5.0		µg/L	1	10/24/03 5:01:17 PM
THALLIUM, DISSOLVED		**SW7841**				Analyst: **APL**
Thallium	ND	5.0		µg/L	1	10/24/03 5:01:17 PM

AMRO Environmental Laboratories Corp.

Date: *31-Oct-03*

CLIENT:	STV Incorporated	**Client Sample ID:**	SY - 135W
Lab Order:	0310126		
Project:	10730 ESA	**Collection Date:**	10/16/03
Lab ID:	0310126-01B	**Matrix:**	GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS TOTAL SW-846		**SW6010B**				Analyst: **SJC**
Aluminum	1,400	200		µg/L	1	10/22/03 7:59:45 PM
Antimony	ND	20		µg/L	1	10/22/03 7:59:45 PM
Barium	ND	200		µg/L	1	10/22/03 7:59:45 PM
Beryllium	ND	5.0		µg/L	1	10/22/03 7:59:45 PM
Cadmium	ND	5.0		µg/L	1	10/22/03 7:59:45 PM
Calcium	21,000	2,500		µg/L	1	10/22/03 7:59:45 PM
Chromium	ND	10		µg/L	1	10/22/03 7:59:45 PM
Cobalt	ND	50		µg/L	1	10/22/03 7:59:45 PM
Copper	45	25		µg/L	1	10/22/03 7:59:45 PM
Iron	4,100	100		µg/L	1	10/22/03 7:59:45 PM
Magnesium	7,200	2,500		µg/L	1	10/22/03 7:59:45 PM
Manganese	2,700	15		µg/L	1	10/22/03 7:59:45 PM
Nickel	ND	40		µg/L	1	10/22/03 7:59:45 PM
Potassium	6,800	2,500		µg/L	1	10/22/03 7:59:45 PM
Silver	ND	7.0		µg/L	1	10/22/03 7:59:45 PM
Sodium	14,000	2,500		µg/L	1	10/22/03 7:59:45 PM
Vanadium	ND	50		µg/L	1	10/22/03 7:59:45 PM
Zinc	140	20		µg/L	1	10/22/03 7:59:45 PM
ARSENIC, TOTAL		**SW7060A**				Analyst: **APL**
Arsenic	ND	5.0		µg/L	1	10/24/03 5:09:27 PM
MERCURY, TOTAL		**SW7470A**				Analyst: **RK**
Mercury	ND	0.20		µg/L	1	10/24/03 1:14:21 PM
LEAD, TOTAL		**SW7421**				Analyst: **APL**
Lead	15	5.0		µg/L	1	10/24/03 5:09:27 PM
SELENIUM, TOTAL		**SW7740**				Analyst: **APL**
Selenium	ND	5.0		µg/L	1	10/24/03 5:09:27 PM
THALLIUM, TOTAL		**SW7841**				Analyst: **APL**
Thallium	ND	5.0		µg/L	1	10/24/03 5:09:27 PM

AMRO Environmental Laboratories Corp.

Date: *31-Oct-03*

CLIENT:	STV Incorporated	**Client Sample ID:**	SY - 135W
Lab Order:	0310126		
Project:	10730 ESA	**Collection Date:**	10/16/03
Lab ID:	0310126-01C	**Matrix:**	GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260 VOLATILES BY GC/MS		**SW8260B**				Analyst: **SK**
Dichlorodifluoromethane	ND	5.0		µg/L	1	10/25/03 11:46:00 AM
Chloromethane	ND	5.0		µg/L	1	10/25/03 11:46:00 AM
Vinyl chloride	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
Chloroethane	ND	5.0		µg/L	1	10/25/03 11:46:00 AM
Bromomethane	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
Trichlorofluoromethane	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
Diethyl ether	ND	5.0		µg/L	1	10/25/03 11:46:00 AM
Acetone	ND	10		µg/L	1	10/25/03 11:46:00 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	10/25/03 11:46:00 AM
Carbon disulfide	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
Methylene chloride	ND	5.0		µg/L	1	10/25/03 11:46:00 AM
Methyl tert-butyl ether	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
1,1-Dichloroethane	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
2-Butanone	ND	10		µg/L	1	10/25/03 11:46:00 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
Chloroform	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
Tetrahydrofuran	ND	10		µg/L	1	10/25/03 11:46:00 AM
Bromochloromethane	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
1,1-Dichloropropene	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
Carbon tetrachloride	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
1,2-Dichloroethane	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
Benzene	ND	1.0		µg/L	1	10/25/03 11:46:00 AM
Trichloroethene	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
1,2-Dichloropropane	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
Bromodichloromethane	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
Dibromomethane	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	10/25/03 11:46:00 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/25/03 11:46:00 AM
Toluene	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/25/03 11:46:00 AM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
1,2-Dibromoethane	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
2-Hexanone	ND	10		µg/L	1	10/25/03 11:46:00 AM
1,3-Dichloropropane	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
Tetrachloroethene	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
Dibromochloromethane	ND	2.0		µg/L	1	10/25/03 11:46:00 AM

AMRO Environmental Laboratories Corp.

Date: *31-Oct-03*

CLIENT: STV Incorporated
Lab Order: 0310126
Project: 10730 ESA
Lab ID: 0310126-01C

Client Sample ID: SY - 135W
Collection Date: 10/16/03
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
Ethylbenzene	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
m,p-Xylene	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
o-Xylene	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
Styrene	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
Bromoform	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
Isopropylbenzene	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
Bromobenzene	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
n-Propylbenzene	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
2-Chlorotoluene	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
4-Chlorotoluene	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
tert-Butylbenzene	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
sec-Butylbenzene	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
4-Isopropyltoluene	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
n-Butylbenzene	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	10/25/03 11:46:00 AM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
Naphthalene	ND	5.0		µg/L	1	10/25/03 11:46:00 AM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	10/25/03 11:46:00 AM
Surr: Dibromofluoromethane	100	85-120		%REC	1	10/25/03 11:46:00 AM
Surr: 1,2-Dichloroethane-d4	95.3	80-124		%REC	1	10/25/03 11:46:00 AM
Surr: Toluene-d8	97.4	82-112		%REC	1	10/25/03 11:46:00 AM
Surr: 4-Bromofluorobenzene	93.2	77-117		%REC	1	10/25/03 11:46:00 AM

AMRO Environmental Laboratories Corp.

