Appendix X
Clean Fill Bills of Lading

Fleming Lee Shue

Environmental Management & Consulting

March 25, 2008

Mr. John E. Durnin
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, NY 12233-7016

Re: East Side Access – Imported Fill
West 34th Street Development
555 West 34th Street – New York, New York
BCP Site #C231049

Dear Mr. Durnin:

Fleming-Lee Shue, Inc. (FLS), on behalf of Meushar 34th Street, LLC, the Volunteer with respect to the above-referenced BCP site, is conducting oversight of the importation of backfill material being imported to the site by S3II, the contractor for the Metropolitan Transit Authority (MTA) during the construction of the shaft for the No. 7 subway line extension. The contractor has proposed to import material being generated by the East Side Access (ESA) project. They have provided the information required in the June 2007 Soil Management Plan (SoMP), as well as the information requested in discussions and correspondence between FLS and the New York State Department of Environmental Conservation (NYSDEC).

The material is being generated from two tunnel boring machines operating under the East River in New York City. A description of the project and a figure showing where the material is being generated and stockpiled, including addresses, are attached. On March 24, 2008, NYSDEC conducted a site inspection of the material being stockpiled at the ESA project.

Analytical data for samples collected in accordance with the SoMP is also attached. In total, six full scan soil samples have been collected. For each sample, eight discrete grab samples were collected and screened with a calibrated photoionization detector (PID). Volatile organic compounds (VOCs) were not detected with the PID in any grab sample. A discrete sample for VOCs was collected from the darkest material and immediately placed into a two ounce jar. The darkest material was sampled in order to bias the VOC sample to the most probable location where drilling fluids may be present. The remaining material and grab samples were placed into a pre-cleaned stainless steel bowl and mixed thoroughly. Standard quartering techniques were used to generate the composite sample. This

material was placed into an eight ounce jar for analysis of the full scan parameters. All results meet the Unrestricted Use Soil Cleanup Objectives [NYCRR Title 6, Part 375-6.8(a)].

ESA material will be brought to the site under a bill-of-lading tracking system. A copy of all tickets will be provided in the Final Engineering Report.

MTA and its contractor would like to import up to 20,000 cubic yards (CY) from this source. However, based on the sampling frequency requirements outlined in the SoMP, FLS is currently requesting that 6,000 CY of ESA material be approved at this time for import to the West 34th Street Development as backfill material meeting the requirements for the Track 1 cleanup being conducted. Additional sampling will be conducted and submitted to NYSDEC for approval of the import of additional material as necessary.

Feel free to contact us if you need any additional information.

Sincerely,
Fleming-Lee Shue, Inc.

Matthew Carroll
Environmental Engineer

Attachments: Project Description and Site Figure
Laboratory Deliverables (11/1/07, 3/3/08 and 3/10/08)

SHEA SKANKSA SCHIAVONE
A JOINT VENTURE
TUNNEL CONSTRUCTORS

525 W 29th Street
2nd Floor
New York, NY 10001
212-459-3817
Fax: 212-459-3827

March 18, 2008

Reference: No. 7 Line Extension
Contract No. C-26503

Subject: **East Side Access As A Source of Backfill For Site P**

The purpose of this submittal is to provide the information required by NYS-DEC regarding backfill materials to be used at Site P.

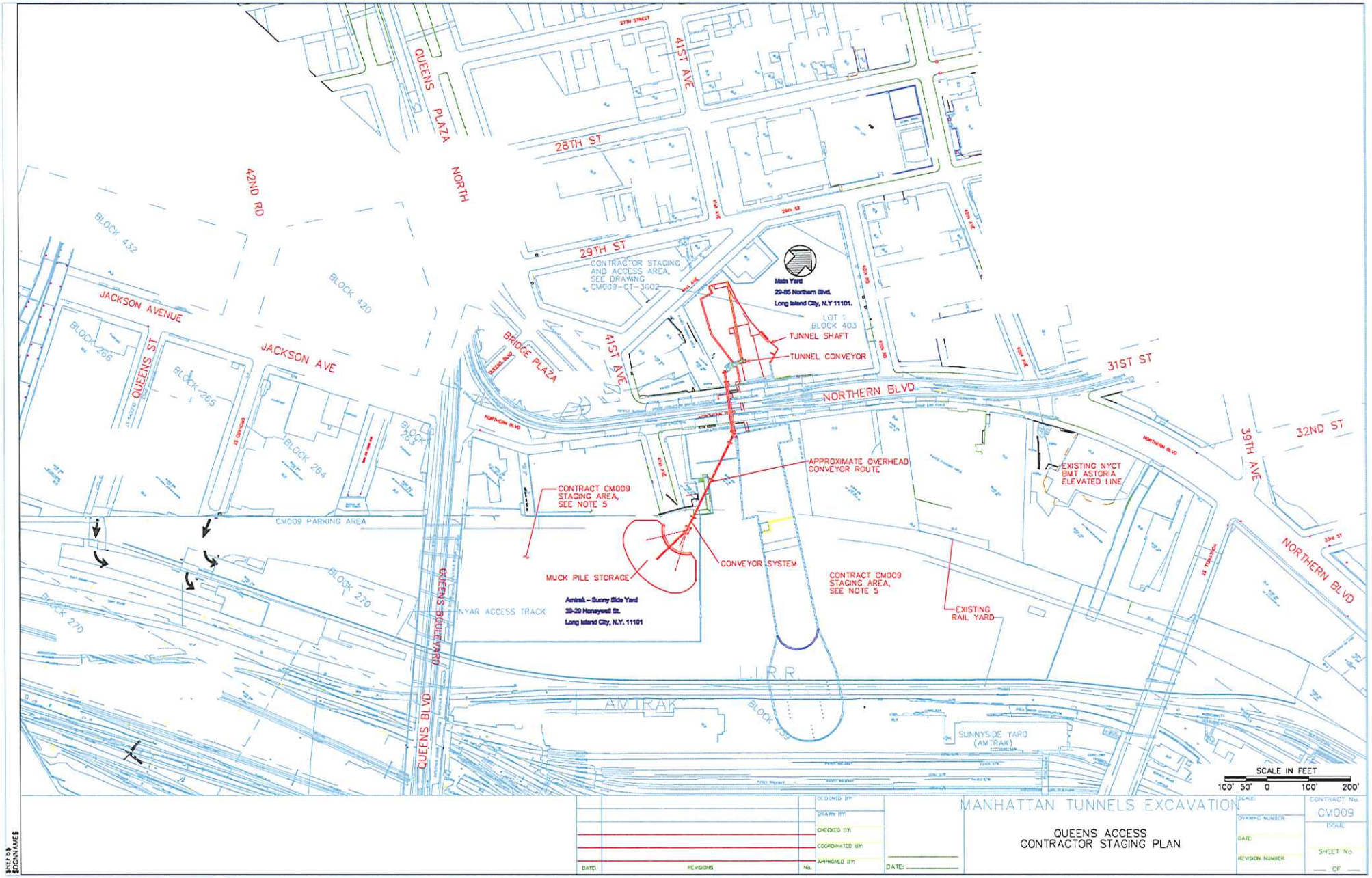
S3-II Tunnel Constructors proposes using backfill generated by TBM machines on the East Side Access project. Two TBM machines are currently mining underneath Manhattan approx 150 LF below the surface along Park Ave. The "tunnel muck" generated from the TBM machines is hauled out by a conveyor system which dumps the material out of the tunnel shaft on 29-85 Northern Blvd, then is conveyed to the storage stock pile at 39-29 Honeywell St. The material is loaded into dump trucks and weighed by a scale. The trucks are provided with tickets showing the weight of tunnel muck placed in each truck. These tickets will be provided to S3-II Tunnel Constructors with each load taken. The address for the shaft yard is 29-85 Northern Blvd.Long Island City, NY 11101. The address of the stock pile is 39-29 Honeywell St.
Long Island City, N.Y. 11101. Site P will require approximately 60,000 CY of material to backfill it. S3-II Tunnel Constructors intends to bring as much material from East Side Access as can be provided by East Side Access. The remainder of the fill will be comprised of other sources currently being used or any sources approved in the future.

See attached for:

- Site Location Map showing the geographic location of the East Side Access jobsite as well as where the material comes from and is stock piled.
- Environmental test results of tunnel muck samples.
- Description of the project.

This submittal provides all of the information requested by MTA Capital Construction and Fleming-Lee Shue, Inc. Should you have any questions please contact Peter Conry at (212) 459-3817.

As per specification 02315 paragraph 1.05 B. 1 and 2 tests results are required showing gradation, maximum dry density, liquid limit, and plastic limit. These test results will be submitted under separate cover.



DESIGNED BY:
DRAWN BY:
CHECKED BY:
COORDINATED BY:
APPROVED BY:
DATE:
REVISIONS
No.
DATE:

MANHATTAN TUNNELS EXCAVATION

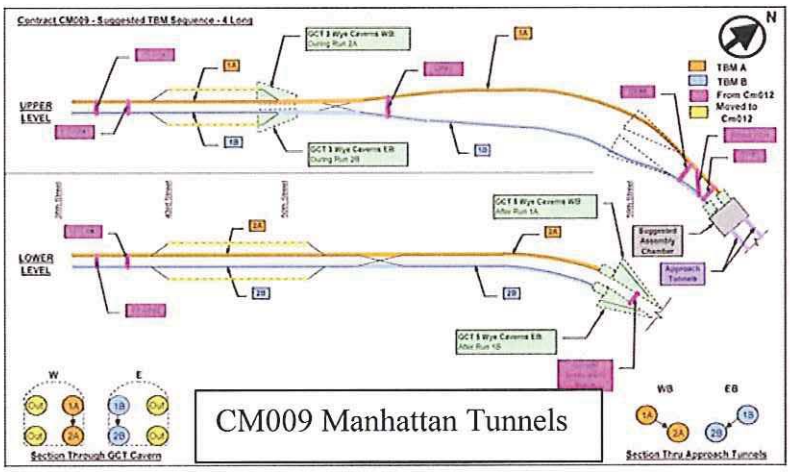
QUEENS ACCESS
CONTRACTOR STAGING PLAN

SCALE:
DRAWING NUMBER:
DATE:
REVISION NUMBER:
CONTRACT No. CM009
ISSUE
SHEET No. — OF —

PLOTTED BY $DONNAVE$

DRAGADOS USA
A JOINT VENTURE
JUDLAU

The Dragados/Judlau JV has been awarded one of the many contracts to be constructed as part of the Long Island Rail Road East Side Access projects. The MTA in conjunction with LIRR, are in the process of expanding one of the largest commuter railroads in the country, with over 260,000 passengers a day. The LIRR, which provides 700 passenger trains every 24 hours, can't continue on the present growth course as a joint tenant in Penn Station with Amtrak and NJT. For this reason, in conjunction with the fact that over 53% of LIRR's current riders into Penn Station are ultimately bound for the East Side of Manhattan, have created the need for the expansion of the LIRR. The complete expansion will cost approximately 6.3 billion dollars and all of the contracts are to be completed by 2013.



CM009 Manhattan Tunnels

The Dragados/Judlau JV on July 6th, 2006, was awarded a $427,954,000 contract to construct 25,000 LF of 22ft diameter tunnels to be excavated via two tunnel boring machines (TBM). Four tunnel drives, 2ea upper level and 2ea lower level will be constructed. This translates to a total TBM excavation volume of 352,000 BCY. Also, included in this contract is 60,000 BCY of drilling and blasting. There are two caverns, GCT 5 and GCT 3; seven cross passages; one drainage pump; one central instrumentation room; and one cross flue. All comprise the drilling and blasting for this contract. The DJ JV, has been entertaining several alternate options to minimize the drilling and blasting to a minimum via the use of other much more effective mechanical means. This contract also includes 12,000 LF of cast in place tunnel lining and the lining of all the drilled and shot areas mentioned previously. The total contract duration for this project is 48 months, with a substation completion by July 8th, 2010 and final completion by November 4, 2010.

During the past year the DJ (JV) has been very busy with the construction of 2 each assembly chambers to be used for the assembly of two TBM's. For the construction of this project, there

have been two TBM's selected. There is a double shield machine, which has been provided by SELI and also there is a main beam machine, which has been provided by Robbins.

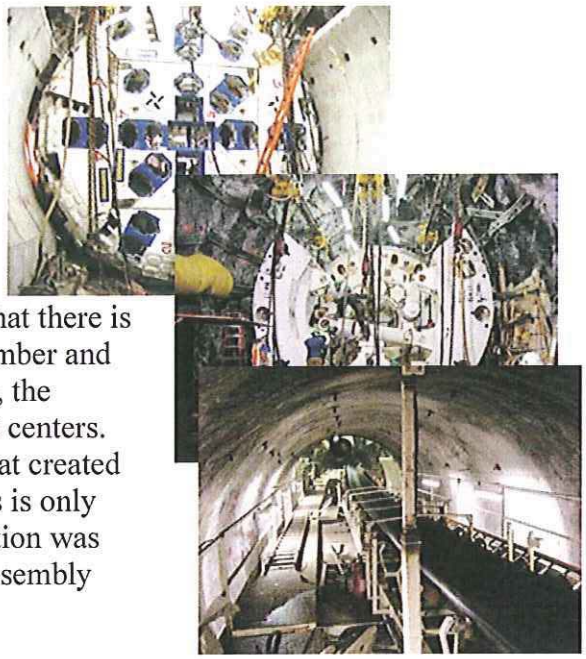
Seli – Double Shield Machine

Robbins – Main Beam Machine

The Seli double shield machine will be used to drive 2ea out of the four 22ft diameter tunnels. The Robbins main beam machine will excavate the remaining two tunnels. These TBM's will be brought in through an existing 8,800 lf tunnel, to be assembled underground in two different assembly chambers. With the use of controlled drilled and blast methods, a 26ft x 26ft horse shoe shaped tunnel with a length of 72ft was excavated for the Seli TBM.

For the Robbins TBM a 24ft x 24ft horse shoe shaped tunnel with a length of 73ft was excavated. A top heading and bench method was used to excavate these two assembly chambers. A two boom drill jumbo (HS205 Tamrock) was used to drill out the face and a ST 3.5 loader was used to muck out the heading.

The SELI TBM assembly chamber was outfitted with 12 ft long #9 rockbolts on 4ft spacing. To facilitate the movement of the TBM components during assembly, a monorail system was installed. There were 3 each monorails installed, which each used 2 each 25ton air hoist. The chamber gripper walls were pre-cast segments that were positioned in place to facilitate the launch of the TBM. The assembly of the Seli TBM was completed successfully. A crew of 17 men on three shifts worked to accomplish this difficult task. The Seli TBM is currently mining the first tunnel drive.

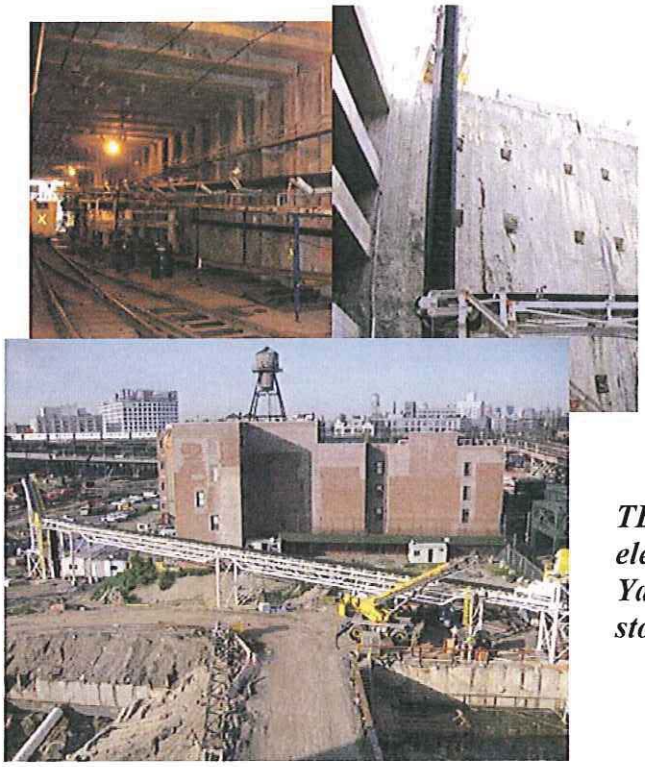


The Robbins TBM assembly chamber was built very similarly to the Seli TBM assembly chamber with the use of top heading and bench using controlled blasting techniques. The excavation of this chamber had some very difficult obstacles to overcome. This first obstacle is that there is approximately only 6ft of cover between our assembly chamber and the existing NYCT subway system, F line. Due to this fact, the ground support implemented was steel ribs, W8 x 28 on 4ft centers. Rockbolt installation was not allowed. Another obstacle that created much difficulty is the rock pillar between the two chambers is only approximately 5ft in thickness. Much attention and dedication was implemented during the excavation of the Robbins TBM assembly chamber.

The majority of the Robbins TBM assembly will take place at the entrance to the existing tunnel (Bellmouth) with some of the components requiring assembly in the tunnel due to the restrictive cross sections in the existing tunnel. In order to facilitate the assembly required in the chamber, additional steel rib sets were installed to be able to rig some of the TBM components. These additional steel sets also support a monorail beam capable of lifting 24 tons. This monorail will be used to position the TBM components with in the assembly chamber. The gripper wall constructed in the Robbins chamber were constructed by using the top section of the ground support beams in conjunction with a bottom section rolled to complete the bottom half of the circle. Then the ribs were lagged with lumber and concrete placed behind. These gripper walls will facilitate the launch of the Robbins TBM. While the work continued in the chamber, DJ was also very busy in the Bellmouth, which is the entrance to the existing tunnel. With the use of 500 ton rental crane, the TBM components, heaviest being 63 tons, were all lowered and assembled at the bottom. The TBM under its own power will be moved down the existing tunnel and into the assembly chamber for final assembly. Final assembly consist of adding the vertical front support, 2ea side supports, roof shield, 4ea cutter quad sections, 2ea gripper shoes.

The Robbins TBM assembly is well on its way to completion with in the next 3 weeks. Mining with the Robbins machine is expected by the first week of November, 2007.

All of this mining requires an effective method of removing the tunnel muck from each of the TBM's, through an existing 8800LF existing tunnel, and out of the tunnel. For this system the DJ joint venture acquired the help of the Robbins Conveyor Company to meet the demands of the project. In order to accomplish the demands of the project, a combination of different types of conveyors were implemented.



TBM, tunnel, vertical up the Open Cut, elevated across Northern Blvd., across Yard "A" to radial conveyor, and stockpiled for removal by truck

The conveyor system has been design for operating at 600 tons an hour (400 cy/hr) of muck. The DJ (JV) has estimated to being able to mine 67 ft/day on each machine. A total volume of 950 cy/day from each TBM is expected to be removed from the tunnel. Once this material is on the surface, with the use of a CAT 977, trucks will be loaded to transport the material offsite.

The following information provides a brief overview of the some of the major work accomplished during the past year. The DJ (JV) has been working hard in setting up an effective, safe and profitable project.

Restoration & Conservation Advisement Group LLC Of North East Queens

Dr. James M. Cervino
9-22 119th St.
College Point, NY
E-Mail: cnidaria@earthlink.net
Phone: 917-620-5287
Web Site: http://www.globalcoral.org

Analysis of Soil from Block 403 Lot 1 for TAGM #4046 Standards

November 21st 2007

Dear Tommy,

This is in reference to the laboratory analysis carried out by the York Analytical Laboratories, Inc. on soil samples taken from the site at Eastside Access Extension Tunnel *(Queens to Manhattan)* 29-85 Northern Blvd. Long Island City, Block #403 Lot #1 which I was informed was excavated from this new extension tunnel.

This material is considered as clean fill and can be used for housing developments, schools, brownfields, and Superfund sites, and is considered to be safe and in compliance with the high-quality standards required by state and city regulatory agencies.

I reviewed the technical report dated November 2nd, prepared by York Laboratories. TNP provided myself, Dr. James M. Cervino with this report on Nov. 20th 2007. This report contained the chemical analysis of the single-soil sample carried out by Engineer Ted Yen and Associates. The soil sample was found to be in compliance with the State Department of Environmental Conservation TAGM #4046 criteria. I confirm that this test sample of the Mica "Manhattan" schist soil sample to be of highest quality and meets the strict standards of the DEC guidelines.

Any questions please feel free to call me,

Dr. James M. Cervino

TNP Enterprises, Inc.
129-16 14th Ave. College Point, New York 11356
(718) 353-3501
&
Restoration & Conservation Advisement Group LLC
Environmental Consultants of North East Queens
Dr. James M. Cervino
9-22 119th St. College Point NY
E-Mail: jcervino@whoi.edu
Phone: 917-620-5287

Soil Specialists (TAGM#4046)
Coastal Clean-ups

Wetlands Refurbishment
Oyster and Mussel Restoration

Certification of Scientific Analysis

SUMMARY OF LISTING AGENCIES THAT WILL CERTIFY ALL SOIL BACK-FILL MERCHANDISE TRANSPORTED BY TNP AND RCAG

Upon a transaction agreement between TNP and all interested parties consisting of "potential clients", TNP and RCAG agrees to furnish **certificates and approvals** that meet the strict DEC guidelines pertaining to **TAGM** #4046 soil clean-up objective.

Here we present a list of agencies that currently meet standards and approve of TNP current soil materials that have been determined as "VIRGIN-FILL" from samples collected and presented to YORK LABS and analyzed by 2 independent entities, myself Dr. James M. Cervino and EnviroTrac:

1) DOH (Department of Health)
2) DEC (Department of Environmental Conservation – upon signed contract
3) York Testing Labs
4) Envirotrack

Note: Will meet DEP and DOT requirements set-fourth in NYC

TNP and Restoration Conservation Advisement Group (RCAG) will provide the highest levels of security and integrity during removal and transport of TAGM 4046 Fill composed of Mica-Schist (metamorphic rock) for every contracted amounts 10,000cu/yards and over. Certificates of standards meeting TAGM 4046 clean-up objectives will be provided upon request, however, approvals can only be given to a serious client that engages in a contractual agreement between TNP and RCAG.

Soil data submitted on 11.2.07 demonstrates detectable chemical contamination restricted to the Heavy Metal grouping provided by the New York State Department of Environmental Conservation (NY DEC). Comparison of this data to the DEC's TAGM 4046 soil concentration indicate that all concentrations meet the standards of TAGM 4046 limits. However, the vast majority were at a non-detection level. For those components found at a detectable level, all fall within or below eastern USA background levels.

Technical and Administrative Guidance Memorandums (TAGMs) are established by DEC's Department of Environmental Remediation. TAGM 4046 sets cleanup objectives specific to soil matrices, so as to promote chemical levels that prevent detrimental effects on human health and seepage into groundwater. The attached tables show a direct comparison between TAGM 4046 limits and the current site analysis, where the last column entitled *Results of multicomponent analysis* refers to Sample ID AD53227.

Thank you,

TNP and RCAG

YORK
ANALYTICAL LABORATORIES, INC.

Technical Report

prepared for:

Don Carlo Environmental
1225 Atlantic Ave.
Brooklyn, NY 11216
Attention: Danny Singh

Report Date: 12/3/2007
Re: Client Project ID: TY-Queens St.
York Project No.: 07110158

CT License No. PH-0723 New Jersey License No. CT-005 New York License No. 10854

120 RESEARCH DRIVE STRATFORD, CT 06615 (203) 325-1371 FAX (203) 357-0166

Report Date: 12/3/2007
Client Project ID: TY-Queens St.
York Project No.: 07110158

Don Carlo Environmental
1225 Atlantic Ave.
Brooklyn, NY 11216
Attention: Danny Singh

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 11/02/07. The project was identified as your project "TY-Queens St.".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			Stockpile	
York Sample ID			07110158-01	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Pesticides, 8081 List	SW846-3550B/8081	ug/Kg	---	---
4,4'-DDD			Not detected	16.0
4,4'-DDE			Not detected	16.0
4,4'-DDT			Not detected	16.0
Aldrin			Not detected	8.00
alpha-BHC			Not detected	8.00
beta-BHC			Not detected	8.00
Chlordane, Total			Not detected	20.0
delta-BHC			Not detected	8.00
Dieldrin			Not detected	3.30
Endosulfan I			Not detected	8.00
Endosulfan II			Not detected	16.0
Endosulfan sulfate			Not detected	16.0
Endrin			Not detected	16.0
Endrin aldehyde			Not detected	16.0
gamma-BHC (Lindane)			Not detected	8.00
Heptachlor			Not detected	8.00

Client Sample ID			Stockpile	
York Sample ID			07110158-01	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Heptachlor epoxide			Not detected	8.00
Methoxychlor			Not detected	80.0
Toxaphene			Not detected	200
Volatiles, 8260 List	SW846-8260	ug/Kg	---	---
1,1,1,2-Tetrachloroethane			Not detected	10
1,1,1-Trichloroethane			Not detected	10
1,1,2,2-Tetrachloroethane			Not detected	10
1,1,2-Trichloroethane			Not detected	10
1,1-Dichloroethane			Not detected	10
1,1-Dichloroethylene			Not detected	10
1,1-Dichloropropylene			Not detected	10
1,2,3-Trichlorobenzene			Not detected	10
1,2,3-Trichloropropane			Not detected	10
1,2,3-Trimethylbenzene			Not detected	10
1,2,4-Trichlorobenzene			Not detected	10
1,2,4-Trimethylbenzene			Not detected	10
1,2-Dibromo-3-chloropropane			Not detected	10
1,2-Dibromoethane			Not detected	10
1,2-Dichlorobenzene			Not detected	10
1,2-Dichloroethane			Not detected	10
1,2-Dichloroethylene (Total)			Not detected	10
1,2-Dichloropropane			Not detected	10
1,3,5-Trimethylbenzene			Not detected	10
1,3-Dichlorobenzene			Not detected	10
1,3-Dichloropropane			Not detected	10
1,4-Dichlorobenzene			Not detected	10
1-Chlorohexane			Not detected	10
2,2-Dichloropropane			Not detected	10
2-Chlorotoluene			Not detected	10
4-Chlorotoluene			Not detected	10
Benzene			Not detected	10
Bromobenzene			Not detected	10
Bromochloromethane			Not detected	10
Bromodichloromethane			Not detected	10
Bromoform			Not detected	10
Bromomethane			Not detected	10
Carbon tetrachloride			Not detected	10
Chlorobenzene			Not detected	10
Chloroethane			Not detected	10
Chloroform			Not detected	10
Chloromethane			Not detected	10
cis-1,3-Dichloropropylene			Not detected	10
Dibromochloromethane			Not detected	10
Dibromomethane			Not detected	10
Dichlorodifluoromethane			Not detected	10
Ethylbenzene			Not detected	10
Hexachlorobutadiene			Not detected	10
Isopropylbenzene			Not detected	10
Methylene chloride			Not detected	10
MTBE			Not detected	10
Naphthalene			Not detected	10

Client Sample ID			Stockpile	
York Sample ID			07110158-01	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
n-Butylbenzene			Not detected	10
n-Propylbenzene			Not detected	10
o-Xylene			Not detected	10
p- & m-Xylenes			Not detected	10
p-Isopropyltoluene			Not detected	10
sec-Butylbenzene			Not detected	10
Styrene			Not detected	10
tert-Butylbenzene			Not detected	10
Tetrachloroethylene			Not detected	10
Toluene			Not detected	10
trans-1,3-Dichloropropylene			Not detected	10
Trichloroethylene			Not detected	10
Trichlorofluoromethane			Not detected	10
Vinyl chloride			Not detected	10
BNA, 8270 List	SW846-8270C	ug/Kg	---	---
1,2,4-Trichlorobenzene			Not detected	165
1,2-Dichlorobenzene			Not detected	165
1,3-Dichlorobenzene			Not detected	165
1,4-Dichlorobenzene			Not detected	165
2,4,5-Trichlorophenol			Not detected	165
2,4,6-Trichlorophenol			Not detected	165
2,4-Dichlorophenol			Not detected	165
2,4-Dimethylphenol			Not detected	165
2,4-Dinitrophenol			Not detected	165
2,4-Dinitrotoluene			Not detected	165
2,6-Dinitrotoluene			Not detected	165
2-Chloronaphthalene			Not detected	165
2-Chlorophenol			Not detected	165
2-Methylnaphthalene			Not detected	165
2-Methylphenol			Not detected	165
2-Nitroaniline			Not detected	165
2-Nitrophenol			Not detected	165
3,3'-Dichlorobenzidine			Not detected	165
3-Methylphenol			Not detected	165
3-Nitroaniline			Not detected	165
4,6-Dinitro-2-methylphenol			Not detected	165
4-Bromophenyl phenyl ether			Not detected	165
4-Chloro-3-methyl phenol			Not detected	165
4-Chloroaniline			Not detected	165
4-Chlorophenyl phenyl ether			Not detected	165
4-Methylphenol			Not detected	165
4-Nitroaniline			Not detected	165
4-Nitrophenol			Not detected	165
Acenaphthene			Not detected	165
Acenaphthylene			Not detected	165
Aniline			Not detected	165
Anthracene			Not detected	165
Benzidine			Not detected	165
Benzo(a)anthracene			Not detected	165
Benzo(a)pyrene			Not detected	165
Benzo(b)fluoranthene			Not detected	165

Client Sample ID			Stockpile	
York Sample ID			07110158-01	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Benzo(g,h,i)perylene			Not detected	165
Benzo(k)fluoranthene			Not detected	165
Benzyl alcohol			Not detected	165
Bis(2-chloroethoxy)methane			Not detected	165
Bis(2-chloroethyl)ether			Not detected	165
Bis(2-chloroisopropyl)ether			Not detected	165
Bis(2-ethylhexyl)phthalate			Not detected	165
Butyl benzyl phthalate			Not detected	165
Chrysene			Not detected	165
Dibenz(a,h)anthracene			Not detected	165
Dibenzofuran			Not detected	165
Diethylphthalate			Not detected	165
Dimethylphthalate			Not detected	165
Di-n-butylphthalate			Not detected	165
Di-n-octylphthalate			Not detected	165
Fluoranthene			Not detected	165
Fluorene			Not detected	165
Hexachlorobenzene			Not detected	165
Hexachlorobutadiene			Not detected	165
Hexachlorocyclopentadiene			Not detected	165
Hexachloroethane			Not detected	165
Indeno(1,2,3-cd)pyrene			Not detected	165
Isophorone			Not detected	165
Naphthalene			Not detected	165
Nitrobenzene			Not detected	165
N-Nitrosodi-n-propylamine			Not detected	165
N-Nitrosodiphenylamine			Not detected	165
Pentachlorophenol			Not detected	165
Phenanthrene			Not detected	165
Phenol			Not detected	165
Pyrene			Not detected	165
Pyridine			Not detected	165
PCB	SW846-3550B/8082	mg/Kg	---	---
PCB 1016			Not detected	0.017
PCB 1221			Not detected	0.017
PCB 1232			Not detected	0.017
PCB 1242			Not detected	0.017
PCB 1248			Not detected	0.017
PCB 1254			Not detected	0.017
PCB 1260			Not detected	0.017
Metals, Target Analyte List (TAL)	SW846-6010	mg/kg	---	---
Aluminum			10500	1.00
Antimony			6.74	1.00
Arsenic			4.21	1.00
Barium			171	1.00
Beryllium			Not detected	0.500
Cadmium			Not detected	0.500
Calcium			1050	2.00
Chromium			20.4	0.500
Cobalt			13.7	1.00
Copper			28.3	1.00

Client Sample ID			Stockpile	
York Sample ID			07110158-01	
Matrix			SOIL	
Parameter	Method	Units	Results	MDL
Iron			18400	1.00
Lead			3.78	1.00
Magnesium			5510	2.00
Manganese			186	1.00
Nickel			24.0	1.00
Potassium			2960	3.00
Selenium			Not detected	1.00
Silver			Not detected	1.00
Sodium			78.6	5.00
Thallium			Not detected	1.00
Vanadium			29.3	2.00
Zinc			61.0	2.00
Mercury	SW846-7471	mg/kG	Not detected	0.10
Asbestos	EPA-PLM	%	Not detected	1

Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Notes for York Project No. 07110158

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. This MDL is the REPORTING LIMIT and is based upon the lowest standard utilized for calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that the Asbestos analysis reported herein was subcontracted to Enviroscience Consultants, Ronkonkoma, NY.

Approved By: Robert Q. Bradley
Managing Director

Date: 12/3/2007

YORK

YORK
ANALYTICAL LABORATORIES, INC.
RESEARCH DRIVE STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

07110158

Company Name	Report To:	Invoice To:	Project ID/No.	Samples Collected By (Signature)
Don Carlo Env. Serv., Inc.			TY - Queens 84.	Tea Yen (Name Printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
S-1	Stockpile	11/1/07		X			8260, 8270, PCB/PEST., TAL METALS	2oz jar 4oz jar (x3)

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by	11/1/07 - 2[illegible]	H Bernard Worton	11-2-07 8:27AM
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by 11/2	Date/Time 5:00

Comments/Special Instructions

3.7° C

Turn-Around Time

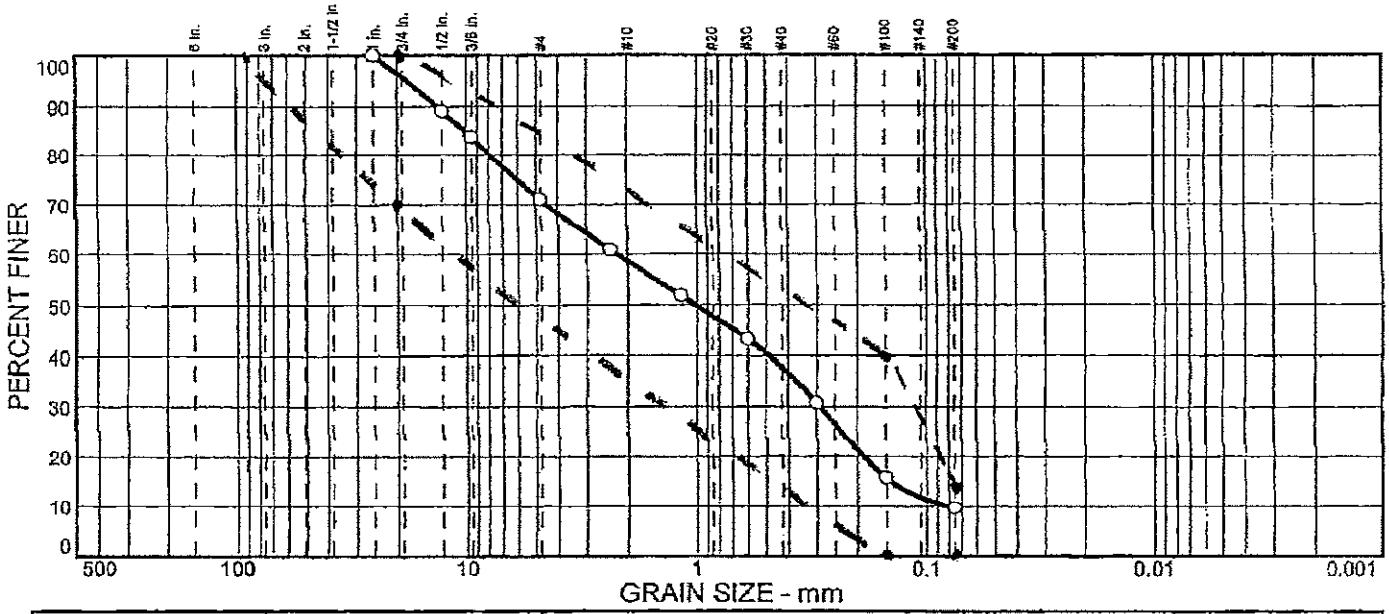
✓ Standard ___ RUSH(define)_____

SOIL WASH SIEVE ANALYSIS REPORT

Project: Queens Street / Long Island City, NY **Project No.:** L-0873

Client: Ted Yen Associates

Sample No: 1 of 1 **Source of Sample:** **Date:** 11-21-07
Location: In-Place Material **Elev./Depth:** N/A



% COBBLES	% GRAVEL		% SAND			% FINES	
	CRS.	FINE	CRS.	MEDIUM	FINE	SILT	CLAY
0.0	4.3	24.6	12.4	20.9	28.0	9.8	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
1 in.	100.0		
1/2 in.	89.1		
3/8 in.	83.7		
#4	71.1		
#8	60.9		
#16	51.9		
#30	43.3		
#50	30.8		
#100	15.8		
#200	9.8		

* (no specification provided)

--- SPEC. REQ'D

Soil Description

Gray fine sand with large rocks and silt with some decomposed rock.

Atterberg Limits

PL= N/A LL= N/A PI= N/A

Coefficients

D_{85}= 10.2 D_{60}= 2.21 D_{50}= 1.01
D_{30}= 0.289 D_{15}= 0.142 D_{10}= 0.0780
C_u= 28.29 C_c= 0.49

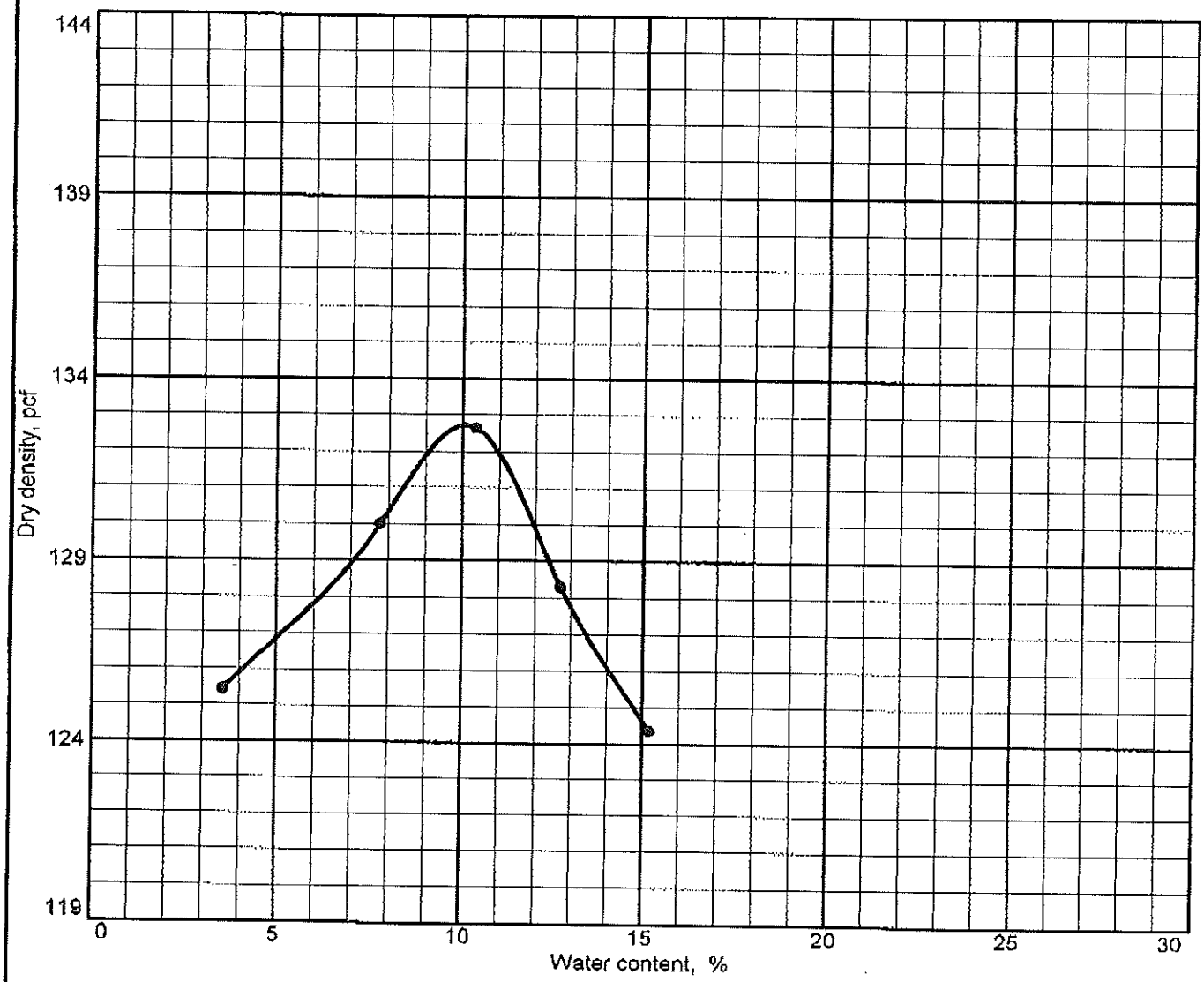
Classification

USCS= SP-SM AASHTO=

Remarks

Post-it® Fax Note	7671	Date 2/5/08	# of pages ▶ 5
To Pat		From Ted Yen	
Co./Dept. NYDOT		Co.	
Phone # 516-294-3217		Phone #	
Fax # 516-294-1375		Fax #	

LABORATORY PROCTOR TEST



Test specification: ASTM D 698-00a Method B Standard

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > 3/8 in.	% < No.200
	USCS	AASHTO						
N/A	SP-SM		N/A	N/A	N/A	N/A	16.3	9.8

TEST RESULTS

Maximum dry density = 133 pcf

Optimum moisture = 10 %

MATERIAL DESCRIPTION

Gray fine sand with largo rocks and silt with some decomposed rock.

