

Phase II Environmental Site Assessment

March 15, 2007

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Conducted at:

**1205 Majors Path
North Sea, NY**

Tax Map Designation:

Block 01.00, Section 078.00, Lots 020.001, 030.001

Prepared for:

**Thomas Stachecki
90 Upper Seven Pond Road
Watermill, NY 11976**

Prepared by:

**Galli Engineering, P.C.
734 Walt Whitman Road, Suite 402A
Melville, NY 11747**



TABLE OF CONTENTS

1.0	INTRODUCTION	1
1.1	Purpose.....	1
1.2	Background	1
1.3	Scope of Work	2
2.0	SITE ASSESSMENT METHODOLOGY	3
2.1	Test Pit Excavation	3
2.1.1	<i>Test Pit Sample Collection for Field Screening.....</i>	<i>3</i>
2.1.2	<i>Test Pit Sample Selection for Laboratory Analysis</i>	<i>3</i>
2.2	Soil Sample Laboratory Analysis	4
3.0	ANALYTICAL RESULTS	5
3.1	<i>Laboratory Analytical Results</i>	<i>5</i>
3.1.1	<i>Soil Sample Analytical Results.....</i>	<i>5</i>
4.0	EVALUATION OF RESULTS	9
5.0	CONCLUSIONS.....	10
6.0	RECOMMENDATIONS.....	11

APPENDICES

Appendix A Site Figure Layout with Test Pit Locations

Appendix B Laboratory Analytical Reports

Appendix C Test Pit Logs

Appendix D Site Photos

1.0 INTRODUCTION

Galli Engineering, P.C. has prepared this Phase II ESA on behalf of Thomas Stachecki, for the property located at 1205 Majors Path, North Sea, NY herein identified as the "Subject Property". The subject property is identified Suffolk County Tax Map Designation: District 0900, Section 078.00, Block 01.00, Lots 020.001 and 030.001.

1.1 Purpose

This Phase II Environmental Site Assessment report is intended to investigate the potential for soil contamination at the subject property.

The laboratory results of soil samples collected as part of this investigation have been evaluated based on applicable standards and guidance values promulgated by the New York State Department of Environmental Conservation (NYSDEC) in the Technical and Administrative Guidance Memorandum (TAGM) #4046, *"Determination of Soil Cleanup Objectives and Cleanup Levels"*.

Presented herein are the results of the sampling and analyses performed by Galli Engineering, P.C. as part of the field activities conducted on February 21, 2007.

1.2 Background

The subject property currently consists of undeveloped land comprised of cleared areas and wooded land. The site was previously utilized as a landfill by the village of South Hampton from an unknown date until it was closed in 1960.

A Phase I ESA was completed by Soil Mechanics Environmental Services in October 2006 on the subject property. This study revealed no evidence of recognized environmental conditions in connection with the subject property with the exception of the following:

- Historic use of the site as a landfill.
- The presence of portions of the North Sea Landfill located hydrodynamically up gradient with respect to the target property.

1.3 Scope of Work

The scope of work developed for the subject property was based on the findings of the above referenced Phase I ESA report. The scope of work developed for this report is as follows:

- Excavated twenty-five test pits on the subject property.
- Collected soil samples from six test pits. Soil samples were selected from the test pits based upon the highest PID reading or in the absence of PID readings, discoloration of the soils.
- The soil samples were analyzed for USEPA 8260 VOCs, USEPA 8270 SVOCs, PCBs/Pesticides by Method 8081/8082 and TAGM Metals. Three of the six samples were analyzed for full TCLP.
- This Phase II ESA report was prepared describing environmental conditions, field activities, evaluation of findings, and recommendations.

This assessment is limited to the scope of work described above, and to the depths and locations tested as part of this assessment.

2.0 SITE ASSESSMENT METHODOLOGY

The fieldwork was conducted on February 21, 2007. Galli Engineering personnel performed soil sample collection at the subject property. The following sections provide a description of the fieldwork activities.

2.1 Test Pit Excavation

A total of twenty-five test pits were dug at the subject property and were designated TP-1 through TP-25. The test pits were dug using an excavator. The test pits measured 10 ft. in length, 5 ft. in width and from 8 to 20 ft. in depth. All test pit locations are shown on the site plan provided in Appendix A.

- A total of six composite samples were collected from the six selected test pits for field compositing. Soil samples were selected from six of the twenty-five test pits based upon the highest PID reading or in the absence of PID readings, discoloration of the soils.

2.1.1 Test Pit Sample Collection for Field Screening

Soil samples were collected on from the test pits February 21, 2007 using an excavator and placed into clean Ziploc bags. Each bag was labeled with the designated soil sample number and the collection depth. The sample bags were then allowed to equilibrate. The headspace of each of the soil samples was then screened for the presence of volatile organic vapors using a broadband photo ionization detector (PID). The PID was zero calibrated prior to screening soil samples at the subject property. All field screening results are provided in Appendix C.

2.1.2 Test Pit Sample Selection for Laboratory Analysis

On February 21, 2007, six soil samples (designated TP-3, TP-9, TP-12, TP-13, TP-19 and TP-20) were selected for subsequent laboratory analysis by a representative of Galli Engineering. The soil samples were collected from the eight to twenty foot depths from each test pit. The samples were placed into clean 2-ounce, 4-ounce and 8-ounce glass jars fitted with Teflon lined

caps using a single-use environmental grade disposable plastic scoop.

Each jar was then labeled with designated sample identification, date and time of collection, and the requested laboratory analyses. Each soil sample jar was packed in a secure cooler. The samples were then logged on a chain of custody document by sampling personnel, and remained in the custody of Galli Engineering until transport of the samples to the analytical laboratory via hand delivery by a Galli Engineering representative.

2.2 Soil Sample Laboratory Analysis

The six composite soil samples collected from the subject property on February 21, 2007 were maintained in a secure refrigerator until hand delivery to Environmental Testing Laboratories, Inc., a New York State Certified Commercial Laboratory for analysis. The soil samples were analyzed for the presence of VOCs according to US EPA Method 8260; SVOCs according to US EPA Method 8270; Pesticides/PCBs according to US EPA Method 8081/8082, TAGM metals according to US EPA Method 6010 and mercury according to US EPA Method 7470 and TCLP.

3.0 ANALYTICAL RESULTS

3.1 Laboratory Analytical Results

The laboratory results for the soil samples collected from the subject property are discussed below.

3.1.1 Soil Sample Analytical Results

Volatile organic compounds (VOCs) were detected in TP-3. VOCs were not detected above the NYSDEC Recommended Soil Cleanup Objectives (RSCO) in any of the soil samples.

Semi-volatile organic compounds (SVOCs) were identified in all of the soil samples. SVOCs were not detected above the NYSDEC RSCO in any of the soil samples.

Pesticides were identified in all the soil samples. Pesticides were not detected above the NYSDEC RSCO in any of the soil samples.

TAGM metals were identified in all soil samples, at varying concentrations. TAGM metals were detected above the NYSDEC RSCO in TP-3, TP-9, TP-12, TP-13, TP-17 and TP-18.