Date: *31-Oct-03*

CLIENT:	STV Incorporated	**Client Sample ID:**	Trip Blank
Lab Order:	0310126		
Project:	10730 ESA	**Collection Date:**	10/16/03
Lab ID:	0310126-02A	**Matrix:**	GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8260 VOLATILES BY GC/MS		**SW8260B**				Analyst: **SK**
Dichlorodifluoromethane	ND	5.0		µg/L	1	10/25/03 10:37:00 AM
Chloromethane	ND	5.0		µg/L	1	10/25/03 10:37:00 AM
Vinyl chloride	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
Chloroethane	ND	5.0		µg/L	1	10/25/03 10:37:00 AM
Bromomethane	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
Trichlorofluoromethane	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
Diethyl ether	ND	5.0		µg/L	1	10/25/03 10:37:00 AM
Acetone	ND	10		µg/L	1	10/25/03 10:37:00 AM
1,1-Dichloroethene	ND	1.0		µg/L	1	10/25/03 10:37:00 AM
Carbon disulfide	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
Methylene chloride	ND	5.0		µg/L	1	10/25/03 10:37:00 AM
Methyl tert-butyl ether	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
trans-1,2-Dichloroethene	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
1,1-Dichloroethane	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
2-Butanone	ND	10		µg/L	1	10/25/03 10:37:00 AM
2,2-Dichloropropane	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
cis-1,2-Dichloroethene	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
Chloroform	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
Tetrahydrofuran	ND	10		µg/L	1	10/25/03 10:37:00 AM
Bromochloromethane	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
1,1,1-Trichloroethane	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
1,1-Dichloropropene	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
Carbon tetrachloride	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
1,2-Dichloroethane	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
Benzene	ND	1.0		µg/L	1	10/25/03 10:37:00 AM
Trichloroethene	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
1,2-Dichloropropane	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
Bromodichloromethane	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
Dibromomethane	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
4-Methyl-2-pentanone	ND	10		µg/L	1	10/25/03 10:37:00 AM
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/25/03 10:37:00 AM
Toluene	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/25/03 10:37:00 AM
1,1,2-Trichloroethane	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
1,2-Dibromoethane	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
2-Hexanone	ND	10		µg/L	1	10/25/03 10:37:00 AM
1,3-Dichloropropane	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
Tetrachloroethene	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
Dibromochloromethane	ND	2.0		µg/L	1	10/25/03 10:37:00 AM

AMRO Environmental Laboratories Corp.

Date: *31-Oct-03*

CLIENT:	STV Incorporated	**Client Sample ID:**	Trip Blank
Lab Order:	0310126		
Project:	10730 ESA	**Collection Date:**	10/16/03
Lab ID:	0310126-02A	**Matrix:**	GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Chlorobenzene	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
1,1,1,2-Tetrachloroethane	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
Ethylbenzene	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
m,p-Xylene	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
o-Xylene	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
Styrene	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
Bromoform	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
Isopropylbenzene	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
Bromobenzene	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
n-Propylbenzene	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
2-Chlorotoluene	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
4-Chlorotoluene	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
1,3,5-Trimethylbenzene	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
tert-Butylbenzene	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
1,2,4-Trimethylbenzene	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
sec-Butylbenzene	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
4-Isopropyltoluene	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
1,3-Dichlorobenzene	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
1,4-Dichlorobenzene	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
n-Butylbenzene	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
1,2-Dichlorobenzene	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
1,2-Dibromo-3-chloropropane	ND	5.0		µg/L	1	10/25/03 10:37:00 AM
1,2,4-Trichlorobenzene	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
Hexachlorobutadiene	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
Naphthalene	ND	5.0		µg/L	1	10/25/03 10:37:00 AM
1,2,3-Trichlorobenzene	ND	2.0		µg/L	1	10/25/03 10:37:00 AM
Surr: Dibromofluoromethane	101	85-120		%REC	1	10/25/03 10:37:00 AM
Surr: 1,2-Dichloroethane-d4	91.7	80-124		%REC	1	10/25/03 10:37:00 AM
Surr: Toluene-d8	97.8	82-112		%REC	1	10/25/03 10:37:00 AM
Surr: 4-Bromofluorobenzene	91.2	77-117		%REC	1	10/25/03 10:37:00 AM

AMRO Environmental Laboratories Corp.

Date: *31-Oct-03*

CLIENT:	STV Incorporated	**Client Sample ID:**	SY - 135W
Lab Order:	0310126		
Project:	10730 ESA	**Collection Date:**	10/16/03
Lab ID:	0310126-01D	**Matrix:**	GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8270 SEMIVOLATILE ORGANICS		**SW8270C**				Analyst: **KD**
Phenol	ND	10		µg/L	1	10/24/03 4:41:00 PM
Bis(2-chloroethyl)ether	ND	10		µg/L	1	10/24/03 4:41:00 PM
2-Chlorophenol	ND	10		µg/L	1	10/24/03 4:41:00 PM
1,3-Dichlorobenzene	ND	10		µg/L	1	10/24/03 4:41:00 PM
1,4-Dichlorobenzene	ND	10		µg/L	1	10/24/03 4:41:00 PM
Benzyl alcohol	ND	21		µg/L	1	10/24/03 4:41:00 PM
2-Methylphenol	ND	10		µg/L	1	10/24/03 4:41:00 PM
1,2-Dichlorobenzene	ND	10		µg/L	1	10/24/03 4:41:00 PM
Bis(2-chloroisopropyl)ether	ND	10		µg/L	1	10/24/03 4:41:00 PM
4-Methylphenol	ND	10		µg/L	1	10/24/03 4:41:00 PM
N-Nitrosodi-n-propylamine	ND	10		µg/L	1	10/24/03 4:41:00 PM
Hexachloroethane	ND	10		µg/L	1	10/24/03 4:41:00 PM
Nitrobenzene	ND	10		µg/L	1	10/24/03 4:41:00 PM
Isophorone	ND	10		µg/L	1	10/24/03 4:41:00 PM
2,4-Dimethylphenol	ND	10		µg/L	1	10/24/03 4:41:00 PM
Benzoic acid	ND	21		µg/L	1	10/24/03 4:41:00 PM
2-Nitrophenol	ND	10		µg/L	1	10/24/03 4:41:00 PM
Bis(2-chloroethoxy)methane	ND	10		µg/L	1	10/24/03 4:41:00 PM
2,4-Dichlorophenol	ND	10		µg/L	1	10/24/03 4:41:00 PM
1,2,4-Trichlorobenzene	ND	10		µg/L	1	10/24/03 4:41:00 PM
Naphthalene	ND	10		µg/L	1	10/24/03 4:41:00 PM
4-Chloroaniline	ND	10		µg/L	1	10/24/03 4:41:00 PM
Hexachlorobutadiene	ND	10		µg/L	1	10/24/03 4:41:00 PM
4-Chloro-3-methylphenol	ND	21		µg/L	1	10/24/03 4:41:00 PM
2-Methylnaphthalene	ND	10		µg/L	1	10/24/03 4:41:00 PM
Hexachlorocyclopentadiene	ND	10		µg/L	1	10/24/03 4:41:00 PM
2,4,6-Trichlorophenol	ND	10		µg/L	1	10/24/03 4:41:00 PM
2,4,5-Trichlorophenol	ND	10		µg/L	1	10/24/03 4:41:00 PM
2-Chloronaphthalene	ND	10		µg/L	1	10/24/03 4:41:00 PM
2-Nitroaniline	ND	21		µg/L	1	10/24/03 4:41:00 PM
Dimethyl phthalate	ND	10		µg/L	1	10/24/03 4:41:00 PM
2,6-Dinitrotoluene	ND	10		µg/L	1	10/24/03 4:41:00 PM
Acenaphthylene	ND	10		µg/L	1	10/24/03 4:41:00 PM
3-Nitroaniline	ND	21		µg/L	1	10/24/03 4:41:00 PM
4-Nitrophenol	ND	21		µg/L	1	10/24/03 4:41:00 PM
2,4-Dinitrophenol	ND	21		µg/L	1	10/24/03 4:41:00 PM
Acenaphthene	ND	10		µg/L	1	10/24/03 4:41:00 PM
2,4-Dinitrotoluene	ND	10		µg/L	1	10/24/03 4:41:00 PM
Dibenzofuran	ND	10		µg/L	1	10/24/03 4:41:00 PM

AMRO Environmental Laboratories Corp.