Project No. L-0873 **Client:** Ted Yen Associates

Project: Queens Street / Long Island City, NY

Location: In-Place Material **Date:** 11-21-07

Remarks:

The soil sample was taken by Ted Yen, P.E. on October 31, 2007. The soil sample was tested by Independent Testing Labs. on November 21, 2007.

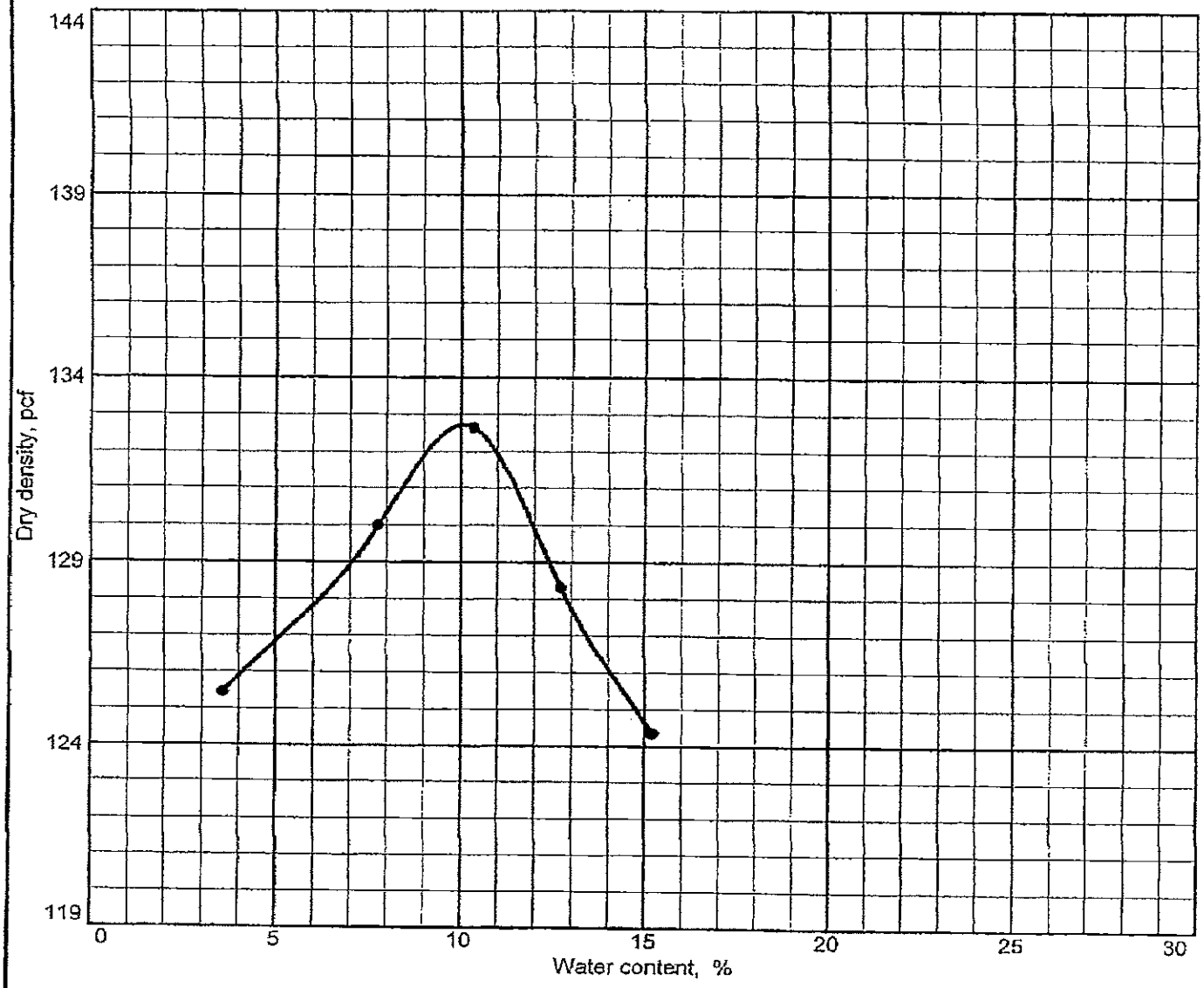
THEODORE J. YEN No. 074950-1 PROFESSIONAL ENGINEER

LABORATORY PROCTOR TEST

INDEPENDENT TESTING LABORATORIES
COLLEGE POINT, NY - PH. (718) 961-8530

Figure

LABORATORY PROCTOR TEST



Test specification: ASTM D 698-00a Method B Standard

Elev/ Depth	Classification		Nat. Moist.	Sp.G.	LL	PI	% > 3/8 in.	% < No.200
	USCS	AASHTO						
N/A	SP-SM		N/A	N/A	N/A	N/A	16.3	9.8

TEST RESULTS

Maximum dry density = 133 pcf

Optimum moisture = 10 %

MATERIAL DESCRIPTION

Gray fine sand with large rocks and silt with some decomposed rock.

Project No. L-0873 **Client:** Ted Yen Associates

Project: Queens Street / Long Island City, NY

Date: 11-21-07

• **Location:** In-Place Material

Remarks:

The soil sample was taken by Ted Yen, P.E. on October 31, 2007. The soil sample was tested by Independent Testing Labs. on November 21, 2007.

LABORATORY PROCTOR TEST

INDEPENDENT TESTING LABORATORIES

COLLEGE POINT, NY * PH. (718) 961-8530

Figure

TAGM 4046 Table 1 - Volatile Organic Contaminants

Table 1
Recommended soil cleanup objectives (mg/kg or ppm)
Volatile Organic Contaminants

Contaminant	Partition Coefficient, Koc	Groundwater Standards/ Criteria, Cw (ug/l or ppb)	a Allowable soil conc., Cs (ppm)	b ** Soil cleanup objectives to protect GW quality (ppm)	USEPA Health Based (ppm)		CRQL (ppb)	*** Rec. Soil Cleanup Objective (ppm)
					Carcin-ogens	Systemic Toxicants		
Acetone	2.2	50	0.0011	0.11	N/A	8,000	10	0.2
Benzene	83	0.7	0.0006	0.06	24	N/A	5	0.06
Benzoic Acid	54 *	50	0.027	2.7	N/A	300,000	5	2.7
2-Butanone	4.5 *	50	0.003	0.3	N/A	4,000	10	0.3
Carbon Disulfide	54 *	50	0.027	2.7	N/A	8,000	5	2.7
Carbon Tetrachloride	110 *	5	0.006	0.6	5.4	60	5	0.6
Chlorobenzene	330	5	0.017	1.7	N/A	2,000	5	1.7
Chloroethane	37 *	50	0.019	1.9	N/A	N/A	10	1.9
Chloroform	31	7	0.003	0.30	114	800	5	0.3
Dibromochloromethane	N/A	50	N/A	N/A	N/A	N/A	5	N/A
1,2-Dichlorobenzene	1,700	4.7	0.079	7.9	N/A	N/A	330	7.9
1,3-Dichlorobenzene	310 *	5	0.0155	1.55	N/A	N/A	330	1.6
1,4-Dichlorobenzene	1,700	5	0.085	8.5	N/A	N/A	330	8.5
1,1-Dichloroethane	30	5	0.002	0.2	N/A	N/A	5	0.2
1,2-Dichloroethane	14	5	0.001	0.1	7.7	N/A	5	0.1
1,1-Dichloroethene	65	5	0.004	0.4	12	700	5	0.4
1,2-Dichloroethene (trans)	59	5	0.003	0.3	N/A	2,000	5	0.3
1-3 dichloropropane	51	5	0.003	0.3	N/A	N/A	5	0.3
Ethylbenzene	1,100	5	0.055	5.5	N/A	8,000	5	5.5
113 Freon (1,1,2 Trichloro-1,2,2 Trifluoroethane)	1,230 *	5	0.060	6.0	N/A	200,000	5	6.0
Methylene chloride	21	5	0.001	0.1	93	5,000	5	0.1
4-Methyl-2-Pentanone	19 *	50	0.01	1.0	N/A	N/A	10	1.0
Tetrachloroethene	277	5	0.014	1.4	14	800	5	1.4
1,1,1-Trichloroethane	152	5	0.0076	0.76	N/A	7,000	5	0.8
1,1,2,2-Tetrachloroethane	118	5	0.006	0.6	35	N/A	5	0.6
1,2,3-trichloropropane	68	5	0.0034	0.34	N/A	80	5	0.4
1,2,4-trichlorobenzene	670 *	5	0.034	3.4	N/A	N/A	330	3.4

TABLE 1

NY DEC VOLATILE ORGANIC CONTAMINANT LIMITS COMPARED TO SAMPLE AD53227 PROGRESS REPORT

Contaminant	Groundwater Standards/ Criteria (ug/l or ppb)	Allowable soil concentrations (ppm)	Soil cleanup objectives to protect GW quality (ppm)	Rec. Soil Cleanup Objective (ppm)	*** Results of multi component analysis ***
Acetone	50	0.0011	0.11	0.2	NO DATA
Benzene	0.7	0.0006	0.06	0.06	NOT DETECTED
Benzoic Acid	50	0.027	2.7	2.7	NO DATA
2-Butanone	50	0.003	0.3	0.3	NO DATA
Carbon Disulfide	50	0.027	2.7	2.7	NOT DETECTED
Carbon Tetrachloride	5	0.006	0.6	0.6	NOT DETECTED
Chlorobenzene	5	0.017	1.7	1.7	NOT DETECTED
Chloroethane	50	0.019	1.9	1.9	NOT DETECTED
Chloroform	7	0.003	0.3	0.3	NOT DETECTED
Dibromochloromethane	50	N/A	N/A	N/A	NO DATA
1,2-Dichlorobenzene	4.7	0.079	7.9	7.9	NOT DETECTED
1,3-Dichlorobenzene	5	0.0155	1.55	1.6	NOT DETECTED
1,4-Dichlorobenzene	5	0.085	8.5	8.5	NOT DETECTED
1,1-Dichloroethane	5	0.002	0.2	0.2	NOT DETECTED
1,2-Dichloroethane	5	0.001	0.1	0.1	NOT DETECTED
1,1-Dichloroethene	5	0.004	0.4	0.4	NO DATA
1,2-Dichloroethene (trans)	5	0.003	0.3	0.3	NO DATA
1-3 dichloropropane	5	0.003	0.3	0.3	NOT DETECTED
Ethylbenzene	5	0.055	5.5	5.5	NOT DETECTED
113 Freon (1,1,2 Trichloro-	5	0.06	6	6	NOT DETECTED

TAGM 4046 Table 2 - Semi-Volatile Organic Contaminants

TABLE 2 - Recommended soil cleanup objectives (mg/kg or ppm) Semi-Volatile Organic Contaminants

Contaminant	Partition Coefficient, Koc	Groundwater Standards/ Criteria, Cw (ug/l or ppb)	a Allowable soil conc., Cs (ppm)	b ** Soil cleanup objectives to protect GW quality (ppm)	USEPA Health Based (ppm)		CRQL (ppb)	*** Rec. Soil Cleanup Objective (ppm)
					Carcin-ogens	Systemic Toxicants		
Acenaphthene	4,600	20	0.9	90.0	N/A	5,000	330	50.0 ***
Acenaphthylene	2,056 *	20	0.41	41.0	N/A	N/A	330	41.0
Aniline	13.8	5	0.001	0.1	123	N/A	330	0.1
Anthracene	14,000	50	7.00	700.0	N/A	20,000	330	50.0 ***
Benzo(a)anthracene	1,380,000	0.002	0.03	3.0	0.224	N/A	330	0.224 or MDL
Benzo (a) pyrene	5,500,000	0.002 (ND)	0.110	11.0	0.0609	N/A	330	0.061 or MDL
Benzo (b) fluoranthene	550,000	0.002	0.011	1.1	N/A	N/A	330	1.1
Benzo (g,h,i) perylene	1,600,000	5	8.0	800	N/A	N/A	330	50.0 ***
Benzo (k) fluoranthene	550,000	0.002	0.011	1.1	N/A	N/A	330	1.1
bis(2-ethylhexyl) phthalate	8,706 *	50	4.35	435.0	50	2,000	330	50.0 ***
Butylbenzylphthlate	2,430	50	1.215	122.0	N/A	20,000	330	50.0 ***
Chrysene	200,000	0.002	0.004	0.4	N/A	N/A	330	0.4
4- Chloroaniline	43 ****	5	0.0022	0.22	200	300	330	0.220 or MDL
4-Chloro-3-methylphenol	47	5	0.0024	0.24	N/A	N/A	330	0.240 or MDL
2-Chlorophenol	15 *	50	0.008	0.8	N/A	400	330	0.8
Dibenzofuran	1,230 *	5	0.062	6.2	N/A	N/A	330	6.2
Dibenzo(a,h) anthracene	33,000,000	50	1,650	165,000	0.0143	N/A	330	0.014 or MDL
3,3'-Dichlorobenzidine	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2,4-Dichlorophenol	380	1	0.004	0.4	N/A	200	330	0.4
2,4-Dinitrophenol	38	5	0.002	0.2	N/A	200	1,600	0.200 or MDL
2,6 Dinitrotoluene	198*	5	0.01	1.0	1.03	N/A	330	1.0
Diethylphthlate	142	50	0.071	7.1	N/A	60,000	330	7.1
Dimethylphthlate	40	50	0.020	2.0	N/A	80,000	330	2.0
Di-n-butyl phthalate	162*	50	0.081	8.1	N/A	8,000	330	8.1
Di-n-octyl phthlate	2,346 *	50	1.2	120.0	N/A	2,000	330	50.0 ***
Fluoranthene	38,000	50	19	1900.0	N/A	3,000	330	50.0 ***
Fluorene	7,300	50	3.5	350.0	N/A	3,000	330	50.0 ***

TABLE 2

NY DEC SEMI-VOLATILE ORGANIC CONTAMINANT LIMITS COMPARED TO SAMPLE AD53227 PROGRESS REPORT

Contaminant	Groundwater Standards/ Criteria (ug/l or ppb)	Allowable soil concentrations (ppm)	Soil cleanup objectives to protect GW quality (ppm)	Rec. Soil Cleanup Objective (ppm)	*** Results of multi component analysis ***
Acenaphthene	20	0.9	90.0	50.0 ***	NOT DETECTED
Acenaphthylene	20	0.41	41.0	41.0	NOT DETECTED
Aniline	5	0.001	0.1	0.1	NO DATA
Anthracene	50	7.00	700.0	50.0 ***	NOT DETECTED
Benzo(a)anthracene	0.002	0.03	3.0	0.224 or MDL	NOT DETECTED
Benzo (a) pyrene	0.002 (ND)	0.110	11.0	0.061 or MDL	NOT DETECTED
Benzo (b) fluoranthene	0.002	0.011	1.1	1.1	NOT DETECTED
Benzo (g,h,i) perylene	5	8.0	800	50.0 ***	NOT DETECTED
Benzo (k) fluoranthene	0.002	0.011	1.1	1.1	NOT DETECTED
bis(2-ethylhexyl)phthalate	50	4.35	435.0	50.0 ***	NOT DETECTED
Butylbenzylphthlate	50	1.215	122.0	50.0 ***	NOT DETECTED
Chrysene	0.002	0.004	0.4	0.4	NOT DETECTED
4- Chloroaniline	5	0.0022	0.22	0.220 or MDL	NOT DETECTED
4-Chloro-3-methylphenol	5	0.0024	0.24	0.240 or MDL	NOT DETECTED
2-Chlorophenol	50	0.008	0.8	0.8	NO DATA
Dibenzofuran	5	0.062	6.2	6.2	NOT DETECTED
Dibenzo(a,h)anthracene	50	1,650	165,000	0.014 or MDL	NOT DETECTED
3,3'-Dichlorobenzidine	N/A	N/A	N/A	N/A	NOT DETECTED
2,4-Dichlorophenol	1	0.004	0.4	0.4	NOT DETECTED
2,4-Dinitrophenol	5	0.002	0.2	0.200 or MDL	NOT DETECTED
2,6 Dinitrotoluene	5	0.01	1.0	1.0	NOT DETECTED

TAGM 4046 Table 3 - Organic Pesticides/Herbicides and PCBs

Table 3
Recommended soil cleanup objectives (mg/kg or ppm)
Organic Pesticides / Herbicides and PCBs

Contaminant	Partition Coefficient, Koc	Groundwater Standards/ Criteria, Cw (ug/l or ppb)	a Allowable soil conc., Cs (ppm)	b ** Soil cleanup objectives to protect GW quality (ppm)	USEPA Health Based (ppm)		CRQL (ppb)	*** Rec. Soil Cleanup Objective (ppm)
					Carcin-ogens	Systemic Toxicants		
Aldrin	96,000	ND (<0.01)	0.005	0.5	0.041	2	8	0.041
alpha- BHC	3,800	ND (<0.05)	0.002	0.2	0.111	N/A	8	0.11
beta - BHC	3,800	ND (<0.05)	0.002	0.2	3.89	N/A	8	0.2
delta - BHC	6,600	ND (<0.05)	0.003	0.3	N/A	N/A	8	0.3
Chlordane	21,305 *	0.1	0.02	2.0	0.54	50	80	0.54
2,4-D	104 *	4.4	0.005	0.5	N/A	800	800	0.5
4,4'- DDD	770,000 *	ND (<0.01)	0.077	7.7	2.9	N/A	16	2.9
4,4'-DDE	440,000 *	ND (<0.01)	0.0440	4.4	2.1	N/A	16	2.1
4,4'-DDT	243,000 *	ND (<0.01)	0.025	2.5	2.1	40	16	2.1
Dibenzo-P-dioxins (PCDD) 2,3,7,8 TCDD	1709800	0.000035	0.0006	0.06	N/A	N/A	N/A	N/A
Dieldrin	10,700 *	ND (<0.01)	0.0010	0.1	0.044	4	16	0.044
Endosulfan I	8,168 *	0.1	0.009	0.9	N/A	N/A	16	0.9
Endosulfan II	8,031 *	0.1	0.009	0.9	N/A	N/A	16	0.9
Endosulfan Sulfate	10,038 *	0.1	0.01	1.0	N/A	N/A	16	1.0
Endrin	9,157 *	ND (<0.01)	0.001	0.1	N/A	20	8	0.10
Endrin keytone	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
gamma - BHC (Lindane)	1,080	ND (<0.05)	0.0006	0.06	5.4	20	8	0.06
gamma - chlordane	140,000	0.1	0.14	14.0	0.54	5	80	0.54
Heptachlor	12,000	ND (<0.01)	0.0010	0.1	0.16	40	8	0.10
Heptachlor epoxide	220	ND (<0.01)	0.0002	0.02	0.077	0.8	8	0.02
Methoxychlor	25,637	35.0	9.0	900	N/A	400	80	***
Mitotane	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Parathion	760	1.5	0.012	1.2	N/A	500	8	1.2
PCBs	17,510 *	0.1	0.1	10.0	1.0	N/A	160	1.0 (Surface) 10 (sub-surf)
Polychlorinated dibenzo-furans (PCDF)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Silvex	2,600	0.26	0.007	0.7	N/A	600	330	0.7
2,4,5-T	53	35	0.019	1.9	N/A	200	330	1.9

TABLE 3

NY DEC ORGANIC PESTCIDES/HERBICIDES AND PCB LIMITS COMPARED TO SAMPLE AD53227 PROGRESS REPORT

Contaminant	Groundwater Standards/ Criteria (ug/l or ppb)	Allowable soil concentrations (ppm)	Soil cleanup objectives to protect GW quality (ppm)	Rec. Soil Cleanup Objective (ppm)	*** Results of multi component analysis ***
Aldrin	ND (<0.01)	0.005	0.5	0.041	NOT DETECTED
alpha- BHC	ND (<0.05)	0.002	0.2	0.11	NOT DETECTED
beta - BHC	ND (<0.05)	0.002	0.2	0.2	NOT DETECTED
delta - BHC	ND (<0.05)	0.003	0.3	0.3	NOT DETECTED
Chlordane	0.1	0.02	2.0	0.54	NOT DETECTED
2,4-D	4.4	0.005	0.5	0.5	NO DATA
4,4'- DDD	ND (<0.01)	0.077	7.7	2.9	NOT DETECTED
4,4'-DDE	ND (<0.01)	0.0440	4.4	2.1	NOT DETECTED
4,4'-DDT	ND (<0.01)	0.025	2.5	2.1	NOT DETECTED
Dibenzo-P-dioxins (PCDD) 2,3,7,8 TCDD	0.000035	0.0006	0.06	N/A	NO DATA
Dieldrin	ND (<0.01)	0.0010	0.1	0.044	NOT DETECTED
Endosulfan I	0.1	0.009	0.9	0.9	NOT DETECTED
Endosulfan II	0.1	0.009	0.9	0.9	NOT DETECTED
Endosulfan Sulfate	0.1	0.01	1.0	1.0	NOT DETECTED
Endrin	ND (<0.01)	0.001	0.1	0.10	NOT DETECTED
Endrin keytone	N/A	N/A	N/A	N/A	NO DATA
gamma - BHC (Lindane)	ND (<0.05)	0.0006	0.06	0.06	NOT DETECTED
gamma - chlordane	0.1	0.14	14.0	0.54	NOT DETECTED
Heptachlor	ND (<0.01)	0.0010	0.1	0.10	NOT DETECTED
Heptachlor epoxide	ND (<0.01)	0.0002	0.02	0.02	NOT DETECTED
Methoxychlor	35.0	9.0	900	***	NOT DETECTED

TAGM 4046 Table 4 - Heavy Metals

TABLE 4
Recommended soil cleanup objectives (mg/kg or ppm)
Heavy Metals

Contaminants	Protect Water Quality (ppm)	Eastern USA Background (ppm)	* CRDL (mg/kg or ppm)	***** Rec. Soil Cleanup Objective (ppm)
Aluminum	N/A	33,000	2.0	SB
Antimony	N/A	N/A	0.6	SB
Arsenic	N/A	3-12 **	0.1	7.5 or SB
Barium	N/A	15-600	2.0	300 or SB
Beryllium	N/A	0-1.75	0.05	0.16 (HEAST) or SB
Cadmium	N/A	0.1-1	0.05	1 or SB
Calcium	N/A	130 - 35,000 ***	50.0	SB
Chromium	N/A	1.5 - 40 **	0.1	10 or SB
Cobalt	N/A	2.5 - 60 **	0.5	30 or SB
Copper	N/A	1 - 50	0.25	25 or SB
Cyanide	N/A	N/A	0.1	***
Iron	N/A	2,000 - 550,000	1.0	2,000 or SB
Lead	N/A	****	0.03	SB ****
Magnesium	N/A	100 - 5,000	50.0	SB
Manganese	N/A	50 - 5,000	0.15	SB
Mercury	N/A	0.001 - 0.2	0.002	0.1
Nickel	N/A	0.5 -25	0.4	13 or SB
Potassium	N/A	8,500 - 43,000 **	50.0	SB
Selenium	N/A	0.1 - 3.9	0.05	2 or SB
Silver	N/A	N/A	0.1	SB
Sodium	N/A	6,000 - 8,000	50.0	SB
Thallium	N/A	N/A	0.1	SB
Vanadium	N/A	1-300	0.5	150 or SB
Zinc	N/A	9-50	0.2	20 or SB

Note: Some forms of metal salts such as Aluminum Phosphide, Calcium Cyanide,

TABLE 4
NY DEC ORGANIC HEAVY METALS LIMITS COMPARED TO SAMPLE AD53227 PROGRESS REPORT

Contaminants	Protect Water Quality (ppm)	Eastern USA Background (ppm)	Rec. Soil Cleanup Objective (ppm)	*** Results of multi component analysis ***
Aluminum	N/A	33,000	SB	10500
Antimony	N/A	N/A	SB	6.74
Arsenic	N/A	3-12 **	7.5 or SB	4.21
Barium	N/A	15-600	300 or SB	171
Beryllium	N/A	0-1.75	0.16 (HEAST) or SB	NOT DETECTED
Cadmium	N/A	0.1-1	1 or SB	NOT DETECTED
Calcium	N/A	130 - 35,000 ***	SB	1050
Chromium	N/A	1.5 - 40 **	10 or SB	20.4
Cobalt	N/A	2.5 - 60 **	30 or SB	13.7
Copper	N/A	1 – 50	25 or SB	28.3
Cyanide	N/A	N/A	***	NO DATA
Iron	N/A	2,000 – 550,000	2,000 or SB	18400
Lead	N/A	****	SB ****	3.78
Magnesium	N/A	100 - 5,000	SB	5510
Manganese	N/A	50 - 5,000	SB	186
Mercury	N/A	0.001 - 0.2	0.1	NO DATA
Nickel	N/A	0.5 -25	13 or SB	24.0
Potassium	N/A	8,500 - 43,000 **	SB	2960
Selenium	N/A	0.1 - 3.9	2 or SB	NOT DETECTED
Silver	N/A	N/A	SB	NOT DETECTED
Sodium	N/A	6,000 - 8,000	SB	78.6
Thallium	N/A	N/A	SB	NOT DETECTED
Vanadium	N/A	1-300	150 or SB	29.3
Zinc	N/A	9-50	20 or SB	NOT DETECTED

SB Site Background

N/A Not Available

** New York State Background

Sample Progress Report

York Analytical Laboratories, Inc.
User: Rebollar, Donna
Date: 11-13-2007 Time: 14:34:23

Sample ID: AD53227
Status: Analyses Incomplete
Matrix: SOIL
Storage Location: RED
Client Code: DONCARLO
Special Instructions: SUB ASBESTOS
Yprojsid: 07110158-01
Samporig: NY
Cliproj: TY-Queens St.

Date collected: 11/01/07 00:00
Date submitted: 11/02/07 12:34
Due date: 11/09/07 23:59
Specification checking: off
Descript: Stockpile
Project_Identification: 07110158
Author_: Verbal: Luis Gomez
Priority: 5 DAY

Analysis	Viol	Result	MDL	Unit	Rlt Origin	Due Date	Started	Ended	Anl
Volatiles, 8260 List		Completed	5.0	ug/Kg	manual	11/14/07	11/09/07 10:04	11/09/07 10:04	SS
BNA, 8270 List		Completed	165	ug/Kg	manual	11/09/07	11/08/07 10:19	11/08/07 10:19	SN
Extraction of soils for BNAs		Completed			manual	11/15/07	11/07/07 13:44	11/07/07 13:44	SC
Pesticides, 8081 List		Completed	10	ug/Kg	manual	11/09/07	11/12/07 14:03	11/12/07 14:03	JW
PCB		Completed	0.02	mg/Kg	manual	11/09/07	11/12/07 14:03	11/12/07 14:03	JW
Extrn-soils for pest/pcb8080		Completed			manual	11/15/07	11/10/07 13:36	11/10/07 13:36	DG
Metals, Target Analyte List (TAL)		Completed	1.00	mg/kg	manual	11/08/07	11/13/07 10:09	11/13/07 10:09	MW
METALS DIGESTION FOR SOLIDS		Completed			manual	11/09/07	11/07/07 13:28	11/07/07 13:28	AA
Mercury		Not detected	0.10	mg/kG	manual	11/09/07	11/07/07 20:39	11/07/07 20:39	AA
Asbestos		---			manual	11/01/07	11/05/07 12:46	11/05/07 12:46	SAM
2.5% Surcharge		Completed							

Results of multicomponent analysis **Volatiles, 8260 List**
Result source: **MANUAL ENTRY**

Analyte Name	Viol	Result	MDL
Benzene		Not detected	10
Bromobenzene		Not detected	10
Bromochloromethane		Not detected	10
Bromodichloromethane		Not detected	10
Bromoform		Not detected	10
Bromomethane		Not detected	10
n-Butylbenzene		Not detected	10
sec-Butylbenzene		Not detected	10
tert-Butylbenzene		Not detected	10
Carbon tetrachloride		Not detected	10
Chlorobenzene		Not detected	10
Chloroethane		Not detected	10
Chloroform		Not detected	10
1-Chlorohexane		Not detected	10
Chloromethane		Not detected	10
2-Chlorotoluene		Not detected	10
4-Chlorotoluene		Not detected	10
Dibromochloromethane		Not detected	10
1,2-Dibromo-3-chloropropane		Not detected	10
1,2-Dibromoethane		Not detected	10
Dibromomethane		Not detected	10
1,2-Dichlorobenzene		Not detected	10
1,3-Dichlorobenzene		Not detected	10
1,4-Dichlorobenzene		Not detected	10
Dichlorodifluoromethane		Not detected	10
1,1-Dichloroethane		Not detected	10
1,2-Dichloroethane		Not detected	10
1,1-Dichloroethylene		Not detected	10
1,2-Dichloroethylene (Total)		Not detected	10
1,2-Dichloropropane			

Sample AD53227 Progress Report (continued):

Results of multicomponent analysis **Volatiles, 8260 List (continued)**
Result source: **MANUAL ENTRY**

Analyte Name	Viol	Result	MDL
1,3-Dichloropropane		Not detected	10
2,2-Dichloropropane		Not detected	10
1,1-Dichloropropylene		Not detected	10
cis-1,3-Dichloropropylene		Not detected	10
trans-1,3-Dichloropropylene		Not detected	10
Ethylbenzene		Not detected	10
Hexachlorobutadiene		Not detected	10
Isopropylbenzene		Not detected	10
p-Isopropyltoluene		Not detected	10
Methylene chloride		Not detected	10
Naphthalene		Not detected	10
n-Propylbenzene		Not detected	10
Styrene		Not detected	10
1,1,1,2-Tetrachloroethane		Not detected	10
1,1,2,2-Tetrachloroethane		Not detected	10
Tetrachloroethylene		Not detected	10
Toluene		Not detected	10
1,2,3-Trichlorobenzene		Not detected	10
1,2,4-Trichlorobenzene		Not detected	10
1,1,1-Trichloroethane		Not detected	10
1,1,2-Trichloroethane		Not detected	10
Trichloroethylene		Not detected	10
Trichlorofluoromethane		Not detected	10
1,2,3-Trichloropropane		Not detected	10
1,2,3-Trimethylbenzene		Not detected	10
1,2,4-Trimethylbenzene		Not detected	10
1,3,5-Trimethylbenzene		Not detected	10
Vinyl chloride		Not detected	10
o-Xylene		Not detected	10
p- & m-Xylenes		Not detected	10
MTBE			

Results of multicomponent analysis **BNA, 8270 List**
Result source: **MANUAL ENTRY**

Analyte Name	Viol	Result	MDL
Acenaphthene		Not detected	165
Acenaphthylene		Not detected	165
Anthracene		Not detected	165
Benzo(a)anthracene		Not detected	165
Benzo(b)fluoranthene		Not detected	165
Benzo(k)fluoranthene		Not detected	165
Benzo(g,h,i)perylene		Not detected	165
Benzo(a)pyrene		Not detected	165
Benzyl alcohol		Not detected	165
Bis(2-chloroethoxy)methane		Not detected	165
Bis(2-chloroethyl)ether		Not detected	165
Bis(2-chloroisopropyl)ether		Not detected	165
Bis(2-ethylhexyl)phthalate		Not detected	165
4-Bromophenyl phenyl ether		Not detected	165
Butyl benzyl phthalate		Not detected	165
4-Chloroaniline		Not detected	165
2-Chloronaphthalene			

(2)

Sample AD53227 Progress Report (continued):

Results of multicomponent analysis **BNA, 8270 List (continued)**
Result source: **MANUAL ENTRY**

Analyte Name	Viol	Result	MDL
4-Chloro-3-methyl phenol		Not detected	165
2-Chlorophenol		Not detected	165
4-Chlorophenyl phenyl ether		Not detected	165
Chrysene		Not detected	165
Dibenz(a,h)anthracene		Not detected	165
Dibenzofuran		Not detected	165
Di-n-butylphthalate		Not detected	165
1,3-Dichlorobenzene		Not detected	165
1,4-Dichlorobenzene		Not detected	165
1,2-Dichlorobenzene		Not detected	165
3,3'-Dichlorobenzidine		Not detected	165
2,4-Dichlorophenol		Not detected	165
Diethylphthalate		Not detected	165
2,4-Dimethylphenol		Not detected	165
Dimethylphthalate		Not detected	165
4,6-Dinitro-2-methylphenol		Not detected	165
2,4-Dinitrophenol		Not detected	165
2,4-Dinitrotoluene		Not detected	165
2,6-Dinitrotoluene		Not detected	165
Di-n-octylphthalate		Not detected	165
Fluoranthene		Not detected	165
Fluorene		Not detected	165
Hexachlorobenzene		Not detected	165
Hexachlorobutadiene		Not detected	165
Hexachlorocyclopentadiene		Not detected	165
Hexachloroethane		Not detected	165
Indeno(1,2,3-cd)pyrene		Not detected	165
Isophorone		Not detected	165
2-Methylnaphthalene		Not detected	165
2-Methylphenol		Not detected	165
4-Methylphenol		Not detected	165
Naphthalene		Not detected	165
2-Nitroaniline		Not detected	165
3-Nitroaniline		Not detected	165
4-Nitroaniline		Not detected	165
Nitrobenzene		Not detected	165
2-Nitrophenol		Not detected	165
4-Nitrophenol		Not detected	165
N-Nitrosodiphenylamine		Not detected	165
N-Nitrosodi-n-propylamine		Not detected	165
Pentachlorophenol		Not detected	165
Phenanthrene		Not detected	165
Phenol		Not detected	165
Pyrene		Not detected	165
1,2,4-Trichlorobenzene		Not detected	165
2,4,5-Trichlorophenol		Not detected	165
2,4,6-Trichlorophenol		Not detected	165
Benzidine		Not detected	165
3-Methylphenol		Not detected	165
Pyridine		Not detected	165
Aniline			

(3)

Sample AD53227 Progress Report (continued):

Results of multicomponent analysis **Pesticides, 8081 List**
Result source: **MANUAL ENTRY**

Analyte Name	Viol	Result	MDL
Aldrin		Not detected	8.00
alpha-BHC		Not detected	8.00
beta-BHC		Not detected	8.00
delta-BHC		Not detected	8.00
gamma-BHC (Lindane)		Not detected	8.00
4,4'-DDD		Not detected	16.0
4,4'-DDE		Not detected	16.0
4,4'-DDT		Not detected	16.0
Dieldrin		Not detected	3.30
Endosulfan I		Not detected	8.00
Endosulfan II		Not detected	16.0
Endosulfan sulfate		Not detected	16.0
Endrin		Not detected	16.0
Endrin aldehyde		Not detected	16.0
Heptachlor		Not detected	8.00
Heptachlor epoxide		Not detected	8.00
Methoxychlor		Not detected	80.0
Toxaphene		Not detected	200
Chlordane, Total		Not detected	20.0

Results of multicomponent analysis **PCB**
Result source: **MANUAL ENTRY**

Analyte Name	Viol	Result	MDL
PCB 1016		Not detected	0.017
PCB 1221		Not detected	0.017
PCB 1232		Not detected	0.017
PCB 1242		Not detected	0.017
PCB 1248		Not detected	0.017
PCB 1254		Not detected	0.017
PCB 1260		Not detected	0.017

Results of multicomponent analysis **Metals, Target Analyte List (TAL)**
Result source: **MANUAL ENTRY**

Analyte Name	Viol	Result	MDL
Aluminum		10500	1.00
Antimony		6.74	1.00
Arsenic		4.21	1.00
Barium		171	1.00
Beryllium		Not detected	0.500
Cadmium		Not detected	0.500
Calcium		1050	2.00
Chromium		20.4	0.500
Cobalt		13.7	1.00
Copper		28.3	1.00
Iron		18400	1.00
Lead		3.78	1.00
Magnesium		5510	2.00
Manganese		186	1.00
Nickel		24.0	1.00

Sample AD53227 Progress Report (continued):

Results of multicomponent analysis **Metals, Target Analyte List (TAL) (continued)**
Result source: **MANUAL ENTRY**

Analyte Name	Viol	Result	MDL
Potassium		2960	3.00
Selenium		Not detected	1.00
Silver		Not detected	1.00
Sodium		78.6	5.00
Thallium		Not detected	1.00
Vanadium		29.3	2.00
Zinc		61.0	2.00

End of progress report on sample: **AD53227**

AMERICAN ANALYTICAL LABORATORIES

NYSDOH 11418
NJDEP NY050
CTDOH PH-0205
PADEP 68-00573

Monday, March 10, 2008

Mark Waznys
Environmental Energy Associates, Inc.
57 Verdi Street
Farmingdale, New York 11735

TEL: (631) 420-1866
FAX (631) 420-1767

RE: S3 East Side Access Muck Pile

Order No.: 0803001

Dear Mark Waznys:

American Analytical Laboratories, LLC. received 2 sample(s) on 3/3/2008 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer
Lab Director

American Analytical Laboratories, LLC.

Date: *10-Mar-08*

CLIENT: Environmental Energy Associates, Inc.
Project: S3 East Side Access Muck Pile
Lab Order: 0803001

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Date Collected	Date Received
0803001-01A	East Side Access		3/3/2008 10:45:00 AM	3/3/2008
0803001-02A	East Side Access		3/3/2008 10:45:00 AM	3/3/2008

CHAIN OF CUSTODY

AMERICAN ANALYTICAL LABORATORIES

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 • (631) 454-6100 • FAX: (631) 454-8027

AMERICAN ANALYTICAL LABORATORIES
56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX (631) 454-8027

TAG # / COC _____

NYSDOH 11418
CTDOH PH-0205
NJDEP NY050
PADEP 68-573

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: EEA

CONTACT: WAZNYS

SAMPLER (SIGNATURE):

SAMPLER NAME (PRINT): Vincent F. Marro

SAMPLE(S) SEALED: YES / NO

CORRECT CONTAINER(S): YES / NO

PROJECT LOCATION: S3 East Side Access mucking.

LABORATORY ID #	MATRIX	# CONTAINERS	SAMPLING DATE/ TIME	SAMPLE # - LOCATION	ANALYSIS REQUIRED: VOC	TAL Metals	FOR METHANOL PRESERVED SAMPLES [VOLATILE VIAL #]
0803001-01A	S	2	3/3/08 1045	East Side Access	✓		
-02A	S	2	3/3/08 1045	East Side Access		✓	

COOLER TEMPERATURE:

MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL
TYPE G=GRAB; C=COMPOSITE, SS=SPLIT SPOON

TURNAROUND REQUIRED: 10 Business Day

NORMAL ☐ STAT ☐ BY / /

COMMENTS / INSTRUCTIONS: Tom

RELINQUISHED BY (SIGNATURE)	DATE 3/3 TIME 12:30	PRINTED NAME Vincent F. Marro	RECEIVED BY LAB (SIGNATURE) Karen Kelly	DATE 3/3/08 TIME 12:32	PRINTED NAME K. Kelly
RELINQUISHED BY (SIGNATURE)	DATE TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE TIME	PRINTED NAME

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC
56 TOLEDO STREET
FARMINGDALE, NEW YORK 11735
TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value.
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
B	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
H	Indicates sample was received and/or analyzed outside of the method allowable holding time.

SDG NARRATIVE

American Analytical Laboratories, LLC. Date: *10-Mar-08*

CLIENT: Environmental Energy Associates, Inc.
Project: S3 East Side Access Muck Pile
Lab Order: 0803001

CASE NARRATIVE

Sample "East Side Access" was analyzed using the methods outlined in the following references:

Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, 3rd Edition as detailed throughout the text of the report for the TAGM list of regulated parameters.

This sample required a secondary diluted analysis for Iron/Aluminum and Potassium. Results are hybridized on the Form I/Results sheet.

DATES REPORTS

Lab Order: 0803001
Client: Environmental Energy Associates, Inc.
Project: S3 East Side Access Muck Pile

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
0803001-01A	East Side Access	3/3/2008 10:45:00 AM	Soil	PERCENT MOISTURE			3/3/2008
				VOLATILE SW-846 METHOD 8260		3/3/2008	3/4/2008
0803001-02A				CYANIDE, TOTAL			3/5/2008
				HERBICIDES SW-846 8321		3/6/2008	3/6/2008
				MERCURY		3/6/2008	3/6/2008
				PCB's as AROCLORS SW-846 METHOD 8082		3/3/2008	3/3/2008
				PERCENT MOISTURE			3/3/2008
				PESTICIDES SW-846 METHOD 8081		3/3/2008	3/4/2008
				SEMIVOLATILE SW-846 8270		3/3/2008	3/3/2008
				TAGM METALS		3/5/2008	3/6/2008
				TAGM METALS		3/5/2008	3/6/2008

ANALYTICAL RESULTS

American Analytical Laboratories, LLC.