TCLP metals were identified in all of the soil samples. TCLP metals were detected above the hazardous waste threshold in TP-9 for lead.

PCB compounds were not detected in any of the soil samples.

A summary of the soil analytical data is provided in the following table. The laboratory analytical reports are provided in Appendix B.

Analytical Results for Soil Samples Collected on February 21, 2007							
Compound	RSCO	TP-3	TP-9	TP-12	TP-13	TP-17	TP-20
VOCs	RSCO ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Toluene	1,500	84 Y	-	-	-	-	-
Xylenes	1,200	1.1 J	-	-	-	-	-
SVOCs	RSCO ug/kg	TP-3 ug/kg	TP-9 ug/kg	TP-12 ug/kg	TP-13 ug/kg	TP-17 ug/kg	TP-20 ug/kg
Phenanthrene	50	0.075 Y	-	-	0.066 Y	-	-
Fluoranthene	50	0.17 Y	-	0.047 Y	0.063 Y	-	-
Pyrene	50	0.15 Y	-	0.051 Y	0.057 Y	0.025 Y	0.022 Y
Benzo(a)anthracene	0.224	0.10 Y	-	0.039 Y	0.033 Y	-	-
Chrysene	0.400	0.12 Y	-	0.050 Y	0.039 Y	-	-
bis(2-ethylhexyl)phthalate	50	0.049 Y	0.043 Y	0.052 Y	0.044 Y	0.042 Y	0.029 Y
Benzo(b)fluoranthene	1.1	0.12 Y	-	0.060 Y	0.031 Y	0.034 Y	-
Benzo(k)fluoranthene	1.1	0.12 Y	-	0.054 J	0.029 J	0.030 J	-
Benzo(a)pyrene	0.061	0.13 Y	-	0.059 Y	0.035 Y	0.038 Y	-
Indeno(1,2,3-cd)pyrene	0.41	0.081 Y	-	0.041 Y	-	0.032 Y	-
Benzo(g,h,i)perylene	50	0.083 Y	-	0.049 Y	0.034 Y	0.040 Y	-
Diethylphthalate	7.1	0.20 Y	0.25 Y	0.20 Y	0.18 Y	0.17 Y	0.11 Y
Naphthalene	13	0.044 J	-	-	-	-	-
TCLP VOCs	RSCO mg/L	TP-3 mg/L	TP-9 mg/L	TP-12 mg/L	TP-13 mg/L	TP-17 mg/L	TP-20 mg/L
Methylene Chloride	n/a	0.030 Y	-				-
Benzene	0.5	0.0066 J	-				-
TCLP SVOCs	RSCO mg/L	TP-3 mg/L	TP-9 mg/L	TP-12 mg/L	TP-13 mg/L	TP-17 mg/L	TP-20 mg/L
NONE DETECTED							
PCBs	RSCO mg/kg	TP-3 mg/kg	TP-9 mg/kg	TP-12 mg/kg	TP-13 mg/kg	TP-17 mg/kg	TP-20 mg/kg
NONE DETECTED							

ug/kg = micrograms per kilogram mg/kg = milligrams per kilogram - = compound not detected

SB = site background metal levels for eastern USA in mg/kg

RSCO = Recommended Soil Cleanup Objectives pursuant to NYSDEC Technical and Administrative Guidance Memorandum (TAGM) #4046 "Determination of Soil Cleanup Objectives and Cleanup Levels".

Values in bold exceed the RSCO.

J - Indicates an estimated value. The concentration reported was detected below the Method Detection Limit (MDL).

Y - The concentration reported was detected below the lowest calibration constant standard.

B - The Analyte was found in the associated method blank as well as the sample.

Analytical Results for Soil Samples Collected on February 21, 2007

Compound	RSCO	TP-3	TP-9	TP-12	TP-13	TP-17	TP-20
Pesticides/Herbicides	RSCO ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Silvex	700	-	-	-	-	-	-
2,4-D	500	-	-	-	-	-	-
2,4,5-T	1,900	-	-	-	-	-	-
gamma-Chlordane	540	-	-	-	-	-	26 Y
alpha-Chlordane	540	-	-	-	-	-	-
4,4'-DDE	2,100	10	-	-	19	-	90
Dieldrin	44	-	-	-	-	-	11
4,4'-DDD	2,900	13	-	-	-	-	66
4,4'-DDT	2,100	10	-	-	43	2.6	430
TCLP Pest/Herb	RSCO mg/L	TP-3 mg/L	TP-9 mg/L	TP-12 mg/L	TP-13 mg/kg	TP-17 mg/kg	TP-20 mg/kg

NONE DETECTED

TAGM Metals	RSCO mg/kg	TP-3 mg/kg	TP-9 mg/kg	TP-12 mg/kg	TP-13 mg/kg	TP-17 mg/kg	TP-20 mg/kg
Aluminum	33,000	8,260	7,820	8,070	3,580	6,520	1,820
Antimony	n/a	6.50	8.98	-	-	0.29	-
Arsenic	12	34.7	9.57	46.8	10.1	17.3	12.5
Barium	600	412	1,130	1,440	196	1,050	47.4
Beryllium	1.75	-	0.32	-	-	-	-
Cadmium	1	2.60	3.53	11.3	1.14	6.20	0.95
Calcium	35,000	9,160	42,600	26,600	5,410	25,300	2,000
Chromium	40	17.7	17.5	19.9	8.28	28.2	5.17
Cobalt	60	5.13	10.5	7.35	3.36	7.56	1.54
Copper	50	107	239	282	93.1	315	53.8
Iron	550,000	20,300	15,900	36,500	6,580	31,800	8,270
Lead	500	997	10,300	1,810	429	3,070	200
Magnesium	5,000	1,160	4,440	1,780	706	1,850	346
Manganese	5,000	200	279	371	159	1,110	70.3
Nickel	25	12.8	24.2	18.1	8.85	19.1	8.96
Potassium	43,000	988	1,720	1,220	350	1,390	223
Selenium	3.9	-	-	-	-	-	-
Silver	n/a	-	0.31	-	-	-	-
Sodium	8,000	185	891	350	148	471	40.4
Thallium	n/a	-	-	-	-	-	-
Vanadium	300	15.4	24.1	18.4	9.28	11.6	8.34
Zinc	50	2090	1,720	2,670	308	2240	254
Mercury	0.1	1.06	0.097	2.38	0.84	0.52	0.050

Analytical Results for Soil Samples Collected on February 21, 2007

Compound	RSCO	TP-3	TP-9	TP-12	TP-13	TP-17	TP-20
TCLP Metals	RSCO mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
Mercury	0.2	-	-				-
Arsenic	5.0	0.091	-				-
Barium	100	1.11	2.21				0.39
Cadmium	1.0	0.010	0.047				0.0030
Chromium	5.0	-	-				-
Lead	5.0	0.70	59.5				0.66
Selenium	1.0	-	-				-
Silver	5.0	0.33	-				-
Total Cyanide	RSCO mg/kg	TP-3	TP-9	TP-12	TP-13	TP-17	TP-20
Cyanide	n/a	1.01	-	-	-	-	-

ug/kg = micrograms per kilogram

mg/kg = milligrams per kilogram

- = compound not detected

SB = site background metal levels for eastern USA in mg/kg

RSCO = Recommended Soil Cleanup Objectives pursuant to NYSDEC Technical and Administrative Guidance Memorandum (TAGM) #4046 "Determination of Soil Cleanup Objectives and Cleanup Levels".