Date: *31-Oct-03*

CLIENT: STV Incorporated
Client Sample ID: SY - 135W
Lab Order: 0310126
Project: 10730 ESA
Collection Date: 10/16/03
Lab ID: 0310126-01D
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Diethyl phthalate	21	10		µg/L	1	10/24/03 4:41:00 PM
4-Chlorophenyl phenyl ether	ND	10		µg/L	1	10/24/03 4:41:00 PM
Fluorene	ND	10		µg/L	1	10/24/03 4:41:00 PM
4-Nitroaniline	ND	21		µg/L	1	10/24/03 4:41:00 PM
4,6-Dinitro-2-methylphenol	ND	21		µg/L	1	10/24/03 4:41:00 PM
N-Nitrosodiphenylamine	ND	10		µg/L	1	10/24/03 4:41:00 PM
1,2-Diphenylhydrazine (as Azobenzene)	ND	10		µg/L	1	10/24/03 4:41:00 PM
4-Bromophenyl phenyl ether	ND	10		µg/L	1	10/24/03 4:41:00 PM
Hexachlorobenzene	ND	10		µg/L	1	10/24/03 4:41:00 PM
Pentachlorophenol	ND	21		µg/L	1	10/24/03 4:41:00 PM
Phenanthrene	ND	10		µg/L	1	10/24/03 4:41:00 PM
Anthracene	ND	10		µg/L	1	10/24/03 4:41:00 PM
Carbazole	ND	10		µg/L	1	10/24/03 4:41:00 PM
Di-n-butyl phthalate	ND	10		µg/L	1	10/24/03 4:41:00 PM
Fluoranthene	ND	10		µg/L	1	10/24/03 4:41:00 PM
Pyrene	ND	10		µg/L	1	10/24/03 4:41:00 PM
Butyl benzyl phthalate	ND	10		µg/L	1	10/24/03 4:41:00 PM
Bis(2-ethylhexyl)phthalate	ND	10		µg/L	1	10/24/03 4:41:00 PM
3,3'-Dichlorobenzidine	ND	10		µg/L	1	10/24/03 4:41:00 PM
Benz(a)anthracene	ND	10		µg/L	1	10/24/03 4:41:00 PM
Chrysene	ND	10		µg/L	1	10/24/03 4:41:00 PM
Di-n-octyl phthalate	ND	10		µg/L	1	10/24/03 4:41:00 PM
Benzo(b)fluoranthene	ND	10		µg/L	1	10/24/03 4:41:00 PM
Benzo(k)fluoranthene	ND	10		µg/L	1	10/24/03 4:41:00 PM
Benzo(a)pyrene	ND	10		µg/L	1	10/24/03 4:41:00 PM
Dibenz(a,h)anthracene	ND	10		µg/L	1	10/24/03 4:41:00 PM
Indeno(1,2,3-cd)pyrene	ND	10		µg/L	1	10/24/03 4:41:00 PM
Benzo(g,h,i)perylene	ND	10		µg/L	1	10/24/03 4:41:00 PM
Surr: 2-Fluorophenol	44.5	21-76		%REC	1	10/24/03 4:41:00 PM
Surr: Phenol-d5	29.1	15-50		%REC	1	10/24/03 4:41:00 PM
Surr: Nitrobenzene-d5	69.7	38-118		%REC	1	10/24/03 4:41:00 PM
Surr: 2-Fluorobiphenyl	74.7	39-109		%REC	1	10/24/03 4:41:00 PM
Surr: 2,4,6-Tribromophenol	78.2	45-124		%REC	1	10/24/03 4:41:00 PM
Surr: 4-Terphenyl-d14	75.0	39-128		%REC	1	10/24/03 4:41:00 PM

S4-178W

CHEMTECH 284 Sheffield Street • Mountainside, NJ 07092 Phone: 908.789.8900 Fax: 908.789.8922

ANALYTICAL RESULTS SUMMARY

PROJECT NAME: MTA/LIRR East side access-GEC Contract

PB/STV/PTG JOINT VENTURE
469 7TH AVENUE, 14TH FLOOR
NEW YORK, NY 10018
2129041702

CHEMTECH PROJECT NO. **X4163**
ATTENTION: **Romana Narozik**

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	8/16/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	8/17/2006
Client Sample ID:	SY-178W	**SDG No.:**	X4163
Lab Sample ID:	X4163-01	**Matrix:**	WATER
Analytical Method:	8260	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH009110.D	1	8/28/2006	VH082406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.17	U	5.0	0.17	ug/L
74-87-3	Chloromethane	0.34	U	5.0	0.34	ug/L
75-01-4	Vinyl chloride	0.33	U	5.0	0.33	ug/L
74-83-9	Bromomethane	0.41	U	5.0	0.41	ug/L
75-00-3	Chloroethane	0.83	U	5.0	0.83	ug/L
75-69-4	Trichlorofluoromethane	0.22	U	5.0	0.22	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	1.3	U	5.0	1.3	ug/L
75-35-4	1,1-Dichloroethene	0.42	U	5.0	0.42	ug/L
67-64-1	Acetone	2.3	U	25	2.3	ug/L
75-15-0	Carbon disulfide	0.40	U	5.0	0.40	ug/L
1634-04-4	Methyl tert-butyl Ether	0.28	U	5.0	0.28	ug/L
79-20-9	Methyl Acetate	0.20	U	5.0	0.20	ug/L
75-09-2	Methylene Chloride	0.43	U	5.0	0.43	ug/L
156-60-5	trans-1,2-Dichloroethene	0.40	U	5.0	0.40	ug/L
75-34-3	1,1-Dichloroethane	0.38	U	5.0	0.38	ug/L
110-82-7	Cyclohexane	0.36	U	5.0	0.36	ug/L
78-93-3	2-Butanone	1.1	U	25	1.1	ug/L
56-23-5	Carbon Tetrachloride	1.1	U	5.0	1.1	ug/L
156-59-2	cis-1,2-Dichloroethene	0.29	U	5.0	0.29	ug/L
67-66-3	Chloroform	0.33	U	5.0	0.33	ug/L
71-55-6	1,1,1-Trichloroethane	0.32	U	5.0	0.32	ug/L
108-87-2	Methylcyclohexane	0.34	U	5.0	0.34	ug/L
71-43-2	Benzene	0.39	U	5.0	0.39	ug/L
107-06-2	1,2-Dichloroethane	0.34	U	5.0	0.34	ug/L
79-01-6	Trichloroethene	0.46	U	5.0	0.46	ug/L
78-87-5	1,2-Dichloropropane	0.40	U	5.0	0.40	ug/L
75-27-4	Bromodichloromethane	0.33	U	5.0	0.33	ug/L
108-10-1	4-Methyl-2-Pentanone	1.6	U	25	1.6	ug/L
108-88-3	Toluene	0.36	U	5.0	0.36	ug/L
10061-02-6	t-1,3-Dichloropropene	0.32	U	5.0	0.32	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.36	U	5.0	0.36	ug/L
79-00-5	1,1,2-Trichloroethane	0.41	U	5.0	0.41	ug/L