Date: *10-Mar-08*

CLIENT:	Environmental Energy Associates, Inc.	**Client Sample ID:**	East Side Access
Lab Order:	0803001	**Tag Number:**	
Project:	S3 East Side Access Muck Pile	**Collection Date:**	3/3/2008 10:45:00 AM
Lab ID:	0803001-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		D2216				Analyst: GE
Percent Moisture	4.75	0		wt%	1	3/3/2008
VOLATILE SW-846 METHOD 8260		SW8260B				Analyst: LA
1,1,1,2-Tetrachloroethane	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
1,1,1-Trichloroethane	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
1,1,2,2-Tetrachloroethane	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
1,1,2-Trichloroethane	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
1,1-Dichloroethane	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
1,1-Dichloroethene	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
1,1-Dichloropropene	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
1,2,3-Trichlorobenzene	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
1,2,3-Trichloropropane	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
1,2,4,5-Tetramethylbenzene	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
1,2,4-Trichlorobenzene	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
1,2,4-Trimethylbenzene	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
1,2-Dibromo-3-chloropropane	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
1,2-Dibromoethane	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
1,2-Dichlorobenzene	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
1,2-Dichloroethane	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
1,2-Dichloropropane	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
1,3,5-Trimethylbenzene	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
1,3-Dichlorobenzene	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
1,3-dichloropropane	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
1,4-Dichlorobenzene	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
1,4-Dioxane	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
2,2-Dichloropropane	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
2-Butanone	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
2-Chloroethyl vinyl ether	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
2-Chlorotoluene	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
2-Hexanone	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
2-Propanol	U	51		µg/Kg-dry	1	3/4/2008 3:37:00 PM
4-Chlorotoluene	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
4-Isopropyltoluene	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
4-Methyl-2-pentanone	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
Acetone	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
Acrolein	U	25		µg/Kg-dry	1	3/4/2008 3:37:00 PM
Acrylonitrile	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
Benzene	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
Bromobenzene	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *10-Mar-08*

CLIENT:	Environmental Energy Associates, Inc.	**Client Sample ID:**	East Side Access
Lab Order:	0803001	**Tag Number:**	
Project:	S3 East Side Access Muck Pile	**Collection Date:**	3/3/2008 10:45:00 AM
Lab ID:	0803001-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: LA
Bromochloromethane	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
Bromodichloromethane	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
Bromoform	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
Bromomethane	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
Carbon disulfide	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
Carbon tetrachloride	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
Chlorobenzene	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
Chlorodifluoromethane	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
Chloroethane	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
Chloroform	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
Chloromethane	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
cis-1,2-Dichloroethene	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
cis-1,3-Dichloropropene	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
Dibromochloromethane	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
Dibromomethane	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
Dichlorodifluoromethane	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
Diisopropyl ether	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
Ethanol	U	25		µg/Kg-dry	1	3/4/2008 3:37:00 PM
Ethyl acetate	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
Ethylbenzene	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
Freon-114	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
Hexachlorobutadiene	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
Isopropyl acetate	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
Isopropylbenzene	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
m,p-Xylene	U	10		µg/Kg-dry	1	3/4/2008 3:37:00 PM
Methyl tert-butyl ether	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
Methylene chloride	14	5.1	B	µg/Kg-dry	1	3/4/2008 3:37:00 PM
n-Amyl acetate	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
Naphthalene	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
n-Butyl acetate	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
n-Butylbenzene	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
n-Propyl acetate	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
n-Propylbenzene	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
o-Xylene	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
p-Diethylbenzene	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
p-Ethyltoluene	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
sec-Butylbenzene	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
Styrene	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
t-Butyl alcohol	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *10-Mar-08*

CLIENT:	Environmental Energy Associates, Inc.	**Client Sample ID:**	East Side Access
Lab Order:	0803001	**Tag Number:**	
Project:	S3 East Side Access Muck Pile	**Collection Date:**	3/3/2008 10:45:00 AM
Lab ID:	0803001-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**				Analyst: LA
tert-Butylbenzene	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
Tetrachloroethene	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
Toluene	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
trans-1,2-Dichloroethene	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
trans-1,3-Dichloropropene	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
Trichloroethene	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
Trichlorofluoromethane	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
Vinyl acetate	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
Vinyl chloride	U	5.1		µg/Kg-dry	1	3/4/2008 3:37:00 PM
Surr: 4-Bromofluorobenzene	103	61-133		%REC	1	3/4/2008 3:37:00 PM
Surr: Dibromofluoromethane	104	61-139		%REC	1	3/4/2008 3:37:00 PM
Surr: Toluene-d8	107	57-131		%REC	1	3/4/2008 3:37:00 PM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *10-Mar-08*

CLIENT:	Environmental Energy Associates, Inc.	**Client Sample ID:**	East Side Access
Lab Order:	0803001	**Tag Number:**	
Project:	S3 East Side Access Muck Pile	**Collection Date:**	3/3/2008 10:45:00 AM
Lab ID:	0803001-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY		**SW7471B**		**SW7471B**		Analyst: **AH**
Mercury	U	0.00959		mg/Kg-dry	1	3/6/2008 12:11:39 PM
PCB'S AS AROCLORS SW-846 METHOD 8082		**SW8082A**		**SW3550**		Analyst: **KF**
Aroclor 1242	U	83		µg/Kg-dry	1	3/3/2008 11:25:00 PM
Aroclor 1254	U	83		µg/Kg-dry	1	3/3/2008 11:25:00 PM
Aroclor 1221	U	83		µg/Kg-dry	1	3/3/2008 11:25:00 PM
Aroclor 1232	U	83		µg/Kg-dry	1	3/3/2008 11:25:00 PM
Aroclor 1248	U	83		µg/Kg-dry	1	3/3/2008 11:25:00 PM
Aroclor 1260	U	83		µg/Kg-dry	1	3/3/2008 11:25:00 PM
Aroclor 1016	U	83		µg/Kg-dry	1	3/3/2008 11:25:00 PM
Surr: TCX	96.5	26-136		%REC	1	3/3/2008 11:25:00 PM
Surr: DCB	106	21-133		%REC	1	3/3/2008 11:25:00 PM
PESTICIDES SW-846 METHOD 8081		**SW8081B**		**SW3550**		Analyst: **MMR**
4,4'-DDD	U	5.2		µg/Kg-dry	1	3/4/2008 2:27:00 PM
4,4'-DDE	U	5.2		µg/Kg-dry	1	3/4/2008 2:27:00 PM
4,4'-DDT	U	5.2		µg/Kg-dry	1	3/4/2008 2:27:00 PM
Aldrin	U	5.2		µg/Kg-dry	1	3/4/2008 2:27:00 PM
alpha-BHC	U	5.2		µg/Kg-dry	1	3/4/2008 2:27:00 PM
beta-BHC	U	5.2		µg/Kg-dry	1	3/4/2008 2:27:00 PM
Chlordane	U	16		µg/Kg-dry	1	3/4/2008 2:27:00 PM
delta-BHC	U	5.2		µg/Kg-dry	1	3/4/2008 2:27:00 PM
Dieldrin	U	5.2		µg/Kg-dry	1	3/4/2008 2:27:00 PM
Endosulfan I	U	5.2		µg/Kg-dry	1	3/4/2008 2:27:00 PM
Endosulfan II	U	5.2		µg/Kg-dry	1	3/4/2008 2:27:00 PM
Endosulfan sulfate	U	5.2		µg/Kg-dry	1	3/4/2008 2:27:00 PM
Endrin	U	5.2		µg/Kg-dry	1	3/4/2008 2:27:00 PM
Endrin ketone	U	5.2		µg/Kg-dry	1	3/4/2008 2:27:00 PM
gamma-BHC	U	5.2		µg/Kg-dry	1	3/4/2008 2:27:00 PM
Heptachlor	U	5.2		µg/Kg-dry	1	3/4/2008 2:27:00 PM
Heptachlor epoxide	U	5.2		µg/Kg-dry	1	3/4/2008 2:27:00 PM
Methoxychlor	U	5.2		µg/Kg-dry	1	3/4/2008 2:27:00 PM
Surr: DCB	116	31-133		%REC	1	3/4/2008 2:27:00 PM
Surr: TCX	81.1	32-132		%REC	1	3/4/2008 2:27:00 PM
HERBICIDES SW-846 8321		**SW8321A**		**SW8321A**		Analyst: **AR**
2,4,5-T	U	110		µg/Kg-dry	1	3/6/2008 2:42:22 PM
2,4,5-TP (Silvex)	U	110		µg/Kg-dry	1	3/6/2008 2:42:22 PM
2,4-D	U	110		µg/Kg-dry	1	3/6/2008 2:42:22 PM
Surr: 1,4-Dichlorobenzene	18.5	15-132		%REC	1	3/6/2008 2:42:22 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *10-Mar-08*

CLIENT:	Environmental Energy Associates, Inc.	**Client Sample ID:**	East Side Access
Lab Order:	0803001	**Tag Number:**	
Project:	S3 East Side Access Muck Pile	**Collection Date:**	3/3/2008 10:45:00 AM
Lab ID:	0803001-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		**D2216**				Analyst: **GE**
Percent Moisture	5.22	0		wt%	1	3/3/2008
TAGM METALS		**SW6010B**		**SW3050A**		Analyst: **AH**
Aluminum	13300	3.78		mg/Kg-dry	10	3/6/2008 4:44:27 PM
Antimony	0.476	0.473		mg/Kg-dry	1	3/6/2008 2:03:06 PM
Arsenic	0.607	0.473		mg/Kg-dry	1	3/6/2008 2:03:06 PM
Barium	128	0.378		mg/Kg-dry	1	3/6/2008 2:03:06 PM
Beryllium	U	0.378		mg/Kg-dry	1	3/6/2008 2:03:06 PM
Cadmium	U	0.284		mg/Kg-dry	1	3/6/2008 2:03:06 PM
Calcium	1550	0.473		mg/Kg-dry	1	3/6/2008 2:03:06 PM
Chromium	18.4	0.378		mg/Kg-dry	1	3/6/2008 2:03:06 PM
Cobalt	U	0.378		mg/Kg-dry	1	3/6/2008 2:03:06 PM
Copper	31.7	0.378		mg/Kg-dry	1	3/6/2008 2:03:06 PM
Iron	19700	3.78		mg/Kg-dry	10	3/6/2008 4:44:27 PM
Lead	2.80	0.284		mg/Kg-dry	1	3/6/2008 2:03:06 PM
Magnesium	5250	0.378		mg/Kg-dry	1	3/6/2008 2:03:06 PM
Manganese	270	0.378		mg/Kg-dry	1	3/6/2008 2:03:06 PM
Nickel	18.2	0.378		mg/Kg-dry	1	3/6/2008 2:03:06 PM
Potassium	12200	4.73		mg/Kg-dry	10	3/6/2008 4:44:27 PM
Selenium	0.636	0.473		mg/Kg-dry	1	3/6/2008 2:03:06 PM
Silver	U	0.378		mg/Kg-dry	1	3/6/2008 2:03:06 PM
Sodium	255	0.473		mg/Kg-dry	1	3/6/2008 2:03:06 PM
Thallium	3.09	0.473		mg/Kg-dry	1	3/6/2008 2:03:06 PM
Vanadium	28.7	0.378		mg/Kg-dry	1	3/6/2008 2:03:06 PM
Zinc	57.5	0.378		mg/Kg-dry	1	3/6/2008 2:03:06 PM
SEMIVOLATILE SW-846 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
2,4,5-Trichlorophenol	U	120		µg/Kg-dry	1	3/3/2008 9:22:00 PM
2,4-Dichlorophenol	U	120		µg/Kg-dry	1	3/3/2008 9:22:00 PM
2,4-Dinitrophenol	U	120		µg/Kg-dry	1	3/3/2008 9:22:00 PM
2,6-Dinitrotoluene	U	120		µg/Kg-dry	1	3/3/2008 9:22:00 PM
2-Chlorophenol	U	120		µg/Kg-dry	1	3/3/2008 9:22:00 PM
2-Methylnaphthalene	U	120		µg/Kg-dry	1	3/3/2008 9:22:00 PM
2-Methylphenol	U	120		µg/Kg-dry	1	3/3/2008 9:22:00 PM
2-Nitroaniline	U	120		µg/Kg-dry	1	3/3/2008 9:22:00 PM
2-Nitrophenol	U	120		µg/Kg-dry	1	3/3/2008 9:22:00 PM
3,3'-Dichlorobenzidine	U	120		µg/Kg-dry	1	3/3/2008 9:22:00 PM
3+4-Methylphenol	U	120		µg/Kg-dry	1	3/3/2008 9:22:00 PM
3-Nitroaniline	U	120		µg/Kg-dry	1	3/3/2008 9:22:00 PM
4-Chloro-3-methylphenol	U	120		µg/Kg-dry	1	3/3/2008 9:22:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *10-Mar-08*

CLIENT:	Environmental Energy Associates, Inc.	**Client Sample ID:**	East Side Access
Lab Order:	0803001	**Tag Number:**	
Project:	S3 East Side Access Muck Pile	**Collection Date:**	3/3/2008 10:45:00 AM
Lab ID:	0803001-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 8270		**SW8270D**		**SW3550A**		Analyst: **PT**
4-Chloroaniline	U	120		µg/Kg-dry	1	3/3/2008 9:22:00 PM
4-Nitrophenol	U	160		µg/Kg-dry	1	3/3/2008 9:22:00 PM
Acenaphthene	U	120		µg/Kg-dry	1	3/3/2008 9:22:00 PM
Acenaphthylene	U	120		µg/Kg-dry	1	3/3/2008 9:22:00 PM
Aniline	U	120		µg/Kg-dry	1	3/3/2008 9:22:00 PM
Anthracene	U	120		µg/Kg-dry	1	3/3/2008 9:22:00 PM
Benzo(a)anthracene	U	120		µg/Kg-dry	1	3/3/2008 9:22:00 PM
Benzo(a)pyrene	U	120		µg/Kg-dry	1	3/3/2008 9:22:00 PM
Benzo(b)fluoranthene	U	120		µg/Kg-dry	1	3/3/2008 9:22:00 PM
Benzo(g,h,i)perylene	U	120		µg/Kg-dry	1	3/3/2008 9:22:00 PM
Benzo(k)fluoranthene	U	120		µg/Kg-dry	1	3/3/2008 9:22:00 PM
Benzoic acid	U	120		µg/Kg-dry	1	3/3/2008 9:22:00 PM
Bis(2-ethylhexyl)phthalate	370	120		µg/Kg-dry	1	3/3/2008 9:22:00 PM
Butyl benzyl phthalate	130	120		µg/Kg-dry	1	3/3/2008 9:22:00 PM
Chrysene	U	120		µg/Kg-dry	1	3/3/2008 9:22:00 PM
Dibenzo(a,h)anthracene	U	120		µg/Kg-dry	1	3/3/2008 9:22:00 PM
Dibenzofuran	U	120		µg/Kg-dry	1	3/3/2008 9:22:00 PM
Diethyl phthalate	88	120	J	µg/Kg-dry	1	3/3/2008 9:22:00 PM
Dimethyl phthalate	U	120		µg/Kg-dry	1	3/3/2008 9:22:00 PM
Di-n-butyl phthalate	96	120	J	µg/Kg-dry	1	3/3/2008 9:22:00 PM
Di-n-octyl phthalate	U	120		µg/Kg-dry	1	3/3/2008 9:22:00 PM
Fluoranthene	U	120		µg/Kg-dry	1	3/3/2008 9:22:00 PM
Fluorene	U	120		µg/Kg-dry	1	3/3/2008 9:22:00 PM
Hexachlorobenzene	U	120		µg/Kg-dry	1	3/3/2008 9:22:00 PM
Indeno(1,2,3-c,d)pyrene	U	120		µg/Kg-dry	1	3/3/2008 9:22:00 PM
Isophorone	U	120		µg/Kg-dry	1	3/3/2008 9:22:00 PM
Naphthalene	U	120		µg/Kg-dry	1	3/3/2008 9:22:00 PM
Nitrobenzene	U	120		µg/Kg-dry	1	3/3/2008 9:22:00 PM
Pentachlorophenol	U	160		µg/Kg-dry	1	3/3/2008 9:22:00 PM
Phenanthrene	U	120		µg/Kg-dry	1	3/3/2008 9:22:00 PM
Phenol	U	120		µg/Kg-dry	1	3/3/2008 9:22:00 PM
Pyrene	U	120		µg/Kg-dry	1	3/3/2008 9:22:00 PM
Surr: 2,4,6-Tribromophenol	72.6	22-124		%REC	1	3/3/2008 9:22:00 PM
Surr: 2-Fluorobiphenyl	74.1	27-119		%REC	1	3/3/2008 9:22:00 PM
Surr: 2-Fluorophenol	32.5	21-123		%REC	1	3/3/2008 9:22:00 PM
Surr: 4-Terphenyl-d14	77.5	28-126		%REC	1	3/3/2008 9:22:00 PM
Surr: Nitrobenzene-d5	61.9	21-118		%REC	1	3/3/2008 9:22:00 PM
Surr: Phenol-d6	43.4	18-129		%REC	1	3/3/2008 9:22:00 PM
CYANIDE, TOTAL		**SW9012A**				Analyst: **STP**

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *10-Mar-08*

CLIENT:	Environmental Energy Associates, Inc.	**Client Sample ID:**	East Side Access
Lab Order:	0803001	**Tag Number:**	
Project:	S3 East Side Access Muck Pile	**Collection Date:**	3/3/2008 10:45:00 AM
Lab ID:	0803001-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
CYANIDE, TOTAL		**SW9012A**				Analyst: **STP**
Cyanide, Total & Amenable: Auto Colorimetric	U	0.106		mg/Kg-dry	1	3/5/2008

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

QUALITY CONTROL SUMMARIES

CLIENT: Environmental Energy Associates, Inc.
Work Order: 0803001
Project: S3 East Side Access Muck Pile

ANALYTICAL QC SUMMARY REPORT

TestCode: 8321Dry

Sample ID MB-20179	SampType: MBLK	TestCode: 8321Dry	Units: µg/Kg	Prep Date: 3/6/2008	RunNo: 32990
Client ID: PBS	Batch ID: 20179	TestNo: SW8321A	SW8321A	Analysis Date: 3/6/2008	SeqNo: 420521

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	U	100									
2,4,5-TP (Silvex)	U	100									
2,4-D	U	100									
Surr: 1,4-Dichlorobenzene	22		166.5		13.0	15	132				S

Sample ID LCS-20179	SampType: LCS	TestCode: 8321Dry	Units: µg/Kg	Prep Date: 3/6/2008	RunNo: 32990
Client ID: LCSS	Batch ID: 20179	TestNo: SW8321A	SW8321A	Analysis Date: 3/6/2008	SeqNo: 420522

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	72	100	333.0	0	21.6	25	127				JS
2,4,5-TP (Silvex)	170	100	333.0	0	51.4	21	125				
2,4-D	160	100	333.0	0	48.9	19	127				
Surr: 1,4-Dichlorobenzene	26		166.5		15.4	15	132				

Sample ID 0803049-02A-MS	SampType: MS	TestCode: 8321Dry	Units: µg/Kg-dry	Prep Date: 3/6/2008	RunNo: 32990
Client ID: ZZZZZZ	Batch ID: 20179	TestNo: SW8321A	SW8321A	Analysis Date: 3/6/2008	SeqNo: 420531

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	110	120	383.4	0	28.6	25	127				J
2,4,5-TP (Silvex)	U	120	383.4	0	0	21	125				S
2,4-D	53	120	383.4	0	13.8	19	127				JS
Surr: 1,4-Dichlorobenzene	43		191.7		22.4	15	132				

Sample ID 0803049-02-MSD	SampType: MSD	TestCode: 8321Dry	Units: µg/Kg-dry	Prep Date:	RunNo: 32990
Client ID: ZZZZZZ	Batch ID: 20179	TestNo: SW8321A	SW8321A	Analysis Date: 3/6/2008	SeqNo: 420532

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	290	120	393.8	0	73.1	25	127	109.6	89.7	20	R
2,4,5-TP (Silvex)	120	120	393.8	0	31.4	21	125	0	200	20	R

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation li
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted reco
U	Indicates the compound was analyzed for but not detecte				

CLIENT: Environmental Energy Associates, Inc.
Work Order: 0803001
Project: S3 East Side Access Muck Pile

ANALYTICAL QC SUMMARY REPORT

TestCode: 8321Dry

Sample ID 0803049-02-MSD	SampType: MSD	TestCode: 8321Dry	Units: µg/Kg-dry	Prep Date:	RunNo: 32990
Client ID: ZZZZZZ	Batch ID: 20179	TestNo: SW8321A	SW8321A	Analysis Date: 3/6/2008	SeqNo: 420532

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-D	590	120	393.8	0	149	19	127	52.91	167	20	SR
Surr: 1,4-Dichlorobenzene	140		196.9		73.6	15	132		0	0	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation li
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted rece
U	Indicates the compound was analyzed for but not detecte				

CLIENT: Environmental Energy Associates, Inc.
Work Order: 0803001
Project: S3 East Side Access Muck Pile

ANALYTICAL QC SUMMARY REPORT

TestCode: DryFull8260_Soil

Sample ID VLCS-030308bH	SampType: LCS	TestCode: DryFull8260_	Units: µg/Kg	Prep Date:	RunNo: 32862
Client ID: LCSS	Batch ID: R32862	TestNo: SW8260B		Analysis Date: 3/4/2008	SeqNo: 418865

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	77	5.0	50.00	0	154	42	138				S
Benzene	58	5.0	50.00	0	116	45	137				
Chlorobenzene	45	5.0	50.00	0	89.2	41	143				
Toluene	52	5.0	50.00	0	105	38	141				
Trichloroethene	48	5.0	50.00	0	95.5	39	136				
Surr: 4-Bromofluorobenzene	56		50.00		111	61	133				
Surr: Dibromofluoromethane	59		50.00		118	61	139				
Surr: Toluene-d8	56		50.00		113	57	131				

Sample ID VBLK-030308bH	SampType: MBLK	TestCode: DryFull8260_	Units: µg/Kg	Prep Date:	RunNo: 32862
Client ID: PBS	Batch ID: R32862	TestNo: SW8260B		Analysis Date: 3/4/2008	SeqNo: 418866

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	U	5.0									
1,1,1-Trichloroethane	U	5.0									
1,1,2,2-Tetrachloroethane	U	5.0									
1,1,2-Trichloro-1,2,2-trifluoroethane	U	5.0									
1,1,2-Trichloroethane	U	5.0									
1,1-Dichloroethane	U	5.0									
1,1-Dichloroethene	U	5.0									
1,1-Dichloropropene	U	5.0									
1,2,3-Trichlorobenzene	U	5.0									
1,2,3-Trichloropropane	U	5.0									
1,2,4,5-Tetramethylbenzene	U	5.0									
1,2,4-Trichlorobenzene	U	5.0									
1,2,4-Trimethylbenzene	U	5.0									
1,2-Dibromo-3-chloropropane	U	5.0									
1,2-Dibromoethane	U	5.0									
1,2-Dichlorobenzene	U	5.0									
1,2-Dichloroethane	U	5.0									
1,2-Dichloropropane	U	5.0									

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation li
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted reco
U	Indicates the compound was analyzed for but not detecte				

CLIENT: Environmental Energy Associates, Inc.
Work Order: 0803001
Project: S3 East Side Access Muck Pile

ANALYTICAL QC SUMMARY REPORT

TestCode: DryFull8260_Soil

Sample ID VBLK-030308bH	SampType: MBLK	TestCode: DryFull8260_	Units: µg/Kg	Prep Date:	RunNo: 32862
Client ID: PBS	Batch ID: R32862	TestNo: SW8260B		Analysis Date: 3/4/2008	SeqNo: 418866

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,3,5-Trimethylbenzene	U	5.0									
1,3-Dichlorobenzene	U	5.0									
1,3-dichloropropane	U	5.0									
1,4-Dichlorobenzene	U	5.0									
1,4-Dioxane	U	5.0									
2,2-Dichloropropane	U	5.0									
2-Butanone	U	5.0									
2-Chloroethyl vinyl ether	U	5.0									
2-Chlorotoluene	U	5.0									
2-Hexanone	U	5.0									
2-Propanol	U	50									
4-Chlorotoluene	U	5.0									
4-Isopropyltoluene	U	5.0									
4-Methyl-2-pentanone	U	5.0									
Acetone	U	5.0									
Acrolein	U	25									
Acrylonitrile	U	5.0									
Benzene	U	5.0									
Bromobenzene	U	5.0									
Bromochloromethane	U	5.0									
Bromodichloromethane	U	5.0									
Bromoform	U	5.0									
Bromomethane	U	5.0									
Carbon disulfide	U	5.0									
Carbon tetrachloride	U	5.0									
Chlorobenzene	U	5.0									
Chlorodifluoromethane	U	5.0									
Chloroethane	U	5.0									
Chloroform	U	5.0									
Chloromethane	U	5.0									
cis-1,2-Dichloroethene	U	5.0									

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation li
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted reco
U	Indicates the compound was analyzed for but not detecte				

CLIENT: Environmental Energy Associates, Inc.
Work Order: 0803001
Project: S3 East Side Access Muck Pile

ANALYTICAL QC SUMMARY REPORT

TestCode: DryFull8260_Soil

Sample ID VBLK-030308bH	SampType: MBLK	TestCode: DryFull8260_	Units: µg/Kg	Prep Date:	RunNo: 32862
Client ID: PBS	Batch ID: R32862	TestNo: SW8260B		Analysis Date: 3/4/2008	SeqNo: 418866

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,3-Dichloropropene	U	5.0									
Dibromochloromethane	U	5.0									
Dibromomethane	U	5.0									
Dichlorodifluoromethane	U	5.0									
Diisopropyl ether	U	5.0									
Ethanol	U	25									
Ethyl acetate	U	5.0									
Ethylbenzene	U	5.0									
Freon-114	U	5.0									
Hexachlorobutadiene	U	5.0									
Isopropyl acetate	U	5.0									
Isopropylbenzene	U	5.0									
m,p-Xylene	U	10									
Methyl tert-butyl ether	U	5.0									
Methylene chloride	3.0	5.0									J
n-Amyl acetate	U	5.0									
Naphthalene	U	5.0									
n-Butyl acetate	U	5.0									
n-Butylbenzene	U	5.0									
n-Propyl acetate	U	5.0									
n-Propylbenzene	U	5.0									
o-Xylene	U	5.0									
p-Diethylbenzene	U	5.0									
p-Ethyltoluene	U	5.0									
sec-Butylbenzene	U	5.0									
Styrene	U	5.0									
t-Butyl alcohol	U	5.0									
tert-Butylbenzene	U	5.0									
Tetrachloroethene	U	5.0									
Toluene	U	5.0									
trans-1,2-Dichloroethene	U	5.0									

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation li
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted reco
U	Indicates the compound was analyzed for but not detecte				

CLIENT: Environmental Energy Associates, Inc.
Work Order: 0803001
Project: S3 East Side Access Muck Pile

ANALYTICAL QC SUMMARY REPORT

TestCode: DryFull8260_Soil

Sample ID	VBLK-030308bH	SampType:	MBLK	TestCode:	DryFull8260_	Units:	µg/Kg	Prep Date:		RunNo:	32862
Client ID:	PBS	Batch ID:	R32862	TestNo:	SW8260B			Analysis Date:	3/4/2008	SeqNo:	418866

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,3-Dichloropropene	U	5.0									
Trichloroethene	U	5.0									
Trichlorofluoromethane	U	5.0									
Vinyl acetate	U	5.0									
Vinyl chloride	U	5.0									
Surr: 4-Bromofluorobenzene	57		50.00		115	61	133				
Surr: Dibromofluoromethane	57		50.00		114	61	139				
Surr: Toluene-d8	56		50.00		112	57	131				

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation li
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted reco
U	Indicates the compound was analyzed for but not detecte				

CLIENT: Environmental Energy Associates, Inc.
Work Order: 0803001
Project: S3 East Side Access Muck Pile

ANALYTICAL QC SUMMARY REPORT

TestCode: DRYHG_S

Sample ID	LCS-030608A	SampType:	LCS	TestCode:	DRYHG_S	Units:	mg/Kg	Prep Date:	3/6/2008	RunNo:	32914
Client ID:	LCSS	Batch ID:	20169	TestNo:	SW7471B	SW7471B		Analysis Date:	3/6/2008	SeqNo:	419292

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.199	0.0100	0.2000	0	99.5	63	128				

Sample ID	PBS-030608A	SampType:	MBLK	TestCode:	DRYHG_S	Units:	mg/Kg	Prep Date:	3/6/2008	RunNo:	32914
Client ID:	PBS	Batch ID:	20169	TestNo:	SW7471B	SW7471B		Analysis Date:	3/6/2008	SeqNo:	419293

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	U	0.0100									

Sample ID	LCS-030608B	SampType:	LCS	TestCode:	DRYHG_S	Units:	mg/Kg	Prep Date:	3/6/2008	RunNo:	32914
Client ID:	LCSS	Batch ID:	20169	TestNo:	SW7471B	SW7471B		Analysis Date:	3/6/2008	SeqNo:	419294

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.200	0.0100	0.2000	0	100	63	128				

Sample ID	PBS-030608B	SampType:	MBLK	TestCode:	DRYHG_S	Units:	mg/Kg	Prep Date:	3/6/2008	RunNo:	32914
Client ID:	PBS	Batch ID:	20169	TestNo:	SW7471B	SW7471B		Analysis Date:	3/6/2008	SeqNo:	419297

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	U	0.0100									

Sample ID	0803001-02A-MS	SampType:	MS	TestCode:	DRYHG_S	Units:	mg/Kg-dry	Prep Date:	3/6/2008	RunNo:	32914
Client ID:	East Side Access	Batch ID:	20169	TestNo:	SW7471B	SW7471B		Analysis Date:	3/6/2008	SeqNo:	419322

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.187	0.00959	0.1918	0	97.3	63	128				

Sample ID	0803001-02A-MSD	SampType:	MSD	TestCode:	DRYHG_S	Units:	mg/Kg-dry	Prep Date:	3/6/2008	RunNo:	32914
Client ID:	East Side Access	Batch ID:	20169	TestNo:	SW7471B	SW7471B		Analysis Date:	3/6/2008	SeqNo:	419324

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:

- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation li
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted reco
- U Indicates the compound was analyzed for but not detecte

CLIENT: Environmental Energy Associates, Inc.
Work Order: 0803001
Project: S3 East Side Access Muck Pile

ANALYTICAL QC SUMMARY REPORT

TestCode: DRYHG_S

Sample ID	0803001-02A-MSD	SampType:	MSD	TestCode:	DRYHG_S	Units:	mg/Kg-dry	Prep Date:	3/6/2008	RunNo:	32914
Client ID:	East Side Access	Batch ID:	20169	TestNo:	SW7471B	SW7471B		Analysis Date:	3/6/2008	SeqNo:	419324

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.182	0.00959	0.1918	0	94.8	63	128	0.1866	2.60	20	

Sample ID	0803041-02A-MS	SampType:	MS	TestCode:	DRYHG_S	Units:	mg/Kg-dry	Prep Date:	3/6/2008	RunNo:	32914
Client ID:	ZZZZZZ	Batch ID:	20169	TestNo:	SW7471B	SW7471B		Analysis Date:	3/6/2008	SeqNo:	419325

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.195	0.0103	0.2067	0	94.3	63	128				

Sample ID	0803041-02A-MSD	SampType:	MSD	TestCode:	DRYHG_S	Units:	mg/Kg-dry	Prep Date:	3/6/2008	RunNo:	32914
Client ID:	ZZZZZZ	Batch ID:	20169	TestNo:	SW7471B	SW7471B		Analysis Date:	3/6/2008	SeqNo:	419326

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.196	0.0103	0.2067	0	95.0	63	128	0.1949	0.793	20	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation li
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted reco
U	Indicates the compound was analyzed for but not detecte				

CLIENT: Environmental Energy Associates, Inc.
Work Order: 0803001
Project: S3 East Side Access Muck Pile

ANALYTICAL QC SUMMARY REPORT

TestCode: TAGM8081Dry

Sample ID MB-20127	SampType: MBLK	TestCode: TAGM8081Dr	Units: µg/Kg	Prep Date: 3/3/2008	RunNo: 32868
Client ID: PBS	Batch ID: 20127	TestNo: SW8081B	SW3550	Analysis Date: 3/4/2008	SeqNo: 418905

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	U	5.0									
4,4'-DDE	U	5.0									
4,4'-DDT	U	5.0									
Aldrin	U	5.0									
alpha-BHC	U	5.0									
beta-BHC	U	5.0									
Chlordane	U	15									
delta-BHC	U	5.0									
Dieldrin	U	5.0									
Endosulfan I	U	5.0									
Endosulfan II	U	5.0									
Endosulfan sulfate	U	5.0									
Endrin	U	5.0									
Endrin ketone	U	5.0									
gamma-BHC	U	5.0									
Heptachlor	U	5.0									
Heptachlor epoxide	U	5.0									
Methoxychlor	U	5.0									
Surr: DCB	58		49.95		115	31	133				
Surr: TCX	50		49.95		99.4	32	132				

Sample ID LCS-20127	SampType: LCS	TestCode: TAGM8081Dr	Units: µg/Kg	Prep Date: 3/3/2008	RunNo: 32868
Client ID: LCSS	Batch ID: 20127	TestNo: SW8081B	SW3550	Analysis Date: 3/4/2008	SeqNo: 418906

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	700	5.0	499.5	0	140	31	135				S
Aldrin	230	5.0	199.8	0	113	32	138				
Dieldrin	580	5.0	499.5	0	117	31	139				
Endrin	660	5.0	499.5	0	133	30	136				
gamma-BHC	220	5.0	199.8	0	112	30	135				
Heptachlor	280	5.0	199.8	0	140	33	137				S

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation li
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted reco
U	Indicates the compound was analyzed for but not detecte				

CLIENT: Environmental Energy Associates, Inc.
Work Order: 0803001
Project: S3 East Side Access Muck Pile

ANALYTICAL QC SUMMARY REPORT

TestCode: TAGM8081Dry

Sample ID LCS-20127	SampType: LCS	TestCode: TAGM8081Dr	Units: µg/Kg	Prep Date: 3/3/2008	RunNo: 32868
Client ID: LCSS	Batch ID: 20127	TestNo: SW8081B	SW3550	Analysis Date: 3/4/2008	SeqNo: 418906

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: DCB	58		49.95		115	31	133				
Surr: TCX	49		49.95		98.6	32	132				

Sample ID 0802340-02A-MS	SampType: MS	TestCode: TAGM8081Dr	Units: µg/Kg-dry	Prep Date: 3/3/2008	RunNo: 32868
Client ID: ZZZZZZ	Batch ID: 20127	TestNo: SW8081B	SW3550	Analysis Date: 3/4/2008	SeqNo: 418908

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	730	5.1	516.3	0	142	31	135				S
Aldrin	220	5.1	206.5	0	107	32	138				
Dieldrin	610	5.1	516.3	0	118	31	139				
Endrin	700	5.1	516.3	0	135	30	136				
gamma-BHC	230	5.1	206.5	0	111	30	135				
Heptachlor	320	5.1	206.5	0	157	33	137				S
Surr: DCB	60		51.63		117	31	133				
Surr: TCX	49		51.63		94.5	32	132				

Sample ID 0802340-02A-MSD	SampType: MSD	TestCode: TAGM8081Dr	Units: µg/Kg-dry	Prep Date: 3/3/2008	RunNo: 32868
Client ID: ZZZZZZ	Batch ID: 20127	TestNo: SW8081B	SW3550	Analysis Date: 3/4/2008	SeqNo: 418909

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	730	5.3	530.7	0	137	31	135	733.8	0.667	20	S
Aldrin	230	5.3	212.3	0	106	32	138	221.7	1.72	20	
Dieldrin	610	5.3	530.7	0	114	31	139	608.8	0.427	20	
Endrin	700	5.3	530.7	0	132	30	136	697.8	0.0305	20	
gamma-BHC	230	5.3	212.3	0	109	30	135	229.7	0.521	20	
Heptachlor	330	5.3	212.3	0	154	33	137	324.8	0.597	20	S
Surr: DCB	60		53.07		113	31	133		0	0	
Surr: TCX	50		53.07		94.6	32	132		0	0	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation l:
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted rece
U	Indicates the compound was analyzed for but not detecte				

CLIENT: Environmental Energy Associates, Inc.
Work Order: 0803001
Project: S3 East Side Access Muck Pile

ANALYTICAL QC SUMMARY REPORT

TestCode: TAGM8082Dry

Sample ID MB-20102	SampType: MBLK	TestCode: TAGM8082Dr	Units: µg/Kg	Prep Date: 3/3/2008	RunNo: 32854
Client ID: PBS	Batch ID: 20102	TestNo: SW8082A	SW3550	Analysis Date: 3/3/2008	SeqNo: 418799

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1242	U	80									
Aroclor 1254	U	80									
Aroclor 1221	U	80									
Aroclor 1232	U	80									
Aroclor 1248	U	80									
Aroclor 1260	U	80									
Aroclor 1016	U	80									
Surr: TCX	48		49.95		96.0	26	136				
Surr: DCB	46		49.95		91.6	21	133				

Sample ID LCS-20102	SampType: LCS	TestCode: TAGM8082Dr	Units: µg/Kg	Prep Date: 3/3/2008	RunNo: 32854
Client ID: LCSS	Batch ID: 20102	TestNo: SW8082A	SW3550	Analysis Date: 3/3/2008	SeqNo: 418800

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1260	490	80	499.5	0	98.2	28	138				
Aroclor 1016	480	80	499.5	0	95.2	26	134				
Surr: TCX	47		49.95		94.3	26	136				
Surr: DCB	45		49.95		90.3	21	133				

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation li
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted reco
U	Indicates the compound was analyzed for but not detecte				

CLIENT: Environmental Energy Associates, Inc.
Work Order: 0803001
Project: S3 East Side Access Muck Pile

ANALYTICAL QC SUMMARY REPORT

TestCode: TAGM8270Dry

Sample ID MB-20128	SampType: MBLK	TestCode: TAGM8270Dr	Units: µg/Kg	Prep Date: 3/3/2008	RunNo: 32842
Client ID: PBS	Batch ID: 20128	TestNo: SW8270D	SW3550A	Analysis Date: 3/3/2008	SeqNo: 418477

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-Trichlorophenol	U	120									
2,4-Dichlorophenol	U	120									
2,4-Dinitrophenol	U	120									
2,6-Dinitrotoluene	U	120									
2-Chlorophenol	U	120									
2-Methylnaphthalene	U	120									
2-Methylphenol	U	120									
2-Nitroaniline	U	120									
2-Nitrophenol	U	120									
3,3'-Dichlorobenzidine	U	120									
3+4-Methylphenol	U	120									
3-Nitroaniline	U	120									
4-Chloro-3-methylphenol	U	120									
4-Chloroaniline	U	120									
4-Nitrophenol	U	150									
Acenaphthene	U	120									
Acenaphthylene	U	120									
Aniline	U	120									
Anthracene	U	120									
Benzo(a)anthracene	U	120									
Benzo(a)pyrene	U	120									
Benzo(b)fluoranthene	U	120									
Benzo(g,h,i)perylene	U	120									
Benzo(k)fluoranthene	U	120									
Benzoic acid	U	120									
Bis(2-ethylhexyl)phthalate	U	120									
Butyl benzyl phthalate	U	120									
Chrysene	U	120									
Dibenzo(a,h)anthracene	U	120									
Dibenzofuran	U	120									
Diethyl phthalate	U	120									

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation li
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted reco
U	Indicates the compound was analyzed for but not detecte				

CLIENT: Environmental Energy Associates, Inc.
Work Order: 0803001
Project: S3 East Side Access Muck Pile

ANALYTICAL QC SUMMARY REPORT

TestCode: TAGM8270Dry

Sample ID MB-20128	SampType: MBLK	TestCode: TAGM8270Dr	Units: µg/Kg	Prep Date: 3/3/2008	RunNo: 32842
Client ID: PBS	Batch ID: 20128	TestNo: SW8270D	SW3550A	Analysis Date: 3/3/2008	SeqNo: 418477

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dimethyl phthalate	U	120									
Di-n-butyl phthalate	U	120									
Di-n-octyl phthalate	U	120									
Fluoranthene	U	120									
Fluorene	U	120									
Hexachlorobenzene	U	120									
Indeno(1,2,3-c,d)pyrene	U	120									
Isophorone	U	120									
Naphthalene	U	120									
Nitrobenzene	U	120									
Pentachlorophenol	U	150									
Phenanthrene	U	120									
Phenol	U	120									
Pyrene	U	120									
Surr: 2,4,6-Tribromophenol	3100		3996		77.5	22	124				
Surr: 2-Fluorobiphenyl	1500		1998		74.9	27	119				
Surr: 2-Fluorophenol	3400		3996		85.3	21	123				
Surr: 4-Terphenyl-d14	1500		1998		73.1	28	126				
Surr: Nitrobenzene-d5	1400		1998		69.7	21	118				
Surr: Phenol-d6	3200		3996		81.2	18	129				

Sample ID LCS-20128	SampType: LCS	TestCode: TAGM8270Dr	Units: µg/Kg	Prep Date: 3/3/2008	RunNo: 32842
Client ID: LCSS	Batch ID: 20128	TestNo: SW8270D	SW3550A	Analysis Date: 3/3/2008	SeqNo: 418478

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Chlorophenol	2500	120	3999	0	61.4	23	117				
4-Chloro-3-methylphenol	2200	120	3999	0	56.2	22	118				
4-Nitrophenol	2100	150	3999	0	53.6	13	116				
Acenaphthene	2400	120	3999	0	59.0	25	125				
Pentachlorophenol	1900	150	3999	0	47.6	16	118				
Phenol	2300	120	3999	0	57.4	17	119				

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation li
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted reco
U	Indicates the compound was analyzed for but not detecte				

CLIENT: Environmental Energy Associates, Inc.
Work Order: 0803001
Project: S3 East Side Access Muck Pile

ANALYTICAL QC SUMMARY REPORT

TestCode: TAGM8270Dry

Sample ID	LCS-20128	SampType:	LCS	TestCode:	TAGM8270Dr	Units:	µg/Kg	Prep Date:	3/3/2008	RunNo:	32842
Client ID:	LCSS	Batch ID:	20128	TestNo:	SW8270D	SW3550A		Analysis Date:	3/3/2008	SeqNo:	418478

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pyrene	2600	120	3999	0	65.6	22	128				
Surr: 2,4,6-Tribromophenol	2700		3996		67.6	22	124				
Surr: 2-Fluorobiphenyl	1200		1998		60.5	27	119				
Surr: 2-Fluorophenol	2400		3996		60.9	21	123				
Surr: 4-Terphenyl-d14	1300		1998		64.8	28	126				
Surr: Nitrobenzene-d5	1100		1998		56.2	21	118				
Surr: Phenol-d6	2300		3996		58.0	18	129				

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation h
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted reco
U	Indicates the compound was analyzed for but not detecte				

AMERICAN ANALYTICAL LABORATORIES

NYSDOH 11418
NJDEP NY050
CTDOH PH-0205
PADEP 68-00573

Monday, March 17, 2008

Mark Waznys
Environmental Energy Associates, Inc.
57 Verdi Street
Farmingdale, New York 11735

TEL: (631) 420-1866
FAX (631) 420-1767

RE: S3II East Side Access

Order No.: 0803109

Dear Mark Waznys:

American Analytical Laboratories, LLC. received 8 sample(s) on 3/10/2008 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer
Lab Director

American Analytical Laboratories, LLC.