Values in bold exceed the RSCO.

*Background levels for lead vary widely. Average levels in undeveloped, rural areas may range from 4 – 61 parts per million (ppm). Average background levels in metropolitan or suburban areas or near highways are much higher and typically range from 200 – 500 ppm.

J – Indicates an estimated value. The concentration reported was detected below the Method Detection Limit (MDL).

Y- The concentration reported was detected above the MDL, but below the lowest calibration constant standard.

B- The Analyte was found in the associated method blank as well as the sample.

4.0 EVALUATION OF RESULTS

The soil laboratory analytical results were evaluated in accordance with the New York State Department of Environmental Conservation (NYSDEC) Technical and Administrative Guidance Memorandum (TAGM) #4046 "Determination of Soil Cleanup Objectives and Cleanup Levels".

Volatile organic compounds (VOCs) were identified in TP-3. VOCs were not detected over the NYSDEC Recommended Soil Cleanup Objectives (RSCO).

Semi-volatile organic compounds (SVOCs) were identified in all of the soil samples. SVOCs were not detected above the NYSDEC RSCO in any of the soil samples.

The TAGM metals lead, zinc, mercury, copper, cadmium, and arsenic were detected above the Recommended Soil Cleanup Objectives in all of the soil samples collected for analysis.

Pesticides were identified in all of the soil samples. Pesticides were not detected above the NYSDEC RSCO in any of the soil samples.

TCLP metals were identified in all of the soil samples. TCLP metals were detected above the regulatory threshold for hazardous wastes in TP-3 (lead).

PCB compounds were not detected in any of the soil samples.

5.0 CONCLUSIONS

Galli Engineering, P.C. has prepared this Phase II report on behalf of Tom Stachecki to establish current conditions of soils on site, which have reportedly been impacted due to the past uses of the subject property. Specifically, this report is intended to provide information in terms of the absence or presence of volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), TAGM metals, pesticides, polychlorinated biphenyls (PCBs) and TCLP contaminants at the locations and depths tested.

Based on the field activities and analytical data, the following areas of concern were identified:

- Soils on site have been impacted by TAGM Metals and TCLP metals.
- The soil contamination was greatest in TP-9 with levels of lead exceeding Hazardous Standards, title 40, part 260.
- The TAGM metals lead, arsenic, barium, cadmium, calcium, copper, zinc and mercury were detected above the RSCO in TP-3, TP-9, TP-13, TP-17 and TP-20.

6.0 RECOMMENDATIONS

The fill materials from the test pits exhibit elevated levels of heavy metals commonly found in abandoned landfills. The fill materials also contained buried debris and rubble. This fill material needs to be removed and disposed of as contaminated soil or as landfill cover, as suitable or capped as a solid waste landfill in conformance with the requirements set forth in NYS Part 360 regulations. Screening of rubble and debris may be considered. Removal and disposal of this source material or capping as a landfill will result in an environmentally acceptable site.

A protocol will be prepared and submitted to address the handling and removal and disposal of the on-site materials.

GALLI ENGINEERING, P.C.

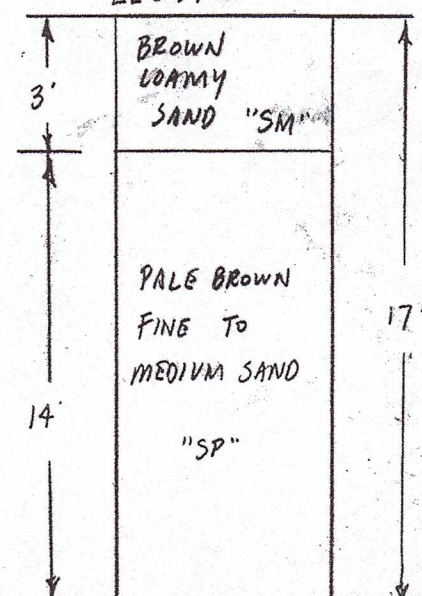
Richard D. Galli
President

Date

APPENDICES

Appendix A

Site Layout Figure with Test Pit Locations

TEST HOLE
EL = 57'±

SUFFOLK COUNTY TAX MAP
DISTRICT : 0900
SECTION : 078.00
BLOCK : 01.00
PARCEL : 020.001 & 031.001

SITE DATA:

AREA OF SITE = 20.135 AC.
ZONING = R-60
PRESENT USE = VACANT
PROPOSED USE = AGRICULTURAL BLD'G (8,640 S.F.)

NOTE:
CONTOURS AS SCALED FROM S.C.D.P.W.
TOPO MAPS OF FIVE EASTERN TOWNS.

REVISION OF ADDITION TO
THE SURVEY MAP NOT BEARING THE
SURVEYOR'S SEAL OR SIGNATURE
SHALL BE CONSIDERED TO BE A VIOLATION
OF SECTION 2 OF THE NEW YORK
SURVEYING LAW.

REVISED: JUNE 27, 2001 (KEY MAP, SCALE)
REVISED: MAY 8, 2001 (PROPOSED FENCE)
REVISED: JAN 29, 2001 (S.C.H.D. PLAT PLAN)
SURVEYED: OCT. 5, 1999