U = Not Detected
RL = Reporting Limit
MDL = Method Detection Limit
E = Value Exceeds Calibration Range

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	8/16/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	8/17/2006
Client Sample ID:	SY-178W	**SDG No.:**	X4163
Lab Sample ID:	X4163-01	**Matrix:**	WATER
Analytical Method:	8260	**% Moisture:**	100
Sample Wt/Vol:	5.0 Units: mL	**Soil Extract Vol:**	uL
Soil Aliquot Vol:	uL		

File ID:	Dilution:	Date Analyzed	Analytical Batch ID
VH009110.D	1	8/28/2006	VH082406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
591-78-6	2-Hexanone	1.7	U	25	1.7	ug/L
124-48-1	Dibromochloromethane	0.26	U	5.0	0.26	ug/L
106-93-4	1,2-Dibromoethane	0.32	U	5.0	0.32	ug/L
127-18-4	Tetrachloroethene	0.48	U	5.0	0.48	ug/L
108-90-7	Chlorobenzene	0.47	U	5.0	0.47	ug/L
100-41-4	Ethyl Benzene	0.45	U	5.0	0.45	ug/L
126777-61-2	m/p-Xylenes	1.2	U	10	1.2	ug/L
95-47-6	o-Xylene	0.46	U	5.0	0.46	ug/L
100-42-5	Styrene	0.41	U	5.0	0.41	ug/L
75-25-2	Bromoform	0.32	U	5.0	0.32	ug/L
98-82-8	Isopropylbenzene	0.44	U	5.0	0.44	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.30	U	5.0	0.30	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	5.0	0.50	ug/L
106-46-7	1,4-Dichlorobenzene	0.54	U	5.0	0.54	ug/L
95-50-1	1,2-Dichlorobenzene	0.44	U	5.0	0.44	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.38	U	5.0	0.38	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.46	U	5.0	0.46	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.91	108 %	72 - 119		SPK: 50
1868-53-7	Dibromofluoromethane	56.69	113 %	85 - 115		SPK: 50
2037-26-5	Toluene-d8	52.74	105 %	81 - 120		SPK: 50
460-00-4	4-Bromofluorobenzene	49.63	99 %	76 - 119		SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	360194	4.71			
540-36-3	1,4-Difluorobenzene	565565	5.31			
3114-55-4	Chlorobenzene-d5	524646	9.05			
3855-82-1	1,4-Dichlorobenzene-d4	280989	11.60			

U = Not Detected
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J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	8/16/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	8/17/2006
Client Sample ID:	SY-178W	**SDG No.:**	X4163
Lab Sample ID:	X4163-01	**Matrix:**	WATER
Analytical Method:	8270	**% Moisture:**	100
Sample Wt/Vol:	990.0 mL	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BA026504.D	1	8/22/2006	8/23/2006	BA081406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
100-52-7	Benzaldehyde	1.7	U	10	1.7	ug/L
108-95-2	Phenol	1.3	U	10	1.3	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.5	U	10	1.5	ug/L
95-57-8	2-Chlorophenol	1.2	U	10	1.2	ug/L
95-48-7	2-Methylphenol	1.5	U	10	1.5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	10	1.2	ug/L
98-86-2	Acetophenone	1.2	U	10	1.2	ug/L
106-44-5	3+4-Methylphenols	1.3	U	10	1.3	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	10	1.4	ug/L
67-72-1	Hexachloroethane	1.2	U	10	1.2	ug/L
98-95-3	Nitrobenzene	1.6	U	10	1.6	ug/L
78-59-1	Isophorone	1.3	U	10	1.3	ug/L
88-75-5	2-Nitrophenol	1.4	U	10	1.4	ug/L
105-67-9	2,4-Dimethylphenol	1.2	U	10	1.2	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.4	U	10	1.4	ug/L
120-83-2	2,4-Dichlorophenol	1.4	U	10	1.4	ug/L
91-20-3	Naphthalene	1.4	U	10	1.4	ug/L
106-47-8	4-Chloroaniline	0.870	U	10	0.870	ug/L
87-68-3	Hexachlorobutadiene	1.4	U	10	1.4	ug/L
105-60-2	Caprolactam	1.3	U	10	1.3	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	10	1.4	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	10	1.1	ug/L
77-47-4	Hexachlorocyclopentadiene	1.2	U	10	1.2	ug/L
88-06-2	2,4,6-Trichlorophenol	1.2	U	10	1.2	ug/L
95-95-4	2,4,5-Trichlorophenol	1.2	U	10	1.2	ug/L
92-52-4	1,1-Biphenyl	1.4	U	10	1.4	ug/L
91-58-7	2-Chloronaphthalene	1.4	U	10	1.4	ug/L
88-74-4	2-Nitroaniline	1.1	U	10	1.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	10	1.3	ug/L
208-96-8	Acenaphthylene	1.3	U	10	1.3	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	10	1.3	ug/L

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	8/16/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	8/17/2006
Client Sample ID:	SY-178W	**SDG No.:**	X4163
Lab Sample ID:	X4163-01	**Matrix:**	WATER
Analytical Method:	8270	**% Moisture:**	100
Sample Wt/Vol:	990.0 mL	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BA026504.D	1	8/22/2006	8/23/2006	BA081406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
99-09-2	3-Nitroaniline	1.0	U	10	1.0	ug/L
83-32-9	Acenaphthene	1.4	U	10	1.4	ug/L
51-28-5	2,4-Dinitrophenol	3.5	U	10	3.5	ug/L
100-02-7	4-Nitrophenol	3.1	U	10	3.1	ug/L
132-64-9	Dibenzofuran	1.3	U	10	1.3	ug/L
121-14-2	2,4-Dinitrotoluene	1.2	U	10	1.2	ug/L
84-66-2	Diethylphthalate	1.3	U	10	1.3	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.4	U	10	1.4	ug/L
86-73-7	Fluorene	1.4	U	10	1.4	ug/L
100-01-6	4-Nitroaniline	1.1	U	10	1.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.6	U	10	1.6	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	10	1.3	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	10	1.5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	10	1.2	ug/L
1912-24-9	Atrazine	1.3	U	10	1.3	ug/L
87-86-5	Pentachlorophenol	1.6	U	10	1.6	ug/L
85-01-8	Phenanthrene	1.4	U	10	1.4	ug/L
120-12-7	Anthracene	1.4	U	10	1.4	ug/L
86-74-8	Carbazole	1.3	U	10	1.3	ug/L
84-74-2	Di-n-butylphthalate	1.3	U	10	1.3	ug/L
206-44-0	Fluoranthene	1.2	U	10	1.2	ug/L
129-00-0	Pyrene	1.5	U	10	1.5	ug/L
85-68-7	Butylbenzylphthalate	1.4	U	10	1.4	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	10	1.1	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	10	1.1	ug/L
218-01-9	Chrysene	1.7	U	10	1.7	ug/L
117-81-7	bis(2-Ethylhexyl)phthalate	1.5	U	10	1.5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	10	1.3	ug/L
205-99-2	Benzo(b)fluoranthene	0.760	U	10	0.760	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	10	1.9	ug/L
50-32-8	Benzo(a)pyrene	1.2	U	10	1.2	ug/L