Date: *17-Mar-08*

CLIENT: Environmental Energy Associates, Inc.
Project: S3II East Side Access
Lab Order: 0803109

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Date Collected	Date Received
0803109-01A	ES2 VOC		3/10/2008 8:06:00 AM	3/10/2008
0803109-02A	ES2 COMP		3/10/2008 8:06:00 AM	3/10/2008
0803109-03A	ES3 VOC		3/10/2008 8:20:00 AM	3/10/2008
0803109-04A	ES3 COMP		3/10/2008 8:20:00 AM	3/10/2008
0803109-05A	ES4 VOC		3/10/2008 8:30:00 AM	3/10/2008
0803109-06A	ES4 COMP		3/10/2008 8:30:00 AM	3/10/2008
0803109-07A	ES5 VOC		3/10/2008 8:45:00 AM	3/10/2008
0803109-08A	ES5 COMP		3/10/2008 8:45:00 AM	3/10/2008

CHAIN OF CUSTODY

AMERICAN ANALYTICAL LABORATORIES
56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735 • (631) 454-6100 • FAX: (631) 454-8027

AMERICAN ANALYTICAL LABORATORIES
56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX (631) 454-8027

TAG # / COC _____

NYSDOH 11418
CTDOH PH-0205
NJDEP NY050
PADEP 68-573

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: EEA

CONTACT: JAZNYS

SAMPLER (SIGNATURE):

SAMPLER NAME (PRINT): U. MARINO

SAMPLE(S) SEALED: YES / NO

CORRECT CONTAINER(S): YES / NO

PROJECT LOCATION: S'3II EASTSIDE ACCESS

LABORATORY ID #	MATRIX	# CONTAINERS	SAMPLING DATE/ TIME	SAMPLE # - LOCATION	ANALYSIS REQUIRED: VOC	TAL+TCL VOC	FOR METHANOL PRESERVED SAMPLES [VOLATILE VIAL #]
0803109-01	S	1	3/10/08 806	ES2 VOC	X		
02		1	3/10/08 806	ES2 COMP		X	
03		1	3/10/08 820	ES3 VOC	X		
04		1	3/10/08 820	ES3 COMP		X	
05		1	3/10/08 830	ES4 VOC	X		
06		1	3/10/08 830	ES4 COMP		X	
07		1	3/10/08 845	ES5 VOC	X		
08		1	3/10/08 845	ES5 COMP		X	

NONE - 4 SAMPLES 1 REL 250 CYDS -
ESTIMATED PILE @ 1000 CYDS FIELD MEASURED

COOLER TEMPERATURE: 4°C

MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL

TYPE G=GRAB; C=COMPOSITE, SS=SPLIT SPOON

TURNAROUND REQUIRED: 5-7 BUS DAY

NORMAL ☐ STAT ☐ BY /

COMMENTS / INSTRUCTIONS: FORM 1 EDD / PART 375-6.8(a) UNRESTRICTED COMPARISON

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
	3/10 12:00			3/10/08 12:00	
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC
56 TOLEDO STREET
FARMINGDALE, NEW YORK 11735
TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value.
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
B	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
H	Indicates sample was received and/or analyzed outside of the method allowable holding time.

SDG NARRATIVE

American Analytical Laboratories, LLC.

Date: *17-Mar-08*

CLIENT: Environmental Energy Associates, Inc.
Project: S3II East Side Access
Lab Order: 0803109

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 as detailed throughout the text of the report for the TAGM list of regulated parameters.

DATES REPORTS

American Analytical Laboratories, LLC.

17-Mar-08

Lab Order: 0803109
Client: Environmental Energy Associates, Inc.
Project: S3II East Side Access

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
0803109-01A	ES2 VOC	3/10/2008 8:06:00 AM	Soil	PERCENT MOISTURE			3/11/2008
				VOLATILE SW-846 METHOD 8260		3/10/2008	3/11/2008
0803109-02A	ES2 COMP			CYANIDE, TOTAL			3/12/2008
				HERBICIDES SW-846 8321		3/12/2008	3/13/2008
				MERCURY		3/13/2008	3/13/2008
				PCB's as AROCLORS SW-846 METHOD 8082		3/13/2008	3/13/2008
				PERCENT MOISTURE			3/11/2008
				PESTICIDES SW-846 METHOD 8081		3/13/2008	3/14/2008
				SEMIVOLATILE SW-846 8270		3/13/2008	3/14/2008
				TAGM METALS		3/13/2008	3/13/2008
				TAGM METALS		3/13/2008	3/14/2008
0803109-03A	ES3 VOC	3/10/2008 8:20:00 AM		PERCENT MOISTURE			3/11/2008
				VOLATILE SW-846 METHOD 8260		3/10/2008	3/13/2008
0803109-04A	ES3 COMP			CYANIDE, TOTAL			3/12/2008
				HERBICIDES SW-846 8321		3/12/2008	3/13/2008
				MERCURY		3/13/2008	3/13/2008
				PCB's as AROCLORS SW-846 METHOD 8082		3/13/2008	3/13/2008
				PERCENT MOISTURE			3/11/2008
				PESTICIDES SW-846 METHOD 8081		3/13/2008	3/14/2008
				SEMIVOLATILE SW-846 8270		3/13/2008	3/14/2008
				TAGM METALS		3/13/2008	3/13/2008
				TAGM METALS		3/13/2008	3/14/2008
0803109-05A	ES4 VOC	3/10/2008 8:30:00 AM		PERCENT MOISTURE			3/11/2008
				VOLATILE SW-846 METHOD 8260		3/10/2008	3/13/2008
0803109-06A	ES4 COMP			CYANIDE, TOTAL			3/12/2008
				HERBICIDES SW-846 8321		3/12/2008	3/13/2008
				MERCURY		3/13/2008	3/13/2008

Lab Order: 0803109
Client: Environmental Energy Associates, Inc.
Project: S3II East Side Access

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Test Name	TCLP Date	Prep Date	Analysis Date
0803109-06A	ES4 COMP	3/10/2008 8:30:00 AM	Soil	PCB's as AROCLORS SW-846 METHOD 8082		3/13/2008	3/13/2008
				PERCENT MOISTURE			3/11/2008
				PESTICIDES SW-846 METHOD 8081		3/13/2008	3/14/2008
				SEMIVOLATILE SW-846 8270		3/13/2008	3/14/2008
				TAGM METALS		3/13/2008	3/13/2008
				TAGM METALS		3/13/2008	3/14/2008
0803109-07A	ES5 VOC	3/10/2008 8:45:00 AM		PERCENT MOISTURE			3/11/2008
				VOLATILE SW-846 METHOD 8260		3/10/2008	3/11/2008
0803109-08A	ES5 COMP			CYANIDE, TOTAL			3/12/2008
				HERBICIDES SW-846 8321		3/12/2008	3/13/2008
				MERCURY		3/13/2008	3/13/2008
				PCB's as AROCLORS SW-846 METHOD 8082		3/13/2008	3/13/2008
				PERCENT MOISTURE			3/11/2008
				PESTICIDES SW-846 METHOD 8081		3/13/2008	3/14/2008
				SEMIVOLATILE SW-846 8270		3/13/2008	3/14/2008
				TAGM METALS		3/13/2008	3/13/2008
				TAGM METALS		3/13/2008	3/14/2008

ANALYTICAL RESULTS

American Analytical Laboratories, LLC.

Date: *17-Mar-08*

CLIENT:	Environmental Energy Associates, Inc.	**Client Sample ID:**	ES2 VOC
Lab Order:	0803109	**Tag Number:**	
Project:	S3II East Side Access	**Collection Date:**	3/10/2008 8:06:00 AM
Lab ID:	0803109-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		**D2216**				Analyst: **LB**
Percent Moisture	8.40	0		wt%	1	3/11/2008
VOLATILE SW-846 METHOD 8260		**SW8260B**		**SW5030A**		Analyst: **LDS**
1,1,1,2-Tetrachloroethane	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
1,1,1-Trichloroethane	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
1,1,2,2-Tetrachloroethane	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
1,1,2-Trichloroethane	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
1,1-Dichloroethane	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
1,1-Dichloroethene	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
1,1-Dichloropropene	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
1,2,3-Trichlorobenzene	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
1,2,3-Trichloropropane	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
1,2,4,5-Tetramethylbenzene	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
1,2,4-Trichlorobenzene	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
1,2,4-Trimethylbenzene	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
1,2-Dibromo-3-chloropropane	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
1,2-Dibromoethane	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
1,2-Dichlorobenzene	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
1,2-Dichloroethane	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
1,2-Dichloropropane	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
1,3,5-Trimethylbenzene	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
1,3-Dichlorobenzene	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
1,3-dichloropropane	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
1,4-Dichlorobenzene	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
1,4-Dioxane	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
2,2-Dichloropropane	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
2-Butanone	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
2-Chloroethyl vinyl ether	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
2-Chlorotoluene	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
2-Hexanone	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
2-Propanol	U	54		µg/Kg-dry	1	3/11/2008 9:46:00 PM
4-Chlorotoluene	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
4-Isopropyltoluene	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
4-Methyl-2-pentanone	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
Acetone	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
Acrolein	U	27		µg/Kg-dry	1	3/11/2008 9:46:00 PM
Acrylonitrile	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
Benzene	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
Bromobenzene	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *17-Mar-08*

CLIENT:	Environmental Energy Associates, Inc.	**Client Sample ID:**	ES2 VOC
Lab Order:	0803109	**Tag Number:**	
Project:	S3II East Side Access	**Collection Date:**	3/10/2008 8:06:00 AM
Lab ID:	0803109-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**		**SW5030A**		Analyst: **LDS**
Bromochloromethane	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
Bromodichloromethane	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
Bromoform	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
Bromomethane	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
Carbon disulfide	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
Carbon tetrachloride	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
Chlorobenzene	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
Chlorodifluoromethane	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
Chloroethane	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
Chloroform	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
Chloromethane	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
cis-1,2-Dichloroethene	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
cis-1,3-Dichloropropene	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
Dibromochloromethane	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
Dibromomethane	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
Dichlorodifluoromethane	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
Diisopropyl ether	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
Ethanol	U	27		µg/Kg-dry	1	3/11/2008 9:46:00 PM
Ethyl acetate	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
Ethylbenzene	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
Freon-114	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
Hexachlorobutadiene	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
Isopropyl acetate	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
Isopropylbenzene	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
m,p-Xylene	U	11		µg/Kg-dry	1	3/11/2008 9:46:00 PM
Methyl tert-butyl ether	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
Methylene chloride	7.3	5.4	B	µg/Kg-dry	1	3/11/2008 9:46:00 PM
n-Amyl acetate	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
Naphthalene	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
n-Butyl acetate	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
n-Butylbenzene	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
n-Propyl acetate	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
n-Propylbenzene	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
o-Xylene	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
p-Diethylbenzene	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
p-Ethyltoluene	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
sec-Butylbenzene	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
Styrene	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
t-Butyl alcohol	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *17-Mar-08*

CLIENT:	Environmental Energy Associates, Inc.	**Client Sample ID:**	ES2 VOC
Lab Order:	0803109	**Tag Number:**	
Project:	S3II East Side Access	**Collection Date:**	3/10/2008 8:06:00 AM
Lab ID:	0803109-01A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**		**SW5030A**		Analyst: **LDS**
tert-Butylbenzene	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
Tetrachloroethene	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
Toluene	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
trans-1,2-Dichloroethene	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
trans-1,3-Dichloropropene	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
Trichloroethene	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
Trichlorofluoromethane	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
Vinyl acetate	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
Vinyl chloride	U	5.4		µg/Kg-dry	1	3/11/2008 9:46:00 PM
Surr: 4-Bromofluorobenzene	90.1	61-133		%REC	1	3/11/2008 9:46:00 PM
Surr: Dibromofluoromethane	91.9	61-139		%REC	1	3/11/2008 9:46:00 PM
Surr: Toluene-d8	88.2	57-131		%REC	1	3/11/2008 9:46:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *17-Mar-08*

CLIENT:	Environmental Energy Associates, Inc.	**Client Sample ID:**	ES2 COMP
Lab Order:	0803109	**Tag Number:**	
Project:	S3II East Side Access	**Collection Date:**	3/10/2008 8:06:00 AM
Lab ID:	0803109-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY		**SW7471B**		**SW7471B**		Analyst: **AH**
Mercury	U	0.00982		mg/Kg-dry	1	3/13/2008 1:33:46 PM
PCB'S AS AROCLORS SW-846 METHOD 8082		**SW8082A**		**SW3550**		Analyst: **KF**
Aroclor 1242	U	87		µg/Kg-dry	1	3/13/2008 8:52:00 PM
Aroclor 1254	U	87		µg/Kg-dry	1	3/13/2008 8:52:00 PM
Aroclor 1221	U	87		µg/Kg-dry	1	3/13/2008 8:52:00 PM
Aroclor 1232	U	87		µg/Kg-dry	1	3/13/2008 8:52:00 PM
Aroclor 1248	U	87		µg/Kg-dry	1	3/13/2008 8:52:00 PM
Aroclor 1260	U	87		µg/Kg-dry	1	3/13/2008 8:52:00 PM
Aroclor 1016	U	87		µg/Kg-dry	1	3/13/2008 8:52:00 PM
Surr: TCX	58.5	26-136		%REC	1	3/13/2008 8:52:00 PM
Surr: DCB	69.9	21-133		%REC	1	3/13/2008 8:52:00 PM
PESTICIDES SW-846 METHOD 8081		**SW8081B**		**SW3550**		Analyst: **AR**
4,4´-DDD	U	5.4		µg/Kg-dry	1	3/14/2008 4:24:00 PM
4,4´-DDE	U	5.4		µg/Kg-dry	1	3/14/2008 4:24:00 PM
4,4´-DDT	U	5.4		µg/Kg-dry	1	3/14/2008 4:24:00 PM
Aldrin	U	5.4		µg/Kg-dry	1	3/14/2008 4:24:00 PM
alpha-BHC	U	5.4		µg/Kg-dry	1	3/14/2008 4:24:00 PM
beta-BHC	U	5.4		µg/Kg-dry	1	3/14/2008 4:24:00 PM
Chlordane	U	16		µg/Kg-dry	1	3/14/2008 4:24:00 PM
delta-BHC	U	5.4		µg/Kg-dry	1	3/14/2008 4:24:00 PM
Dieldrin	U	5.4		µg/Kg-dry	1	3/14/2008 4:24:00 PM
Endosulfan I	U	5.4		µg/Kg-dry	1	3/14/2008 4:24:00 PM
Endosulfan II	U	5.4		µg/Kg-dry	1	3/14/2008 4:24:00 PM
Endosulfan sulfate	U	5.4		µg/Kg-dry	1	3/14/2008 4:24:00 PM
Endrin	U	5.4		µg/Kg-dry	1	3/14/2008 4:24:00 PM
Endrin ketone	U	5.4		µg/Kg-dry	1	3/14/2008 4:24:00 PM
gamma-BHC	U	5.4		µg/Kg-dry	1	3/14/2008 4:24:00 PM
Heptachlor	U	5.4		µg/Kg-dry	1	3/14/2008 4:24:00 PM
Heptachlor epoxide	U	5.4		µg/Kg-dry	1	3/14/2008 4:24:00 PM
Methoxychlor	U	5.4		µg/Kg-dry	1	3/14/2008 4:24:00 PM
Surr: DCB	86.3	31-133		%REC	1	3/14/2008 4:24:00 PM
Surr: TCX	58.1	32-132		%REC	1	3/14/2008 4:24:00 PM
HERBICIDES SW-846 8321		**SW8321A**		**SW8321A**		Analyst: **MMR**
2,4,5-T	U	110		µg/Kg-dry	1	3/13/2008 4:44:57 PM
2,4,5-TP (Silvex)	U	110		µg/Kg-dry	1	3/13/2008 4:44:57 PM
2,4-D	U	110		µg/Kg-dry	1	3/13/2008 4:44:57 PM
Surr: 1,4-Dichlorobenzene	109	15-132		%REC	1	3/13/2008 4:44:57 PM

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *17-Mar-08*

CLIENT:	Environmental Energy Associates, Inc.	**Client Sample ID:**	ES2 COMP
Lab Order:	0803109	**Tag Number:**	
Project:	S3II East Side Access	**Collection Date:**	3/10/2008 8:06:00 AM
Lab ID:	0803109-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		**D2216**				Analyst: **LB**
Percent Moisture	9.10	0		wt%	1	3/11/2008
TAGM METALS		**SW6010B**		**SW3050A**		Analyst: **JP**
Aluminum	1210	0.397		mg/Kg-dry	1	3/14/2008 9:33:45 AM
Antimony	U	0.496		mg/Kg-dry	1	3/13/2008 3:30:26 PM
Arsenic	0.858	0.496		mg/Kg-dry	1	3/13/2008 3:30:26 PM
Barium	130	0.397		mg/Kg-dry	1	3/13/2008 3:30:26 PM
Beryllium	U	0.397		mg/Kg-dry	1	3/13/2008 3:30:26 PM
Cadmium	U	0.298		mg/Kg-dry	1	3/13/2008 3:30:26 PM
Calcium	2170	0.496		mg/Kg-dry	1	3/13/2008 3:30:26 PM
Chromium	16.8	0.397		mg/Kg-dry	1	3/13/2008 3:30:26 PM
Cobalt	U	0.397		mg/Kg-dry	1	3/13/2008 3:30:26 PM
Copper	29.8	0.397		mg/Kg-dry	1	3/13/2008 3:30:26 PM
Iron	2020	0.397		mg/Kg-dry	1	3/14/2008 9:33:45 AM
Lead	2.95	0.298		mg/Kg-dry	1	3/13/2008 3:30:26 PM
Magnesium	4970	0.397		mg/Kg-dry	1	3/13/2008 3:30:26 PM
Manganese	292	0.397		mg/Kg-dry	1	3/13/2008 3:30:26 PM
Nickel	16.3	0.397		mg/Kg-dry	1	3/13/2008 3:30:26 PM
Potassium	6460	0.496		mg/Kg-dry	1	3/13/2008 3:30:26 PM
Selenium	0.560	0.496		mg/Kg-dry	1	3/13/2008 3:30:26 PM
Silver	U	0.397		mg/Kg-dry	1	3/13/2008 3:30:26 PM
Sodium	202	0.496		mg/Kg-dry	1	3/13/2008 3:30:26 PM
Thallium	3.74	0.496		mg/Kg-dry	1	3/13/2008 3:30:26 PM
Vanadium	30.8	0.397		mg/Kg-dry	1	3/13/2008 3:30:26 PM
Zinc	51.3	0.397		mg/Kg-dry	1	3/13/2008 3:30:26 PM
SEMIVOLATILE SW-846 8270		**SW8270D**		**SW3550A**		Analyst: **RN**
2,4,5-Trichlorophenol	U	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM
2,4-Dichlorophenol	U	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM
2,4-Dinitrophenol	U	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM
2,6-Dinitrotoluene	U	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM
2-Chlorophenol	U	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM
2-Methylnaphthalene	U	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM
2-Methylphenol	U	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM
2-Nitroaniline	U	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM
2-Nitrophenol	U	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM
3,3'-Dichlorobenzidine	U	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM
3+4-Methylphenol	U	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM
3-Nitroaniline	U	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM
4-Chloro-3-methylphenol	U	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *17-Mar-08*

CLIENT:	Environmental Energy Associates, Inc.	**Client Sample ID:**	ES2 COMP
Lab Order:	0803109	**Tag Number:**	
Project:	S3II East Side Access	**Collection Date:**	3/10/2008 8:06:00 AM
Lab ID:	0803109-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 8270		**SW8270D**		**SW3550A**		Analyst: **RN**
4-Chloroaniline	U	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM
4-Nitrophenol	U	160		µg/Kg-dry	1	3/14/2008 11:41:00 AM
Acenaphthene	U	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM
Acenaphthylene	U	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM
Aniline	U	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM
Anthracene	U	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM
Benzo(a)anthracene	U	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM
Benzo(a)pyrene	U	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM
Benzo(b)fluoranthene	U	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM
Benzo(g,h,i)perylene	U	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM
Benzo(k)fluoranthene	U	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM
Benzoic acid	U	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM
Bis(2-ethylhexyl)phthalate	U	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM
Butyl benzyl phthalate	U	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM
Chrysene	U	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM
Dibenzo(a,h)anthracene	U	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM
Dibenzofuran	U	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM
Diethyl phthalate	140	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM
Dimethyl phthalate	U	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM
Di-n-butyl phthalate	U	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM
Di-n-octyl phthalate	U	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM
Fluoranthene	U	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM
Fluorene	U	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM
Hexachlorobenzene	U	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM
Indeno(1,2,3-c,d)pyrene	U	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM
Isophorone	U	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM
Naphthalene	U	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM
Nitrobenzene	U	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM
Pentachlorophenol	U	160		µg/Kg-dry	1	3/14/2008 11:41:00 AM
Phenanthrene	U	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM
Phenol	U	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM
Pyrene	U	130		µg/Kg-dry	1	3/14/2008 11:41:00 AM
Surr: 2,4,6-Tribromophenol	46.9	22-124		%REC	1	3/14/2008 11:41:00 AM
Surr: 2-Fluorobiphenyl	53.1	27-119		%REC	1	3/14/2008 11:41:00 AM
Surr: 2-Fluorophenol	22.4	21-123		%REC	1	3/14/2008 11:41:00 AM
Surr: 4-Terphenyl-d14	63.9	28-126		%REC	1	3/14/2008 11:41:00 AM
Surr: Nitrobenzene-d5	42.4	21-118		%REC	1	3/14/2008 11:41:00 AM
Surr: Phenol-d6	31.3	18-129		%REC	1	3/14/2008 11:41:00 AM
CYANIDE, TOTAL		**SW9012A**				Analyst: **STP**

Qualifiers:			
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *17-Mar-08*

CLIENT:	Environmental Energy Associates, Inc.	**Client Sample ID:**	ES2 COMP
Lab Order:	0803109	**Tag Number:**	
Project:	S3II East Side Access	**Collection Date:**	3/10/2008 8:06:00 AM
Lab ID:	0803109-02A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
CYANIDE, TOTAL		**SW9012A**				Analyst: **STP**
Cyanide, Total & Amenable: Auto Colorimetric	U	0.110		mg/Kg-dry	1	3/12/2008

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *17-Mar-08*

CLIENT:	Environmental Energy Associates, Inc.	**Client Sample ID:**	ES3 VOC
Lab Order:	0803109	**Tag Number:**	
Project:	S3II East Side Access	**Collection Date:**	3/10/2008 8:20:00 AM
Lab ID:	0803109-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		**D2216**				Analyst: **LB**
Percent Moisture	4.70	0		wt%	1	3/11/2008
VOLATILE SW-846 METHOD 8260		**SW8260B**		**SW5030A**		Analyst: **LDS**
1,1,1,2-Tetrachloroethane	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
1,1,1-Trichloroethane	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
1,1,2,2-Tetrachloroethane	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
1,1,2-Trichloroethane	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
1,1-Dichloroethane	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
1,1-Dichloroethene	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
1,1-Dichloropropene	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
1,2,3-Trichlorobenzene	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
1,2,3-Trichloropropane	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
1,2,4,5-Tetramethylbenzene	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
1,2,4-Trichlorobenzene	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
1,2,4-Trimethylbenzene	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
1,2-Dibromo-3-chloropropane	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
1,2-Dibromoethane	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
1,2-Dichlorobenzene	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
1,2-Dichloroethane	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
1,2-Dichloropropane	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
1,3,5-Trimethylbenzene	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
1,3-Dichlorobenzene	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
1,3-dichloropropane	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
1,4-Dichlorobenzene	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
1,4-Dioxane	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
2,2-Dichloropropane	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
2-Butanone	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
2-Chloroethyl vinyl ether	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
2-Chlorotoluene	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
2-Hexanone	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
2-Propanol	U	52		µg/Kg-dry	1	3/13/2008 5:02:00 AM
4-Chlorotoluene	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
4-Isopropyltoluene	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
4-Methyl-2-pentanone	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
Acetone	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
Acrolein	U	26		µg/Kg-dry	1	3/13/2008 5:02:00 AM
Acrylonitrile	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
Benzene	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
Bromobenzene	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *17-Mar-08*

CLIENT:	Environmental Energy Associates, Inc.	**Client Sample ID:**	ES3 VOC
Lab Order:	0803109	**Tag Number:**	
Project:	S3II East Side Access	**Collection Date:**	3/10/2008 8:20:00 AM
Lab ID:	0803109-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**		**SW5030A**		Analyst: **LDS**
Bromochloromethane	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
Bromodichloromethane	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
Bromoform	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
Bromomethane	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
Carbon disulfide	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
Carbon tetrachloride	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
Chlorobenzene	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
Chlorodifluoromethane	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
Chloroethane	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
Chloroform	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
Chloromethane	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
cis-1,2-Dichloroethene	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
cis-1,3-Dichloropropene	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
Dibromochloromethane	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
Dibromomethane	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
Dichlorodifluoromethane	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
Diisopropyl ether	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
Ethanol	U	26		µg/Kg-dry	1	3/13/2008 5:02:00 AM
Ethyl acetate	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
Ethylbenzene	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
Freon-114	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
Hexachlorobutadiene	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
Isopropyl acetate	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
Isopropylbenzene	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
m,p-Xylene	U	10		µg/Kg-dry	1	3/13/2008 5:02:00 AM
Methyl tert-butyl ether	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
Methylene chloride	13	5.2	B	µg/Kg-dry	1	3/13/2008 5:02:00 AM
n-Amyl acetate	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
Naphthalene	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
n-Butyl acetate	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
n-Butylbenzene	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
n-Propyl acetate	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
n-Propylbenzene	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
o-Xylene	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
p-Diethylbenzene	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
p-Ethyltoluene	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
sec-Butylbenzene	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
Styrene	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
t-Butyl alcohol	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *17-Mar-08*

CLIENT:	Environmental Energy Associates, Inc.	**Client Sample ID:**	ES3 VOC
Lab Order:	0803109	**Tag Number:**	
Project:	S3II East Side Access	**Collection Date:**	3/10/2008 8:20:00 AM
Lab ID:	0803109-03A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**		**SW5030A**		Analyst: **LDS**
tert-Butylbenzene	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
Tetrachloroethene	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
Toluene	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
trans-1,2-Dichloroethene	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
trans-1,3-Dichloropropene	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
Trichloroethene	1.4	5.2	J	µg/Kg-dry	1	3/13/2008 5:02:00 AM
Trichlorofluoromethane	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
Vinyl acetate	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
Vinyl chloride	U	5.2		µg/Kg-dry	1	3/13/2008 5:02:00 AM
Surr: 4-Bromofluorobenzene	96.1	61-133		%REC	1	3/13/2008 5:02:00 AM
Surr: Dibromofluoromethane	95.3	61-139		%REC	1	3/13/2008 5:02:00 AM
Surr: Toluene-d8	94.6	57-131		%REC	1	3/13/2008 5:02:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *17-Mar-08*

CLIENT:	Environmental Energy Associates, Inc.	**Client Sample ID:**	ES3 COMP
Lab Order:	0803109	**Tag Number:**	
Project:	S3II East Side Access	**Collection Date:**	3/10/2008 8:20:00 AM
Lab ID:	0803109-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY		**SW7471B**		**SW7471B**		Analyst: **AH**
Mercury	U	0.00943		mg/Kg-dry	1	3/13/2008 1:35:53 PM
PCB'S AS AROCLORS SW-846 METHOD 8082		**SW8082A**		**SW3550**		Analyst: **KF**
Aroclor 1242	U	87		µg/Kg-dry	1	3/13/2008 9:45:00 PM
Aroclor 1254	U	87		µg/Kg-dry	1	3/13/2008 9:45:00 PM
Aroclor 1221	U	87		µg/Kg-dry	1	3/13/2008 9:45:00 PM
Aroclor 1232	U	87		µg/Kg-dry	1	3/13/2008 9:45:00 PM
Aroclor 1248	U	87		µg/Kg-dry	1	3/13/2008 9:45:00 PM
Aroclor 1260	U	87		µg/Kg-dry	1	3/13/2008 9:45:00 PM
Aroclor 1016	U	87		µg/Kg-dry	1	3/13/2008 9:45:00 PM
Surr: TCX	71.4	26-136		%REC	1	3/13/2008 9:45:00 PM
Surr: DCB	77.7	21-133		%REC	1	3/13/2008 9:45:00 PM
PESTICIDES SW-846 METHOD 8081		**SW8081B**		**SW3550**		Analyst: **AR**
4,4´-DDD	U	5.4		µg/Kg-dry	1	3/14/2008 4:42:00 PM
4,4´-DDE	U	5.4		µg/Kg-dry	1	3/14/2008 4:42:00 PM
4,4´-DDT	U	5.4		µg/Kg-dry	1	3/14/2008 4:42:00 PM
Aldrin	U	5.4		µg/Kg-dry	1	3/14/2008 4:42:00 PM
alpha-BHC	U	5.4		µg/Kg-dry	1	3/14/2008 4:42:00 PM
beta-BHC	U	5.4		µg/Kg-dry	1	3/14/2008 4:42:00 PM
Chlordane	U	16		µg/Kg-dry	1	3/14/2008 4:42:00 PM
delta-BHC	U	5.4		µg/Kg-dry	1	3/14/2008 4:42:00 PM
Dieldrin	U	5.4		µg/Kg-dry	1	3/14/2008 4:42:00 PM
Endosulfan I	U	5.4		µg/Kg-dry	1	3/14/2008 4:42:00 PM
Endosulfan II	U	5.4		µg/Kg-dry	1	3/14/2008 4:42:00 PM
Endosulfan sulfate	U	5.4		µg/Kg-dry	1	3/14/2008 4:42:00 PM
Endrin	U	5.4		µg/Kg-dry	1	3/14/2008 4:42:00 PM
Endrin ketone	U	5.4		µg/Kg-dry	1	3/14/2008 4:42:00 PM
gamma-BHC	U	5.4		µg/Kg-dry	1	3/14/2008 4:42:00 PM
Heptachlor	U	5.4		µg/Kg-dry	1	3/14/2008 4:42:00 PM
Heptachlor epoxide	U	5.4		µg/Kg-dry	1	3/14/2008 4:42:00 PM
Methoxychlor	U	5.4		µg/Kg-dry	1	3/14/2008 4:42:00 PM
Surr: DCB	73.8	31-133		%REC	1	3/14/2008 4:42:00 PM
Surr: TCX	55.4	32-132		%REC	1	3/14/2008 4:42:00 PM
HERBICIDES SW-846 8321		**SW8321A**		**SW8321A**		Analyst: **MMR**
2,4,5-T	U	110		µg/Kg-dry	1	3/13/2008 4:58:31 PM
2,4,5-TP (Silvex)	U	110		µg/Kg-dry	1	3/13/2008 4:58:31 PM
2,4-D	U	110		µg/Kg-dry	1	3/13/2008 4:58:31 PM
Surr: 1,4-Dichlorobenzene	108	15-132		%REC	1	3/13/2008 4:58:31 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *17-Mar-08*

CLIENT:	Environmental Energy Associates, Inc.	**Client Sample ID:**	ES3 COMP
Lab Order:	0803109	**Tag Number:**	
Project:	S3II East Side Access	**Collection Date:**	3/10/2008 8:20:00 AM
Lab ID:	0803109-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		**D2216**				Analyst: **LB**
Percent Moisture	8.60	0		wt%	1	3/11/2008
TAGM METALS		**SW6010B**		**SW3050A**		Analyst: **JP**
Aluminum	1290	0.388		mg/Kg-dry	1	3/14/2008 9:35:49 AM
Antimony	U	0.485		mg/Kg-dry	1	3/13/2008 3:32:29 PM
Arsenic	0.897	0.485		mg/Kg-dry	1	3/13/2008 3:32:29 PM
Barium	130	0.388		mg/Kg-dry	1	3/13/2008 3:32:29 PM
Beryllium	U	0.388		mg/Kg-dry	1	3/13/2008 3:32:29 PM
Cadmium	U	0.291		mg/Kg-dry	1	3/13/2008 3:32:29 PM
Calcium	2750	0.485		mg/Kg-dry	1	3/13/2008 3:32:29 PM
Chromium	17.1	0.388		mg/Kg-dry	1	3/13/2008 3:32:29 PM
Cobalt	U	0.388		mg/Kg-dry	1	3/13/2008 3:32:29 PM
Copper	28.8	0.388		mg/Kg-dry	1	3/13/2008 3:32:29 PM
Iron	2110	0.388		mg/Kg-dry	1	3/14/2008 9:35:49 AM
Lead	2.94	0.291		mg/Kg-dry	1	3/13/2008 3:32:29 PM
Magnesium	5050	0.388		mg/Kg-dry	1	3/13/2008 3:32:29 PM
Manganese	299	0.388		mg/Kg-dry	1	3/13/2008 3:32:29 PM
Nickel	16.5	0.388		mg/Kg-dry	1	3/13/2008 3:32:29 PM
Potassium	6500	0.485		mg/Kg-dry	1	3/13/2008 3:32:29 PM
Selenium	0.573	0.485		mg/Kg-dry	1	3/13/2008 3:32:29 PM
Silver	U	0.388		mg/Kg-dry	1	3/13/2008 3:32:29 PM
Sodium	201	0.485		mg/Kg-dry	1	3/13/2008 3:32:29 PM
Thallium	3.89	0.485		mg/Kg-dry	1	3/13/2008 3:32:29 PM
Vanadium	31.2	0.388		mg/Kg-dry	1	3/13/2008 3:32:29 PM
Zinc	52.1	0.388		mg/Kg-dry	1	3/13/2008 3:32:29 PM
SEMIVOLATILE SW-846 8270		**SW8270D**		**SW3550A**		Analyst: **RN**
2,4,5-Trichlorophenol	U	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM
2,4-Dichlorophenol	U	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM
2,4-Dinitrophenol	U	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM
2,6-Dinitrotoluene	U	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM
2-Chlorophenol	U	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM
2-Methylnaphthalene	U	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM
2-Methylphenol	U	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM
2-Nitroaniline	U	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM
2-Nitrophenol	U	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM
3,3'-Dichlorobenzidine	U	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM
3+4-Methylphenol	U	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM
3-Nitroaniline	U	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM
4-Chloro-3-methylphenol	U	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

CLIENT:	Environmental Energy Associates, Inc.	**Client Sample ID:**	ES3 COMP
Lab Order:	0803109	**Tag Number:**	
Project:	S3II East Side Access	**Collection Date:**	3/10/2008 8:20:00 AM
Lab ID:	0803109-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 8270		**SW8270D**		**SW3550A**		Analyst: **RN**
4-Chloroaniline	U	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM
4-Nitrophenol	U	160		µg/Kg-dry	1	3/14/2008 12:07:00 PM
Acenaphthene	U	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM
Acenaphthylene	U	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM
Aniline	U	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM
Anthracene	U	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM
Benzo(a)anthracene	U	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM
Benzo(a)pyrene	U	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM
Benzo(b)fluoranthene	U	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM
Benzo(g,h,i)perylene	U	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM
Benzo(k)fluoranthene	U	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM
Benzoic acid	U	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM
Bis(2-ethylhexyl)phthalate	U	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM
Butyl benzyl phthalate	U	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM
Chrysene	U	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM
Dibenzo(a,h)anthracene	U	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM
Dibenzofuran	U	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM
Diethyl phthalate	200	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM
Dimethyl phthalate	U	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM
Di-n-butyl phthalate	U	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM
Di-n-octyl phthalate	U	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM
Fluoranthene	U	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM
Fluorene	U	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM
Hexachlorobenzene	U	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM
Indeno(1,2,3-c,d)pyrene	U	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM
Isophorone	U	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM
Naphthalene	U	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM
Nitrobenzene	U	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM
Pentachlorophenol	U	160		µg/Kg-dry	1	3/14/2008 12:07:00 PM
Phenanthrene	U	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM
Phenol	U	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM
Pyrene	U	130		µg/Kg-dry	1	3/14/2008 12:07:00 PM
Surr: 2,4,6-Tribromophenol	45.1	22-124		%REC	1	3/14/2008 12:07:00 PM
Surr: 2-Fluorobiphenyl	54.8	27-119		%REC	1	3/14/2008 12:07:00 PM
Surr: 2-Fluorophenol	25.6	21-123		%REC	1	3/14/2008 12:07:00 PM
Surr: 4-Terphenyl-d14	74.7	28-126		%REC	1	3/14/2008 12:07:00 PM
Surr: Nitrobenzene-d5	44.3	21-118		%REC	1	3/14/2008 12:07:00 PM
Surr: Phenol-d6	35.0	18-129		%REC	1	3/14/2008 12:07:00 PM
CYANIDE, TOTAL		**SW9012A**				Analyst: **STP**

CLIENT:	Environmental Energy Associates, Inc.	**Client Sample ID:**	ES3 COMP
Lab Order:	0803109	**Tag Number:**	
Project:	S3II East Side Access	**Collection Date:**	3/10/2008 8:20:00 AM
Lab ID:	0803109-04A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
CYANIDE, TOTAL		**SW9012A**				Analyst: **STP**
Cyanide, Total & Amenable: Auto Colorimetric	U	0.109		mg/Kg-dry	1	3/12/2008

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *17-Mar-08*

CLIENT:	Environmental Energy Associates, Inc.	**Client Sample ID:**	ES4 VOC
Lab Order:	0803109	**Tag Number:**	
Project:	S3II East Side Access	**Collection Date:**	3/10/2008 8:30:00 AM
Lab ID:	0803109-05A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		**D2216**				Analyst: **LB**
Percent Moisture	7.00	0		wt%	1	3/11/2008
VOLATILE SW-846 METHOD 8260		**SW8260B**		**SW5030A**		Analyst: **LDS**
1,1,1,2-Tetrachloroethane	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
1,1,1-Trichloroethane	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
1,1,2,2-Tetrachloroethane	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
1,1,2-Trichloroethane	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
1,1-Dichloroethane	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
1,1-Dichloroethene	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
1,1-Dichloropropene	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
1,2,3-Trichlorobenzene	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
1,2,3-Trichloropropane	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
1,2,4,5-Tetramethylbenzene	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
1,2,4-Trichlorobenzene	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
1,2,4-Trimethylbenzene	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
1,2-Dibromo-3-chloropropane	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
1,2-Dibromoethane	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
1,2-Dichlorobenzene	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
1,2-Dichloroethane	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
1,2-Dichloropropane	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
1,3,5-Trimethylbenzene	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
1,3-Dichlorobenzene	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
1,3-dichloropropane	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
1,4-Dichlorobenzene	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
1,4-Dioxane	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
2,2-Dichloropropane	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
2-Butanone	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
2-Chloroethyl vinyl ether	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
2-Chlorotoluene	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
2-Hexanone	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
2-Propanol	U	52		µg/Kg-dry	1	3/13/2008 5:27:00 AM
4-Chlorotoluene	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
4-Isopropyltoluene	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
4-Methyl-2-pentanone	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
Acetone	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
Acrolein	U	26		µg/Kg-dry	1	3/13/2008 5:27:00 AM
Acrylonitrile	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
Benzene	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
Bromobenzene	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *17-Mar-08*

CLIENT:	Environmental Energy Associates, Inc.	**Client Sample ID:**	ES4 VOC
Lab Order:	0803109	**Tag Number:**	
Project:	S3II East Side Access	**Collection Date:**	3/10/2008 8:30:00 AM
Lab ID:	0803109-05A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**		**SW5030A**		Analyst: **LDS**
Bromochloromethane	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
Bromodichloromethane	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
Bromoform	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
Bromomethane	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
Carbon disulfide	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
Carbon tetrachloride	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
Chlorobenzene	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
Chlorodifluoromethane	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
Chloroethane	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
Chloroform	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
Chloromethane	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
cis-1,2-Dichloroethene	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
cis-1,3-Dichloropropene	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
Dibromochloromethane	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
Dibromomethane	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
Dichlorodifluoromethane	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
Diisopropyl ether	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
Ethanol	U	26		µg/Kg-dry	1	3/13/2008 5:27:00 AM
Ethyl acetate	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
Ethylbenzene	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
Freon-114	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
Hexachlorobutadiene	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
Isopropyl acetate	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
Isopropylbenzene	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
m,p-Xylene	U	10		µg/Kg-dry	1	3/13/2008 5:27:00 AM
Methyl tert-butyl ether	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
Methylene chloride	14	5.2	B	µg/Kg-dry	1	3/13/2008 5:27:00 AM
n-Amyl acetate	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
Naphthalene	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
n-Butyl acetate	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
n-Butylbenzene	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
n-Propyl acetate	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
n-Propylbenzene	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
o-Xylene	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
p-Diethylbenzene	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
p-Ethyltoluene	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
sec-Butylbenzene	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
Styrene	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
t-Butyl alcohol	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *17-Mar-08*