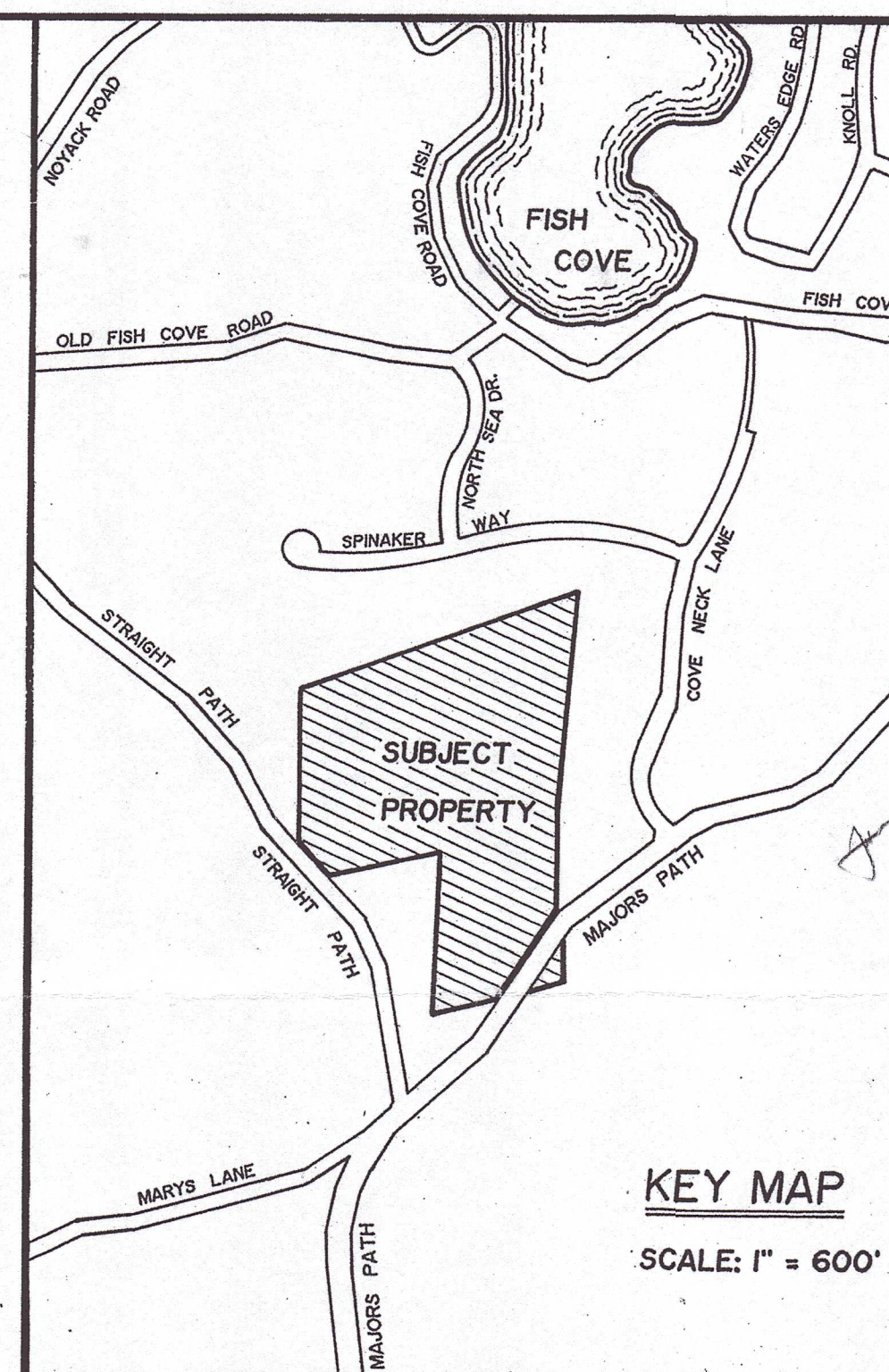
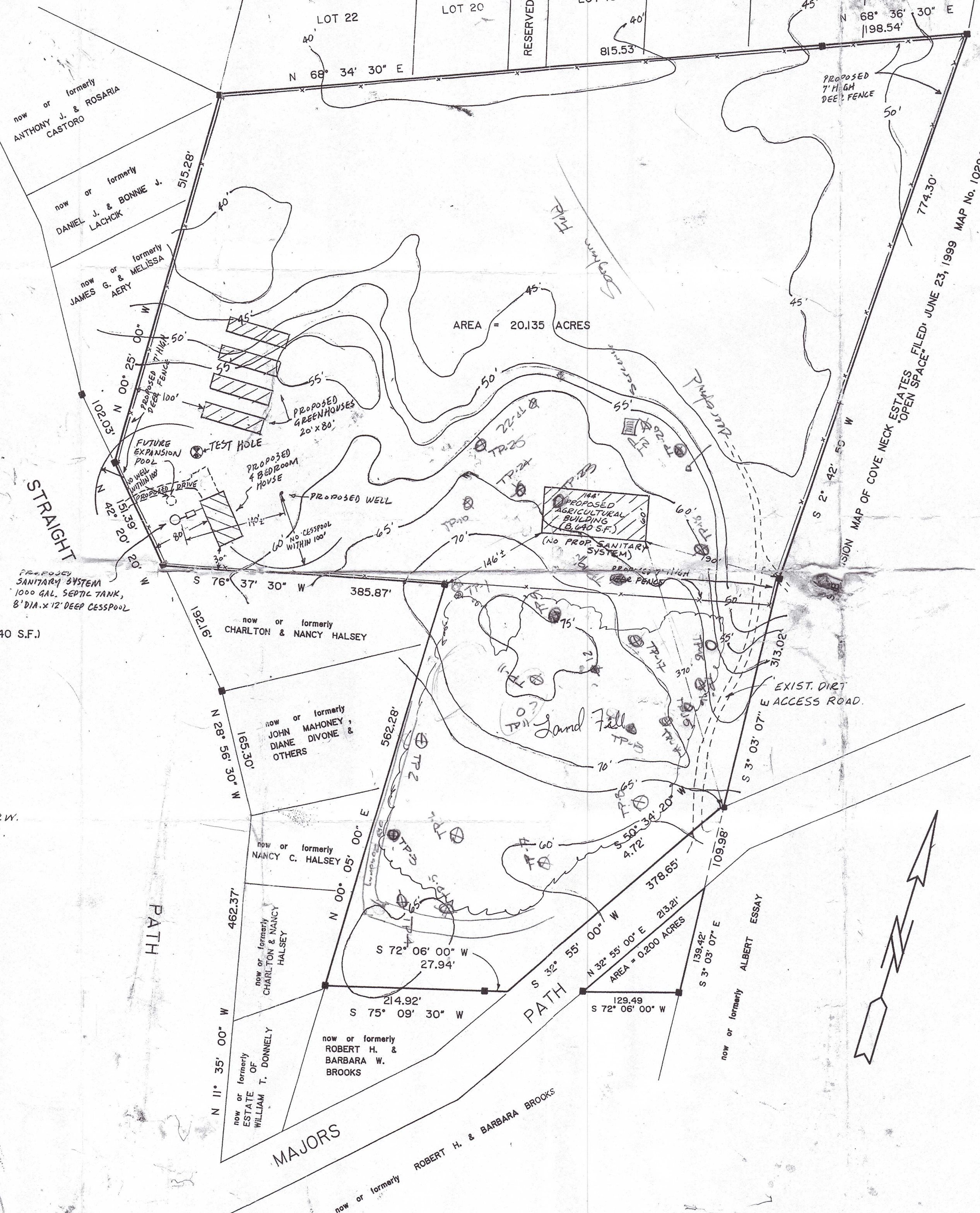
KARL W. WEISENBACHER L.S. NO. 36195

SQUIRES, HOLDEN, WEISENBACHER & SMITH
LAND SURVEYORS - ENGINEERS
SOUTHAMPTON - NEW YORK

PLACEMENT OF PROPOSED STRUCTURES SHOWN
HEREON MAY BE SUBJECT TO LIMITATIONS
CAUSED BY ENVIRONMENTAL CONDITIONS, ON-
SITE, AND OFF-SITE CONDITIONS, EASEMENTS,
GOVERNMENT, AND RESTRICTIONS OF RECORD AND
SUBJECT TO VERIFICATION BY GOVERNMENTAL
AGENCIES HAVING JURISDICTION.