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	8/16/2006
Project:	MTA/LIRR East side access-GEC C	**Date Received:**	8/17/2006
Client Sample ID:	SY-178W	**SDG No.:**	X4163
Lab Sample ID:	X4163-01	**Matrix:**	WATER
Analytical Method:	8270	**% Moisture:**	100
Sample Wt/Wol:	990.0 mL	**Extract Vol:**	1000 uL

File ID	Dilution	Date Extracted	Date Analyzed	Analytical Batch ID
BA026504.D	1	8/22/2006	8/23/2006	BA081406

CAS Number	Parameter	Conc.	Qualifier	RL	MDL	Units
TARGETS						
193-39-5	Indeno(1,2,3-cd)pyrene	0.840	U	10	0.840	ug/L
53-70-3	Dibenz(a,h)anthracene	0.870	U	10	0.870	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	10	1.1	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	91.68	61 %	21 - 100		SPK: 15
13127-88-3	Phenol-d5	70.47	47 %	10 - 94		SPK: 15
4165-60-0	Nitrobenzene-d5	84.61	85 %	35 - 114		SPK: 10
321-60-8	2-Fluorobiphenyl	82.64	83 %	43 - 116		SPK: 10
118-79-6	2,4,6-Tribromophenol	157.55	105 %	10 - 123		SPK: 15
1718-51-0	Terphenyl-d14	104.99	105 %	33 - 141		SPK: 10
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	91896	6.67			
1146-65-2	Naphthalene-d8	359115	8.99			
15067-26-2	Acenaphthene-d10	177302	12.46			
1517-22-2	Phenanthrene-d10	259785	15.44			
1719-03-5	Chrysene-d12	215284	20.78			
1520-96-3	Perylene-d12	149679	24.14			
TENTITIVE IDENTIFIED COMPOUNDS						
	ACP4.16	24	A	4.16		ug/L
52780-23-1	1,3-Benzenediol, 5-chloro-	6.6	J	16.21		ug/L
2088-07-5	1-Penten-3-ol, 2-methyl-	4.0	J	17.71		ug/L
74339-53-0	Trichloroacetic acid, pentadecyl e	3.5	J	20.58		ug/L

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CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	8/16/2006
Project:	MTA/LIRR East side a	**Date Received:**	8/17/2006
Client Sample ID:	SY-178W	**SDG No.:**	X4163
Lab Sample ID:	X4163-08	**Matrix:**	WATER
		% Solids:	0.00

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	6220		E	ug/L	5.3	1	8/24/2006	8/28/2006	EPA SW-846 6010
7440-36-0	Antimony	3.2	U		ug/L	3.2	1	8/24/2006	8/28/2006	EPA SW-846 6010
7440-38-2	Arsenic	3.3	U		ug/L	3.3	1	8/24/2006	8/28/2006	EPA SW-846 6010
7440-39-3	Barium	74.5	J	E	ug/L	0.72	1	8/24/2006	8/28/2006	EPA SW-846 6010
7440-41-7	Beryllium	0.09	U		ug/L	0.09	1	8/24/2006	8/28/2006	EPA SW-846 6010
7440-43-9	Cadmium	0.33	U		ug/L	0.33	1	8/24/2006	8/28/2006	EPA SW-846 6010
7440-70-2	Calcium	22500			ug/L	1.2	1	8/24/2006	8/28/2006	EPA SW-846 6010
7440-47-3	Chromium	26.0			ug/L	0.34	1	8/24/2006	8/28/2006	EPA SW-846 6010
7440-48-4	Cobalt	0.37	U		ug/L	0.37	1	8/24/2006	8/28/2006	EPA SW-846 6010
7440-50-8	Copper	36.3			ug/L	3.6	1	8/24/2006	8/28/2006	EPA SW-846 6010
7439-89-6	Iron	11900			ug/L	30.0	1	8/24/2006	8/28/2006	EPA SW-846 6010
7439-92-1	Lead	7.1			ug/L	2.8	1	8/24/2006	8/28/2006	EPA SW-846 6010
7439-95-4	Magnesium	9340			ug/L	8.3	1	8/24/2006	8/28/2006	EPA SW-846 6010
7439-96-5	Manganese	213			ug/L	0.11	1	8/24/2006	8/28/2006	EPA SW-846 6010
7439-97-6	Mercury	0.0500	J	N	ug/L	0.030	1	8/23/2006	8/23/2006	EPA SW-846 7470
7440-02-0	Nickel	29.2	J		ug/L	1.6	1	8/24/2006	8/28/2006	EPA SW-846 6010
7440-09-7	Potassium	2160	J	E	ug/L	61.8	1	8/24/2006	8/28/2006	EPA SW-846 6010
7782-49-2	Selenium	4.2	J		ug/L	3.0	1	8/24/2006	8/28/2006	EPA SW-846 6010
7440-22-4	Silver	4.5	J		ug/L	1.6	1	8/24/2006	8/28/2006	EPA SW-846 6010
7440-23-5	Sodium	6540		E	ug/L	332	1	8/24/2006	8/28/2006	EPA SW-846 6010
7440-28-0	Thallium	3.1	U		ug/L	3.1	1	8/24/2006	8/28/2006	EPA SW-846 6010
7440-62-2	Vanadium	8.5	J		ug/L	0.70	1	8/24/2006	8/28/2006	EPA SW-846 6010
7440-66-6	Zinc	56.8		E	ug/L	0.61	1	8/24/2006	8/28/2006	EPA SW-846 6010

Comments:

U = Not Detected
DL = Method Detection Limit or Instrument Detection Limit

J = Estimated Value
B = Analyte Found In Associated Method Blank
N = Spiked sample recovery not within control limits

CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908-789-8900 Fax: 908-789-8922

Report of Analysis

Client:	PB/STV/PTG Joint Venture	**Date Collected:**	8/16/2006
Project:	MTA/LIRR East side a	**Date Received:**	8/17/2006
Client Sample ID:	SY-178W	**SDG No.:**	X4163
Lab Sample ID:	X4163-01	**Matrix:**	WATER
		% Solids:	0.00