CLIENT:	Environmental Energy Associates, Inc.	**Client Sample ID:**	ES4 VOC
Lab Order:	0803109	**Tag Number:**	
Project:	S31I East Side Access	**Collection Date:**	3/10/2008 8:30:00 AM
Lab ID:	0803109-05A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**		**SW5030A**		Analyst: **LDS**
tert-Butylbenzene	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
Tetrachloroethene	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
Toluene	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
trans-1,2-Dichloroethene	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
trans-1,3-Dichloropropene	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
Trichloroethene	1.1	5.2	J	µg/Kg-dry	1	3/13/2008 5:27:00 AM
Trichlorofluoromethane	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
Vinyl acetate	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
Vinyl chloride	U	5.2		µg/Kg-dry	1	3/13/2008 5:27:00 AM
Surr: 4-Bromofluorobenzene	96.0	61-133		%REC	1	3/13/2008 5:27:00 AM
Surr: Dibromofluoromethane	101	61-139		%REC	1	3/13/2008 5:27:00 AM
Surr: Toluene-d8	95.3	57-131		%REC	1	3/13/2008 5:27:00 AM

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *17-Mar-08*

CLIENT:	Environmental Energy Associates, Inc.	**Client Sample ID:**	ES4 COMP
Lab Order:	0803109	**Tag Number:**	
Project:	S3II East Side Access	**Collection Date:**	3/10/2008 8:30:00 AM
Lab ID:	0803109-06A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY		**SW7471B**		**SW7471B**		Analyst: **AH**
Mercury	U	0.00951		mg/Kg-dry	1	3/13/2008 1:38:00 PM
PCB'S AS AROCLORS SW-846 METHOD 8082		**SW8082A**		**SW3550**		Analyst: **KF**
Aroclor 1242	U	85		µg/Kg-dry	1	3/13/2008 10:02:00 PM
Aroclor 1254	U	85		µg/Kg-dry	1	3/13/2008 10:02:00 PM
Aroclor 1221	U	85		µg/Kg-dry	1	3/13/2008 10:02:00 PM
Aroclor 1232	U	85		µg/Kg-dry	1	3/13/2008 10:02:00 PM
Aroclor 1248	U	85		µg/Kg-dry	1	3/13/2008 10:02:00 PM
Aroclor 1260	U	85		µg/Kg-dry	1	3/13/2008 10:02:00 PM
Aroclor 1016	U	85		µg/Kg-dry	1	3/13/2008 10:02:00 PM
Surr: TCX	63.1	26-136		%REC	1	3/13/2008 10:02:00 PM
Surr: DCB	72.6	21-133		%REC	1	3/13/2008 10:02:00 PM
PESTICIDES SW-846 METHOD 8081		**SW8081B**		**SW3550**		Analyst: **AR**
4,4'-DDD	U	5.3		µg/Kg-dry	1	3/14/2008 4:59:00 PM
4,4'-DDE	U	5.3		µg/Kg-dry	1	3/14/2008 4:59:00 PM
4,4'-DDT	U	5.3		µg/Kg-dry	1	3/14/2008 4:59:00 PM
Aldrin	U	5.3		µg/Kg-dry	1	3/14/2008 4:59:00 PM
alpha-BHC	U	5.3		µg/Kg-dry	1	3/14/2008 4:59:00 PM
beta-BHC	U	5.3		µg/Kg-dry	1	3/14/2008 4:59:00 PM
Chlordane	U	16		µg/Kg-dry	1	3/14/2008 4:59:00 PM
delta-BHC	U	5.3		µg/Kg-dry	1	3/14/2008 4:59:00 PM
Dieldrin	U	5.3		µg/Kg-dry	1	3/14/2008 4:59:00 PM
Endosulfan I	U	5.3		µg/Kg-dry	1	3/14/2008 4:59:00 PM
Endosulfan II	U	5.3		µg/Kg-dry	1	3/14/2008 4:59:00 PM
Endosulfan sulfate	U	5.3		µg/Kg-dry	1	3/14/2008 4:59:00 PM
Endrin	U	5.3		µg/Kg-dry	1	3/14/2008 4:59:00 PM
Endrin ketone	U	5.3		µg/Kg-dry	1	3/14/2008 4:59:00 PM
gamma-BHC	U	5.3		µg/Kg-dry	1	3/14/2008 4:59:00 PM
Heptachlor	U	5.3		µg/Kg-dry	1	3/14/2008 4:59:00 PM
Heptachlor epoxide	U	5.3		µg/Kg-dry	1	3/14/2008 4:59:00 PM
Methoxychlor	U	5.3		µg/Kg-dry	1	3/14/2008 4:59:00 PM
Surr: DCB	77.5	31-133		%REC	1	3/14/2008 4:59:00 PM
Surr: TCX	47.9	32-132		%REC	1	3/14/2008 4:59:00 PM
HERBICIDES SW-846 8321		**SW8321A**		**SW8321A**		Analyst: **MMR**
2,4,5-T	U	110		µg/Kg-dry	1	3/13/2008 5:12:07 PM
2,4,5-TP (Silvex)	U	110		µg/Kg-dry	1	3/13/2008 5:12:07 PM
2,4-D	U	110		µg/Kg-dry	1	3/13/2008 5:12:07 PM
Surr: 1,4-Dichlorobenzene	87.1	15-132		%REC	1	3/13/2008 5:12:07 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *17-Mar-08*

CLIENT:	Environmental Energy Associates, Inc.	**Client Sample ID:**	ES4 COMP
Lab Order:	0803109	**Tag Number:**	
Project:	S3II East Side Access	**Collection Date:**	3/10/2008 8:30:00 AM
Lab ID:	0803109-06A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		**D2216**				Analyst: **LB**
Percent Moisture	6.90	0		wt%	1	3/11/2008
TAGM METALS		**SW6010B**		**SW3050A**		Analyst: **JP**
Aluminum	1220	0.426		mg/Kg-dry	1	3/14/2008 9:37:52 AM
Antimony	U	0.533		mg/Kg-dry	1	3/13/2008 3:34:33 PM
Arsenic	0.913	0.533		mg/Kg-dry	1	3/13/2008 3:34:33 PM
Barium	128	0.426		mg/Kg-dry	1	3/13/2008 3:34:33 PM
Beryllium	U	0.426		mg/Kg-dry	1	3/13/2008 3:34:33 PM
Cadmium	U	0.320		mg/Kg-dry	1	3/13/2008 3:34:33 PM
Calcium	2080	0.533		mg/Kg-dry	1	3/13/2008 3:34:33 PM
Chromium	17.2	0.426		mg/Kg-dry	1	3/13/2008 3:34:33 PM
Cobalt	U	0.426		mg/Kg-dry	1	3/13/2008 3:34:33 PM
Copper	17.7	0.426		mg/Kg-dry	1	3/13/2008 3:34:33 PM
Iron	2070	0.426		mg/Kg-dry	1	3/14/2008 9:37:52 AM
Lead	3.12	0.320		mg/Kg-dry	1	3/13/2008 3:34:33 PM
Magnesium	5140	0.426		mg/Kg-dry	1	3/13/2008 3:34:33 PM
Manganese	308	0.426		mg/Kg-dry	1	3/13/2008 3:34:33 PM
Nickel	17.1	0.426		mg/Kg-dry	1	3/13/2008 3:34:33 PM
Potassium	6520	0.533		mg/Kg-dry	1	3/13/2008 3:34:33 PM
Selenium	U	0.533		mg/Kg-dry	1	3/13/2008 3:34:33 PM
Silver	U	0.426		mg/Kg-dry	1	3/13/2008 3:34:33 PM
Sodium	203	0.533		mg/Kg-dry	1	3/13/2008 3:34:33 PM
Thallium	4.11	0.533		mg/Kg-dry	1	3/13/2008 3:34:33 PM
Vanadium	32.0	0.426		mg/Kg-dry	1	3/13/2008 3:34:33 PM
Zinc	54.2	0.426		mg/Kg-dry	1	3/13/2008 3:34:33 PM
SEMIVOLATILE SW-846 8270		**SW8270D**		**SW3550A**		Analyst: **RN**
2,4,5-Trichlorophenol	U	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM
2,4-Dichlorophenol	U	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM
2,4-Dinitrophenol	U	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM
2,6-Dinitrotoluene	U	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM
2-Chlorophenol	U	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM
2-Methylnaphthalene	U	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM
2-Methylphenol	U	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM
2-Nitroaniline	U	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM
2-Nitrophenol	U	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM
3,3'-Dichlorobenzidine	U	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM
3+4-Methylphenol	U	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM
3-Nitroaniline	U	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM
4-Chloro-3-methylphenol	U	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

CLIENT:	Environmental Energy Associates, Inc.	**Client Sample ID:**	ES4 COMP
Lab Order:	0803109	**Tag Number:**	
Project:	S3II East Side Access	**Collection Date:**	3/10/2008 8:30:00 AM
Lab ID:	0803109-06A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 8270		**SW8270D**		**SW3550A**		Analyst: **RN**
4-Chloroaniline	U	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM
4-Nitrophenol	U	160		µg/Kg-dry	1	3/14/2008 12:44:00 PM
Acenaphthene	U	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM
Acenaphthylene	U	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM
Aniline	U	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM
Anthracene	U	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM
Benzo(a)anthracene	U	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM
Benzo(a)pyrene	U	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM
Benzo(b)fluoranthene	U	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM
Benzo(g,h,i)perylene	U	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM
Benzo(k)fluoranthene	U	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM
Benzoic acid	U	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM
Bis(2-ethylhexyl)phthalate	U	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM
Butyl benzyl phthalate	U	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM
Chrysene	U	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM
Dibenzo(a,h)anthracene	U	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM
Dibenzofuran	U	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM
Diethyl phthalate	230	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM
Dimethyl phthalate	U	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM
Di-n-butyl phthalate	U	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM
Di-n-octyl phthalate	U	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM
Fluoranthene	U	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM
Fluorene	U	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM
Hexachlorobenzene	U	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM
Indeno(1,2,3-c,d)pyrene	U	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM
Isophorone	U	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM
Naphthalene	U	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM
Nitrobenzene	U	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM
Pentachlorophenol	U	160		µg/Kg-dry	1	3/14/2008 12:44:00 PM
Phenanthrene	U	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM
Phenol	U	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM
Pyrene	U	130		µg/Kg-dry	1	3/14/2008 12:44:00 PM
Surr: 2,4,6-Tribromophenol	47.2	22-124		%REC	1	3/14/2008 12:44:00 PM
Surr: 2-Fluorobiphenyl	65.2	27-119		%REC	1	3/14/2008 12:44:00 PM
Surr: 2-Fluorophenol	33.0	21-123		%REC	1	3/14/2008 12:44:00 PM
Surr: 4-Terphenyl-d14	71.8	28-126		%REC	1	3/14/2008 12:44:00 PM
Surr: Nitrobenzene-d5	53.2	21-118		%REC	1	3/14/2008 12:44:00 PM
Surr: Phenol-d6	41.8	18-129		%REC	1	3/14/2008 12:44:00 PM
CYANIDE, TOTAL		**SW9012A**				Analyst: **STP**

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *17-Mar-08*

CLIENT:	Environmental Energy Associates, Inc.	**Client Sample ID:**	ES4 COMP
Lab Order:	0803109	**Tag Number:**	
Project:	S3II East Side Access	**Collection Date:**	3/10/2008 8:30:00 AM
Lab ID:	0803109-06A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
CYANIDE, TOTAL		**SW9012A**				Analyst: **STP**
Cyanide, Total & Amenable: Auto Colorimetric	U	0.107		mg/Kg-dry	1	3/12/2008

Qualifiers:				
	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *17-Mar-08*

CLIENT:	Environmental Energy Associates, Inc.	**Client Sample ID:**	ES5 VOC
Lab Order:	0803109	**Tag Number:**	
Project:	S3II East Side Access	**Collection Date:**	3/10/2008 8:45:00 AM
Lab ID:	0803109-07A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		**D2216**				Analyst: **LB**
Percent Moisture	8.30	0		wt%	1	3/11/2008
VOLATILE SW-846 METHOD 8260		**SW8260B**		**SW5030A**		Analyst: **LDS**
1,1,1,2-Tetrachloroethane	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
1,1,1-Trichloroethane	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
1,1,2,2-Tetrachloroethane	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
1,1,2-Trichloroethane	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
1,1-Dichloroethane	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
1,1-Dichloroethene	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
1,1-Dichloropropene	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
1,2,3-Trichlorobenzene	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
1,2,3-Trichloropropane	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
1,2,4,5-Tetramethylbenzene	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
1,2,4-Trichlorobenzene	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
1,2,4-Trimethylbenzene	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
1,2-Dibromo-3-chloropropane	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
1,2-Dibromoethane	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
1,2-Dichlorobenzene	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
1,2-Dichloroethane	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
1,2-Dichloropropane	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
1,3,5-Trimethylbenzene	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
1,3-Dichlorobenzene	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
1,3-dichloropropane	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
1,4-Dichlorobenzene	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
1,4-Dioxane	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
2,2-Dichloropropane	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
2-Butanone	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
2-Chloroethyl vinyl ether	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
2-Chlorotoluene	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
2-Hexanone	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
2-Propanol	U	55		µg/Kg-dry	1	3/11/2008 10:59:00 PM
4-Chlorotoluene	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
4-Isopropyltoluene	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
4-Methyl-2-pentanone	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
Acetone	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
Acrolein	U	27		µg/Kg-dry	1	3/11/2008 10:59:00 PM
Acrylonitrile	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
Benzene	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
Bromobenzene	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *17-Mar-08*

CLIENT:	Environmental Energy Associates, Inc.	**Client Sample ID:**	ES5 VOC
Lab Order:	0803109	**Tag Number:**	
Project:	S3II East Side Access	**Collection Date:**	3/10/2008 8:45:00 AM
Lab ID:	0803109-07A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**		**SW5030A**		Analyst: **LDS**
Bromochloromethane	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
Bromodichloromethane	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
Bromoform	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
Bromomethane	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
Carbon disulfide	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
Carbon tetrachloride	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
Chlorobenzene	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
Chlorodifluoromethane	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
Chloroethane	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
Chloroform	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
Chloromethane	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
cis-1,2-Dichloroethene	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
cis-1,3-Dichloropropene	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
Dibromochloromethane	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
Dibromomethane	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
Dichlorodifluoromethane	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
Diisopropyl ether	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
Ethanol	U	27		µg/Kg-dry	1	3/11/2008 10:59:00 PM
Ethyl acetate	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
Ethylbenzene	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
Freon-114	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
Hexachlorobutadiene	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
Isopropyl acetate	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
Isopropylbenzene	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
m,p-Xylene	U	11		µg/Kg-dry	1	3/11/2008 10:59:00 PM
Methyl tert-butyl ether	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
Methylene chloride	6.6	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
n-Amyl acetate	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
Naphthalene	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
n-Butyl acetate	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
n-Butylbenzene	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
n-Propyl acetate	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
n-Propylbenzene	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
o-Xylene	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
p-Diethylbenzene	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
p-Ethyltoluene	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
sec-Butylbenzene	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
Styrene	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
t-Butyl alcohol	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *17-Mar-08*

CLIENT:	Environmental Energy Associates, Inc.	**Client Sample ID:**	ES5 VOC
Lab Order:	0803109	**Tag Number:**	
Project:	S3II East Side Access	**Collection Date:**	3/10/2008 8:45:00 AM
Lab ID:	0803109-07A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		**SW8260B**		**SW5030A**		Analyst: **LDS**
tert-Butylbenzene	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
Tetrachloroethene	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
Toluene	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
trans-1,2-Dichloroethene	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
trans-1,3-Dichloropropene	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
Trichloroethene	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
Trichlorofluoromethane	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
Vinyl acetate	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
Vinyl chloride	U	5.5		µg/Kg-dry	1	3/11/2008 10:59:00 PM
Surr: 4-Bromofluorobenzene	93.4	61-133		%REC	1	3/11/2008 10:59:00 PM
Surr: Dibromofluoromethane	91.6	61-139		%REC	1	3/11/2008 10:59:00 PM
Surr: Toluene-d8	87.9	57-131		%REC	1	3/11/2008 10:59:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *17-Mar-08*

CLIENT:	Environmental Energy Associates, Inc.	**Client Sample ID:**	ES5 COMP
Lab Order:	0803109	**Tag Number:**	
Project:	S3II East Side Access	**Collection Date:**	3/10/2008 8:45:00 AM
Lab ID:	0803109-08A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY		**SW7471B**		**SW7471B**		Analyst: **AH**
Mercury	U	0.00964		mg/Kg-dry	1	3/13/2008 1:44:29 PM
PCB'S AS AROCLORS SW-846 METHOD 8082		**SW8082A**		**SW3550**		Analyst: **KF**
Aroclor 1242	U	88		µg/Kg-dry	1	3/13/2008 10:20:00 PM
Aroclor 1254	U	88		µg/Kg-dry	1	3/13/2008 10:20:00 PM
Aroclor 1221	U	88		µg/Kg-dry	1	3/13/2008 10:20:00 PM
Aroclor 1232	U	88		µg/Kg-dry	1	3/13/2008 10:20:00 PM
Aroclor 1248	U	88		µg/Kg-dry	1	3/13/2008 10:20:00 PM
Aroclor 1260	U	88		µg/Kg-dry	1	3/13/2008 10:20:00 PM
Aroclor 1016	U	88		µg/Kg-dry	1	3/13/2008 10:20:00 PM
Surr: TCX	58.3	26-136		%REC	1	3/13/2008 10:20:00 PM
Surr: DCB	64.6	21-133		%REC	1	3/13/2008 10:20:00 PM
PESTICIDES SW-846 METHOD 8081		**SW8081B**		**SW3550**		Analyst: **AR**
4,4´-DDD	U	5.5		µg/Kg-dry	1	3/14/2008 5:17:00 PM
4,4´-DDE	U	5.5		µg/Kg-dry	1	3/14/2008 5:17:00 PM
4,4´-DDT	U	5.5		µg/Kg-dry	1	3/14/2008 5:17:00 PM
Aldrin	U	5.5		µg/Kg-dry	1	3/14/2008 5:17:00 PM
alpha-BHC	U	5.5		µg/Kg-dry	1	3/14/2008 5:17:00 PM
beta-BHC	U	5.5		µg/Kg-dry	1	3/14/2008 5:17:00 PM
Chlordane	U	16		µg/Kg-dry	1	3/14/2008 5:17:00 PM
delta-BHC	U	5.5		µg/Kg-dry	1	3/14/2008 5:17:00 PM
Dieldrin	U	5.5		µg/Kg-dry	1	3/14/2008 5:17:00 PM
Endosulfan I	U	5.5		µg/Kg-dry	1	3/14/2008 5:17:00 PM
Endosulfan II	U	5.5		µg/Kg-dry	1	3/14/2008 5:17:00 PM
Endosulfan sulfate	U	5.5		µg/Kg-dry	1	3/14/2008 5:17:00 PM
Endrin	U	5.5		µg/Kg-dry	1	3/14/2008 5:17:00 PM
Endrin ketone	U	5.5		µg/Kg-dry	1	3/14/2008 5:17:00 PM
gamma-BHC	U	5.5		µg/Kg-dry	1	3/14/2008 5:17:00 PM
Heptachlor	U	5.5		µg/Kg-dry	1	3/14/2008 5:17:00 PM
Heptachlor epoxide	U	5.5		µg/Kg-dry	1	3/14/2008 5:17:00 PM
Methoxychlor	U	5.5		µg/Kg-dry	1	3/14/2008 5:17:00 PM
Surr: DCB	74.0	31-133		%REC	1	3/14/2008 5:17:00 PM
Surr: TCX	46.9	32-132		%REC	1	3/14/2008 5:17:00 PM
HERBICIDES SW-846 8321		**SW8321A**		**SW8321A**		Analyst: **MMR**
2,4,5-T	U	110		µg/Kg-dry	1	3/13/2008 5:25:40 PM
2,4,5-TP (Silvex)	U	110		µg/Kg-dry	1	3/13/2008 5:25:40 PM
2,4-D	U	110		µg/Kg-dry	1	3/13/2008 5:25:40 PM
Surr: 1,4-Dichlorobenzene	110	15-132		%REC	1	3/13/2008 5:25:40 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *17-Mar-08*

CLIENT:	Environmental Energy Associates, Inc.	**Client Sample ID:**	ES5 COMP
Lab Order:	0803109	**Tag Number:**	
Project:	S3II East Side Access	**Collection Date:**	3/10/2008 8:45:00 AM
Lab ID:	0803109-08A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		**D2216**				Analyst: **LB**
Percent Moisture	9.00	0		wt%	1	3/11/2008
TAGM METALS		**SW6010B**		**SW3050A**		Analyst: **JP**
Aluminum	12500	3.92		mg/Kg-dry	10	3/14/2008 9:39:55 AM
Antimony	U	0.491		mg/Kg-dry	1	3/13/2008 3:36:36 PM
Arsenic	0.905	0.491		mg/Kg-dry	1	3/13/2008 3:36:36 PM
Barium	131	0.392		mg/Kg-dry	1	3/13/2008 3:36:36 PM
Beryllium	U	0.392		mg/Kg-dry	1	3/13/2008 3:36:36 PM
Cadmium	U	0.294		mg/Kg-dry	1	3/13/2008 3:36:36 PM
Calcium	1980	0.491		mg/Kg-dry	1	3/13/2008 3:36:36 PM
Chromium	17.2	0.392		mg/Kg-dry	1	3/13/2008 3:36:36 PM
Cobalt	U	0.392		mg/Kg-dry	1	3/13/2008 3:36:36 PM
Copper	20.2	0.392		mg/Kg-dry	1	3/13/2008 3:36:36 PM
Iron	20600	3.92		mg/Kg-dry	10	3/14/2008 9:39:55 AM
Lead	3.02	0.294		mg/Kg-dry	1	3/13/2008 3:36:36 PM
Magnesium	5110	0.392		mg/Kg-dry	1	3/13/2008 3:36:36 PM
Manganese	296	0.392		mg/Kg-dry	1	3/13/2008 3:36:36 PM
Nickel	16.7	0.392		mg/Kg-dry	1	3/13/2008 3:36:36 PM
Potassium	6450	0.491		mg/Kg-dry	1	3/13/2008 3:36:36 PM
Selenium	0.496	0.491		mg/Kg-dry	1	3/13/2008 3:36:36 PM
Silver	U	0.392		mg/Kg-dry	1	3/13/2008 3:36:36 PM
Sodium	202	0.491		mg/Kg-dry	1	3/13/2008 3:36:36 PM
Thallium	3.85	0.491		mg/Kg-dry	1	3/13/2008 3:36:36 PM
Vanadium	31.1	0.392		mg/Kg-dry	1	3/13/2008 3:36:36 PM
Zinc	52.3	0.392		mg/Kg-dry	1	3/13/2008 3:36:36 PM
SEMIVOLATILE SW-846 8270		**SW8270D**		**SW3550A**		Analyst: **RN**
2,4,5-Trichlorophenol	U	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM
2,4-Dichlorophenol	U	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM
2,4-Dinitrophenol	U	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM
2,6-Dinitrotoluene	U	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM
2-Chlorophenol	U	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM
2-Methylnaphthalene	U	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM
2-Methylphenol	U	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM
2-Nitroaniline	U	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM
2-Nitrophenol	U	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM
3,3´-Dichlorobenzidine	U	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM
3+4-Methylphenol	U	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM
3-Nitroaniline	U	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM
4-Chloro-3-methylphenol	U	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *17-Mar-08*

CLIENT:	Environmental Energy Associates, Inc.	**Client Sample ID:**	ES5 COMP
Lab Order:	0803109	**Tag Number:**	
Project:	S3II East Side Access	**Collection Date:**	3/10/2008 8:45:00 AM
Lab ID:	0803109-08A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 8270		**SW8270D**		**SW3550A**		Analyst: **RN**
4-Chloroaniline	U	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM
4-Nitrophenol	U	160		µg/Kg-dry	1	3/14/2008 1:09:00 PM
Acenaphthene	U	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM
Acenaphthylene	U	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM
Aniline	U	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM
Anthracene	U	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM
Benzo(a)anthracene	U	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM
Benzo(a)pyrene	U	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM
Benzo(b)fluoranthene	U	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM
Benzo(g,h,i)perylene	U	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM
Benzo(k)fluoranthene	U	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM
Benzoic acid	U	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM
Bis(2-ethylhexyl)phthalate	U	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM
Butyl benzyl phthalate	U	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM
Chrysene	U	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM
Dibenzo(a,h)anthracene	U	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM
Dibenzofuran	U	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM
Diethyl phthalate	160	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM
Dimethyl phthalate	U	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM
Di-n-butyl phthalate	U	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM
Di-n-octyl phthalate	U	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM
Fluoranthene	U	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM
Fluorene	U	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM
Hexachlorobenzene	U	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM
Indeno(1,2,3-c,d)pyrene	U	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM
Isophorone	U	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM
Naphthalene	U	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM
Nitrobenzene	U	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM
Pentachlorophenol	U	160		µg/Kg-dry	1	3/14/2008 1:09:00 PM
Phenanthrene	U	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM
Phenol	U	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM
Pyrene	U	130		µg/Kg-dry	1	3/14/2008 1:09:00 PM
Surr: 2,4,6-Tribromophenol	45.3	22-124		%REC	1	3/14/2008 1:09:00 PM
Surr: 2-Fluorobiphenyl	61.7	27-119		%REC	1	3/14/2008 1:09:00 PM
Surr: 2-Fluorophenol	30.1	21-123		%REC	1	3/14/2008 1:09:00 PM
Surr: 4-Terphenyl-d14	67.1	28-126		%REC	1	3/14/2008 1:09:00 PM
Surr: Nitrobenzene-d5	50.8	21-118		%REC	1	3/14/2008 1:09:00 PM
Surr: Phenol-d6	40.9	18-129		%REC	1	3/14/2008 1:09:00 PM
CYANIDE, TOTAL		**SW9012A**				Analyst: **STP**

Qualifiers:			
	B	Analyte detected in the associated Method Blank	E Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *17-Mar-08*

CLIENT:	Environmental Energy Associates, Inc.	**Client Sample ID:**	ES5 COMP
Lab Order:	0803109	**Tag Number:**	
Project:	S3II East Side Access	**Collection Date:**	3/10/2008 8:45:00 AM
Lab ID:	0803109-08A	**Matrix:**	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
CYANIDE, TOTAL		**SW9012A**				Analyst: **STP**
Cyanide, Total & Amenable: Auto Colorimetric	U	0.110		mg/Kg-dry	1	3/12/2008

Qualifiers:	B	Analyte detected in the associated Method Blank	E	Value above quantitation range
	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
	U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

QUALITY CONTROL SUMMARIES

CLIENT: Environmental Energy Associates, Inc.
Work Order: 0803109
Project: S3II East Side Access

ANALYTICAL QC SUMMARY REPORT

TestCode: 8321Dry

Sample ID MB-20301	SampType: MBLK	TestCode: 8321Dry	Units: µg/Kg	Prep Date: 3/12/2008	RunNo: 33173
Client ID: PBS	Batch ID: 20301	TestNo: SW8321A	SW8321A	Analysis Date: 3/13/2008	SeqNo: 423189

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	U	100									
2,4,5-TP (Silvex)	U	100									
2,4-D	U	100									
Surr: 1,4-Dichlorobenzene	17		16.65		101	15	132				

Sample ID LCS-20301	SampType: LCS	TestCode: 8321Dry	Units: µg/Kg	Prep Date: 3/12/2008	RunNo: 33173
Client ID: LCSS	Batch ID: 20301	TestNo: SW8321A	SW8321A	Analysis Date: 3/13/2008	SeqNo: 423190

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	200	100	166.5	0	119	25	127				
2,4,5-TP (Silvex)	170	100	166.5	0	104	21	125				
2,4-D	200	100	166.5	0	119	19	127				
Surr: 1,4-Dichlorobenzene	17		16.65		101	15	132				

Sample ID LCSD-20301	SampType: LCS	TestCode: 8321Dry	Units: µg/Kg	Prep Date: 3/12/2008	RunNo: 33173
Client ID: LCSS	Batch ID: 20301	TestNo: SW8321A	SW8321A	Analysis Date: 3/13/2008	SeqNo: 423191

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	180	100	166.5	0	107	25	127	198.0	10.5	0	
2,4,5-TP (Silvex)	170	100	166.5	0	99.6	21	125	173.4	4.42	0	
2,4-D	180	100	166.5	0	106	19	127	198.2	12.0	0	
Surr: 1,4-Dichlorobenzene	17		16.65		101	15	132		0	0	

Sample ID MB-20301	SampType: MBLK	TestCode: 8321Dry	Units: µg/Kg	Prep Date: 3/12/2008	RunNo: 33175
Client ID: PBS	Batch ID: 20301	TestNo: SW8321A	SW8321A	Analysis Date: 3/13/2008	SeqNo: 423203

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	U	100									
2,4,5-TP (Silvex)	U	100									

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation l
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted rec
U Indicates the compound was analyzed for but not detecte

CLIENT: Environmental Energy Associates, Inc.
Work Order: 0803109
Project: S3II East Side Access

ANALYTICAL QC SUMMARY REPORT

TestCode: 8321Dry

Sample ID MB-20301	SampType: MBLK	TestCode: 8321Dry	Units: µg/Kg	Prep Date: 3/12/2008	RunNo: 33175
Client ID: PBS	Batch ID: 20301	TestNo: SW8321A	SW8321A	Analysis Date: 3/13/2008	SeqNo: 423203

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4-D	U	100									
Surr: 1,4-Dichlorobenzene	17		16.65		101	15	132				

Sample ID LCS-20301	SampType: LCS	TestCode: 8321Dry	Units: µg/Kg	Prep Date: 3/12/2008	RunNo: 33175
Client ID: LCSS	Batch ID: 20301	TestNo: SW8321A	SW8321A	Analysis Date: 3/13/2008	SeqNo: 423204

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	200	100	166.5	0	119	25	127				
2,4,5-TP (Silvex)	170	100	166.5	0	104	21	125				
2,4-D	200	100	166.5	0	119	19	127				
Surr: 1,4-Dichlorobenzene	17		16.65		101	15	132				

Sample ID LCSD-20301	SampType: LCS	TestCode: 8321Dry	Units: µg/Kg	Prep Date: 3/12/2008	RunNo: 33175
Client ID: LCSS	Batch ID: 20301	TestNo: SW8321A	SW8321A	Analysis Date: 3/13/2008	SeqNo: 423205

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	180	100	166.5	0	107	25	127	198.0	10.5	0	
2,4,5-TP (Silvex)	170	100	166.5	0	99.6	21	125	173.4	4.42	0	
2,4-D	180	100	166.5	0	106	19	127	198.2	12.0	0	
Surr: 1,4-Dichlorobenzene	17		16.65		101	15	132		0	0	

Sample ID MB-20301	SampType: MBLK	TestCode: 8321Dry	Units: µg/Kg	Prep Date: 3/12/2008	RunNo: 33176
Client ID: PBS	Batch ID: 20301	TestNo: SW8321A	SW8321A	Analysis Date: 3/13/2008	SeqNo: 423210

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	U	100									
2,4,5-TP (Silvex)	U	100									
2,4-D	U	100									
Surr: 1,4-Dichlorobenzene	17		16.65		101	15	132				

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation li
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted reco
U	Indicates the compound was analyzed for but not detecte				

CLIENT: Environmental Energy Associates, Inc.
Work Order: 0803109
Project: S3II East Side Access

ANALYTICAL QC SUMMARY REPORT

TestCode: 8321Dry

Sample ID LCS-20301	SampType: LCS	TestCode: 8321Dry	Units: µg/Kg	Prep Date: 3/12/2008	RunNo: 33176
Client ID: LCSS	Batch ID: 20301	TestNo: SW8321A	SW8321A	Analysis Date: 3/13/2008	SeqNo: 423211

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	200	100	166.5	0	119	25	127				
2,4,5-TP (Silvex)	170	100	166.5	0	104	21	125				
2,4-D	200	100	166.5	0	119	19	127				
Surr: 1,4-Dichlorobenzene	17		16.65		101	15	132				

Sample ID LCSD-20301	SampType: LCS	TestCode: 8321Dry	Units: µg/Kg	Prep Date: 3/12/2008	RunNo: 33176
Client ID: LCSS	Batch ID: 20301	TestNo: SW8321A	SW8321A	Analysis Date: 3/13/2008	SeqNo: 423212

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-T	180	100	166.5	0	107	25	127	198.0	10.6	0	
2,4,5-TP (Silvex)	170	100	166.5	0	99.6	21	125	173.4	4.42	0	
2,4-D	180	100	166.5	0	106	19	127	198.2	12.0	0	
Surr: 1,4-Dichlorobenzene	17		16.65		101	15	132		0	0	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation l
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted reco
U	Indicates the compound was analyzed for but not detecte				

CLIENT: Environmental Energy Associates, Inc.
Work Order: 0803109
Project: S3II East Side Access

ANALYTICAL QC SUMMARY REPORT

TestCode: CN_DRY

Sample ID 0803109-02A MS	SampType: MS	TestCode: CN_DRY	Units: mg/Kg-dry	Prep Date:	RunNo: 33091
Client ID: ES2 COMP	Batch ID: R33091	TestNo: SW9012A		Analysis Date: 3/12/2008	SeqNo: 422087

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide, Total & Amenable: Auto Color	0.230	0.110	0.2200	0	104	73	123				

Sample ID 0803109-02A MSD	SampType: MSD	TestCode: CN_DRY	Units: mg/Kg-dry	Prep Date:	RunNo: 33091
Client ID: ES2 COMP	Batch ID: R33091	TestNo: SW9012A		Analysis Date: 3/12/2008	SeqNo: 422088

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide, Total & Amenable: Auto Color	0.219	0.110	0.2200	0	99.5	73	123	0.2299	4.90	20	

Sample ID BL	SampType: MBLK	TestCode: CN_DRY	Units: mg/Kg	Prep Date:	RunNo: 33091
Client ID: PBS	Batch ID: R33091	TestNo: SW9012A		Analysis Date: 3/12/2008	SeqNo: 422091

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide, Total & Amenable: Auto Color	U	0.100									

Sample ID LCS	SampType: LCS	TestCode: CN_DRY	Units: mg/Kg	Prep Date:	RunNo: 33091
Client ID: LCSS	Batch ID: R33091	TestNo: SW9012A		Analysis Date: 3/12/2008	SeqNo: 422092

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cyanide, Total & Amenable: Auto Color	0.197	0.100	0.2000	0	98.5	73	123				

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation li
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recc
U	Indicates the compound was analyzed for but not detecte				

CLIENT: Environmental Energy Associates, Inc.
Work Order: 0803109
Project: S3II East Side Access

ANALYTICAL QC SUMMARY REPORT

TestCode: DRYHG_S

Sample ID	LCS-031308A	SampType:	LCS	TestCode:	DRYHG_S	Units:	mg/Kg	Prep Date:	3/13/2008	RunNo:	33149
Client ID:	LCSS	Batch ID:	20325	TestNo:	SW7471B	SW7471B		Analysis Date:	3/13/2008	SeqNo:	422809

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.208	0.0100	0.2000	0	104	63	128				

Sample ID	LCS-031308B	SampType:	LCS	TestCode:	DRYHG_S	Units:	mg/Kg	Prep Date:	3/13/2008	RunNo:	33149
Client ID:	LCSS	Batch ID:	20325	TestNo:	SW7471B	SW7471B		Analysis Date:	3/13/2008	SeqNo:	422811

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.206	0.0100	0.2000	0	103	63	128				

Sample ID	PBS-031308B	SampType:	MBLK	TestCode:	DRYHG_S	Units:	mg/Kg	Prep Date:	3/13/2008	RunNo:	33149
Client ID:	PBS	Batch ID:	20325	TestNo:	SW7471B	SW7471B		Analysis Date:	3/13/2008	SeqNo:	422812

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	U	0.0100									

Sample ID	0803118-07A-MS	SampType:	MS	TestCode:	DRYHG_S	Units:	mg/Kg-dry	Prep Date:	3/13/2008	RunNo:	33149
Client ID:	ZZZZZZ	Batch ID:	20325	TestNo:	SW7471B	SW7471B		Analysis Date:	3/13/2008	SeqNo:	422849

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.255	0.0124	0.2483	0.02235	93.7	63	128				

Sample ID	0803118-07A-MSD	SampType:	MSD	TestCode:	DRYHG_S	Units:	mg/Kg-dry	Prep Date:	3/13/2008	RunNo:	33149
Client ID:	ZZZZZZ	Batch ID:	20325	TestNo:	SW7471B	SW7471B		Analysis Date:	3/13/2008	SeqNo:	422850

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.256	0.0124	0.2483	0.02235	94.2	63	128	0.2551	0.485	20	

Sample ID	0803136-04A-MS	SampType:	MS	TestCode:	DRYHG_S	Units:	mg/Kg	Prep Date:	3/13/2008	RunNo:	33149
Client ID:	ZZZZZZ	Batch ID:	20325	TestNo:	SW7471B	SW7471B		Analysis Date:	3/13/2008	SeqNo:	422851

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Qualifiers:

- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation li
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S Spike Recovery outside accepted reco
- U Indicates the compound was analyzed for but not detecte

CLIENT: Environmental Energy Associates, Inc.
Work Order: 0803109
Project: S3II East Side Access

ANALYTICAL QC SUMMARY REPORT

TestCode: DRYHG_S

Sample ID	0803136-04A-MS	SampType:	MS	TestCode:	DRYHG_S	Units:	mg/Kg	Prep Date:	3/13/2008	RunNo:	33149
Client ID:	ZZZZZZ	Batch ID:	20325	TestNo:	SW7471B	SW7471B		Analysis Date:	3/13/2008	SeqNo:	422851

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.197	0.00943	0.1887	0	104	63	128				

Sample ID	0803136-04A-MSD	SampType:	MSD	TestCode:	DRYHG_S	Units:	mg/Kg	Prep Date:	3/13/2008	RunNo:	33149
Client ID:	ZZZZZZ	Batch ID:	20325	TestNo:	SW7471B	SW7471B		Analysis Date:	3/13/2008	SeqNo:	422852

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.195	0.00943	0.1887	0	104	63	128	0.1967	0.722	20	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation li
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted reco
U	Indicates the compound was analyzed for but not detecte				

CLIENT: Environmental Energy Associates, Inc.
Work Order: 0803109
Project: S3II East Side Access

ANALYTICAL QC SUMMARY REPORT

TestCode: TAGM_MET_DRY

Sample ID	PBS-031308B	SampType:	MBLK	TestCode:	TAGM_MET_	Units:	mg/Kg	Prep Date:	3/13/2008	RunNo:	33193
Client ID:	PBS	Batch ID:	20324	TestNo:	SW6010B	SW3050A		Analysis Date:	3/14/2008	SeqNo:	423340

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	U	0.400									
Antimony	U	0.500									
Arsenic	U	0.500									
Barium	U	0.400									
Beryllium	U	0.400									
Cadmium	U	0.300									
Calcium	U	0.500									
Chromium	U	0.400									
Cobalt	U	0.400									
Copper	U	0.400									
Iron	U	0.400									
Lead	U	0.300									
Magnesium	U	0.400									
Manganese	U	0.400									
Nickel	U	0.400									
Potassium	U	0.500									
Selenium	U	0.500									
Silver	U	0.400									
Sodium	U	0.500									
Thallium	U	0.500									
Vanadium	U	0.400									
Zinc	U	0.400									

Sample ID	LCS-031308B	SampType:	LCS	TestCode:	TAGM_MET_	Units:	mg/Kg	Prep Date:	3/13/2008	RunNo:	33193
Client ID:	LCSS	Batch ID:	20324	TestNo:	SW6010B	SW3050A		Analysis Date:	3/14/2008	SeqNo:	423341

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	41.0	0.400	40.00	0	102	68	124				
Antimony	40.6	0.500	40.00	0	101	62	122				
Arsenic	40.3	0.500	40.00	0	101	66	126				
Barium	41.0	0.400	40.00	0	103	65	125				

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation l
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted reco
U	Indicates the compound was analyzed for but not detecte				

CLIENT: Environmental Energy Associates, Inc.
Work Order: 0803109
Project: S31I East Side Access

ANALYTICAL QC SUMMARY REPORT

TestCode: TAGM_MET_DRY

Sample ID	LCS-031308B	SampType:	LCS	TestCode:	TAGM_MET_	Units:	mg/Kg	Prep Date:	3/13/2008	RunNo:	33193
Client ID:	LCSS	Batch ID:	20324	TestNo:	SW6010B	SW3050A		Analysis Date:	3/14/2008	SeqNo:	423341