■ DENOTES MONUMENT

SUBDIVISION MAP OF COVE NECK ESTATES FILED: JUNE 23, 1999 MAP No. 10294



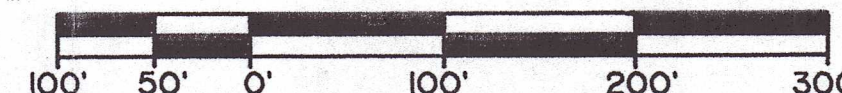
KEY MAP

SCALE: 1" = 600'

SITE PLAN
FOR
THOMAS STACHECKI
SITUATE
NORTH SEA

TOWN OF SOUTHAMPTON
SUFFOLK COUNTY, N.Y.

TOTAL AREA = 20.335 AC.
SCALE: 1" = 100'



NOTE: BEARING SYSTEM USED FOR THIS SURVEY IS
THE SAME AS USED FOR HOWARD ENTERPRISES, INC.
(PROPOSED MAP OF COVE NECK ESTATES)

Appendix B

Laboratory Analytical Reports

Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

03/01/2007

Laboratory Identifier: 0702325

Received: 02/22/2007 16:22

Sampled by: Micheal Tavakolian

Client: Galli Engineering, PC

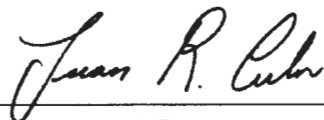
734 Walt Whitman Road
Melville,
NY 11747

Project: 1205 Major Paths

North Sea
South Hamptons,
NY

Manager: Mike Tavakolian

Respectfully submitted,



Technical Director

NYS Lab ID # 10969
NJ Cert. # 73812
CT Cert. # PH0645
MA Cert. # NY061
PA Cert. # 68-535
NH Cert. # 252592-BA
RI Cert. # 161

The information contained in this report is confidential and intended only for the use of the client listed above. This report shall not be reproduced, except in full, without the written consent of Environmental Testing Laboratories, Inc. Analytical results relate to the samples AS RECEIVED BY THE LABORATORY.



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

03/01/2007

TAGM Volatile Compounds by SW 846 8260

Sample: 0702325-1

Client Sample ID: TP-3

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 02/27/2007

Type: Composite

Collected: 02/21/2007 10:45

% Solid: 73.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2284-7961	0.0069	0.0069	mg/Kg	U
71-43-2	Benzene	B2284-7961	0.00068	0.00068	mg/Kg	U
78-93-3	2-Butanone	B2284-7961	0.0043	0.0043	mg/Kg	U
75-15-0	Carbon disulfide	B2284-7961	0.0017	0.0017	mg/Kg	U
56-23-5	Carbon tetrachloride	B2284-7961	0.00078	0.00078	mg/Kg	U
108-90-7	Chlorobenzene	B2284-7961	0.00069	0.00069	mg/Kg	U
75-00-3	Chloroethane	B2284-7961	0.0017	0.0017	mg/Kg	U
67-66-3	Chloroform	B2284-7961	0.00064	0.00064	mg/Kg	U
124-48-1	Dibromochloromethane	B2284-7961	0.00098	0.00098	mg/Kg	U
95-50-1	1,2-Dichlorobenzene	B2284-7961	0.0016	0.0016	mg/Kg	U
541-73-1	1,3-Dichlorobenzene	B2284-7961	0.0013	0.0013	mg/Kg	U
106-46-7	1,4-Dichlorobenzene	B2284-7961	0.0014	0.0014	mg/Kg	U
75-34-3	1,1-Dichloroethane	B2284-7961	0.00060	0.00060	mg/Kg	U
107-06-2	1,2-Dichloroethane	B2284-7961	0.00078	0.00078	mg/Kg	U
75-35-4	1,1-Dichloroethene	B2284-7961	0.00094	0.00094	mg/Kg	U
156-60-5	trans-1,2-Dichloroethene	B2284-7961	0.00057	0.00057	mg/Kg	U
142-28-9	1,3-Dichloropropane	B2284-7961	0.00073	0.00073	mg/Kg	U
100-41-4	Ethylbenzene	B2284-7961	0.00058	0.00058	mg/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2284-7961	0.0010	0.0010	mg/Kg	U
75-09-2	Methylene chloride	B2284-7961	0.0012	0.0012	mg/Kg	U
108-10-1	4-Methyl-2-pentanone	B2284-7961	0.0026	0.0026	mg/Kg	U
127-18-4	Tetrachloroethene	B2284-7961	0.00079	0.00079	mg/Kg	U
71-55-6	1,1,1-Trichloroethane	B2284-7961	0.00068	0.00068	mg/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2284-7961	0.0019	0.0019	mg/Kg	U
96-18-4	1,2,3-Trichloropropane	B2284-7961	0.0027	0.0027	mg/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2284-7961	0.0014	0.0014	mg/Kg	U
108-88-3	Toluene	B2284-7961	0.00052	0.00084	mg/Kg	Y
79-01-6	Trichloroethene	B2284-7961	0.00049	0.00049	mg/Kg	U
75-01-4	Vinylchloride	B2284-7961	0.00080	0.00080	mg/Kg	U
1330-20-7	Xylenes	B2284-7961	0.0012	0.0011	mg/Kg	J
104-51-8	n-Butylbenzene	B2284-7961	0.0012	0.0012	mg/Kg	U
135-98-8	sec-Butylbenzene	B2284-7961	0.0011	0.0011	mg/Kg	U



Environmental Testing Laboratories, Inc.

208 Route 109, Farmingdale NY 11735
Phone - 631-249-1456 Fax - 631-249-8344

03/01/2007

TAGM Volatile Compounds by SW 846 8260

Sample: 0702325-1

Client Sample ID: TP-3

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 02/27/2007

Type: Composite

Collected: 02/21/2007 10:45

% Solid: 73.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
98-82-8	Isopropylbenzene	B2284-7961	0.00086	0.00086	mg/Kg	U
99-87-6	p-Isopropyltoluene	B2284-7961	0.0011	0.0011	mg/Kg	U
1634-04-4	Methyl t-butyl ether	B2284-7961	0.00068	0.00068	mg/Kg	U
103-65-1	n-Propylbenzene	B2284-7961	0.00098	0.00098	mg/Kg	U
95-63-6	1,2,4-Trimethylbenzene	B2284-7961	0.0013	0.0013	mg/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2284-7961	0.0011	0.0011	mg/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	B2284-7961	98.8 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2284-7961	98.4 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2284-7961	98.1 %	(89 - 113)	