CAS No.	Analyte	Conc.	Qualifier		Units	DL	Dilution	Date Prep	Date Anal.	Method
7429-90-5	Aluminum	14600		E	ug/L	5.3	1	8/24/2006	8/28/2006	EPA SW-846 6010
7440-36-0	Antimony	3.2	U		ug/L	3.2	1	8/24/2006	8/28/2006	EPA SW-846 6010
7440-38-2	Arsenic	3.3	U		ug/L	3.3	1	8/24/2006	8/28/2006	EPA SW-846 6010
7440-39-3	Barium	1120		E	ug/L	0.72	1	8/24/2006	8/28/2006	EPA SW-846 6010
7440-41-7	Beryllium	2.1	J		ug/L	0.09	1	8/24/2006	8/28/2006	EPA SW-846 6010
7440-43-9	Cadmium	0.33	U		ug/L	0.33	1	8/24/2006	8/28/2006	EPA SW-846 6010
7440-70-2	Calcium	56400			ug/L	1.2	1	8/24/2006	8/28/2006	EPA SW-846 6010
7440-47-3	Chromium	67.5			ug/L	0.34	1	8/24/2006	8/28/2006	EPA SW-846 6010
7440-48-4	Cobalt	45.1	J		ug/L	0.37	1	8/24/2006	8/28/2006	EPA SW-846 6010
7440-50-8	Copper	299			ug/L	3.6	1	8/24/2006	8/28/2006	EPA SW-846 6010
7439-89-6	Iron	5590			ug/L	30.0	1	8/24/2006	8/28/2006	EPA SW-846 6010
7439-92-1	Lead	17.4			ug/L	2.8	1	8/24/2006	8/28/2006	EPA SW-846 6010
7439-95-4	Magnesium	18300			ug/L	8.3	1	8/24/2006	8/28/2006	EPA SW-846 6010
7439-96-5	Manganese	4740			ug/L	0.11	1	8/24/2006	8/28/2006	EPA SW-846 6010
7439-97-6	Mercury	0.4500		N	ug/L	0.030	1	8/24/2006	8/24/2006	EPA SW-846 7470
7440-02-0	Nickel	238			ug/L	1.6	1	8/24/2006	8/28/2006	EPA SW-846 6010
7440-09-7	Potassium	4030	J	E	ug/L	61.8	1	8/24/2006	8/28/2006	EPA SW-846 6010
7782-49-2	Selenium	7.6	J		ug/L	3.0	1	8/24/2006	8/28/2006	EPA SW-846 6010
7440-22-4	Silver	3.2	J		ug/L	1.6	1	8/24/2006	8/28/2006	EPA SW-846 6010
7440-23-5	Sodium	7470		E	ug/L	332	1	8/24/2006	8/28/2006	EPA SW-846 6010
7440-28-0	Thallium	3.9	J		ug/L	3.1	1	8/24/2006	8/28/2006	EPA SW-846 6010
7440-62-2	Vanadium	1.3	J		ug/L	0.70	1	8/24/2006	8/28/2006	EPA SW-846 6010
7440-66-6	Zinc	173		E	ug/L	0.61	1	8/24/2006	8/28/2006	EPA SW-846 6010

Comments:

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Chemtech Consulting Group

Hit Summary Sheet
SW-846

SDG No.: X4163 Order ID: X4163

Client: PB/STV/PTG Joint Venture Project ID: MTA/LIRR East side access-GEC (

Sample ID	Client ID	Matrix	Parameter	Concentration	C	RDL	MDL	Units
Client ID:	SY-178W							
X4163-01	SY-178W	WATER	Aluminum	14600		200	5.3	ug/L
X4163-08	SY-178W	WATER	Aluminum	6220		200	5.3	ug/L
X4163-01	SY-178W	WATER	Barium	1120		200	0.72	ug/L
X4163-08	SY-178W	WATER	Barium	74.5	J	200	0.72	ug/L
X4163-01	SY-178W	WATER	Beryllium	2.1	J	5.0	0.09	ug/L
X4163-01	SY-178W	WATER	Calcium	56400		5000	1.2	ug/L
X4163-08	SY-178W	WATER	Calcium	22500		5000	1.2	ug/L
X4163-01	SY-178W	WATER	Chromium	67.5		10.0	0.34	ug/L
X4163-08	SY-178W	WATER	Chromium	26.0		10.0	0.34	ug/L
X4163-01	SY-178W	WATER	Cobalt	45.1	J	50.0	0.37	ug/L
X4163-01	SY-178W	WATER	Copper	299		25.0	3.6	ug/L
X4163-08	SY-178W	WATER	Copper	36.3		25.0	3.6	ug/L
X4163-01	SY-178W	WATER	Iron	5590		100	30.0	ug/L
X4163-08	SY-178W	WATER	Iron	11900		100	30.0	ug/L
X4163-01	SY-178W	WATER	Lead	17.4		5.0	2.8	ug/L
X4163-08	SY-178W	WATER	Lead	7.1		5.0	2.8	ug/L
X4163-01	SY-178W	WATER	Magnesium	18300		5000	8.3	ug/L
X4163-08	SY-178W	WATER	Magnesium	9340		5000	8.3	ug/L
X4163-01	SY-178W	WATER	Manganese	4740		15.0	0.11	ug/L
X4163-08	SY-178W	WATER	Manganese	213		15.0	0.11	ug/L
X4163-08	SY-178W	WATER	Mercury	0.0500	J	0.2000	0.030	ug/L
X4163-01	SY-178W	WATER	Mercury	0.4500		0.2000	0.030	ug/L
X4163-01	SY-178W	WATER	Nickel	238		40.0	1.6	ug/L
X4163-08	SY-178W	WATER	Nickel	29.2	J	40.0	1.6	ug/L
X4163-01	SY-178W	WATER	Potassium	4030	J	5000	61.8	ug/L
X4163-08	SY-178W	WATER	Potassium	2160	J	5000	61.8	ug/L
X4163-01	SY-178W	WATER	Selenium	7.6	J	10.0	3.0	ug/L
X4163-08	SY-178W	WATER	Selenium	4.2	J	10.0	3.0	ug/L
X4163-01	SY-178W	WATER	Silver	3.2	J	10.0	1.6	ug/L
X4163-08	SY-178W	WATER	Silver	4.5	J	10.0	1.6	ug/L
X4163-01	SY-178W	WATER	Sodium	7470		5000	332	ug/L
X4163-08	SY-178W	WATER	Sodium	6540		5000	332	ug/L
X4163-01	SY-178W	WATER	Thallium	3.9	J	10.0	3.1	ug/L
X4163-01	SY-178W	WATER	Vanadium	1.3	J	50.0	0.70	ug/L
X4163-08	SY-178W	WATER	Vanadium	8.5	J	50.0	0.70	ug/L
X4163-01	SY-178W	WATER	Zinc	173		20.0	0.61	ug/L
X4163-08	SY-178W	WATER	Zinc	56.8		20.0	0.61	ug/L

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO. X4163

COC Number 060397

CLIENT INFORMATION (REPORT TO BE SENT TO:)