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Beryllium	40.4	0.400	40.00	0	101	64	124				
Cadmium	40.5	0.300	40.00	0	101	66	124				
Calcium	40.8	0.500	40.00	0	102	75	125				
Chromium	40.4	0.400	40.00	0	101	66	128				
Cobalt	40.5	0.400	40.00	0	101	65	123				
Copper	41.0	0.400	40.00	0	103	67	130				
Iron	40.9	0.400	40.00	0	102	75	125				
Lead	40.2	0.300	40.00	0	101	64	124				
Magnesium	40.5	0.400	40.00	0	101	75	125				
Manganese	40.6	0.400	40.00	0	102	65	125				
Nickel	40.1	0.400	40.00	0	100	63	125				
Potassium	415	0.500	400.0	0	104	75	125				
Selenium	40.4	0.500	40.00	0	101	66	124				
Silver	40.9	0.400	40.00	0	102	67	123				
Sodium	40.5	0.500	40.00	0	101	75	125				
Thallium	41.0	0.500	40.00	0	102	65	125				
Vanadium	40.8	0.400	40.00	0	102	63	126				
Zinc	40.3	0.400	40.00	0	101	62	130				

Sample ID	0803126-10A-MS	SampType:	MS	TestCode:	TAGM_MET_	Units:	mg/Kg-dry	Prep Date:	3/13/2008	RunNo:	33193
Client ID:	ZZZZZZ	Batch ID:	20324	TestNo:	SW6010B	SW3050A		Analysis Date:	3/14/2008	SeqNo:	423348

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	2330	0.366	18.28	2380	-292	68	124				S
Antimony	13.9	0.457	18.28	0	75.9	62	122				
Arsenic	16.5	0.457	18.28	2.005	79.6	66	126				
Barium	24.0	0.366	18.28	10.08	75.9	65	125				
Beryllium	14.6	0.366	18.28	0	79.7	64	124				
Cadmium	14.4	0.274	18.28	0	79.1	66	124				
Calcium	10900	0.457	18.28	11130	-1110	75	125				S
Chromium	21.9	0.366	18.28	8.567	73.1	66	128				

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation li
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted reco
U	Indicates the compound was analyzed for but not detecte				

CLIENT: Environmental Energy Associates, Inc.
Work Order: 0803109
Project: S3II East Side Access

ANALYTICAL QC SUMMARY REPORT

TestCode: TAGM_MET_DRY

Sample ID 0803126-10A-MS	SampType: MS	TestCode: TAGM_MET_	Units: mg/Kg-dry	Prep Date: 3/13/2008	RunNo: 33193
Client ID: ZZZZZZ	Batch ID: 20324	TestNo: SW6010B	SW3050A	Analysis Date: 3/14/2008	SeqNo: 423348

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cobalt	10.4	0.366	18.28	0	57.0	65	123				S
Copper	28.1	0.366	18.28	13.08	82.0	67	130				
Iron	3290	0.366	18.28	3361	-386	75	125				S
Lead	42.9	0.274	18.28	31.41	63.0	64	124				S
Magnesium	7240	0.366	18.28	7378	-779	75	125				S
Manganese	93.5	0.366	18.28	81.79	64.0	65	125				S
Nickel	25.6	0.366	18.28	13.60	65.7	63	125				
Potassium	1330	0.457	182.8	1151	99.7	75	125				
Selenium	15.1	0.457	18.28	0.3408	80.6	66	124				
Silver	15.6	0.366	18.28	0	85.2	67	123				
Sodium	197	0.457	18.28	183.2	76.2	75	125				
Thallium	14.9	0.457	18.28	0	81.6	65	125				
Vanadium	22.9	0.366	18.28	8.869	76.8	63	126				
Zinc	39.2	0.366	18.28	25.55	74.5	62	130				

Sample ID 0803126-10A-MSD	SampType: MSD	TestCode: TAGM_MET_	Units: mg/Kg-dry	Prep Date: 3/13/2008	RunNo: 33193
Client ID: ZZZZZZ	Batch ID: 20324	TestNo: SW6010B	SW3050A	Analysis Date: 3/14/2008	SeqNo: 423349

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aluminum	2330	0.366	18.28	2380	-256	68	124	2326	0.285	20	S
Antimony	14.0	0.457	18.28	0	76.7	62	122	13.87	1.08	20	
Arsenic	16.5	0.457	18.28	2.005	79.0	66	126	16.55	0.576	20	
Barium	23.8	0.366	18.28	10.08	75.1	65	125	23.96	0.647	20	
Beryllium	13.9	0.366	18.28	0	76.3	64	124	14.56	4.32	20	
Cadmium	14.5	0.274	18.28	0	79.2	66	124	14.45	0.212	20	
Calcium	11000	0.457	18.28	11130	-700	75	125	10920	0.686	20	S
Chromium	22.0	0.366	18.28	8.567	73.7	66	128	21.93	0.461	20	
Cobalt	10.1	0.366	18.28	0	55.4	65	123	10.42	2.80	20	S
Copper	28.2	0.366	18.28	13.08	82.6	67	130	28.08	0.341	20	
Iron	3290	0.366	18.28	3361	-398	75	125	3291	0.0628	20	S
Lead	43.2	0.274	18.28	31.41	64.5	64	124	42.92	0.654	20	

Qualifiers:
E Value above quantitation range
H Holding times for preparation or analysis exceeded
J Analyte detected below quantitation l
ND Not Detected at the Reporting Limit
R RPD outside accepted recovery limits
S Spike Recovery outside accepted recc
U Indicates the compound was analyzed for but not detecte

CLIENT: Environmental Energy Associates, Inc.
Work Order: 0803109
Project: S3II East Side Access

ANALYTICAL QC SUMMARY REPORT

TestCode: TAGM_MET_DRY

Sample ID	0803126-10A-MSD	SampType:	MSD	TestCode:	TAGM_MET_	Units:	mg/Kg-dry	Prep Date:	3/13/2008	RunNo:	33193
Client ID:	ZZZZZZ	Batch ID:	20324	TestNo:	SW6010B	SW3050A		Analysis Date:	3/14/2008	SeqNo:	423349

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Magnesium	7300	0.366	18.28	7378	-436	75	125	7236	0.863	20	S
Manganese	94.1	0.366	18.28	81.79	67.3	65	125	93.48	0.649	20	
Nickel	25.7	0.366	18.28	13.60	66.1	63	125	25.62	0.274	20	
Potassium	1330	0.457	182.8	1151	98.0	75	125	1333	0.232	20	
Selenium	14.9	0.457	18.28	0.3408	79.9	66	124	15.07	0.787	20	
Silver	15.4	0.366	18.28	0	84.3	67	123	15.58	1.17	20	
Sodium	198	0.457	18.28	183.2	81.4	75	125	197.1	0.481	20	
Thallium	14.9	0.457	18.28	0	81.8	65	125	14.92	0.192	20	
Vanadium	23.0	0.366	18.28	8.869	77.3	63	126	22.90	0.405	20	
Zinc	39.2	0.366	18.28	25.55	74.9	62	130	39.16	0.214	20	

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation l
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted rece
U	Indicates the compound was analyzed for but not detecte				

CLIENT: Environmental Energy Associates, Inc.
Work Order: 0803109
Project: S3II East Side Access

ANALYTICAL QC SUMMARY REPORT

TestCode: TAGM8081Dry

Sample ID MB-20312	SampType: MBLK	TestCode: TAGM8081Dr	Units: µg/Kg	Prep Date: 3/13/2008	RunNo: 33271
Client ID: PBS	Batch ID: 20312	TestNo: SW8081B	SW3550	Analysis Date: 3/14/2008	SeqNo: 424161

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	U	5.0									
4,4´-DDE	U	5.0									
4,4´-DDT	U	5.0									
Aldrin	U	5.0									
alpha-BHC	U	5.0									
beta-BHC	U	5.0									
Chlordane	U	15									
delta-BHC	U	5.0									
Dieldrin	U	5.0									
Endosulfan I	U	5.0									
Endosulfan II	U	5.0									
Endosulfan sulfate	U	5.0									
Endrin	U	5.0									
Endrin ketone	U	5.0									
gamma-BHC	U	5.0									
Heptachlor	U	5.0									
Heptachlor epoxide	U	5.0									
Methoxychlor	U	5.0									
Surr: DCB	45		49.95		90.4	31	133				
Surr: TCX	34		49.95		68.3	32	132				

Sample ID LCS-20312	SampType: LCS	TestCode: TAGM8081Dr	Units: µg/Kg	Prep Date: 3/13/2008	RunNo: 33271
Client ID: LCSS	Batch ID: 20312	TestNo: SW8081B	SW3550	Analysis Date: 3/14/2008	SeqNo: 424162

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	370	5.0	499.5	0	74.0	31	135				
Aldrin	130	5.0	199.8	0	66.5	32	138				
Dieldrin	320	5.0	499.5	0	64.0	31	139				
Endrin	370	5.0	499.5	0	75.0	30	136				
gamma-BHC	130	5.0	199.8	0	65.5	30	135				
Heptachlor	190	5.0	199.8	0	93.0	33	137				

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation l
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted reco
U	Indicates the compound was analyzed for but not detecte				

CLIENT: Environmental Energy Associates, Inc.
Work Order: 0803109
Project: S3II East Side Access

ANALYTICAL QC SUMMARY REPORT

TestCode: TAGM8081Dry

Sample ID	LCS-20312	SampType:	LCS	TestCode:	TAGM8081Dr	Units:	µg/Kg	Prep Date:	3/13/2008	RunNo:	33271
Client ID:	LCSS	Batch ID:	20312	TestNo:	SW8081B	SW3550		Analysis Date:	3/14/2008	SeqNo:	424162

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: DCB	32		49.95		64.2	31	133				
Surr: TCX	28		49.95		56.4	32	132				

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation l
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted reco
U	Indicates the compound was analyzed for but not detecte				

CLIENT: Environmental Energy Associates, Inc.
Work Order: 0803109
Project: S311 East Side Access

ANALYTICAL QC SUMMARY REPORT

TestCode: TAGM8082Dry

Sample ID MB-20310	SampType: MBLK	TestCode: TAGM8082Dr	Units: µg/Kg	Prep Date: 3/13/2008	RunNo: 33233
Client ID: PBS	Batch ID: 20310	TestNo: SW8082A	SW3550	Analysis Date: 3/13/2008	SeqNo: 423857

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1242	U	80									
Aroclor 1254	U	80									
Aroclor 1221	U	80									
Aroclor 1232	U	80									
Aroclor 1248	U	80									
Aroclor 1260	U	80									
Aroclor 1016	U	80									
Surr: TCX	34		49.95		68.0	26	136				
Surr: DCB	33		49.95		66.2	21	133				

Sample ID LCS-20310	SampType: LCS	TestCode: TAGM8082Dr	Units: µg/Kg	Prep Date: 3/13/2008	RunNo: 33233
Client ID: LCSS	Batch ID: 20310	TestNo: SW8082A	SW3550	Analysis Date: 3/13/2008	SeqNo: 423858

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1260	410	80	499.5	0	81.7	28	138				
Aroclor 1016	400	80	499.5	0	79.8	26	134				
Surr: TCX	36		49.95		72.7	26	136				
Surr: DCB	31		49.95		62.3	21	133				

Sample ID 0803109-02A-MS	SampType: MS	TestCode: TAGM8082Dr	Units: µg/Kg-dry	Prep Date: 3/13/2008	RunNo: 33233
Client ID: ES2 COMP	Batch ID: 20310	TestNo: SW8082A	SW3550	Analysis Date: 3/13/2008	SeqNo: 423860

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1260	420	88	549.5	0	76.6	28	138				
Aroclor 1016	410	88	549.5	0	74.9	26	134				
Surr: TCX	37		54.95		66.6	26	136				
Surr: DCB	32		54.95		58.5	21	133				

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation li
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted reco
U	Indicates the compound was analyzed for but not detecte				

CLIENT: Environmental Energy Associates, Inc.
Work Order: 0803109
Project: S3II East Side Access

ANALYTICAL QC SUMMARY REPORT

TestCode: TAGM8082Dry

Sample ID 0803109-02A-MSD	SampType: MSD	TestCode: TAGM8082Dr	Units: µg/Kg-dry	Prep Date: 3/13/2008	RunNo: 33233
Client ID: ES2 COMP	Batch ID: 20310	TestNo: SW8082A	SW3550	Analysis Date: 3/13/2008	SeqNo: 423861

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1260	460	88	549.5	0	83.2	28	138	421.1	8.16	20	
Aroclor 1016	440	88	549.5	0	81.0	26	134	411.4	7.83	20	
Surr: TCX	40		54.95		73.2	26	136		0	0	
Surr: DCB	35		54.95		64.5	21	133		0	0	

Sample ID MB-20310	SampType: MBLK	TestCode: TAGM8082Dr	Units: µg/Kg	Prep Date: 3/13/2008	RunNo: 33236
Client ID: PBS	Batch ID: 20310	TestNo: SW8082A	SW3550	Analysis Date: 3/13/2008	SeqNo: 423879

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1242	U	80									
Aroclor 1254	U	80									
Aroclor 1221	U	80									
Aroclor 1232	U	80									
Aroclor 1248	U	80									
Aroclor 1260	U	80									
Aroclor 1016	U	80									
Surr: TCX	34		49.95		68.0	26	136				
Surr: DCB	33		49.95		66.2	21	133				

Sample ID LCS-20310	SampType: LCS	TestCode: TAGM8082Dr	Units: µg/Kg	Prep Date: 3/13/2008	RunNo: 33236
Client ID: LCSS	Batch ID: 20310	TestNo: SW8082A	SW3550	Analysis Date: 3/13/2008	SeqNo: 423880

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1260	410	80	499.5	0	81.7	28	138				
Aroclor 1016	400	80	499.5	0	79.8	26	134				
Surr: TCX	36		49.95		72.7	26	136				
Surr: DCB	31		49.95		62.3	21	133				

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation l
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted reco
U	Indicates the compound was analyzed for but not detecte				

CLIENT: Environmental Energy Associates, Inc.
Work Order: 0803109
Project: S3II East Side Access

ANALYTICAL QC SUMMARY REPORT

TestCode: TAGM8270Dry

Sample ID MB-20311	SampType: MBLK	TestCode: TAGM8270Dr	Units: µg/Kg	Prep Date: 3/13/2008	RunNo: 33188
Client ID: PBS	Batch ID: 20311	TestNo: SW8270D	SW3550A	Analysis Date: 3/13/2008	SeqNo: 423296

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-Trichlorophenol	U	120									
2,4-Dichlorophenol	U	120									
2,4-Dinitrophenol	U	120									
2,6-Dinitrotoluene	U	120									
2-Chlorophenol	U	120									
2-Methylnaphthalene	U	120									
2-Methylphenol	U	120									
2-Nitroaniline	U	120									
2-Nitrophenol	U	120									
3,3´-Dichlorobenzidine	U	120									
3+4-Methylphenol	U	120									
3-Nitroaniline	U	120									
4-Chloro-3-methylphenol	U	120									
4-Chloroaniline	U	120									
4-Nitrophenol	U	150									
Acenaphthene	U	120									
Acenaphthylene	U	120									
Aniline	U	120									
Anthracene	U	120									
Benzo(a)anthracene	U	120									
Benzo(a)pyrene	U	120									
Benzo(b)fluoranthene	U	120									
Benzo(g,h,i)perylene	U	120									
Benzo(k)fluoranthene	U	120									
Benzoic acid	U	120									
Bis(2-ethylhexyl)phthalate	U	120									
Butyl benzyl phthalate	U	120									
Chrysene	U	120									
Dibenzo(a,h)anthracene	U	120									
Dibenzofuran	U	120									
Diethyl phthalate	100	120									J

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation li
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted reco
U	Indicates the compound was analyzed for but not detecte				

Sample ID MB-20311	SampType: MBLK	TestCode: TAGM8270Dr	Units: µg/Kg	Prep Date: 3/13/2008	RunNo: 33188
Client ID: PBS	Batch ID: 20311	TestNo: SW8270D	SW3550A	Analysis Date: 3/13/2008	SeqNo: 423296

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dimethyl phthalate	U	120									
Di-n-butyl phthalate	U	120									
Di-n-octyl phthalate	U	120									
Fluoranthene	U	120									
Fluorene	U	120									
Hexachlorobenzene	U	120									
Indeno(1,2,3-c,d)pyrene	U	120									
Isophorone	U	120									
Naphthalene	U	120									
Nitrobenzene	U	120									
Pentachlorophenol	U	150									
Phenanthrene	U	120									
Phenol	U	120									
Pyrene	U	120									
Surr: 2,4,6-Tribromophenol	2600		3996		64.2	22	124				
Surr: 2-Fluorobiphenyl	1700		1998		86.3	27	119				
Surr: 2-Fluorophenol	2000		3996		50.5	21	123				
Surr: 4-Terphenyl-d14	1800		1998		91.1	28	126				
Surr: Nitrobenzene-d5	1300		1998		64.6	21	118				
Surr: Phenol-d6	2400		3996		60.6	18	129				

Sample ID LCS-20311	SampType: LCS	TestCode: TAGM8270Dr	Units: µg/Kg	Prep Date: 3/13/2008	RunNo: 33188
Client ID: LCSS	Batch ID: 20311	TestNo: SW8270D	SW3550A	Analysis Date: 3/13/2008	SeqNo: 423297

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Chlorophenol	2700	120	3999	0	68.0	23	117				
4-Chloro-3-methylphenol	2800	120	3999	0	70.4	22	118				
4-Nitrophenol	1700	150	3999	0	41.4	13	116				
Acenaphthene	3000	120	3999	0	75.0	25	125				
Pentachlorophenol	2700	150	3999	0	67.1	16	118				
Phenol	2000	120	3999	0	49.5	17	119				

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation l
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted reco
U	Indicates the compound was analyzed for but not detecte				

CLIENT: Environmental Energy Associates, Inc.
Work Order: 0803109
Project: S3II East Side Access

ANALYTICAL QC SUMMARY REPORT

TestCode: TAGM8270Dry

Sample ID LCS-20311	SampType: LCS	TestCode: TAGM8270Dr	Units: µg/Kg	Prep Date: 3/13/2008	RunNo: 33188
Client ID: LCSS	Batch ID: 20311	TestNo: SW8270D	SW3550A	Analysis Date: 3/13/2008	SeqNo: 423297

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Pyrene	3500	120	3999	0	87.7	22	128				
Surr: 2,4,6-Tribromophenol	2700		3996		67.5	22	124				
Surr: 2-Fluorobiphenyl	1600		1998		82.5	27	119				
Surr: 2-Fluorophenol	1800		3996		43.9	21	123				
Surr: 4-Terphenyl-d14	1800		1998		91.3	28	126				
Surr: Nitrobenzene-d5	1300		1998		62.7	21	118				
Surr: Phenol-d6	2200		3996		54.1	18	129				

Sample ID MB-20311	SampType: MBLK	TestCode: TAGM8270Dr	Units: µg/Kg	Prep Date: 3/13/2008	RunNo: 33212
Client ID: PBS	Batch ID: 20311	TestNo: SW8270D	SW3550A	Analysis Date: 3/13/2008	SeqNo: 423658

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2,4,5-Trichlorophenol	U	120									
2,4-Dichlorophenol	U	120									
2,4-Dinitrophenol	U	120									
2,6-Dinitrotoluene	U	120									
2-Chlorophenol	U	120									
2-Methylnaphthalene	U	120									
2-Methylphenol	U	120									
2-Nitroaniline	U	120									
2-Nitrophenol	U	120									
3,3´-Dichlorobenzidine	U	120									
3+4-Methylphenol	U	120									
3-Nitroaniline	U	120									
4-Chloro-3-methylphenol	U	120									
4-Chloroaniline	U	120									
4-Nitrophenol	U	150									
Acenaphthene	U	120									
Acenaphthylene	U	120									
Aniline	U	120									
Anthracene	U	120									

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation l
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted recc
U	Indicates the compound was analyzed for but not detecte				

CLIENT: Environmental Energy Associates, Inc.
Work Order: 0803109
Project: S3II East Side Access

ANALYTICAL QC SUMMARY REPORT

TestCode: TAGM8270Dry

Sample ID	MB-20311	SampType:	MBLK	TestCode:	TAGM8270Dr	Units:	µg/Kg	Prep Date:	3/13/2008	RunNo:	33212
Client ID:	PBS	Batch ID:	20311	TestNo:	SW8270D	SW3550A		Analysis Date:	3/13/2008	SeqNo:	423658

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzo(a)anthracene	U	120									
Benzo(a)pyrene	U	120									
Benzo(b)fluoranthene	U	120									
Benzo(g,h,i)perylene	U	120									
Benzo(k)fluoranthene	U	120									
Benzoic acid	U	120									
Bis(2-ethylhexyl)phthalate	U	120									
Butyl benzyl phthalate	U	120									
Chrysene	U	120									
Dibenzo(a,h)anthracene	U	120									
Dibenzofuran	U	120									
Diethyl phthalate	100	120									J
Dimethyl phthalate	U	120									
Di-n-butyl phthalate	U	120									
Di-n-octyl phthalate	U	120									
Fluoranthene	U	120									
Fluorene	U	120									
Hexachlorobenzene	U	120									
Indeno(1,2,3-c,d)pyrene	U	120									
Isophorone	U	120									
Naphthalene	U	120									
Nitrobenzene	U	120									
Pentachlorophenol	U	150									
Phenanthrene	U	120									
Phenol	U	120									
Pyrene	U	120									
Surr: 2,4,6-Tribromophenol	2600		3996		64.2	22	124				
Surr: 2-Fluorobiphenyl	1700		1998		86.3	27	119				
Surr: 2-Fluorophenol	2000		3996		50.5	21	123				
Surr: 4-Terphenyl-d14	1800		1998		91.1	28	126				
Surr: Nitrobenzene-d5	1300		1998		64.6	21	118				

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation li
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted reco
U	Indicates the compound was analyzed for but not detecte				

CLIENT: Environmental Energy Associates, Inc.
Work Order: 0803109
Project: S3II East Side Access

ANALYTICAL QC SUMMARY REPORT

TestCode: TAGM8270Dry

Sample ID MB-20311	SampType: MBLK	TestCode: TAGM8270Dr	Units: µg/Kg	Prep Date: 3/13/2008	RunNo: 33212
Client ID: PBS	Batch ID: 20311	TestNo: SW8270D	SW3550A	Analysis Date: 3/13/2008	SeqNo: 423658

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Phenol-d6	2400		3996		60.6	18	129				

Sample ID LCS-20311	SampType: LCS	TestCode: TAGM8270Dr	Units: µg/Kg	Prep Date: 3/13/2008	RunNo: 33212
Client ID: LCSS	Batch ID: 20311	TestNo: SW8270D	SW3550A	Analysis Date: 3/13/2008	SeqNo: 423659

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
2-Chlorophenol	2700	120	3999	0	68.0	23	117				
4-Chloro-3-methylphenol	2800	120	3999	0	70.4	22	118				
4-Nitrophenol	1700	150	3999	0	41.4	13	116				
Acenaphthene	3000	120	3999	0	75.0	25	125				
Pentachlorophenol	2700	150	3999	0	67.1	16	118				
Phenol	2000	120	3999	0	49.5	17	119				
Pyrene	3500	120	3999	0	87.7	22	128				
Surr: 2,4,6-Tribromophenol	2700		3996		67.5	22	124				
Surr: 2-Fluorobiphenyl	1600		1998		82.5	27	119				
Surr: 2-Fluorophenol	1800		3996		43.9	21	123				
Surr: 4-Terphenyl-d14	1800		1998		91.3	28	126				
Surr: Nitrobenzene-d5	1300		1998		62.7	21	118				
Surr: Phenol-d6	2200		3996		54.1	18	129				

Qualifiers:

E	Value above quantitation range	H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation li
ND	Not Detected at the Reporting Limit	R	RPD outside accepted recovery limits	S	Spike Recovery outside accepted reco
U	Indicates the compound was analyzed for but not detecte				

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau B
625 Broadway, Albany, New York 12233-7016
Phone: (518) 402-9774 • FAX: (518) 402-9773
Website: www.dec.state.ny.us

Alexander B. Grannis
Commissioner

March 26, 2008

Joseph Moinian
Meushar 341h Street, LLC
C/O the Moinian Group
530 Fifth Avenue, Suite 1800
New York, NY 10036

Re: **Brownfield Cleanup Project**
West 34th Street Development Project
City of New York, NYSDEC Region #2
BCP Site # C231049
TBM Muck Backfill Approval

Dear Mr. Moinian,

The New York State Department of Environmental Conservation (NYSDEC) has completed its review of Fleming-Lee Shu's March 25, 2008 submission package requesting the approval of backfill material generated from the East Side Access Project in Queens, NY. Referred to as Tunnel Boring Machine (TBM) Muck, this material is ground bedrock as a result of constructing tunnels near and below the East River. The following have been reviewed:

- March 25, 2008 summary letter from Fleming-Lee Shu to NYSDEC,
- March 18, 2008 Shea Skanska Schiavone submittal including Site Location Map, Project Description and environmental test results of two March 3, 2008 soil sample analyses (full scan VOCs, SVOCs, etc.) of the S3 East Side Access Muck Pile,
- American Analytical Laboratories Environmental test results of four March 10, 2008 soil sample analyses (full scan VOCs, SVOCs, etc.) of the S3II East Side Access Muck Pile,
- York Analytical Laboratories test results of a November 2, 2007 soil sample analysis (full scan VOCs, SVOCs, etc.) of the "TY-Queens St." project or Eastside Access Extension Tunnel.

In addition, the NYSDEC Project Manager, along with representatives from Fleming-Lee Shu and MTA, inspected the TBM Muck stock pile on March 24, 2008.

Based on this site visit and the information provided in the above submission package, this source of backfill material, referred to as TBM Muck, meets the Track 1 requirements for backfill material. Also, the described procedure for managing and accounting for the importation of this backfill material meets the criteria of the approved West 34th Street BCP Soil Management Plan including:

- a bill-of-lading tracking system to document the source of the imported backfill,
- required screening, visually and by PID, of all imported backfill as it arrives at the site.

NYSDEC approves the importation of up to 6,000 cubic yards of this "TBM Muck" to the West 34th Street BCP Site. If more backfill is required, additional soil sampling analysis must be approved by NYSDEC as per the Soil Management Plan. If you have any questions or comments please contact me at (518) 402-9774.

Sincerely,

P.E.

John Durnin, P. E.,
Remedial Bureau B, Section B,
Division of Environmental Remediation

ecc: J. Quinn, RBB
Arnold Fleming, Fleming-Lee Shu
Matthew Carroll, Fleming-Lee Shu
J. Sebbo, Fleming-Lee Shu
B. Callaghan, NYSDOH
D. Walsh, NYSDEC Region #2

Fleming
Lee Shue

Environmental Management & Consulting

June 6, 2008

Mr. John E. Durnin
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway, 12th Floor
Albany, NY 12233-7016

Re: East Side Access – Imported Fill
West 34th Street Development
555 West 34th Street – New York, New York
BCP Site #C231049

Dear Mr. Durnin:

Fleming-Lee Shue, Inc. (FLS), on behalf of Meushar 34th Street, LLC, the Volunteer with respect to the above-referenced Brownfield Cleanup Program (BCP) site, is conducting oversight of the importation of backfill material to the site by S3II, the contractor for the Metropolitan Transit Authority (MTA) during the construction of the shaft for the No. 7 subway line extension. All backfill material has been imported in accordance with the June 2007 Soil Management Plan (SoMP). In addition, information requested in discussions and correspondence between FLS and the New York State Department of Environmental Conservation (NYSDEC) has also been provided. All backfill material imported to the site is consistent with a Track 1 BCP remediation.

As of April 7, 2008, the contractor has imported approximately 51,160 metric tons of material to the site. The fill consists of four (4) types of material: material generated by the East Side Access (ESA) project; raw sand; crushed stone; and ¾ inch gravel. Materials were brought to the site under a bill-of-lading tracking system. A copy of all tickets will be provided in the Final Engineering Report. Backfill placement on-site was approved by a representative of the Remedial Engineer.

The SoMP requires DEC approval for use of any non-virgin materials as backfill. Accordingly, information and analytical data for the ESA material was provided in a previous letter to the NYSDEC on March 25, 2008. All results for the material met the Unrestricted Use Soil Cleanup Objectives (UUSCOs) [NYCRR Title 6, Part 375-6.8(a)]. DEC approved this material by letter dated March 26, 2008. Approximately 7,150 metric tons of ESA material was imported to the site.

Virgin materials were also imported from several sites, for which the SoMP requires certification from the source that the soil is from a source not known to have been contaminated or have received hazardous materials, petroleum or other hydrocarbon-derived, toxic, or radioactive materials. On a February 21, 2008 phone call with Bob Cozzy, NYSDEC confirmed that such materials could be imported without prior approval from the Department if appropriate certifications were obtained.

Raw sand imported to the site was generated by Amboy Aggregates of South Amboy, New Jersey. The sand was dredged from the Ambrose Channel in Lower New York Bay under U.S. Army Corps of Engineers and New Jersey Department of Environmental Protection (NJDEP) permits #2001-00492 and #84-0745, respectively. Material was delivered either directly from Amboy Aggregates or from New York Sand & Stone, LLC of Brooklyn, New York. Both generators certified the material in accordance with the SoMP and analytical results met the UUSCOs. Information concerning this material was previously provided to DEC and can be found in Appendix 1. Approximately 7,700 metric tons of raw sand were imported to the site.

Crushed stone imported to the site was generated by two facilities: Aggregate Manufacture and Export in Bayside, New Brunswick, Canada and Tilcon New York Inc.'s (Tilcon) Haverstraw Quarry in Haverstraw, New York. Material was delivered to the site by New York Sand & Stone, LLC. In some cases, the crushed stone was mixed with the raw sand detailed above to create "item 4 sub-base," which compacts better than straight crushed stone or raw sand. Both generators certified the material in accordance with the SoMP. Information concerning this material was previously provided to DEC and can be found in Appendices 2 and 3. Approximately 35,870 metric tons of crushed stone were imported to the site.

Finally, gravel measuring ¾ inch, imported to the site by Ferraro Brothers of College Point, New York, was generated by Tilcon New York Inc's. Haverstraw Quarry in Haverstraw, New York. The certification for this material is the same as the crushed stone from the Tilcon Haverstraw Quarry that is included in Appendix 3. A total of approximately 440 metric tons of gravel were imported to the site.

All materials imported to the site were visually inspected and screened for volatile organic compounds (VOCs) with a photoionization detector (PID) by a representative of the Remedial Engineer. No evidence of contamination above the UUSCOs was detected in the materials imported to the site during backfilling activities by either visual or PID screening.

Based on the information above, FLS requests that NYSDEC accept in writing that all backfill material has met the requirements of the SoMP and is consistent with a Track 1 BCP Remediation.

Feel free to contact us if you need any additional information.

Sincerely,
Fleming-Lee Shue, Inc.

Matthew Carroll
Environmental Engineer

Appendix 1

Amboy Aggregates of South Amboy, NJ

AMBOY AGGREGATES

Quality Sand Products

March 25, 2008

SHEA/SKANSKA/SCHIAVONE
No. 7 line subway extension
525 W29Th St. 2nd Floor
New York, NY 10001

RE: No. 7 Line- Item Raw Sand Amboy Aggregates

To Peter Conry:

Please be advised that the sand being sold for the above referenced project is **virgin** material. It originates from the Ambrose Channel in Lower New York Bay under Federal and NJDEP permits, # 2001-00492 and # 84-0745 respectively. It is stored at our facility at Block 161, Lot 25, 175 Main Street, City of South Amboy, County of Middlesex, State of New Jersey. The nearest cross street is Augusta Street.

This material is tested semi-annually by an independent testing laboratory and has been found to be free from contaminants. There have been no material alterations since the most recent testing dates.

If you need any additional information please contact me at (732) 525-0620.

Sincerely,

Robert Manis
Sales Manager

P.O. Box 3220 · 175 Main Street · South Amboy, NJ 08879-3220 · 732-525-0620 · Fax 732-525-0398

New York State Department of Environmental Conservation
Division of Solid and Hazardous Materials
Bureau of Solid Waste, Reduction and Recycling, 9th Floor
625 Broadway, Albany, New York 12233-7253
Phone: (518) 402-8704 • FAX: (518) 402-9024
Website: www.dec.state.ny.us

Denise M. Sheehan
Acting
Commissioner

June 6, 2005

Mr. Nicolas Mann
Quay Consulting, LLC
PO Box 812
Nyack, NY 10960

Dear Mr. Mann:

RE: NY Sand & Stone, LLC
BUD No. 846-2-24

The New York State Department of Environmental Conservation (NYSDEC) has reviewed your petition dated May 5, 2005 for a beneficial use determination (BUD) for sand dredged by Amboy Aggregates, Inc., of South Amboy, New Jersey, from the Ambrose Channel, as unrestricted-use aggregate in New York State.

The May 5 petition states the following:

- Sand dredging ("mining") from the Ambrose Channel is conducted in accordance with a US Army Corps of Engineers permit, No. 2001-00492 and a NJ Department of Environmental Protection permit, both held by Amboy Aggregates.

- The sand is distributed in New York by New York Sand & Stone, LLC, of Brooklyn, NY. Sand delivered to New York meets geotechnical criteria for sand aggregate.

- The dredged sand is sampled and analyzed twice per year by Amboy Aggregates, for total metals, pesticides, PCBs, chloride, cyanide, volatile and semi-volatile organic compounds. NY Sand & Stone, in addition, samples and analyzes the sand twice per year for parameters listed in NYSDEC's DER TAGM 4046. The petition provided the most recent results for two samples from Amboy and NY Sand & Stone. No results were found of concern for the proposed use of sand as commercial fill or aggregate.

Based on the above ongoing sampling programs and continued compliance with valid USCOE and NJDEP dredging permits, Amboy Aggregates' dredged sand is not a solid waste when placed in commerce for distribution in New York State as a substitute for mined sand aggregate and fill. Chemical characteristics of the product (including chloride) must not vary significantly from results reported in the petition. Because the sand originates from marine waters, use must be avoided where elevated chloride or other saline elements could result in phytotoxicity or water quality impacts.

This BUD No. 846-2-24 is granted to New York Sand & Stone, LLC, 63 Flushing Avenue, Unit No.311, Brooklyn, NY 11205 (a joint venture of Amboy Aggregates, Inc., and New York Sand Co.). By March 1 of each year, NY Sand & Stone, or its agent, must provide a report to NYSDEC of the quantity of material used in the previous calendar year under this BUD. This report and any other correspondence should be sent to my attention at the above address.

Please contact Kathleen Prather, of my staff, at (518) 402-8678 if you have any questions regarding this BUD.

Sincerely,

Thomas J. Lynch, P.E.
Chief, Beneficial Use and Special Projects Section

cc: K. Brezner, NYSDEC Region 2
J. DeRosa, NY Sand & Stone

S & S ENVIRONMENTAL SCIENCES, INC.

Environmental Engineering, Testing And Consultation

98 Sand Park Rd., Cedar Grove, NJ 07009
(973) 857-7188 Fax (973) 239-8380

Kamil Sor, Ph.D.
Yilmaz Arhan, Ph.D.
Orhun Sor, P.E.
Peter G. Micklus, P.E.
Kenneth J. Rowbotham, P.E.

Client	Amboy Aggregates				
Project	South Amboy, New Jersey				
Subject	Laboratory Analysis of Raw Sediment Sample				
Job No.	96E002	**Report Number:**	07-E-252	**Date:**	08/06/2007

We present herewith the laboratory test results of one (1) Raw Sediment Sample collected by a representative of our firm on July 13, 2007. The analyses were performed in accordance with the USEPA and NJDEP approved methods, by IAL Laboratories, LLC. (NJDEP Laboratory No.14751), for the following parameters:

- Metals (both Total Basis and TCLP)
- Pesticides and PCBs
- Chloride
- Cyanide
- Iron
- Volatile Organic Compounds
- Semi-Volatile Organic Compounds (Base/Neutral Extractable Organic Compounds and Acid Extractable Organic Compounds)

The test results are summarized in Table 1. The method detection limits for all of the pollutants tested are presented in the attached IAL report. A copy of the sample Chain-of-Custody form is also attached for your records.

Based on the test results, the pollutants analyzed for were either Not Detected (concentrations below the Method Detection Limit) or the concentrations detected were below the applicable NJDEP Soil Cleanup Criteria (Residential, Direct Contact; Unrestricted Use (copy attached)). The TCLP leachate metal concentrations were also below the U.S. EPA and NJDEP hazardous waste criteria.

If you have any questions, please do not hesitate to call.

Very truly yours,
S & S ENVIRONMENTAL SCIENCES, INC.

Yilmaz Arhan, Ph.D.
Vice President

YA/pk
Attachments
cc: (1) Client: Attn: Mr. Richard Rosamilia

Amboy Aggregates T/A
South Amboy, New Jersey

SSES Sample ID: 07-158
Sampling Date: 07/13/2007

Job No.: 96E002
Matrix: Sand

TABLE 1
SUMMARY OF ANALYTICAL RESULTS

ANALYTICAL PARAMETERS	SAMPLE RESULT	
1. Metals	TCLP LEACHATE (mg/l)	TOTAL BASIS (mg/Kg)
Antimony	< 0.200	< 1.04
Arsenic	< 0.200	2.22
Barium	< 2.000	<10.4
Beryllium	< 0.100	< 0.520
Cadmium	< 0.050	< 0.260
Chromium (Total)	< 0.400	6.67
Copper	< 0.400	< 2.08
Lead	< 0.100	1.50
Mercury	< 0.0005	<0.013
Nickel	< 0.200	2.57
Selenium	< 0.400	< 2.08
Silver	< 0.100	< 0.520
Thallium	< 0.020	< 0.104
Zinc	< 0.400	7.60
2. Chloride, Soluble (mg/kg)	901	
3. Cyanide (mg/kg)	< 1.04	
4. Iron (mg/kg)	5490	
5. Volatile Organics (ppb):		
Targeted Compounds	Not Detected	
Non-Targeted Compounds	Not Detected	
6. Semi-Volatile Organics (mg/kg):		
Targeted Compounds	Not Detected	
Non-Targeted Compounds	Not Detected	
7. Pesticides (mg/kg)	Not Detected	
8. PCBs (mg/kg)	Not Detected	

< - Denotes "less than" (the value reported is the Method Detection Limit)
Please see the attached laboratory report from IAL for the method detection limits of the pollutants tested for.

AMERICAN ANALYTICAL LABORATORIES

NYSDOH 11418
NJDEP NY050
CTDOH PH-0205
PADEP 68-00573

Wednesday, October 10, 2007 (PM)

Tom Dooley
New York Sand & Stone, LLC
63 Flushing Avenue
Unit 311
Brooklyn, NY 11205

TEL: (718) 596-2897
FAX (718) 624-3363

RE: 75 25th St, Brooklyn, NY

Order No.: 0710029

Dear Tom Dooley:

American Analytical Laboratories, LLC. received 1 sample(s) on 10/3/2007 for the analyses presented in the following report.

Samples were analyzed in accordance with the test procedures documented on the chain of custody and detailed throughout the text of this report.

The limits provided in the data package are analytical reporting limits and not Federal or Local mandated values to which the sample results should be compared.

There were no problems with the analyses and all data for associated QC met laboratory specifications. If there are any exceptions a Case Narrative is provided in the report.

If you have any questions regarding these tests results, please do not hesitate to call (631) 454-6100 or email me directly at lbeyer@american-analytical.com.

Sincerely,

Lori Beyer
Lab Director

American Analytical Laboratories, LLC.

Date: *10-Oct-07*

CLIENT: New York Sand & Stone, LLC
Project: 75 25th St, Brooklyn, NY
Lab Order: 0710029

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Date Collected	Date Received
0710029-01A	Amboy Sand		10/3/2007 10:00:00 AM	10/3/2007

AMERICAN ANALYTICAL LABORATORIES

56 TOLEDO STREET • FARMINGDALE, NEW YORK 11735
(631) 454-6100 • FAX (631) 454-8027

TAG # / COC ______

NYSDOH 11418
CTDOH PH-0205
NJDEP NY050
PADEP 68-573

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

CLIENT NAME/ADDRESS: NEW YORK SAND & STONE, LLC
63 FLUSHING AVE., UNIT #311
BROOKLYN, NY 11205

CONTACT: TOM DOOLEY

SAMPLER (SIGNATURE):

SAMPLER NAME (PRINT):

SAMPLE(S) SEALED: YES / NO (YES circled)

CORRECT CONTAINER(S): YES / NO (YES circled)

PROJECT LOCATION: 75 25th ST., BROOKLYN, NY

ANALYSIS REQUIRED: TAGM 4046; CHLORIDE

LABORATORY ID #	MATRIX	# CONTAINERS	SAMPLING DATE/TIME	SAMPLE # - LOCATION	TAGM 4046	CHLORIDE	FOR METHANOL PRESERVED SAMPLES [VOLATILE VIAL #]
AMBOY SAND	S	1	10/3/07 10:00AM	Amboy Sand			0710029-01A

COOLER TEMPERATURE:

MATRIX S=SOIL; L=LIQUID; SL=SLUDGE; A-AIR; W=WIPE; P=PAINT CHIPS; B=BULK MATERIAL
TYPE G=GRAB; C=COMPOSITE, SS=SPLIT SPOON

TURNAROUND REQUIRED: NORMAL ☐ STAT ☐ BY / /

COMMENTS / INSTRUCTIONS

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY LAB (SIGNATURE)	DATE / TIME	PRINTED NAME
Tom Dooley	10/3/07 11:35	TOM DOOLEY	Karen Kelly	10/3/07 11:37	K Kelly
	DATE TIME			DATE TIME	

WHITE-OFFICE / CANARY-LAB / PINK-SAMPLE CUSTODIAN / GOLDENROD-CLIENT

AMERICAN ANALYTICAL LABORATORIES, LLC
56 TOLEDO STREET
FARMINGDALE, NEW YORK 11735
TELEPHONE: (631) 454-6100 FAX: (631) 454-8027

DATA REPORTING QUALIFIERS

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
J	Indicates an estimated value. The flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3ug/L was calculated report as 3J. This flag is used when similar situations arise on any organic parameter i.e. Pesticide, PCBs and others.
B	Indicates the analyte was found in the blank as well as the sample report "10B".
E	Indicates the analytes concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide / PCB target analyte when there is >25% difference for detected concentrations between the two GC Columns. The higher of the two values is reported on Form I and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
H	Indicates sample was received and/or analyzed outside of The method allowable holding time

American Analytical Laboratories, LLC.