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03/01/2007

TAGM Volatile Compounds by SW 846 8260

Sample: 0702325-2

Client Sample ID: TP-9

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 02/24/2007

Type: Composite

Collected: 02/21/2007 11:20

% Solid: 77.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2283-7944	0.0066	0.0066	mg/Kg	U
71-43-2	Benzene	B2283-7944	0.00065	0.00065	mg/Kg	U
78-93-3	2-Butanone	B2283-7944	0.0041	0.0041	mg/Kg	U
75-15-0	Carbon disulfide	B2283-7944	0.0016	0.0016	mg/Kg	U
56-23-5	Carbon tetrachloride	B2283-7944	0.00074	0.00074	mg/Kg	U
108-90-7	Chlorobenzene	B2283-7944	0.00066	0.00066	mg/Kg	U
75-00-3	Chloroethane	B2283-7944	0.0017	0.0017	mg/Kg	U
67-66-3	Chloroform	B2283-7944	0.00061	0.00061	mg/Kg	U
124-48-1	Dibromochloromethane	B2283-7944	0.00094	0.00094	mg/Kg	U
95-50-1	1,2-Dichlorobenzene	B2283-7944	0.0015	0.0015	mg/Kg	U
541-73-1	1,3-Dichlorobenzene	B2283-7944	0.0013	0.0013	mg/Kg	U
106-46-7	1,4-Dichlorobenzene	B2283-7944	0.0013	0.0013	mg/Kg	U
75-34-3	1,1-Dichloroethane	B2283-7944	0.00057	0.00057	mg/Kg	U
107-06-2	1,2-Dichloroethane	B2283-7944	0.00074	0.00074	mg/Kg	U
75-35-4	1,1-Dichloroethene	B2283-7944	0.00090	0.00090	mg/Kg	U
156-60-5	trans-1,2-Dichloroethene	B2283-7944	0.00055	0.00055	mg/Kg	U
142-28-9	1,3-Dichloropropane	B2283-7944	0.00070	0.00070	mg/Kg	U
100-41-4	Ethylbenzene	B2283-7944	0.00056	0.00056	mg/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2283-7944	0.00096	0.00096	mg/Kg	U
75-09-2	Methylene chloride	B2283-7944	0.0011	0.0011	mg/Kg	U
108-10-1	4-Methyl-2-pentanone	B2283-7944	0.0025	0.0025	mg/Kg	U
127-18-4	Tetrachloroethene	B2283-7944	0.00075	0.00075	mg/Kg	U
71-55-6	1,1,1-Trichloroethane	B2283-7944	0.00065	0.00065	mg/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2283-7944	0.0019	0.0019	mg/Kg	U
96-18-4	1,2,3-Trichloropropane	B2283-7944	0.0026	0.0026	mg/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2283-7944	0.0013	0.0013	mg/Kg	U
108-88-3	Toluene	B2283-7944	0.00049	0.00049	mg/Kg	U
79-01-6	Trichloroethene	B2283-7944	0.00047	0.00047	mg/Kg	U
75-01-4	Vinylchloride	B2283-7944	0.00077	0.00077	mg/Kg	U
1330-20-7	Xylenes	B2283-7944	0.0011	0.0011	mg/Kg	U
104-51-8	n-Butylbenzene	B2283-7944	0.0012	0.0012	mg/Kg	U
135-98-8	sec-Butylbenzene	B2283-7944	0.0011	0.0011	mg/Kg	U



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03/01/2007

TAGM Volatile Compounds by SW 846 8260

Sample: 0702325-2

Client Sample ID: TP-9

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 02/24/2007

Type: Composite

Collected: 02/21/2007 11:20

% Solid: 77.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
98-82-8	Isopropylbenzene	B2283-7944	0.00082	0.00082	mg/Kg	U
99-87-6	p-Isopropyltoluene	B2283-7944	0.0010	0.0010	mg/Kg	U
1634-04-4	Methyl t-butyl ether	B2283-7944	0.00065	0.00065	mg/Kg	U
103-65-1	n-Propylbenzene	B2283-7944	0.00094	0.00094	mg/Kg	U
95-63-6	1,2,4-Trimethylbenzene	B2283-7944	0.0012	0.0012	mg/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2283-7944	0.0011	0.0011	mg/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	B2283-7944	101.0 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2283-7944	98.0 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2283-7944	98.2 %	(89 - 113)	



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03/01/2007

TAGM Volatile Compounds by SW 846 8260

Sample: 0702325-3

Client Sample ID: TP-12

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 02/24/2007

Type: Composite

Collected: 02/21/2007 12:45

% Solid: 76.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2283-7945	0.0066	0.0066	mg/Kg	U
71-43-2	Benzene	B2283-7945	0.00065	0.00065	mg/Kg	U
78-93-3	2-Butanone	B2283-7945	0.0041	0.0041	mg/Kg	U
75-15-0	Carbon disulfide	B2283-7945	0.0016	0.0016	mg/Kg	U
56-23-5	Carbon tetrachloride	B2283-7945	0.00075	0.00075	mg/Kg	U
108-90-7	Chlorobenzene	B2283-7945	0.00067	0.00067	mg/Kg	U
75-00-3	Chloroethane	B2283-7945	0.0017	0.0017	mg/Kg	U
67-66-3	Chloroform	B2283-7945	0.00062	0.00062	mg/Kg	U
124-48-1	Dibromochloromethane	B2283-7945	0.00094	0.00094	mg/Kg	U
95-50-1	1,2-Dichlorobenzene	B2283-7945	0.0015	0.0015	mg/Kg	U
541-73-1	1,3-Dichlorobenzene	B2283-7945	0.0013	0.0013	mg/Kg	U
106-46-7	1,4-Dichlorobenzene	B2283-7945	0.0013	0.0013	mg/Kg	U
75-34-3	1,1-Dichloroethane	B2283-7945	0.00058	0.00058	mg/Kg	U
107-06-2	1,2-Dichloroethane	B2283-7945	0.00075	0.00075	mg/Kg	U
75-35-4	1,1-Dichloroethene	B2283-7945	0.00090	0.00090	mg/Kg	U
156-60-5	trans-1,2-Dichloroethene	B2283-7945	0.00055	0.00055	mg/Kg	U
142-28-9	1,3-Dichloropropane	B2283-7945	0.00071	0.00071	mg/Kg	U
100-41-4	Ethylbenzene	B2283-7945	0.00056	0.00056	mg/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2283-7945	0.00097	0.00097	mg/Kg	U
75-09-2	Methylene chloride	B2283-7945	0.0011	0.0011	mg/Kg	U
108-10-1	4-Methyl-2-pentanone	B2283-7945	0.0025	0.0025	mg/Kg	U
127-18-4	Tetrachloroethene	B2283-7945	0.00076	0.00076	mg/Kg	U
71-55-6	1,1,1-Trichloroethane	B2283-7945	0.00065	0.00065	mg/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2283-7945	0.0019	0.0019	mg/Kg	U
96-18-4	1,2,3-Trichloropropane	B2283-7945	0.0026	0.0026	mg/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2283-7945	0.0013	0.0013	mg/Kg	U
108-88-3	Toluene	B2283-7945	0.00050	0.00050	mg/Kg	U
79-01-6	Trichloroethene	B2283-7945	0.00047	0.00047	mg/Kg	U
75-01-4	Vinylchloride	B2283-7945	0.00077	0.00077	mg/Kg	U
1330-20-7	Xylenes	B2283-7945	0.0012	0.0012	mg/Kg	U
104-51-8	n-Butylbenzene	B2283-7945	0.0012	0.0012	mg/Kg	U
135-98-8	sec-Butylbenzene	B2283-7945	0.0011	0.0011	mg/Kg	U