COMPANY: GEC
ADDRESS: 475 Seventh Avenue 9th floor
CITY: New York STATE: NY ZIP:
ATTENTION: Romana Navozak
PHONE: 646 291 8070 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: ESA - Sunny Side Yards
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: Same as PO#:
ADDRESS: Client info
CITY: STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX: _____ DAYS *
HARD COPY: _____ DAYS *
EDD: _____ DAYS *
* TO BE APPROVED BY CHEMTECH
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☒ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other _____
☐ EDD FORMAT _____

ANALYSIS

1 VOC -TCL
2 SVOC -TCL
3 TAL Metals
4 [illegible]
5
6
7
8
9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
								A		B							← Specify Preservatives A-HCl B-HNO_3 C-H_2SO_4 D-NaOH E-ICE F-Other
1. 1	SY-178W	water			8/16/06	1052	6	X	X	X							
2. 2	GE-31-5 (25)	Soil		X	8/16/06	930	1	X									
3. 3	GE-31-5 (25-27)	Soil	X		8/16/06	935	1		X	X							
4. 4	GE-31-5 (38)	Soil		X	8/16/06	1145	1	X									
5. 5	GE-31-5 (36-38)	Soil	X		8/16/06	1200	1		X	X							
6. 6	GE-31-5 (5')	Soil		X	8/16/06	1045	1	X									8/15/06
7. 7	GE-31-5 (1-5)	Soil	X		8/16/06	1040	1		X	X							8/15/06
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. [signature]	8/16/06	1.
RELINQUISHED BY:	DATE/TIME:	RECEIVED BY:
		2.
RELINQUISHED BY:	DATE/TIME: 8/17/06 9:30	RECEIVED FOR LAB BY: 3. [signature]

Conditions of bottles or coolers at receipt: ☒ Compliant ☐ Non Compliant
MeOH extraction requires an additional 4 oz jar for percent solid.
Comments:

Cooler Temp. 4°C
Ice in Cooler?: YES

Page 1 of 1

SHIPPED VIA: CLIENT: ☐ HAND DELIVERED ☒ OVERNIGHT
CHEMTECH: ☐ PICKED UP ☐ OVERNIGHT

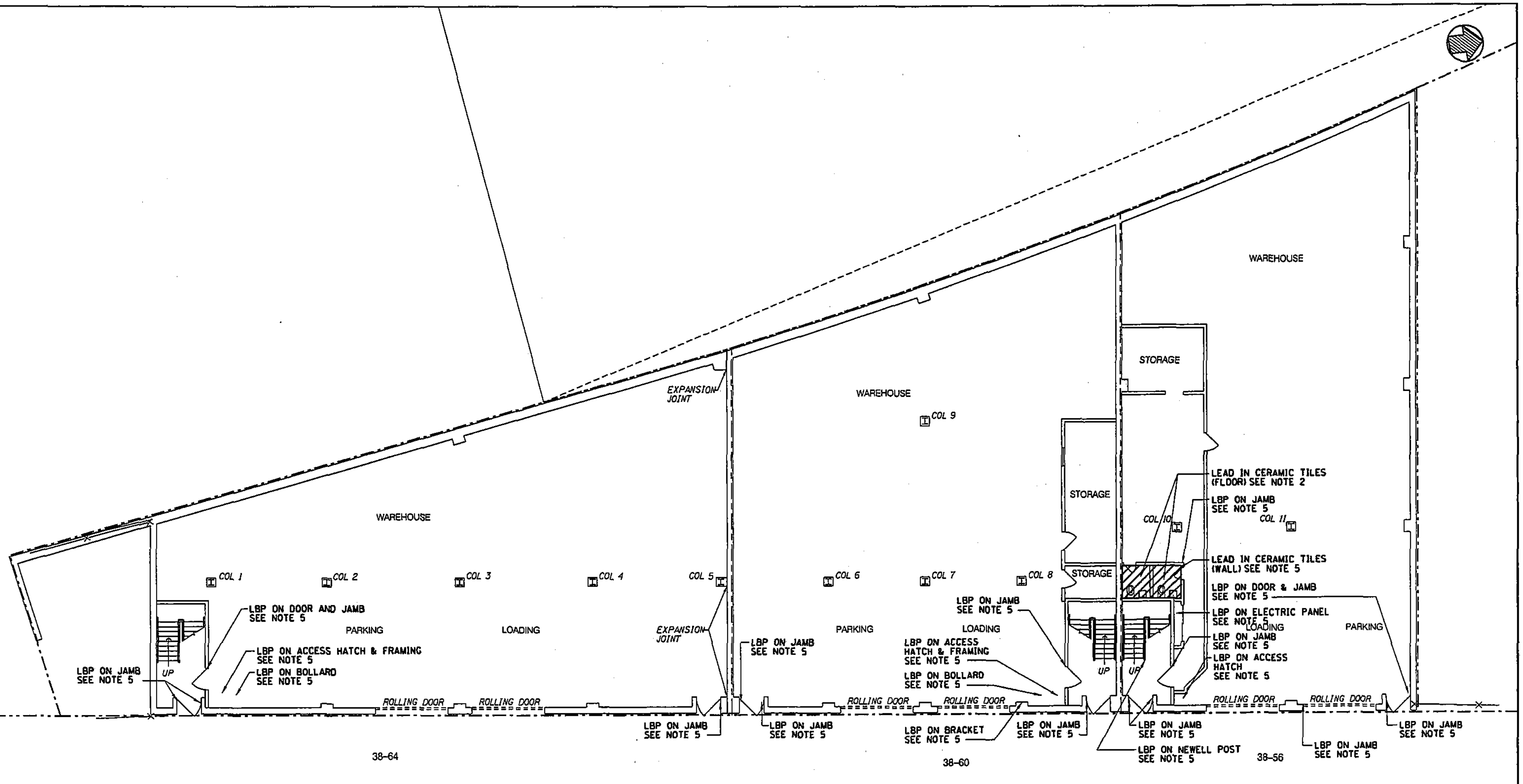
Shipment Complete: ☒ YES ☐ NO

445

Revision 4/2005

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

APPENDIX D



MATURA PROPERTIES BUILDINGS

FIRST FLOOR PLAN

SCALE IN FEET
8' 4' 0 8' 16'

NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR VERIFYING BUILDING INFORMATION.
2. LEAD BASED PAINT (LBP) MANAGEMENT SHALL BE PERFORMED IN ACCORDANCE WITH SPECIFICATION SECTION 13281 LEAD BASED PAINT MANAGEMENT.
3. ASBESTOS CONTAINING MATERIALS (ACM) SHALL BE HANDLED IN ACCORDANCE WITH SPECIFICATION SECTION 13284 ASBESTOS ABATEMENT.
4. DRAWING DEPICTS POSITIVE LEAD AND ASBESTOS SAMPLE LOCATIONS. FOR DETAILS AND QUANTIFICATIONS, SEE SPECIFICATIONS AND SURVEY RESULTS REPORT.
5. LBP DETECTED AT CONCENTRATIONS BELOW ACTIONABLE HUD GUIDLINES.