Date: *10-Oct-07*

CLIENT:	New York Sand & Stone, LLC	Client Sample ID:	Amboy Sand
Lab Order:	0710029	Tag Number:	
Project:	75 25th St, Brooklyn, NY	Collection Date:	10/3/2007 10:00:00 AM
Lab ID:	0710029-01A	Matrix:	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
MERCURY		SW7471B		SW7471B		Analyst: AH
Mercury	0.00436	0.00872	J	mg/Kg-dry	1	10/4/2007 11:35:46 AM
HERBICIDES SW-846 8151		SW8151A		SW8151		Analyst: AR
2,4,5-T	U	100		µg/Kg-dry	1	10/9/2007 12:11:00 PM
2,4,5-TP (Silvex)	U	100		µg/Kg-dry	1	10/9/2007 12:11:00 PM
2,4-D	U	100		µg/Kg-dry	1	10/9/2007 12:11:00 PM
Surr: 2,4-DCAA	61.7	15-132		%REC	1	10/9/2007 12:11:00 PM
PCB'S AS AROCLORS SW-846 METHOD 8082		SW8082A		SW3550		Analyst: KF
Aroclor 1242	U	81		µg/Kg-dry	1	10/4/2007 6:16:00 PM
Aroclor 1254	U	81		µg/Kg-dry	1	10/4/2007 6:16:00 PM
Aroclor 1221	U	81		µg/Kg-dry	1	10/4/2007 6:16:00 PM
Aroclor 1232	U	81		µg/Kg-dry	1	10/4/2007 6:16:00 PM
Aroclor 1248	U	81		µg/Kg-dry	1	10/4/2007 6:16:00 PM
Aroclor 1260	U	81		µg/Kg-dry	1	10/4/2007 6:16:00 PM
Aroclor 1016	U	81		µg/Kg-dry	1	10/4/2007 6:16:00 PM
Surr: TCX	68.9	26-136		%REC	1	10/4/2007 6:16:00 PM
Surr: DCB	90.8	21-133		%REC	1	10/4/2007 6:16:00 PM
PESTICIDES SW-846 METHOD 8081		SW8081B		SW3550		Analyst: MMR
4,4'-DDD	U	5.1		µg/Kg-dry	1	10/5/2007 3:50:00 AM
4,4'-DDE	U	5.1		µg/Kg-dry	1	10/5/2007 3:50:00 AM
4,4'-DDT	U	5.1		µg/Kg-dry	1	10/5/2007 3:50:00 AM
Aldrin	U	5.1		µg/Kg-dry	1	10/5/2007 3:50:00 AM
alpha-BHC	U	5.1		µg/Kg-dry	1	10/5/2007 3:50:00 AM
beta-BHC	U	5.1		µg/Kg-dry	1	10/5/2007 3:50:00 AM
Chlordane	U	15		µg/Kg-dry	1	10/5/2007 3:50:00 AM
delta-BHC	1.6	5.1	J	µg/Kg-dry	1	10/5/2007 3:50:00 AM
Dieldrin	U	5.1		µg/Kg-dry	1	10/5/2007 3:50:00 AM
Endosulfan I	U	5.1		µg/Kg-dry	1	10/5/2007 3:50:00 AM
Endosulfan II	U	5.1		µg/Kg-dry	1	10/5/2007 3:50:00 AM
Endosulfan sulfate	U	5.1		µg/Kg-dry	1	10/5/2007 3:50:00 AM
Endrin	U	5.1		µg/Kg-dry	1	10/5/2007 3:50:00 AM
Endrin ketone	U	5.1		µg/Kg-dry	1	10/5/2007 3:50:00 AM
gamma-BHC	U	5.1		µg/Kg-dry	1	10/5/2007 3:50:00 AM
Heptachlor	U	5.1		µg/Kg-dry	1	10/5/2007 3:50:00 AM
Heptachlor epoxide	U	5.1		µg/Kg-dry	1	10/5/2007 3:50:00 AM
Methoxychlor	U	5.1		µg/Kg-dry	1	10/5/2007 3:50:00 AM
Surr: DCB	87.4	31-133		%REC	1	10/5/2007 3:50:00 AM
Surr: TCX	68.4	32-132		%REC	1	10/5/2007 3:50:00 AM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *10-Oct-07*

CLIENT:	New York Sand & Stone, LLC	Client Sample ID:	Amboy Sand
Lab Order:	0710029	Tag Number:	
Project:	75 25th St, Brooklyn, NY	Collection Date:	10/3/2007 10:00:00 AM
Lab ID:	0710029-01A	Matrix:	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
PERCENT MOISTURE		D2216				Analyst: GE
Percent Moisture	3.66	0		wt%	1	10/5/2007
TAGM METALS		SW6010B		SW3050A		Analyst: JP
Aluminum	977	0.398		mg/Kg-dry	1	10/4/2007 12:07:55 PM
Antimony	U	0.497		mg/Kg-dry	1	10/4/2007 12:07:55 PM
Arsenic	1.89	0.497		mg/Kg-dry	1	10/4/2007 12:07:55 PM
Barium	2.78	0.398		mg/Kg-dry	1	10/4/2007 12:07:55 PM
Beryllium	U	0.398		mg/Kg-dry	1	10/4/2007 12:07:55 PM
Cadmium	U	0.298		mg/Kg-dry	1	10/4/2007 12:07:55 PM
Calcium	1900	0.497		mg/Kg-dry	1	10/4/2007 12:07:55 PM
Chromium	6.10	0.398		mg/Kg-dry	1	10/4/2007 12:07:55 PM
Cobalt	U	0.398		mg/Kg-dry	1	10/4/2007 12:07:55 PM
Copper	1.29	0.398		mg/Kg-dry	1	10/4/2007 12:07:55 PM
Iron	3350	0.398		mg/Kg-dry	1	10/4/2007 12:07:55 PM
Lead	1.53	0.298		mg/Kg-dry	1	10/4/2007 12:07:55 PM
Magnesium	585	0.398		mg/Kg-dry	1	10/4/2007 12:07:55 PM
Manganese	34.6	0.398		mg/Kg-dry	1	10/4/2007 12:07:55 PM
Nickel	2.76	0.398		mg/Kg-dry	1	10/4/2007 12:07:55 PM
Potassium	570	0.497		mg/Kg-dry	1	10/4/2007 12:07:55 PM
Selenium	U	0.497		mg/Kg-dry	1	10/4/2007 12:07:55 PM
Silver	U	0.398		mg/Kg-dry	1	10/4/2007 12:07:55 PM
Sodium	251	0.497		mg/Kg-dry	1	10/4/2007 12:07:55 PM
Thallium	U	0.497		mg/Kg-dry	1	10/4/2007 12:07:55 PM
Vanadium	6.24	0.398		mg/Kg-dry	1	10/4/2007 12:07:55 PM
Zinc	8.69	0.398		mg/Kg-dry	1	10/4/2007 12:07:55 PM
SEMIVOLATILE SW-846 8270		SW8270D		SW3550A		Analyst: RN
2,4,5-Trichlorophenol	U	120		µg/Kg-dry	1	10/4/2007 6:37:00 PM
2,4-Dichlorophenol	U	120		µg/Kg-dry	1	10/4/2007 6:37:00 PM
2,4-Dinitrophenol	U	120		µg/Kg-dry	1	10/4/2007 6:37:00 PM
2,6-Dinitrotoluene	U	120		µg/Kg-dry	1	10/4/2007 6:37:00 PM
2-Chlorophenol	U	120		µg/Kg-dry	1	10/4/2007 6:37:00 PM
2-Methylnaphthalene	U	120		µg/Kg-dry	1	10/4/2007 6:37:00 PM
2-Methylphenol	U	120		µg/Kg-dry	1	10/4/2007 6:37:00 PM
2-Nitroaniline	U	120		µg/Kg-dry	1	10/4/2007 6:37:00 PM
2-Nitrophenol	U	120		µg/Kg-dry	1	10/4/2007 6:37:00 PM
3,3'-Dichlorobenzidine	U	120		µg/Kg-dry	1	10/4/2007 6:37:00 PM
3+4-Methylphenol	U	120		µg/Kg-dry	1	10/4/2007 6:37:00 PM
3-Nitroaniline	U	120		µg/Kg-dry	1	10/4/2007 6:37:00 PM
4-Chloro-3-methylphenol	U	120		µg/Kg-dry	1	10/4/2007 6:37:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *10-Oct-07*

CLIENT:	New York Sand & Stone, LLC	Client Sample ID:	Amboy Sand
Lab Order:	0710029	Tag Number:	
Project:	75 25th St, Brooklyn, NY	Collection Date:	10/3/2007 10:00:00 AM
Lab ID:	0710029-01A	Matrix:	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
SEMIVOLATILE SW-846 8270		SW8270D		SW3550A		Analyst: RN
4-Chloroaniline	U	120		µg/Kg-dry	1	10/4/2007 6:37:00 PM
4-Nitrophenol	U	160		µg/Kg-dry	1	10/4/2007 6:37:00 PM
Acenaphthene	U	120		µg/Kg-dry	1	10/4/2007 6:37:00 PM
Acenaphthylene	U	120		µg/Kg-dry	1	10/4/2007 6:37:00 PM
Aniline	U	120		µg/Kg-dry	1	10/4/2007 6:37:00 PM
Anthracene	U	120		µg/Kg-dry	1	10/4/2007 6:37:00 PM
Benzo(a)anthracene	U	120		µg/Kg-dry	1	10/4/2007 6:37:00 PM
Benzo(a)pyrene	U	120		µg/Kg-dry	1	10/4/2007 6:37:00 PM
Benzo(b)fluoranthene	U	120		µg/Kg-dry	1	10/4/2007 6:37:00 PM
Benzo(g,h,i)perylene	U	120		µg/Kg-dry	1	10/4/2007 6:37:00 PM
Benzo(k)fluoranthene	U	120		µg/Kg-dry	1	10/4/2007 6:37:00 PM
Benzoic acid	U	120		µg/Kg-dry	1	10/4/2007 6:37:00 PM
Bis(2-ethylhexyl)phthalate	U	120		µg/Kg-dry	1	10/4/2007 6:37:00 PM
Butyl benzyl phthalate	U	120		µg/Kg-dry	1	10/4/2007 6:37:00 PM
Chrysene	U	120		µg/Kg-dry	1	10/4/2007 6:37:00 PM
Dibenzo(a,h)anthracene	U	120		µg/Kg-dry	1	10/4/2007 6:37:00 PM
Dibenzofuran	U	120		µg/Kg-dry	1	10/4/2007 6:37:00 PM
Diethyl phthalate	U	120		µg/Kg-dry	1	10/4/2007 6:37:00 PM
Dimethyl phthalate	U	120		µg/Kg-dry	1	10/4/2007 6:37:00 PM
Di-n-butyl phthalate	U	120		µg/Kg-dry	1	10/4/2007 6:37:00 PM
Di-n-octyl phthalate	U	120		µg/Kg-dry	1	10/4/2007 6:37:00 PM
Fluoranthene	130	120		µg/Kg-dry	1	10/4/2007 6:37:00 PM
Fluorene	U	120		µg/Kg-dry	1	10/4/2007 6:37:00 PM
Hexachlorobenzene	U	120		µg/Kg-dry	1	10/4/2007 6:37:00 PM
Indeno(1,2,3-c,d)pyrene	U	120		µg/Kg-dry	1	10/4/2007 6:37:00 PM
Isophorone	U	120		µg/Kg-dry	1	10/4/2007 6:37:00 PM
Naphthalene	U	120		µg/Kg-dry	1	10/4/2007 6:37:00 PM
Nitrobenzene	U	120		µg/Kg-dry	1	10/4/2007 6:37:00 PM
Pentachlorophenol	U	160		µg/Kg-dry	1	10/4/2007 6:37:00 PM
Phenanthrene	110	120	J	µg/Kg-dry	1	10/4/2007 6:37:00 PM
Phenol	U	120		µg/Kg-dry	1	10/4/2007 6:37:00 PM
Pyrene	110	120	J	µg/Kg-dry	1	10/4/2007 6:37:00 PM
Surr: 2,4,6-Tribromophenol	90.1	22-124		%REC	1	10/4/2007 6:37:00 PM
Surr: 2-Fluorobiphenyl	84.4	27-119		%REC	1	10/4/2007 6:37:00 PM
Surr: 2-Fluorophenol	92.7	21-123		%REC	1	10/4/2007 6:37:00 PM
Surr: 4-Terphenyl-d14	86.8	28-126		%REC	1	10/4/2007 6:37:00 PM
Surr: Nitrobenzene-d5	84.0	21-118		%REC	1	10/4/2007 6:37:00 PM
Surr: Phenol-d6	92.9	18-129		%REC	1	10/4/2007 6:37:00 PM
VOLATILE SW-846 METHOD 8260		SW8260B				Analyst: LDS

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *10-Oct-07*

CLIENT:	New York Sand & Stone, LLC	Client Sample ID:	Amboy Sand
Lab Order:	0710029	Tag Number:	
Project:	75 25th St, Brooklyn, NY	Collection Date:	10/3/2007 10:00:00 AM
Lab ID:	0710029-01A	Matrix:	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B				Analyst: LDS
1,1,1,2-Tetrachloroethane	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
1,1,1-Trichloroethane	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
1,1,2,2-Tetrachloroethane	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
1,1,2-Trichloroethane	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
1,1-Dichloroethane	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
1,1-Dichloroethene	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
1,1-Dichloropropene	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
1,2,3-Trichlorobenzene	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
1,2,3-Trichloropropane	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
1,2,4,5-Tetramethylbenzene	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
1,2,4-Trichlorobenzene	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
1,2,4-Trimethylbenzene	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
1,2-Dibromo-3-chloropropane	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
1,2-Dibromoethane	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
1,2-Dichlorobenzene	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
1,2-Dichloroethane	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
1,2-Dichloropropane	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
1,3,5-Trimethylbenzene	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
1,3-Dichlorobenzene	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
1,3-dichloropropane	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
1,4-Dichlorobenzene	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
2,2-Dichloropropane	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
2-Butanone	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
2-Chloroethyl vinyl ether	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
2-Chlorotoluene	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
2-Hexanone	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
2-Propanol	U	54		µg/Kg-dry	1	10/3/2007 9:35:00 PM
4-Chlorotoluene	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
4-Isopropyltoluene	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
4-Methyl-2-pentanone	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
Acetone	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
Acrolein	U	27		µg/Kg-dry	1	10/3/2007 9:35:00 PM
Acrylonitrile	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
Benzene	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
Bromobenzene	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
Bromochloromethane	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
Bromodichloromethane	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
Bromoform	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *10-Oct-07*

CLIENT:	New York Sand & Stone, LLC	Client Sample ID:	Amboy Sand
Lab Order:	0710029	Tag Number:	
Project:	75 25th St, Brooklyn, NY	Collection Date:	10/3/2007 10:00:00 AM
Lab ID:	0710029-01A	Matrix:	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B				Analyst: LDS
Bromomethane	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
Carbon disulfide	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
Carbon tetrachloride	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
Chlorobenzene	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
Chlorodifluoromethane	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
Chloroethane	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
Chloroform	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
Chloromethane	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
cis-1,2-Dichloroethene	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
cis-1,3-Dichloropropene	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
Dibromochloromethane	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
Dibromomethane	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
Dichlorodifluoromethane	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
Diisopropyl ether	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
Ethanol	U	27		µg/Kg-dry	1	10/3/2007 9:35:00 PM
Ethyl acetate	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
Ethylbenzene	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
Freon-114	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
Hexachlorobutadiene	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
Isopropyl acetate	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
Isopropylbenzene	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
m,p-Xylene	U	11		µg/Kg-dry	1	10/3/2007 9:35:00 PM
Methyl tert-butyl ether	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
Methylene chloride	34	5.4	B	µg/Kg-dry	1	10/3/2007 9:35:00 PM
n-Amyl acetate	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
Naphthalene	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
n-Butyl acetate	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
n-Butylbenzene	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
n-Propyl acetate	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
n-Propylbenzene	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
o-Xylene	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
p-Diethylbenzene	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
p-Ethyltoluene	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
sec-Butylbenzene	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
Styrene	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
t-Butyl alcohol	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
tert-Butylbenzene	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
Tetrachloroethene	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
Toluene	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

American Analytical Laboratories, LLC.

Date: *10-Oct-07*

CLIENT:	New York Sand & Stone, LLC	Client Sample ID:	Amboy Sand
Lab Order:	0710029	Tag Number:	
Project:	75 25th St, Brooklyn, NY	Collection Date:	10/3/2007 10:00:00 AM
Lab ID:	0710029-01A	Matrix:	SOIL

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE SW-846 METHOD 8260		SW8260B				Analyst: LDS
trans-1,2-Dichloroethene	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
trans-1,3-Dichloropropene	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
Trichloroethene	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
Trichlorofluoromethane	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
Vinyl acetate	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
Vinyl chloride	U	5.4		µg/Kg-dry	1	10/3/2007 9:35:00 PM
Surr: 4-Bromofluorobenzene	91.4	61-133		%REC	1	10/3/2007 9:35:00 PM
Surr: Dibromofluoromethane	103	61-139		%REC	1	10/3/2007 9:35:00 PM
Surr: Toluene-d8	90.4	57-131		%REC	1	10/3/2007 9:35:00 PM
CYANIDE, TOTAL		SW9012A				Analyst: STP
Cyanide, Total & Amenable: Auto Colorimetric	U	0.104		mg/Kg-dry	1	10/9/2007
CHLORIDE		M4500-C1 B				Analyst: PB
Chloride	830	1.04		mg/Kg-dry	1	10/10/2007

Qualifiers:

B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits
U	Indicates the compound was analyzed for but not detecte	X	Value exceeds Maximum Contaminant Level

KEY - TECH

210 Maple Place P.O. Box 48 Keyport, NJ 07735 732-888-8308 FAX 732-888-8307

SIEVE ANALYSIS OF SOIL AND AGGREGATE - ASTM C-117/C-136

CLIENT: AMBOY AGGREGATES

PROJECT: VERIFICATION

MATERIAL DESCRIPTION: Tan Sand - Raw Sand Natural — Report No.: 2

TAKEN BY: AMBOY AGGREGATES — Date Tested: 1-16-08

REPORTED TO: AMBOY AGGREGATES — Date Received: 1-14-08

	ANALYSIS						SPECIFICATIONS
Sample Number							
	Wt. Ret.	Retained	Passing				
% Passing	(g)	(%)	(%)				
" " 4							
" " 1 1/2							
" " 1							
" " 3/4							
" " 1/2	0	0	100				
" " 3/8	1.7	0.2	99.8				
" " 4	10.0	1.0	99.0				
" " 8	18.8	1.8	98.2				
" " 16	23.6	2.3	97.7				
" " 30	97.6	9.3	90.7				
" " 50	496.7	47.5	52.5				
" " 100	858.5	82.1	17.9				
" " 200	1027.1	98.2	1.8				
Fineness Mod.							
Specific Gravity							
Percent Voids							
Color Tests							
Weight per Cu. Ft.							
PAN							

Moisture Content

REMARKS:

Weight before Wash = 1045.5 grams
Weight after Wash = 1031.5 grams
Wash Loss = 14.0 grams

ROBERT MANIS
SALES MANAGER

Attn: Peter Conry
Schiavone Cons. Co., Inc.
From: Bob Manis
Test: 2

Technician: T. Liang

AMBOY AGGREGATES
PLANT LOCATION:
LOWER MAIN STREET
SOUTH AMBOY, NJ

POST OFFICE BOX 3220
SOUTH AMBOY, NJ 08879
(732) 525-0620 OFFICE
(732) 525-9398 FAX
(908) 227-7103 CELL

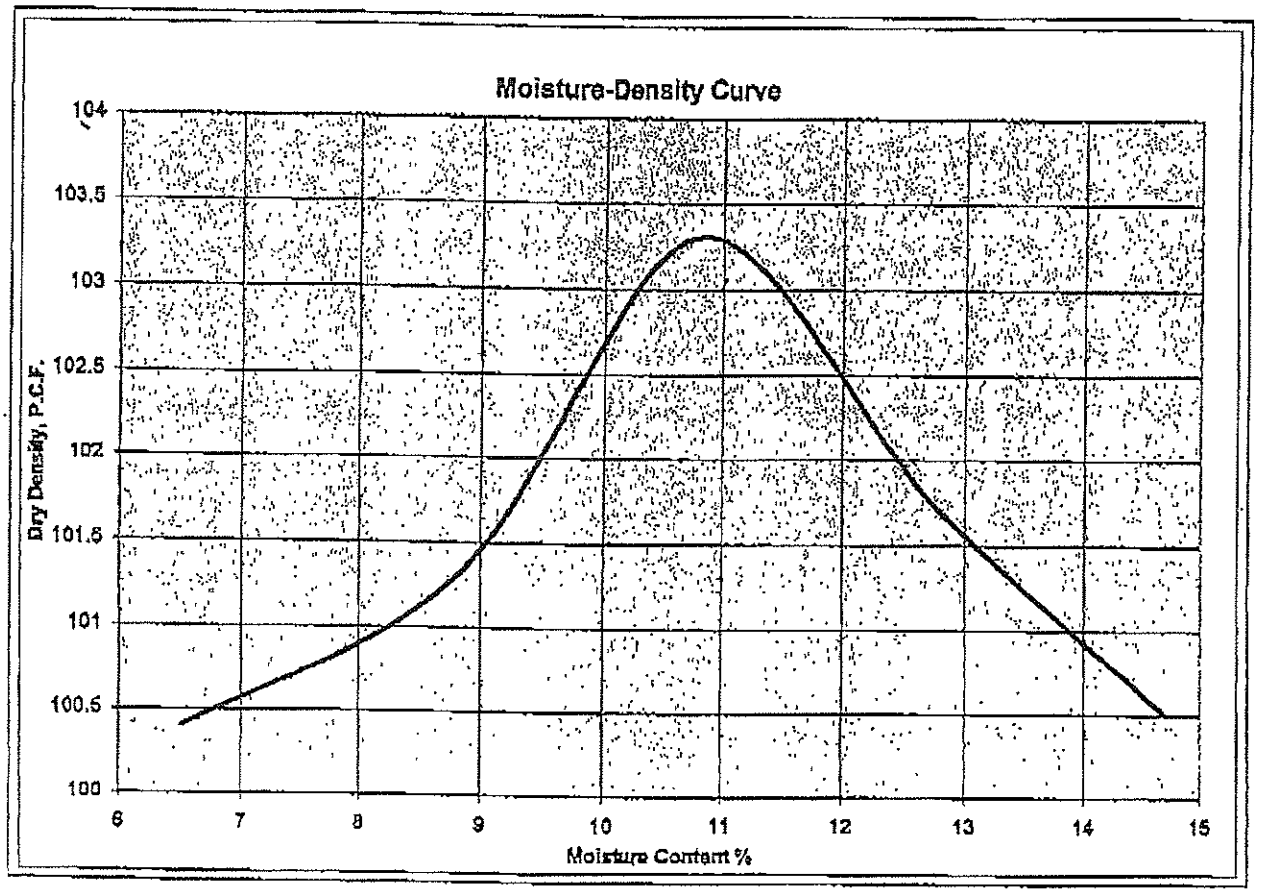
KEY-TECH
210 Maple Pl. Keyport NJ 07735 Tel: (732) 888-8308 Fax: (732) 888-8307

Client: AMBOY AGGREGATES
Project: N/A
Source:
Material Description: Tan Sand (I-12)
Tested By: Frank

Report #8A

Max. Dry Density: 103.3 P.C.F.
Optimum Moisture: 10.8 %
Date Tested: 03/26/07

Test Method: : ASTM D-1557
Use of soil: N/A
Date Received: 03/21/07



Appendix 2

Aggregate Manufacture and Export Bayside, New Brunswick, Canada

ATLANTIC COAST MATERIALS INC.

P.O. Box 981
Antigonish, Nova Scotia, Canada B2G 2S3

PHONE: 1-902-863-8368 FAX: 1-902-863-2051

March 8, 2008

Mr. Peter Conry
S3 II Tunnel Contractors
525 W. 29th Street
New York, NY 10001

Re: W. 34th Street Development Project ,NYC, NY

Dear Mr. Conry:

Our company provides crushed stone products to New York Sand & Stone, LLC at its Brooklyn location that are mined and processed at our quarry located in Bayside, N.B., Canada. The facility is monitored and approved as a source of crushed stone by the NYSDOT. Our source approval is 10-29R.

We can certify that Bayside material we provide is free of contamination as virgin source material not known to have been contaminated by petroleum or other hydrocarbon-derived, toxic or radioactive materials. Beyond that, we do not conduct the level of ongoing testing to know whether all material meets the standards set out in "Table 375-6.8" and thus cannot make that certification. The end user would need to conduct its own testing in order to make such a certification.

If I can be of any further assistance in this matter, please don't hesitate to call.

Sincerely,

Mark Clark

Mark Clark
General Manager

Appendix 3

Tilcon New York Inc. Haverstraw Quarry, Haverstraw, New York

March 12, 2008

To whom it may concern,

Tilcon New York Inc. Haverstraw Quarry is a New York State DOT approved material source. The Source Number is 8-10R. This source is 100% Virgin Basalt (Traprock) that is quarried and processed to finished sizes. To the best of our knowledge it is clean and free from contaminants, prior to shipping.

The following gradation is provided for NYSDOT Item 304 Crushed Stone Subbase. This product would comply with the requirements for all four types of Subbase.

Sieve Size	%Pass	Type 1	Type 2	Type 3	Type 4
4"	100			100	
3"	100	100			
2"	100	90-100	100		100
1"	99				
¾"	91				
½"	69				
¼"	40	30-65	25-60	30-75	30-65
#4	33				
#10	23				
#20	17				
#30	15				
#40	13	5-40	5-40	5-40	5-40
#80	9				
#200	6.5	0-10	0-10	0-10	0-10

This product is 100% Surge Fines from the crushing operation.

Please contact me with any questions regarding this product.

Yours truly,

Robert Patton
Quality Control

SHEA SKANKSA SCHIAVONE TUNNEL CONSTRUCTORS

TRANSMITTAL

No.: S3II-MTA-T-00194

525 West 29th Street, 2nd Floor, New York, NY 10001
TEL.: 212-459-3817 - FAX: 212-459-3827

PROJECT: NYCTA CONTRACT C-26503
NUMBER 7 (FLUSHING) LINE EXTENSION
"A" DIVISION - BOROUGH OF MANHATTAN

DATE: 03/19/08

TO: NYC Transit Authority
2 Broadway 8th Floor
New York, NY 10004

ATTN: Paul Matthews

Spec No.	Para. No.	Dwg. No.	Copies	Description
02315-06			1	Site P Backfill: Tilcon - Item No. 4

WE ARE SENDING:		SUBMITTED FOR:		STATUS / ACTION TAKEN:	
[ ]	Shop drawings	[X]	Approval	[ ]	Approved
[ ]	RFI	[ ]	Your Use	[ ]	Approved as Noted
[ ]	Prints	[ ]	File and Distribution	[ ]	Returned
[ ]	Change Order	[ ]	Reference	[ ]	Return for Correction
[ ]	Plans	[ ]	Review and Comment	[ ]	Resubmit
[ ]	Samples	SENT VIA:		[ ]	Released for Fabrication
[X]	Specifications	[X]	Attached	[ ]	Released for Construction
[ ]	Catalog Cuts	[ ]	Separate Cover Via:	[ ]	Filed and Distributed
[ ]	Other	[ ]	E - Mail	[ ]	Due Date:

REMARKS:

c.c. File, QC

Shea / Skanska / Schiavone

Michelle Rodriguez

Form 2.007
Rev 01 dated 1/18/08

SHEA SKANSKA SCHIAVONE
TUNNEL CONSTRUCTORS

525 West 29th Street, 2nd Floor, Manhattan, N.Y.
TEL.: 212 - 459 - 3817 - FAX: 212 - 459 - 3827

Submittal Form
Specification No.
02315

PROJECT: NYCTA CONTRACT C-26503
NUMBER 7 (FLUSHING) LINE EXTENSION
"A" DIVISION - BOROUGH OF MANHATTAN

DATE: 3/19/08

TO: NYC Transit Authority
2 Broadway 8th Floor
Manhattan, N.Y. 10004

ATTN: Paul Matthews

Description: Site P Backfill: Tilcon – Item No. 4

Para. No.	Submittal No.	Transmittal Date	S3II Doc. No.	Status	Initial	Initialed By	Dated	MTA Doc. No.
	02315-06	3/19/08	S3II-NTA-T-00194					

Status: 1 = Approved as submitted
2N = Approved as noted, re-submission NOT required, work may proceed subject to the changes indicated
2R = Approved as noted, re-submission IS required, work may proceed except where specifically indicated otherwise
3 = Revise & Resubmit

Cc: CChristensen, JRosteck, JMarquardt, SHoffman, BJepsen, SOginski, MRyan, PConry, BEmmert

SHEA SKANSKA SCHIAVONE
A JOINT VENTURE
TUNNEL CONSTRUCTORS

525 W 29th Street
2nd Floor
New York, NY 10001
212-459-3817
Fax: 212-459-3827

March 19, 2008

Reference: No. 7 Line Extension
Contract No. C-26503

Subject: Site P Backfill: Tilcon – Item No. 4

The purpose of this submittal is to provide the information required by NYS-DEC regarding backfill materials to be used at Site P.

S3-II Tunnel Constructors proposes using Tilcon's Item 4 backfill for Site P. Item 4 is virgin material. The material will be provided by Tilcon New York, Inc. out of their Haverstraw quarry. The address of the quarry is 66 Scratchup Road, Haverstraw, NY 10927. Site P is currently being backfilled with Item 4 as provided by NY Sand & Stone. The material being proposed in this submittal is similar to NY Sand & Stone's material, which has already been approved.

See attached for:

- Environmental test results conducted by EMSL Analytical Inc.
  - Refer to Sample ID No. **08-0102 B** when reviewing this report for material being proposed by S3-II Tunnel Constructors
- Mineral Lab Report conducted by Advance Testing
  - Refer to Sample ID No. **07-1057** when reviewing this report for material being proposed by S3-II Tunnel Constructors

This submittal provides all of the information requested by MTA Capital Construction and Fleming-Lee Shue, Inc. Should you have any questions please contact Peter Conry at (212) 459-3817.

As per specification 02315 paragraph 1.05 B. 1 and 2 tests results are required showing gradation, maximum dry density, liquid limit, and plastic limit. These test results will be submitted under separate cover.

ENVIRONMENTAL TEST RESULTS
EMSL ANALYTICAL

EMSL Analytical

http://www.emsl.com

3 Cooper St.
Westmont, NJ 08108
Phone: (856) 858-4800
Fax: 8568584571

Attn: **Robert Patton**
Advance Testing Company, Inc.
3348 Route 208
Campbell Hall, NY 10916

3/11/2008

Phone (845) 496-1600
Fax: (845) 496-1398

The following report covers the analysis performed on samples submitted to EMSL Analytical on 2/13/2008. The results are tabulated on the attached data pages for the following client designated project:

Project ID: Tilcon New York QCP

The reference number for these samples is EMSL Order #010800675. Please use this reference when calling about these samples.

If you have any questions, please do not hesitate to contact me at (856) 858-4800.

Reviewed and Approved By:

Laboratory Director or other
approved signatory
NJ-NELAP Accredited:04653

The test results contained within this report meet the requirements of NELAC and/or the specific certification program that is applicable, unless otherwise noted.

EMSL Analytical
3 Cooper St., Westmont, NJ 08108
Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com

Attn: Robert Patton
Advance Testing Company, Inc.
3348 Route 208
Campbell Hall, NY 10916
Fax: (845) 496-1398 Phone: (845) 496-1600

Customer ID: ADVA52
Customer PO:
Received: 02/13/08 11:32 AM
EMSL Order: 010800675
EMSL Proj: Tilcon New York QCP
Report Date: 3/11/2008

Client Sample Description 08-0102 A
West Nyack Quarry, "Gravel Layer"
Collected: 2/11/2008 *Lab ID:* 0001

Method	*Parameter*	*Concentration*	*Units*	*RL*	*Analysis Date*	*Analyst*
6010B	Aluminum	6800	mg/Kg	9.6	2/29/2008	dhemsley
6010B	Antimony	<1.9	mg/Kg	1.9	2/28/2008	dhemsley
6010B	Arsenic	6.4	mg/Kg	0.77	2/28/2008	dhemsley
6010B	Barium	<9.6	mg/Kg	9.6	2/28/2008	dhemsley
6010B	Beryllium	<0.38	mg/Kg	0.38	2/28/2008	dhemsley
6010B	Cadmium	0.58	mg/Kg	0.38	2/28/2008	dhemsley
6010B	Calcium	2600	mg/Kg	96	2/28/2008	dhemsley
6010B	Chromium	<0.96	mg/Kg	0.96	2/28/2008	dhemsley
6010B	Cobalt	9.8	mg/Kg	0.96	2/28/2008	dhemsley
6010B	Copper	180	mg/Kg	1.9	2/28/2008	dhemsley
6010B	Iron	37000	mg/Kg	96	3/5/2008	dhemsley
6010B	Lead	4.3	mg/Kg	0.96	2/29/2008	dhemsley
6010B	Magnesium	2800	mg/Kg	96	2/28/2008	dhemsley
6010B	Manganese	140	mg/Kg	1.4	2/28/2008	dhemsley
6010B	Nickel	3.9	mg/Kg	1.9	2/28/2008	dhemsley
6010B	Potassium	1000	mg/Kg	96	3/5/2008	dhemsley
6010B	Selenium	<1.9	mg/Kg	1.9	2/28/2008	dhemsley
6010B	Silver	<0.96	mg/Kg	0.96	2/28/2008	dhemsley
6010B	Sodium	550	mg/Kg	96	2/28/2008	dhemsley
6010B	Thallium	<0.96	mg/Kg	0.96	2/28/2008	dhemsley
6010B	Vanadium	54	mg/Kg	0.96	2/28/2008	dhemsley
6010B	Zinc	15	mg/Kg	1.9	2/28/2008	dhemsley
TCLP 1311/6010B	Arsenic	<0.080	mg/L	0.080	2/20/2008	dhemsley
TCLP 1311/6010B	Barium	<1.0	mg/L	1.0	2/20/2008	dhemsley
TCLP 1311/6010B	Cadmium	<0.040	mg/L	0.040	2/20/2008	dhemsley
TCLP 1311/6010B	Chromium	<0.10	mg/L	0.10	2/20/2008	dhemsley
TCLP 1311/6010B	Lead	<0.10	mg/L	0.10	2/20/2008	dhemsley
TCLP 1311/6010B	Selenium	<0.20	mg/L	0.20	2/20/2008	dhemsley
TCLP 1311/6010B	Silver	<0.10	mg/L	0.10	2/20/2008	dhemsley
TCLP 1311/7470A	Mercury	<0.0020	mg/L	0.0020	2/18/2008	dhemsley
7471A	Mercury	<0.020	mg/Kg	0.020	2/27/2008	dhemsley

EMSL Analytical
3 Cooper St., Westmont, NJ 08108
Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com

Attn: Robert Patton
Advance Testing Company, Inc.
3348 Route 208
Campbell Hall, NY 10916
Fax: (845) 496-1398 Phone: (845) 496-1600

Customer ID: ADVA52
Customer PO:
Received: 02/13/08 11:32 AM
EMSL Order: 010800675
EMSL Proj: Tilcon New York QCP
Report Date: 3/11/2008

Client Sample Description 08-0102 A
West Nyack Quarry, "Gravel Layer"
Collected: 2/11/2008 *Lab ID:* 0001

Method	*Parameter*	*Concentration*	*Units*	*RL*	*Analysis Date*	*Analyst*
8081-Pesticides	See Attached			N/A	2/28/2008	ehernandez
TCLP 1311/8081-Pesticides	See Attached			N/A	2/19/2008	tlindsay
8082-PCBs	See Attached			N/A	2/28/2008	ehernandez
TCLP 1311/8151A-Herbicides	See Attached			N/A	2/20/2008	tlindsay
TCLP 1311/8260B-Volatiles	See Attached			N/A	2/19/2008	afalasca
8260B-Volatiles	See Attached			N/A	2/25/2008	afalasca
8270C-Semivolatiles	See Attached			N/A	2/26/2008	eayres
TCLP 1311/8270C-Semivolatiles	See Attached			N/A	2/19/2008	wfink
9014	Total Cyanide	<0.50	mg/Kg	0.50	2/26/2008	rcybicki
Subcontract-Integrated Analytical Laboratories	See Attached			N/A		

Client Sample Description 08-0102 B
Haverstraw Quarry, "Backfill Material"
Collected: 2/11/2008 *Lab ID:* 0002

Method	*Parameter*	*Concentration*	*Units*	*RL*	*Analysis Date*	*Analyst*
6010B	Aluminum	9500	mg/Kg	9.9	2/29/2008	dhemsley
6010B	Antimony	<2.0	mg/Kg	2.0	2/28/2008	dhemsley
6010B	Arsenic	1.3	mg/Kg	0.79	2/29/2008	dhemsley
6010B	Barium	<9.9	mg/Kg	9.9	2/28/2008	dhemsley
6010B	Beryllium	<0.40	mg/Kg	0.40	2/28/2008	dhemsley
6010B	Cadmium	<0.40	mg/Kg	0.40	2/28/2008	dhemsley
6010B	Calcium	4800	mg/Kg	99	2/28/2008	dhemsley
6010B	Chromium	2.7	mg/Kg	0.99	2/28/2008	dhemsley
6010B	Cobalt	10	mg/Kg	0.99	2/28/2008	dhemsley
6010B	Copper	96	mg/Kg	2.0	2/28/2008	dhemsley
6010B	Iron	22000	mg/Kg	99	3/5/2008	dhemsley
6010B	Lead	2.1	mg/Kg	0.99	2/29/2008	dhemsley
6010B	Magnesium	4900	mg/Kg	99	2/28/2008	dhemsley
6010B	Manganese	94	mg/Kg	1.5	2/28/2008	dhemsley
6010B	Nickel	9.6	mg/Kg	2.0	2/28/2008	dhemsley
6010B	Potassium	610	mg/Kg	99	3/5/2008	dhemsley

EMSL Analytical
3 Cooper St., Westmont, NJ 08108
Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com

Attn: Robert Patton
Advance Testing Company, Inc.
3348 Route 208
Campbell Hall, NY 10916
Fax: (845) 496-1398 Phone: (845) 496-1600

Customer ID: ADVA52
Customer PO:
Received: 02/13/08 11:32 AM
EMSL Order: 010800675
EMSL Proj: Tilcon New York QCP
Report Date: 3/11/2008

Client Sample Description 08-0102 B — *Collected:* 2/11/2008 — *Lab ID:* 0002
Haverstraw Quarry, "Backfill Material"

Method	*Parameter*	*Concentration*	*Units*	*RL*	*Analysis Date*	*Analyst*
6010B	Selenium	<2.0	mg/Kg	2.0	2/28/2008	dhemsley
6010B	Silver	<0.99	mg/Kg	0.99	2/28/2008	dhemsley
6010B	Sodium	880	mg/Kg	99	2/26/2008	dhemsley
6010B	Thallium	<0.99	mg/Kg	0.99	2/28/2008	dhemsley
6010B	Vanadium	31	mg/Kg	0.99	2/28/2008	dhemsley
6010B	Zinc	22	mg/Kg	2.0	2/28/2008	dhemsley
TCLP 1311/6010B	Arsenic	<0.080	mg/L	0.080	2/20/2008	dhemsley
TCLP 1311/6010B	Barium	<1.0	mg/L	1.0	2/20/2008	dhemsley
TCLP 1311/6010B	Cadmium	<0.040	mg/L	0.040	2/20/2008	dhemsley
TCLP 1311/6010B	Chromium	<0.10	mg/L	0.10	2/20/2008	dhemsley
TCLP 1311/6010B	Lead	<0.10	mg/L	0.10	2/20/2008	dhemsley
TCLP 1311/6010B	Selenium	<0.20	mg/L	0.20	2/20/2008	dhemsley
TCLP 1311/6010B	Silver	<0.10	mg/L	0.10	2/20/2008	dhemsley
TCLP 1311/7470A	Mercury	<0.0020	mg/L	0.0020	2/18/2008	dhemsley
7471A	Mercury	<0.020	mg/Kg	0.020	2/27/2008	dhemsley
8081-Pesticides	See Attached			N/A	2/28/2008	ehernandez
TCLP 1311/8081-Pesticides	See Attached			N/A	2/19/2008	tlindsay
8082-PCBs	See Attached			N/A	2/28/2008	ehernandez
TCLP 1311/8151A-Herbicides	See Attached			N/A	2/20/2008	tlindsay
TCLP 1311/8260B-Volatiles	See Attached			N/A	2/19/2008	afalasca
8260B-Volatiles	See Attached			N/A	2/26/2008	afalasca
8270C-Semivolatiles	See Attached			N/A	2/26/2008	eayres
TCLP 1311/8270C-Semivolatiles	See Attached			N/A	2/19/2008	wlink
9014	Total Cyanide	<0.50	mg/Kg	0.50	2/26/2008	crybicki
Subcontract-Integrated Analytical Laboratories	See Attached			N/A		

Client Sample Description 08-0102 C — *Collected:* 2/11/2008 — *Lab ID:* 0003
Haverstraw Quarry, "Backfill Material Alt."