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03/01/2007

TAGM Volatile Compounds by SW 846 8260

Sample: 0702325-3

Client Sample ID: TP-12

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 02/24/2007

Type: Composite

Collected: 02/21/2007 12:45

% Solid: 76.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
98-82-8	Isopropylbenzene	B2283-7945	0.00083	0.00083	mg/Kg	U
99-87-6	p-Isopropyltoluene	B2283-7945	0.0010	0.0010	mg/Kg	U
1634-04-4	Methyl t-butyl ether	B2283-7945	0.00065	0.00065	mg/Kg	U
103-65-1	n-Propylbenzene	B2283-7945	0.00094	0.00094	mg/Kg	U
95-63-6	1,2,4-Trimethylbenzene	B2283-7945	0.0012	0.0012	mg/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2283-7945	0.0011	0.0011	mg/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	B2283-7945	99.6 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2283-7945	97.9 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2283-7945	97.4 %	(89 - 113)	



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03/01/2007

TAGM Volatile Compounds by SW 846 8260

Sample: 0702325-4

Client Sample ID: TP-13

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 02/24/2007

Type: Composite

Collected: 02/21/2007 13:00

% Solid: 84.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2283-7946	0.0060	0.0060	mg/Kg	U
71-43-2	Benzene	B2283-7946	0.00060	0.00060	mg/Kg	U
78-93-3	2-Butanone	B2283-7946	0.0038	0.0038	mg/Kg	U
75-15-0	Carbon disulfide	B2283-7946	0.0015	0.0015	mg/Kg	U
56-23-5	Carbon tetrachloride	B2283-7946	0.00068	0.00068	mg/Kg	U
108-90-7	Chlorobenzene	B2283-7946	0.00061	0.00061	mg/Kg	U
75-00-3	Chloroethane	B2283-7946	0.0015	0.0015	mg/Kg	U
67-66-3	Chloroform	B2283-7946	0.00056	0.00056	mg/Kg	U
124-48-1	Dibromochloromethane	B2283-7946	0.00086	0.00086	mg/Kg	U
95-50-1	1,2-Dichlorobenzene	B2283-7946	0.0014	0.0014	mg/Kg	U
541-73-1	1,3-Dichlorobenzene	B2283-7946	0.0012	0.0012	mg/Kg	U
106-46-7	1,4-Dichlorobenzene	B2283-7946	0.0012	0.0012	mg/Kg	U
75-34-3	1,1-Dichloroethane	B2283-7946	0.00052	0.00052	mg/Kg	U
107-06-2	1,2-Dichloroethane	B2283-7946	0.00068	0.00068	mg/Kg	U
75-35-4	1,1-Dichloroethene	B2283-7946	0.00082	0.00082	mg/Kg	U
156-60-5	trans-1,2-Dichloroethene	B2283-7946	0.00050	0.00050	mg/Kg	U
142-28-9	1,3-Dichloropropane	B2283-7946	0.00064	0.00064	mg/Kg	U
100-41-4	Ethylbenzene	B2283-7946	0.00051	0.00051	mg/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2283-7946	0.00088	0.00088	mg/Kg	U
75-09-2	Methylene chloride	B2283-7946	0.0010	0.0010	mg/Kg	U
108-10-1	4-Methyl-2-pentanone	B2283-7946	0.0023	0.0023	mg/Kg	U
127-18-4	Tetrachloroethene	B2283-7946	0.00069	0.00069	mg/Kg	U
71-55-6	1,1,1-Trichloroethane	B2283-7946	0.00060	0.00060	mg/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2283-7946	0.0017	0.0017	mg/Kg	U
96-18-4	1,2,3-Trichloropropane	B2283-7946	0.0024	0.0024	mg/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2283-7946	0.0012	0.0012	mg/Kg	U
108-88-3	Toluene	B2283-7946	0.00045	0.00045	mg/Kg	U
79-01-6	Trichloroethene	B2283-7946	0.00043	0.00043	mg/Kg	U
75-01-4	Vinylchloride	B2283-7946	0.00070	0.00070	mg/Kg	U
1330-20-7	Xylenes	B2283-7946	0.0010	0.0010	mg/Kg	U
104-51-8	n-Butylbenzene	B2283-7946	0.0011	0.0011	mg/Kg	U
135-98-8	sec-Butylbenzene	B2283-7946	0.00099	0.00099	mg/Kg	U



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03/01/2007

TAGM Volatile Compounds by SW 846 8260

Sample: 0702325-4

Client Sample ID: TP-13

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 02/24/2007

Type: Composite

Collected: 02/21/2007 13:00

% Solid: 84.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
98-82-8	Isopropylbenzene	B2283-7946	0.00075	0.00075	mg/Kg	U
99-87-6	p-Isopropyltoluene	B2283-7946	0.00094	0.00094	mg/Kg	U
1634-04-4	Methyl t-butyl ether	B2283-7946	0.00060	0.00060	mg/Kg	U
103-65-1	n-Propylbenzene	B2283-7946	0.00086	0.00086	mg/Kg	U
95-63-6	1,2,4-Trimethylbenzene	B2283-7946	0.0011	0.0011	mg/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2283-7946	0.00098	0.00098	mg/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	B2283-7946	97.3 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2283-7946	99.6 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2283-7946	96.6 %	(89 - 113)	