Metropolitan Transportation Authority Capital Construction

Long Island Rail Road East Side Access

GEC PB STV PARSONS General Engineering Consultant

PARSONS BRINCKERHOFF STV INCORPORATED PARSONS TRANSPORTATION GROUP OF NEW YORK, INC. 469 Seventh Avenue • New York, NY • 10018

MATRIX ENVIRONMENTAL & GEOTECHNICAL SERVICES, INC.

DATE	REVISIONS	No.

DESIGNED BY: R. NAROZNIK
DRAWN BY: C. JONES
CHECKED BY: M. TUMULTY
COORDINATED BY: W. REININGER
APPROVED BY: J. SCHABIB

NY PROFESSIONAL License No.

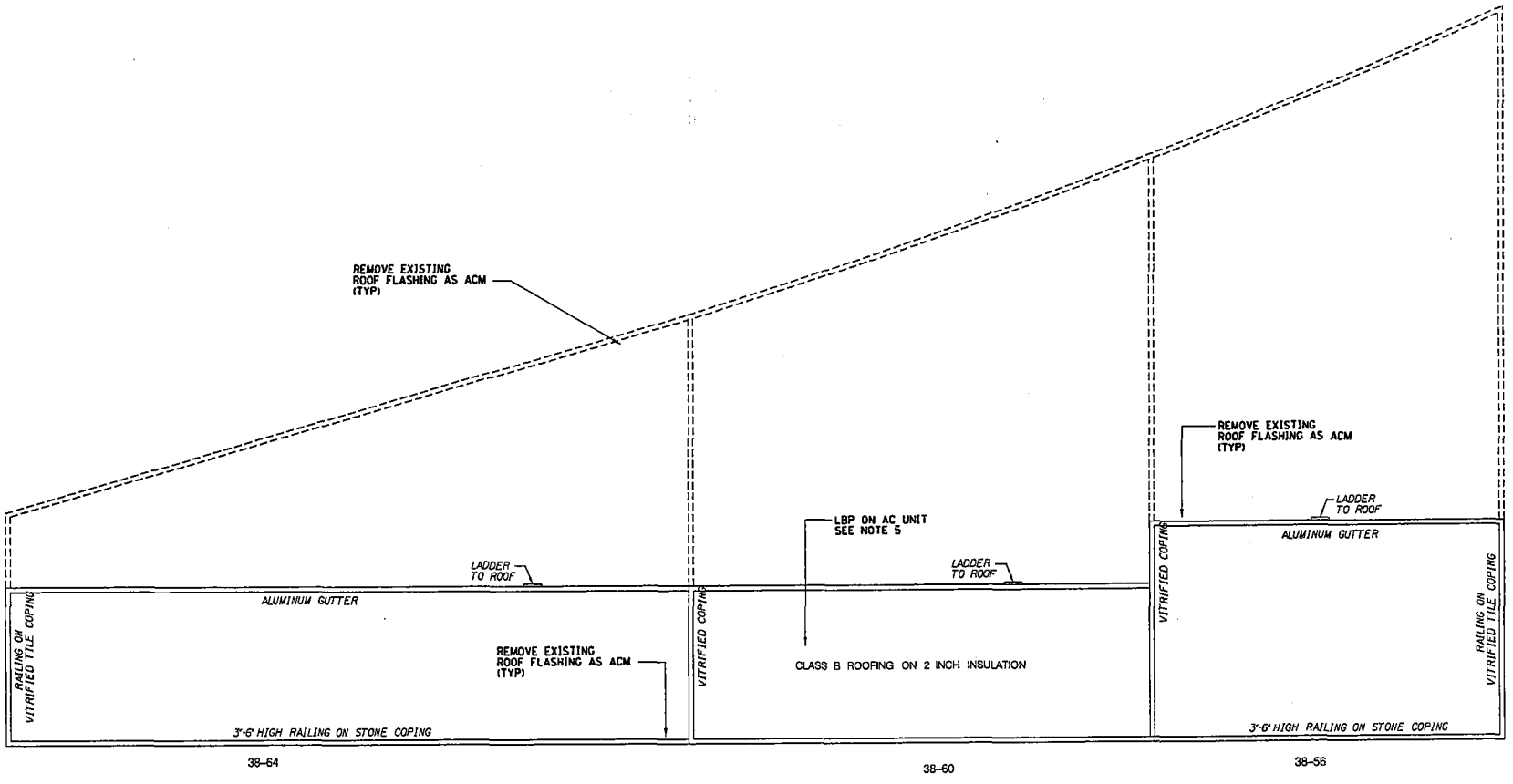
DATE:

HAROLD STRUCTURES PART 1

MATURA PROPERTIES ACM AND LBP FIRST FLOOR

SCALE: NONE
DRAWING NUMBER: CH053-CT-6201
DATE: 8-29-06
REVISION NUMBER:

CONTRACT No. CH053
ISSUE 90%
SHEET No. 91 OF 806



NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR VERIFYING BUILDING INFORMATION.
2. LEAD BASED PAINT (LBP) MANAGEMENT SHALL BE PERFORMED IN ACCORDANCE WITH SPECIFICATION SECTION 13281 LEAD BASED PAINT MANAGEMENT.
3. ASBESTOS CONTAINING MATERIALS (ACM) SHALL BE HANDLED IN ACCORDANCE WITH SPECIFICATION SECTION 13284 ASBESTOS ABATEMENT.
4. DRAWING DEPICTS POSITIVE LEAD AND ASBESTOS SAMPLE LOCATIONS. FOR DETAILS AND QUANTIFICATIONS, SEE SPECIFICATIONS AND SURVEY RESULTS REPORT.
5. LBP DETECTED AT CONCENTRATIONS BELOW ACTIONABLE HUD GUIDELINES.

43RD STREET

MATURA PROPERTIES BUILDINGS
HIGH ROOF PLAN

SCALE IN FEET
8' 4' 0 8' 16'

Metropolitan Transportation Authority
Capital Construction
Long Island Rail Road
East Side Access

GEC PB STV PARSONS
General Engineering Consultant
PARSONS BRINCKERHOFF
STV INCORPORATED
PARSONS TRANSPORTATION GROUP OF NEW YORK, INC.
469 Seventh Avenue • New York, NY • 10018

MATRIX ENVIRONMENTAL & GEOTECHNICAL SERVICES, INC.
120 EAGLE ROCK AVENUE, SUITE 207 EAST HANOVER, NEW JERSEY 07936 TEL: 973 268 1990 FAX: 973 268 1816

DATE	REVISIONS	No.

DESIGNED BY: R. NAROZNIK
DRAWN BY: C. JONES
CHECKED BY: M. TUMULTY
COORDINATED BY: W. REININGER
APPROVED BY: J. SCHABIB

NY PROFESSIONAL License No.
DATE:

HAROLD STRUCTURES PART 1

MATURA PROPERTIES ACM AND LBP
HIGH ROOF

SCALE	NONE
DRAWING NUMBER	CH053-CT-6203
DATE	9-29-06
REVISION NUMBER	
CONTRACT No.	CH053
ISSUE	90%
SHEET No.	93 OF 806