Method	*Parameter*	*Concentration*	*Units*	*RL*	*Analysis Date*	*Analyst*
6010B	Aluminum	10000	mg/Kg	9.8	2/29/2008	dhemsley

EMSL Analytical
3 Cooper St., Westmont, NJ 08108
Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com

Attn: **Robert Patton**
Advance Testing Company, Inc.
3348 Route 208
Campbell Hall, NY 10916
Fax: (845) 496-1398 Phone: (845) 498-1600

Customer ID: ADVA52
Customer PO:
Received: 02/13/08 11:32 AM
EMSL Order: 010800675
EMSL Proj: Tilcon New York QCP
Report Date: 3/11/2008

Client Sample Description 08-0102 C *Collected:* 2/11/2008 *Lab ID:* 0003
Haverstraw Quarry, "Backfill Material Alt."

Method	*Parameter*	*Concentration*	*Units*	*RL*	*Analysis Date*	*Analyst*
6010B	Antimony	<2.0	mg/Kg	2.0	2/27/2008	dhemsley
6010B	Arsenic	2.2	mg/Kg	0.78	3/5/2008	dhemsley
6010B	Barium	12	mg/Kg	9.8	2/27/2008	dhemsley
6010B	Beryllium	<0.39	mg/Kg	0.39	2/27/2008	dhemsley
6010B	Cadmium	<0.98	mg/Kg	0.98	2/27/2008	dhemsley
6010B	Calcium	6700	mg/Kg	98	2/27/2008	dhemsley
6010B	Chromium	31	mg/Kg	0.98	2/27/2008	dhemsley
6010B	Cobalt	12	mg/Kg	0.98	2/27/2008	dhemsley
6010B	Copper	140	mg/Kg	2.0	2/27/2008	dhemsley
6010B	Iron	24000	mg/Kg	98	3/5/2008	dhemsley
6010B	Lead	3.2	mg/Kg	0.98	2/29/2008	dhemsley
6010B	Magnesium	5300	mg/Kg	98	2/27/2008	dhemsley
6010B	Manganese	130	mg/Kg	1.6	2/27/2008	dhemsley
6010B	Nickel	9.3	mg/Kg	2.0	2/27/2008	dhemsley
6010B	Potassium	650	mg/Kg	98	3/5/2008	dhemsley
6010B	Selenium	<2.0	mg/Kg	2.0	2/27/2008	dhemsley
6010B	Silver	2.2	mg/Kg	0.98	2/27/2008	dhemsley
6010B	Sodium	1100	mg/Kg	98	2/27/2008	dhemsley
6010B	Thallium	<0.98	mg/Kg	0.98	2/27/2008	dhemsley
6010B	Vanadium	38	mg/Kg	0.98	2/28/2008	dhemsley
6010B	Zinc	31	mg/Kg	2.0	2/27/2008	dhemsley
TCLP 1311/6010B	Arsenic	<0.080	mg/L	0.080	2/20/2008	dhemsley
TCLP 1311/6010B	Barium	1.0	mg/L	1.0	2/20/2008	dhemsley
TCLP 1311/6010B	Cadmium	<0.040	mg/L	0.040	2/20/2008	dhemsley
TCLP 1311/6010B	Chromium	<0.10	mg/L	0.10	2/20/2008	dhemsley
TCLP 1311/6010B	Lead	<0.10	mg/L	0.10	2/20/2008	dhemsley
TCLP 1311/6010B	Selenium	<0.20	mg/L	0.20	2/20/2008	dhemsley
TCLP 1311/6010B	Silver	<0.10	mg/L	0.10	2/20/2008	dhemsley
TCLP 1311/7470A	Mercury	<0.0020	mg/L	0.0020	2/18/2008	dhemsley
7471A	Mercury	<0.019	mg/Kg	0.019	2/27/2008	dhemsley
8081-Pesticides	See Attached			N/A	2/26/2008	eherrandez

EMSL Analytical
3 Cooper St., Westmont, NJ 08108
Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com

Attn: Robert Patton
Advance Testing Company, Inc.
3348 Route 208
Campbell Hall, NY 10916
Fax: (845) 496-1398 Phone: (845) 496-1600

Customer ID: ADVA52
Customer PO:
Received: 02/13/08 11:32 AM
EMSL Order: 010800675
EMSL Proj: Tilcon New York QCP
Report Date: 3/11/2008

Client Sample Description 08-0102 C Haverstraw Quarry, "Backfill Material Alt." *Collected:* 2/11/2008 *Lab ID:* 0003

Method	*Parameter*	*Concentration*	*Units*	*RL*	*Analysis Date*	*Analyst*
TCLP 1311/8081-Pesticides	See Attached			N/A	2/19/2008	lindsay
8082-PCBs	See Attached			N/A	2/28/2008	ehernandez
TCLP 1311/8151A-Herbicides	See Attached			N/A	2/20/2008	lindsay
TCLP 1311/8260B-Volatiles	See Attached			N/A	2/19/2008	afalasca
8260B-Volatiles	See Attached			N/A	2/26/2008	afalasca
8270C-Semivolatiles	See Attached			N/A	2/27/2008	eayres
TCLP 1311/8270C-Semivolatiles	See Attached			N/A	2/19/2008	wfink
9014	Total Cyanide	<0.50	mg/Kg	0.50	2/26/2008	crybicki
Subcontract-Integrated Analytical Laboratories	See Attached			N/A		

EMSL Analytical Inc.

VOLATILE ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	08-0102 B
Lab Name:	EMSL ANALYTICAL		
EMSL Sample ID:	010800675-0002	Project:	Tilcon New York QCP
Lab File ID:	T2620.D	Sample Matrix:	Solid
Instrument ID:	VOA MSD-T	Sampling Date:	2/11/2008
Analyst:	AF	Analysis Date	2/25/2008 19:29:00
GC Column:	RTX-502.2 (0.25 mm)	Level (low/med):	MED
Sample wt/vol:	10 G	Nominal Amount:	100 µL
Extract Vol.	10000 (uL)	Aliquot Analyzed:	100 (ul)
Dilution Factor:	1	Method:	SW846 8260B
Sample Container:	Jar (SW-846 5035)	Moisture(%)	
Heated Purge (Y/N):	N		

CAS NO	COMPOUND	Report Limit (µg/Kg)	CONC. (µg/Kg)	Q
75-71-8	Dichlorodifluoromethane	50		U
74-87-3	Chloromethane	100		U
75-01-4	Vinyl chloride	50		U
74-83-9	Bromomethane	250		U
75-00-3	Chloroethane	50		U
75-69-4	Trichlorofluoromethane	50		U
107-02-8	Acrolein	2500		U
76-13-1	Freon 113(1,1,2-Trichlorotrifluoroethan	50		U
75-35-4	1,1-Dichloroethene	50		U
67-64-1	Acetone	500		U
75-15-0	Carbon disulfide	50		U
75-09-2	Methylene chloride	50		U
75-65-0	tert-Butyl Alcohol	500		U
156-60-5	trans-1,2-Dichloroethene	50		U
1634-04-4	Methyl-tert butyl ether	50		U
107-13-1	Acrylonitrile	50		U
75-34-3	1,1-Dichloroethane	50		U
108-05-4	Vinyl acetate	50		U
594-20-7	2,2-Dichloropropane	50		U
156-59-2	cis-1,2-Dichloroethene	50		U
78-93-3	2-Butanone	100		U
74-97-5	Bromochloromethane	50		U
67-66-3	Chloroform	50		U
71-55-6	1,1,1-Trichloroethane	50		U
56-23-1	Carbon tetrachloride	50		U
563-58-6	1,1-Dichloropropene	50		U
71-43-2	Benzene	25		U
107-06-2	1,2-Dichloroethane	50		U
79-01-6	Trichloroethene	50		U
78-87-5	1,2-Dichloropropane	50		U
74-95-3	Dibromomethane	50		U
75-27-4	Bromodichloromethane	50		U

EMSL Analytical Inc.

VOLATILE ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	08-0102 B
Lab Name:	EMSL ANALYTICAL		
EMSL Sample ID:	010800675-0002	Project:	Tilcon New York QCP
Lab File ID:	T2620.D	Sample Matrix:	Solid
Instrument ID:	VOA MSD-T	Sampling Date:	2/11/2008
Analyst:	AF	Analysis Date	2/25/2008 19:29:00
GC Column:	RTX-502.2 (0.25 mm)	Level (low/med):	MED
Sample wt/vol:	10 G	Nominal Amount:	100 µL
Extract Vol.	10000 (uL)	Aliquot Analyzed:	100 (ul)
Dilution Factor:	1	Method:	SW846 8260B
Sample Container:	Jar (SW-846 5035)	Moisture(%)	
Heated Purge (Y/N):	N		

CAS NO	COMPOUND	Report Limit (µg/Kg)	CONC. (µg/Kg)	Q
110-75-8	2-Chloroethyl vinyl ether	1000		U
10061-01-5	cis-1,3-Dichloropropene	50		U
108-10-1	4-Methyl-2-pentanone	100		U
108-88-3	Toluene	50		U
10061-02-6	trans-1,3-Dichloropropene	50		U
79-00-5	1,1,2-Trichloroethane	50		U
127-18-4	Tetrachloroethene	50		U
142-28-9	1,3-Dichloropropane	50		U
591-78-6	2-Hexanone	100		U
124-48-1	Dibromochloromethane	50		U
106-93-4	1,2-Dibromoethane	50		U
108-90-7	Chlorobenzene	50		U
630-20-6	1,1,1,2-Tetrachloroethane	50		U
100-41-4	Ethylbenzene	50		U
108-38-3	Xylene (para & meta)	50		U
95-47-6	Xylene (Ortho)	50		U
100-42-5	Styrene	50		U
75-25-2	Bromoform	50		U
98-82-8	Isopropylbenzene	50		U
108-86-1	Bromobenzene	50		U
79-34-5	1,1,2,2-Tetrachloroethane	50		U
96-18-4	1,2,3-Trichloropropane	50		U
103-65-1	n-Propylbenzene	50		U
110-57-6	trans-1,4-Dichloro-2-butene	100		U
95-49-8	2-Chlorotoluene	50		U
106-43-4	4-Chlorotoluene	50		U
108-67-8	1,3,5-Trimethylbenzene	50		U
98-06-6	tert-Butylbenzene	50		U
95-63-6	1,2,4-Trimethylbenzene	50		U
135-98-8	sec-Butylbenzene	50		U
541-73-1	1,3-Dichlorobenzene	50		U
99-87-6	4-Isopropyltoluene	50		U

EMSL Analytical Inc.

VOLATILE ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	08-0102 B
Lab Name:	EMSL ANALYTICAL		
EMSL Sample ID:	010800675-0002	Project:	Tilcon New York QCP
Lab File ID:	T2620.D	Sample Matrix:	Solid
Instrument ID:	VOA MSD-T	Sampling Date:	2/11/2008
Analyst:	AF	Analysis Date	2/25/2008 19:29:00
GC Column:	RTX-502.2 (0.25 mm)	Level (low/med):	MED
Sample wt/vol:	10 G	Nominal Amount:	100 µL
Extract Vol.	10000 (uL)	Aliquot Analyzed:	100 (ul)
Dilution Factor:	1	Method:	SW846 8260B
Sample Container:	Jar (SW-846 5035)	Moisture(%)	
Heated Purge (Y/N):	N		

CAS NO	COMPOUND	Report Limit (µg/Kg)	CONC. (µg/Kg)	Q
106-46-7	1,4-Dichlorobenzene	50		U
95-50-1	1,2-Dichlorobenzene	50		U
104-51-8	n-Butylbenzene	50		U
96-12-8	1,2-Dibromo-3-chloropropane	50		U
120-82-1	1,2,4-Trichlorobenzene	50		U
87-68-3	Hexachlorobutadiene	50		U
91-20-3	Naphthalene	50		U
87-61-6	1,2,3-Trichlorobenzene	50		U

Qualifier Definitions
U = Undetected
B = Compound detected in method blank
E = Estimated value
J = Estimated concentration.
D = Dilution

EMSL Analytical Inc.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	08-0102 B
Lab Name:	EMSL Analytical Inc.		
EMSL Sample ID:	010800675-0002	Project:	Tilcon New York QCP
Lab File ID:	C14401.D	Sample Matrix:	Solid
Instrument ID:	SVOA MSD-C	Sampling Date:	2/11/2008
Analyst:	EAA	Date Extracted:	2/26/2008
GC Column:	RXI-5MS (0.25 mm)	Analysis Date	2/26/2008 23:55:00
Level (low/med):	LOW	Sample wt/vol:	2.12 G
% Moisture:	0	Dilution Factor:	1
PH:		Conc. Extract Volume:	1000 (ul)
GPC Cleanup(Y/N):	N	Injection Volume:	1 (ul)
Method:	SW846 8270BNA	Extraction Type:	3550B

CAS NO	COMPOUND	Report Limit (µg/Kg)	CONC. (µg/Kg)	Q
62-75-9	N-nitrosodimethylamine	2400		U
108-95-2	Phenol	470		U
100-51-6	Benzyl alcohol	2400		U
111-44-4	bis(2-Chloroethyl)ether	2400		U
95-57-8	2-Chlorophenol	2400		U
541-73-1	1,3-Dichlorobenzene	2400		U
106-46-7	1,4-Dichlorobenzene	2400		U
95-50-1	1,2-Dichlorobenzene	2400		U
95-48-7	2-Methylphenol	470		U
108-60-1	bis(2-chloroisopropyl)ether	2400		U
1319-77-3	3+4-Methylphenol	2400		U
621-64-7	N-Nitroso-Di-n-propylamine	2400		U
67-72-1	Hexachloroethane	2400		U
65-85-0	Benzoic Acid	4700		U
98-95-3	Nitrobenzene	2400		U
78-59-1	Isophorone	2400		U
88-75-5	2-Nitrophenol	2400		U
105-67-9	2,4-Dimethylphenol	2400		U
111-91-1	bis(2-Chloroethoxy)methane	2400		U
120-83-2	2,4-Dichlorophenol	2400		U
120-82-1	1,2,4-Trichlorobenzene	2400		U
91-20-3	Naphthalene	240		U
106-47-8	4-Chloroaniline	2400		U
87-68-3	Hexachlorobutadiene	2400		U
59-50-7	4-Chloro-3-methylphenol	2400		U
91-58-7	2-Chloronaphthalene	2400		U
91-57-6	2-Methylnaphthalene	240		U
77-47-4	Hexachlorocyclopentadiene	2400		U
88-06-2	2,4,6-Trichlorophenol	2400		U
95-95-4	2,4,5-Trichlorophenol	470		U
88-74-4	2-Nitroaniline	2400		U

EMSL Analytical Inc.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	08-0102 B
Lab Name:	EMSL Analytical Inc.		
EMSL Sample ID:	010800675-0002	Project:	Tilcon New York QCP
Lab File ID:	C14401.D	Sample Matrix:	Solid
Instrument ID:	SVOA MSD-C	Sampling Date:	2/11/2008
Analyst:	EAA	Date Extracted:	2/26/2008
GC Column:	RXI-5MS (0.25 mm)	Analysis Date	2/26/2008 23:55:00
Level (low/med):	LOW	Sample wt/vol:	2.12 G
% Moisture:	0	Dilution Factor:	1
PH:		Conc. Extract Volume:	1000 (ul)
GPC Cleanup(Y/N):	N	Injection Volume:	1 (ul)
Method:	SW846 8270BNA	Extraction Type:	3550B

CAS NO	COMPOUND	Report Limit (µg/Kg)	CONC. (µg/Kg)	Q
131-11-3	Dimethylphthalate	2400		U
208-96-8	Acenaphthylene	240		U
606-20-2	2,6-Dinitrotoluene	2400		U
99-09-2	3-Nitroaniline	2400		U
83-32-9	Acenaphthene	240		U
51-28-5	2,4-Dinitrophenol	2400		U
100-02-7	4-Nitrophenol	470		U
132-64-9	Dibenzofuran	2400		U
121-14-2	2,4-Dinitrotoluene	2400		U
84-66-2	Diethylphthalate	2400		U
86-73-7	Fluorene	240		U
7005-72-3	4-Chlorophenyl-phenylether	2400		U
100-01-6	4-Nitroaniline	2400		U
534-52-1	4,6-Dinitro-2-methylphenol	2400		U
86-30-6	n-Nitrosodiphenylamine	2400		U
122-66-7	1,2-Diphenylhydrazine (as azobenzene)	2400		U
101-55-3	4-Bromophenyl-phenylether	2400		U
118-74-1	Hexachlorobenzene	2400		U
87-86-5	Pentachlorophenol	240		U
85-01-08	Phenanthrene	240		U
120-12-7	Anthracene	2400		U
86-74-8	Carbazole	2400	480	JB
84-74-2	Di-n-butylphthalate	240		U
206-44-0	Fluoranthene	2400		U
92-87-5	Benzidine	240		U
129-00-0	Pyrene	2400		U
85-68-7	Butylbenzylphthalate	240		U
56-55-3	Benzo[a]anthracene	2400		U
91-94-1	3,3'-Dichlorobenzidine	240		U
218-01-9	Chrysene	2400		U
117-81-7	bis(2-Ethylhexyl)phthalate			

EMSL Analytical Inc.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	08-0102 B
Lab Name:	EMSL Analytical Inc.		
EMSL Sample ID:	010800675-0002	Project:	Tilcon New York QCP
Lab File ID:	C14401.D	Sample Matrix:	Solid
Instrument ID:	SVOA MSD-C	Sampling Date:	2/11/2008
Analyst:	EAA	Date Extracted:	2/26/2008
GC Column:	RXI-5MS (0.25 mm)	Analysis Date	2/26/2008 23:55:00
Level (low/med):	LOW	Sample wt/vol:	2.12 G
% Moisture:	0	Dilution Factor:	1
PH:		Conc. Extract Volume:	1000 (ul)
GPC Cleanup(Y/N):	N	Injection Volume:	1 (ul)
Method:	SW846 8270BNA	Extraction Type:	3550B

CAS NO	COMPOUND	Report Limit (µg/Kg)	CONC. (µg/Kg)	Q
117-84-0	Di-n-octylphthalate	2400		U
205-99-2	Benzo[b]fluoranthene	240		U
207-08-9	Benzo[k]fluoranthene	240		U
50-32-8	Benzo[a]pyrene	240		U
193-39-5	Indeno[1,2,3-cd]pyrene	240		U
53-70-3	Dibenz[a,h]anthracene	150		U
191-24-2	Benzo[g,h,i]perylene	240		U

Qualifier Definitions
U = Undetected
B = Compound detected in method blank
E = Estimated value
J = Estimated concentration.
D = Dilution

EMSL Analytical Inc.

PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	08-0102 B
Lab Name:	EMSL Analytical		
EMSL Sample ID:	010800675-0002	Project:	Tilcon New York QCP
Lab File ID:	G9759.D	Sample Matrix:	Solid
Instrument ID:	G	Sampling Date:	2/11/2008
Analyst:	EH	Date Extracted:	2/27/2008
GC Column:	CLPest I (0.32 mm)	Analysis Date	2/28/2008 3:00:00 PM
GC Column 2:	CLPest II (0.32 mm)	Sample wt/vol:	2.11 G
% Moisture:		Dilution Factor:	1
PH:		Concentrated Extract Vol:	10 (mL)
GPC Cleanup(Y/N):	N	Injection Volume:	1 (uL)
Extraction Type:	3550B	Sulfur Cleanup:	N
Method:	SW846 8081/8082		

CAS NO	COMPOUND	Report Limit (ug/kg)	CONC. (ug/kg)	Q
319-84-6	alpha-BHC	24		U
58-89-9	gamma-BHC	24		U
319-85-7	beta-BHC	24		U
319-86-8	delta-BHC	24		U
76-44-8	Heptachlor	24		U
309-00-2	Aldrin	24		U
1024-57-3	Heptachlor Epoxide	24		U
5103-74-2	gamma-Chlordane	24		U
5103-71-9	alpha-Chlordane	24		U
72-55-9	4,4'-DDE	24		U
959-98-8	Endosulfan I	24		U
60-57-1	Dieldrin	24		U
72-20-8	Endrin	24		U
72-54-8	4,4'-DDD	24		U
33213-65-9	Endosulfan II	24		U
50-29-3	4,4'-DDT	24		U
7421-93-4	Endrin Aldehyde	24		U
1031-07-8	Endosulfan Sulfate	24		U
72-43-5	Methoxychlor	47		U
53494-70-5	Endrin Ketone	24		U
8001-35-2	Toxaphene	240		U
57-74-9	Tech Chlordane	240		U

Qualifier Definitions
U = Undetected
B = Compound detected in method blank
E = Estimated value
D = Dilution
P = Results between the two columns differ >40%

EMSL Analytical Inc.

PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	08-0102 B
Lab Name:	EMSL Analytical		
EMSL Sample ID:	010800675-0002	Project:	Tilcon New York QCP
Lab File ID:	G9759.D	Sample Matrix:	Solid
Instrument ID:	G	Sampling Date:	2/11/2008
Analyst:	EH	Date Extracted:	2/27/2008
GC Column:	CLPest I (0.32 mm)	Analysis Date	2/28/2008 3:00:00 PM
GC Column 2:	CLPest II (0.32 mm)	Sample wt/vol:	2.11 G
% Moisture:		Dilution Factor:	1
PH:		Concentrated Extract Vol:	10 (mL)
GPC Cleanup(Y/N):	N	Injection Volume:	1 (uL)
Extraction Type:	3550B	Sulfur Cleanup:	N
Method:	SW846 8081/8082		

CAS NO	COMPOUND	Report Limit (ug/kg)	CONC. (ug/kg)	Q
12674-11-2	Aroclor 1016	470		U
11104-28-2	Aroclor 1221	470		U
11141-16-5	Aroclor 1232	470		U
53469-21-9	Aroclor 1242	470		U
12672-29-6	Aroclor 1248	470		U
11097-69-1	Aroclor 1254	470		U
11096-82-5	Aroclor 1260	470		U

Qualifier Definitions
U = Undetected
B = Compound detected in method blank
E = Estimated value
D = Dilution
P = Results between the two columns differ >40%

EMSL Analytical Inc.

VOLATILE ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	08-0102 B
Lab Name:	EMSL ANALYTICAL		
EMSL Sample ID:	010800675-0002	Project:	Tilcon New York QCP
Lab File ID:	T2577.D	Sample Matrix:	Leachate
Instrument ID:	VOA MSD-T	Sampling Date:	2/11/2008
Analyst:	AF	Analysis Date	2/19/2008 17:11:00
GC Column:	RTX-502.2 (0.25 mm)	Level (low/med):	LOW
Sample wt/vol:	0.300 ML	Nominal Amount:	5 ML
Dilution Factor:	1	Method:	SW846 8260B TCLP

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
75-01-4	Vinyl chloride	17		U
75-35-4	1,1-Dichloroethene	17		U
78-93-3	2-Butanone	33		U
67-66-3	Chloroform	17		U
56-23-1	Carbon tetrachloride	17		U
71-43-2	Benzene	17		U
107-06-2	1,2-Dichloroethane	17		U
79-01-6	Trichloroethene	17		U
127-18-4	Tetrachloroethene	17		U
108-90-7	Chlorobenzene	17		U

Qualifier Definitions
U = Undetected
B = Compound detected in method blank
E = Estimated value
J = Estimated concentration.
D = Dilution

EMSL Analytical Inc.

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	08-0102 B
Lab Name:	EMSL Analytical Inc.		
EMSL Sample ID:	010800675-0002	Project:	Tilcon New York QCP
Lab File ID:	C14345.D	Sample Matrix:	Leachate
Instrument ID:	SVOA MSD-C	Sampling Date:	2/11/2008
Analyst:	WRF	Date Extracted:	2/16/2008
GC Column:	RXI-5MS (0.25 mm)	Analysis Date	2/19/2008 14:50:00
Level (low/med):	LOW	Sample wt/vol:	100 ML
% Moisture:		Dilution Factor:	1
PH:		Conc. Extract Volume:	1000 (ul)
GPC Cleanup(Y/N):	N	Injection Volume:	1 (ul)
Method:	SW846 8270 TCLPBNA	Extraction Type:	3520C

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
110-86-1	Pyridine	50		U
106-46-7	1,4-Dichlorobenzene	50		U
95-48-7	2-Methylphenol	50		U
1319-77-3	3&4-Methylphenol	50		U
67-72-1	Hexachloroethane	50		U
98-95-3	Nitrobenzene	50		U
87-68-3	Hexachlorobutadiene	5.0		U
88-06-2	2,4,6-Trichlorophenol	50		U
95-95-4	2,4,5-Trichlorophenol	50		U
121-14-2	2,4-Dinitrotoluene	50		U
118-74-1	Hexachlorobenzene	2.7		U
87-86-5	Pentachlorophenol	5.0		U

Qualifier Definitions
U = Undetected
B = Compound detected in method blank
E = Estimated value
J = Estimated concentration.
D = Dilution

EMSL Analytical Inc.

PESTICIDE/PCB ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	08-0102 B
Lab Name:	EMSL Analytical		
EMSL Sample ID:	010800675-0002	Project:	Tilcon New York QCP
Lab File ID:	G9579.D	Sample Matrix:	Solid
Instrument ID:	G	Sampling Date:	2/11/2008
Analyst:	TL	Date Extracted:	2/19/2008
GC Column:	CLPest I (0.32 mm)	Analysis Date	2/19/2008 9:21:00 PM
GC Column 2:	CLPest II (0.32 mm)	Sample wt/vol:	150 ML
% Moisture:		Dilution Factor:	1
PH:		Concentrated Extract Vol:	10 (ml)
GPC Cleanup(Y/N):	N	Injection Volume:	1 (ul)
Extraction Type:	3510C	Sulfur Cleanup:	N
Method:	SW846 8081/8082		

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
58-89-9	gamma-BHC	1.0		U
76-44-8	Heptachlor	1.0		U
1024-57-3	Heptachlor Epoxide	1.0		U
72-20-8	Endrin	1.0		U
72-43-5	Methoxychlor	2.0		U
12674-11-2	Toxaphene	7.0		U
57-74-9	Tech Chlordane	3.3		U

Qualifier Definitions
U = Undetected
B = Compound detected in method blank
E = Estimated value
D = Dilution
P = Results between the two columns differ >40%

EMSL Analytical Inc.

HERBICIDE ORGANICS ANALYSIS DATA SHEET

		Customer Sample#:	08-0102 B
Lab Name:	EMSL Analytical		
EMSL Sample ID:	010800675-0002	Project:	Tilcon New York QCP
Lab File ID:	D9784.D	Sample Matrix:	Solid
Instrument ID:	D	Sampling Date:	2/11/2008
Analyst:	TL	Date Extracted:	2/15/2008
GC Column:	CLPest I (0.32 mm)	Analysis Date	2/20/2008 4:28:00 AM
GC Column 2:	CLPest II (0.32 mm)	Sample wt/vol:	50 ML
% Moisture:		Dilution Factor:	1
PH:		Concentrated Extract Vol:	10 (ml)
GPC Cleanup(Y/N):	N	Injection Volume:	1 (ul)
Extraction Type:	3510C	Sulfur Cleanup:	N
Method:	SW846 8151		

CAS NO	COMPOUND	Report Limit (µg/L)	CONC. (µg/L)	Q
18625-12-2	2,4-D	200		U
4841-20-7	Silvex	200		U

Qualifier Definitions
U = Undetected
B = Compound detected in method blank
E = Estimated value
D = Dilution
P = Results between the two columns differ >40%

Advance Testing

3348 ROUTE 208 CAMPBELL HALL, NY 10916 845 496-1600
P.O. BOX 420 WEST STOCKBRIDGE, MA 01266 413 232-8566

CHAIN-OF-CUSTODY

SHIPPED TO:

EMSL Analytical, inc.
3 Cooper St.
Westmont, NJ 08108

BILLING – Third party billing to:

Tilcon NY, Inc.
162 Old Mill Rd.
West Nyack, NY 10994

Third-party billing form will be provided.

SAMPLE DATA

CLIENT:	Tilcon New York, Inc.
PROJECT:	Tilcon New York QCP
PROJECT NUMBER:	
ITEM:	As Noted Below
SOURCE:	As Noted Below
SAMPLED BY:	R. Patton
DATE SAMPLED:	February 11, 2008

Sample No.	Item	Test(s)	Turnaround Time
~~08-0102-A~~	~~West Nyack Quarry "Gravel Layer"~~	VOC 8260B, SVOC 8270C, Pesticides 8081A, Herbicides 8151A, PCB 8082, TAL Metals and Cyanide **All Samples.**	Rush
08-0102 B	Haverstraw Quarry "Backfill Material"		Rush
~~08-0102 C~~	~~Haverstraw Quarry "Backfill Material Alt."~~		Rush

Please fax results to:
Advance Testing Company, 845 496-1398 e-mail: rpatton@advancetesting.com

SHIPPED BY: Robert Patton

DATE: 2-22-08

*2 week tat per Robert. MK 2/25

SUMMARY REPORT
Client: EMSL Analytical, Inc.
Project: PROJECT #010800675
Lab Case No.: E08-02057

Lab ID:	02057-001			02057-002			02057-003		
Client ID:	010800675-1			010800675-2			010800675-3		
Matrix:	Solid			Solid			Solid		
Sampled Date	2/11/08			2/11/08			2/11/08		
PARAMETER(Units)	Conc	Q	MDL	Conc	Q	MDL	Conc	Q	MDL
Herbicides (Units)	*(mg/Kg-ppm)*			*(mg/Kg-ppm)*			*(mg/Kg-ppm)*		
Dalapon	ND		0.017	ND		0.020	ND		0.018
Dicamba	ND		0.017	ND		0.020	ND		0.018
MCPP	ND		0.087	ND		0.100	ND		0.092
MCPA	ND		0.087	ND		0.100	ND		0.092
Dichloroprop	ND		0.017	ND		0.020	ND		0.018
2,4-D	ND		0.017	ND		0.020	ND		0.018
Silvex	ND		0.017	ND		0.020	ND		0.018
2,4,5-T	ND		0.017	ND		0.020	ND		0.018
2,4-DB	ND		0.017	ND		0.020	ND		0.018
Dinoseb	ND		0.017	ND		0.020	ND		0.018

ND = Analyzed for but Not Detected at the MDL

EMSL Analytical, Inc. Environmental Chemistry Lab Service 3 Cooper St., Westmont, NJ 08108 TEL: (856) 858-4800 FAX: (856) 858-4571	**Chain of Custody / Analysis Request Form** **Print ALL Information. Incomplete chain of custody could result in the delay of analysis.**	EMSL Project # 010800675 Account Rep: Indicate State where samples were collected:
REPORT RESULTS TO:	**SEND INVOICE TO:**	
Name: Debbie Kreider PO#:	Name: PO#:	
Company EMSL Analytical, Inc.	Company EMSL Analytical, Inc.	**Turnaround Time - 10 Business Days**
Address: 3 Cooper St.	Address: 107 Haddon Ave	**Integrated Analytical Laboratories**
City: Westmont	City: Westmont	273 Franklin Rd Randolph, NJ 07869 973-361-4252
State: NJ Zip: 08108	State: NJ Zip: 08108	PROJECT NAME:
Tel: 856-858-4800 ext. 1225 Fax: 856-854-2362	Tel: 856-858-4800 Fax: 856-854-2362	
Email: dkreider@emsl.com	# of Samples in Shipment: 3	Date of Sample Shipment: 2/25/08

Sampled by: (Signature)					Matrix					Preservative				Sampling		List Method and Test Needed									
	Lab Sample Number	Client Sample ID	Comp	Grab	WATER	SOIL	AIR	SLUDGE	OTHER	HCl	HNO3	H2SO4	OTHER	DATE	TIME		Non-Polar		TPH-NJ-OQA-QAM-025		Herbicides				
1.	010800675-1			X					X					2/11							X				
2.	010800675-2			X					X					2/11							X				
3.	010800675-3			X					X					2/11							X				
4.																									
5.																									
6.																									
7.																									
8.																									
9.																									
10.																									

Released By Signature	Date & Time Released	Delivery Method	Received By Signature	Agency	Date & Time Received	Condition Noted
	2/25/08	Fed-Ex				

Please indicate reporting requirements: ☐1. Results Only ☐2. Results and QC ☐3. Reduced Deliverables ☐4. Disk Deliverable ☐5. Other _____

Comments:

MINERAL LAB REPORT
ADVANCE TESTING

December 3, 2007
Lab no. 207885

Mr. Robert Patton
Advance Testing
3348 Route 208
Campbell Hall, New York 10916

Dear Mr. Patton:

Enclosed are the x-ray fluorescence (XRF) results for two, "Stone Screenings" samples received last week. The results will be mailed and emailed to you, as requested.

A representative portion of each sample was ground to approximately -400 mesh in a steel swing mill and then analyzed by our standard XRF procedure for 31 major, minor and trace elements. The relative precision/accuracy for this procedure is ~5–10% for major–minor elements and ~10–15% for trace elements (those elements listed in ppm) at levels greater than twice the detection limit in samples of average geologic composition. A replicate sample and a standard reference material ("SY3", a CANMET standard rock) were analyzed with the samples to demonstrate analytical reproducibility for your samples and analytical accuracy for a geologic standard, respectively. The accepted ("known") values for the quality control standard are listed with the XRF results.

Thank you for the opportunity to be of continuing service to Advance Testing.

Sincerely,

Joy Maes

Advance Testing
XRF Results for, "Stone Screenings" Samples

December 3, 2007
Lab no. 207885

Ident	Na_2O	MgO	Al_2O_3	SiO_2	P_2O_5	S	Cl	K_2O	CaO	TiO_2	MnO	Fe_2O_3	BaO
	Wt %												
~~07-1056~~	~~2.60~~	~~3.66~~	~~13.5~~	~~52.6~~	~~0.41~~	~~<0.05~~	~~0.06~~	~~0.82~~	~~8.03~~	~~3.11~~	~~0.24~~	~~17.4~~	~~0.03~~
07-1057	2.72	5.89	15.0	53.3	0.29	<0.05	<0.02	0.67	9.14	1.44	0.18	13.1	0.02
Quality Control - Replicate (R) sample and standard reference material (SY3) analyzed with samples													
~~07-1056(R)~~	~~2.59~~	~~3.70~~	~~13.4~~	~~52.7~~	~~0.41~~	~~<0.05~~	~~0.06~~	~~0.82~~	~~8.02~~	~~3.13~~	~~0.24~~	~~17.4~~	~~0.03~~
SY3-XRF	4.06	2.35	11.8	59.4	0.74	<0.05	<0.02	4.00	8.18	0.11	0.32	6.29	0.05
SY3-known	4.15	2.67	11.8	59.7	0.54	0.05	0.014?	4.20	8.26	0.15	0.32	6.45	0.05

Ident	V	Cr	Co	Ni	W	Cu	Zn	As	Sn	Pb	Mo	Sr	U
	PPM												
~~07-1056~~	~~629~~	~~15~~	~~66~~	~~19~~	~~<10~~	~~453~~	~~162~~	~~<20~~	~~156~~	~~20~~	~~<10~~	~~245~~	~~44~~
07-1057	286	65	57	52	<10	271	117	<20	173	14	<10	236	38
Quality Control													
~~07-1056(R)~~	~~612~~	~~13~~	~~65~~	~~18~~	~~<10~~	~~456~~	~~162~~	~~<20~~	~~155~~	~~20~~	~~<10~~	~~240~~	~~46~~
SY3-XRF	40	<10	15	<10	31	21	258	<20	53	128	<10	302	645
SY3-known	51	10	12	11	--	16	250	20	--	130	--	306	650

Ident	Th	Nb	Zr	Rb	Y
	PPM				
~~07-1056~~	~~39~~	~~26~~	~~220~~	~~36~~	~~61~~
07-1057	30	16	172	21	47
Quality Control					
~~07-1056(R)~~	~~39~~	~~26~~	~~218~~	~~31~~	~~54~~
SY3-XRF	984	168	363	209	788
SY3-known	990	145	320	208	740

Analysis Performed By The Mineral Lab, Inc

S3-II TUNNEL CONSTRUCTORS
SAMPLE NO. 07-1057

New York State Department of Environmental Conservation
Division of Environmental Remediation
Remedial Bureau B
625 Broadway, Albany, New York 12233-7016
Phone: (518) 402-9774 • **FAX:** (518) 402-9773
Website: www.dec.state.ny.us

Alexander B. Grannis
Commissioner

August 28, 2008

Joseph Moinian
Meushar 34th Street, LLC
c/o the Moinian Group
530 Fifth Avenue, Suite 1800
New York, NY 10036

Re: West 34th Street Development Project
Brownfield Cleanup Project #C231049
New York City, New York County
East Side Access-Imported Fill

Dear Mr. Moinian:

To maintain the Unrestricted Use status at the West 34th Street Development Project, any soil that is brought on-site must be clean as per the New York State Department of Environmental Conservation (NYSDEC) approved Site Soil Management Plan, Section 3.7: Imported Backfill. The NYSDEC has received and reviewed the Fleming Lee Shue *East Side Access-Imported Fill Report*, dated June 6, 2008. This report summarizes and documents the imported fill activities at the West 34th Street Development BCP Site.

The report includes documentation of the following four backfill materials that were used at the site:

1. Backfill material generated from the East Side Access (ESA) project: NYSDEC visually inspected the ESA material on March 24, 2008 and approved the ESA material on March 26, 2008.

2. Crushed stone from Aggregate Manufacture and Export in Canada and Tilcon New York Inc.'s Haverstraw Quarry, Haverstraw, New York.

3. Raw sand from Amboy Aggregates of South Amboy, New Jersey.

4. 3/4 inch gravel from Tilcon New York Inc.'s Haverstraw Quarry, Haverstraw, New York.

Based on the NYSDEC March 24, 2008 ESA site inspection and information presented in Fleming Lee Shue's *East Side Access-Imported Fill Report*, NYSDEC accepts all the backfill material at the West 34th Street Development Project. This backfill meets the requirements of the approved June 2007 Soil Management Plan and is consistent with a Track 1 BCP Remediation.

If you have any questions, please contact me at (518) 402-9774.

Sincerely,

P.E.

John Durnin, P.E.
Environmental Engineer
Division of Environmental Remediation
Bureau B, Section B

ec: J. Quinn, Section Chief
A. Nagi, NYSDEC Region 2
B. Callaghan, NYSDOH
M. Carroll, Fleming Lee Shue, Inc.

Appendix Y
Clean Fill Documentation and NYSDEC's March 26, 2008 Letter

Appendix Z
Estimated Remediation Costs
555 West 34th Street - New York, NY
BCP Site #C231049
Feb-09

Engineering Costs	Quantity	Units	Unit Rate	Cost
Remedial Investigation	1	LS	$250,000	$250,000
Off-site Investigation	1	LS	$65,000	$65,000
In-situ disposal characterization	1	LS	$200,000	$200,000
Preparation of Plans/BCP submittals	1	LS	$125,000	$125,000
Subcontractor Coordination	1	LS	$5,000	$5,000
Amtrak Coordination	1	LS	$12,000	$12,000
Post Excavation Sampling	1	LS	$20,000	$20,000
Reporting				
Progress Reports	1	LS	$25,000	$25,000
Final Remediation Reports	1	LS	$75,000	$75,000
Permitting	1	LS	$25,000	$25,000
Subtotal Engineering Costs				$802,000
Construction and Remediation Costs				
Admin & Mobilization	1	LS	$30,000	$30,000
Bonds	1	LS	$50,000	$50,000
Site Prep and Restoration	1	LS	$200,000	$200,000
Site Management and Security	1	LS	$400,000	$400,000
Health & Safety monitoring + PID / Dust Monitor	150	DAY	$1,500	$225,000
CAMP Implementation + PID/Dust Monitor	150	DAY	$1,500	$225,000
Post Excavation Laboratory Analysis	1	LS	$200,000	$200,000
Sheeting and Shoring (includes tiedowns/tiebacks) and Underpinning	1	LS	$1,200,000	$1,200,000
Closeout and Demobilization	1	LS	$30,000	$30,000
Excavation including Transportation and Disposal				
General Earth Excavation - Machine (CY)	34957	CY	$35	$1,223,495
Excavation - Rubble / Existing foundations (CY)	3885	CY	$125	$485,625
Transport and dispose of petroleum-contaminated material	45530	TON	$54	$2,458,620
Transport and dispose of hazardous lead-contaminated material	6906	TON	$140	$966,840
Waterproofing				
F/I Preprufe 300 for slabs	44438	SF	$8	$355,504
F/I Waterproofing face walls	16900	SF	$12.50	$211,250
F/I Damproofing	61338	SF	$3.50	$214,683
F/I Waterstop	845	LF	$10	$8,450
Subtotal Construction and Remediation Costs				$8,484,467
Subtotal - All Costs				$9,286,467
20% contingency				$1,857,293
TOTAL				$11,143,760