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03/01/2007

TAGM Volatile Compounds by SW 846 8260

Sample: 0702325-5

Client Sample ID: TP-17

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 02/24/2007

Type: Composite

Collected: 02/21/2007 13:40

% Solid: 81.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2283-7947	0.0062	0.0062	mg/Kg	U
71-43-2	Benzene	B2283-7947	0.00062	0.00062	mg/Kg	U
78-93-3	2-Butanone	B2283-7947	0.0039	0.0039	mg/Kg	U
75-15-0	Carbon disulfide	B2283-7947	0.0015	0.0015	mg/Kg	U
56-23-5	Carbon tetrachloride	B2283-7947	0.00070	0.00070	mg/Kg	U
108-90-7	Chlorobenzene	B2283-7947	0.00063	0.00063	mg/Kg	U
75-00-3	Chloroethane	B2283-7947	0.0016	0.0016	mg/Kg	U
67-66-3	Chloroform	B2283-7947	0.00058	0.00058	mg/Kg	U
124-48-1	Dibromochloromethane	B2283-7947	0.00089	0.00089	mg/Kg	U
95-50-1	1,2-Dichlorobenzene	B2283-7947	0.0015	0.0015	mg/Kg	U
541-73-1	1,3-Dichlorobenzene	B2283-7947	0.0012	0.0012	mg/Kg	U
106-46-7	1,4-Dichlorobenzene	B2283-7947	0.0013	0.0013	mg/Kg	U
75-34-3	1,1-Dichloroethane	B2283-7947	0.00054	0.00054	mg/Kg	U
107-06-2	1,2-Dichloroethane	B2283-7947	0.00070	0.00070	mg/Kg	U
75-35-4	1,1-Dichloroethene	B2283-7947	0.00085	0.00085	mg/Kg	U
156-60-5	trans-1,2-Dichloroethene	B2283-7947	0.00052	0.00052	mg/Kg	U
142-28-9	1,3-Dichloropropane	B2283-7947	0.00066	0.00066	mg/Kg	U
100-41-4	Ethylbenzene	B2283-7947	0.00053	0.00053	mg/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2283-7947	0.00091	0.00091	mg/Kg	U
75-09-2	Methylene chloride	B2283-7947	0.0010	0.0010	mg/Kg	U
108-10-1	4-Methyl-2-pentanone	B2283-7947	0.0024	0.0024	mg/Kg	U
127-18-4	Tetrachloroethene	B2283-7947	0.00071	0.00071	mg/Kg	U
71-55-6	1,1,1-Trichloroethane	B2283-7947	0.00062	0.00062	mg/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2283-7947	0.0018	0.0018	mg/Kg	U
96-18-4	1,2,3-Trichloropropane	B2283-7947	0.0025	0.0025	mg/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2283-7947	0.0012	0.0012	mg/Kg	U
108-88-3	Toluene	B2283-7947	0.00047	0.00047	mg/Kg	U
79-01-6	Trichloroethene	B2283-7947	0.00044	0.00044	mg/Kg	U
75-01-4	Vinylchloride	B2283-7947	0.00073	0.00073	mg/Kg	U
1330-20-7	Xylenes	B2283-7947	0.0011	0.0011	mg/Kg	U
104-51-8	n-Butylbenzene	B2283-7947	0.0011	0.0011	mg/Kg	U
135-98-8	sec-Butylbenzene	B2283-7947	0.0010	0.0010	mg/Kg	U



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03/01/2007

TAGM Volatile Compounds by SW 846 8260

Sample: 0702325-5

Client Sample ID: TP-17

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 02/24/2007

Type: Composite

Collected: 02/21/2007 13:40

% Solid: 81.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
98-82-8	Isopropylbenzene	B2283-7947	0.00077	0.00077	mg/Kg	U
99-87-6	p-Isopropyltoluene	B2283-7947	0.00097	0.00097	mg/Kg	U
1634-04-4	Methyl t-butyl ether	B2283-7947	0.00062	0.00062	mg/Kg	U
103-65-1	n-Propylbenzene	B2283-7947	0.00089	0.00089	mg/Kg	U
95-63-6	1,2,4-Trimethylbenzene	B2283-7947	0.0012	0.0012	mg/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2283-7947	0.0010	0.0010	mg/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	B2283-7947	98.7 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2283-7947	98.0 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2283-7947	96.7 %	(89 - 113)	



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03/01/2007

TAGM Volatile Compounds by SW 846 8260

Sample: 0702325-6

Client Sample ID: TP-20

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 02/24/2007

Type: Composite

Collected: 02/21/2007 14:40

% Solid: 93.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
67-64-1	Acetone	B2283-7948	0.0054	0.0054	mg/Kg	U
71-43-2	Benzene	B2283-7948	0.00053	0.00053	mg/Kg	U
78-93-3	2-Butanone	B2283-7948	0.0034	0.0034	mg/Kg	U
75-15-0	Carbon disulfide	B2283-7948	0.0013	0.0013	mg/Kg	U
56-23-5	Carbon tetrachloride	B2283-7948	0.00061	0.00061	mg/Kg	U
108-90-7	Chlorobenzene	B2283-7948	0.00055	0.00055	mg/Kg	U
75-00-3	Chloroethane	B2283-7948	0.0014	0.0014	mg/Kg	U
67-66-3	Chloroform	B2283-7948	0.00050	0.00050	mg/Kg	U
124-48-1	Dibromochloromethane	B2283-7948	0.00077	0.00077	mg/Kg	U
95-50-1	1,2-Dichlorobenzene	B2283-7948	0.0013	0.0013	mg/Kg	U
541-73-1	1,3-Dichlorobenzene	B2283-7948	0.0011	0.0011	mg/Kg	U
106-46-7	1,4-Dichlorobenzene	B2283-7948	0.0011	0.0011	mg/Kg	U
75-34-3	1,1-Dichloroethane	B2283-7948	0.00047	0.00047	mg/Kg	U
107-06-2	1,2-Dichloroethane	B2283-7948	0.00061	0.00061	mg/Kg	U
75-35-4	1,1-Dichloroethene	B2283-7948	0.00074	0.00074	mg/Kg	U
156-60-5	trans-1,2-Dichloroethene	B2283-7948	0.00045	0.00045	mg/Kg	U
142-28-9	1,3-Dichloropropane	B2283-7948	0.00058	0.00058	mg/Kg	U
100-41-4	Ethylbenzene	B2283-7948	0.00046	0.00046	mg/Kg	U
76-13-1	1,1,2-Trichlorotrifluoroethane	B2283-7948	0.00079	0.00079	mg/Kg	U
75-09-2	Methylene chloride	B2283-7948	0.00091	0.00091	mg/Kg	U
108-10-1	4-Methyl-2-pentanone	B2283-7948	0.0021	0.0021	mg/Kg	U
127-18-4	Tetrachloroethene	B2283-7948	0.00062	0.00062	mg/Kg	U
71-55-6	1,1,1-Trichloroethane	B2283-7948	0.00053	0.00053	mg/Kg	U
79-34-5	1,1,2,2-Tetrachloroethane	B2283-7948	0.0015	0.0015	mg/Kg	U
96-18-4	1,2,3-Trichloropropane	B2283-7948	0.0022	0.0022	mg/Kg	U
120-82-1	1,2,4-Trichlorobenzene	B2283-7948	0.0011	0.0011	mg/Kg	U
108-88-3	Toluene	B2283-7948	0.00041	0.00041	mg/Kg	U
79-01-6	Trichloroethene	B2283-7948	0.00039	0.00039	mg/Kg	U
75-01-4	Vinylchloride	B2283-7948	0.00063	0.00063	mg/Kg	U
1330-20-7	Xylenes	B2283-7948	0.00094	0.00094	mg/Kg	U
104-51-8	n-Butylbenzene	B2283-7948	0.00095	0.00095	mg/Kg	U
135-98-8	sec-Butylbenzene	B2283-7948	0.00089	0.00089	mg/Kg	U



Environmental Testing Laboratories, Inc.

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03/01/2007

TAGM Volatile Compounds by SW 846 8260

Sample: 0702325-6

Client Sample ID: TP-20

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 02/24/2007

Type: Composite

Collected: 02/21/2007 14:40

% Solid: 93.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
98-82-8	Isopropylbenzene	B2283-7948	0.00067	0.00067	mg/Kg	U
99-87-6	p-Isopropyltoluene	B2283-7948	0.00085	0.00085	mg/Kg	U
1634-04-4	Methyl t-butyl ether	B2283-7948	0.00053	0.00053	mg/Kg	U
103-65-1	n-Propylbenzene	B2283-7948	0.00077	0.00077	mg/Kg	U
95-63-6	1,2,4-Trimethylbenzene	B2283-7948	0.0010	0.0010	mg/Kg	U
108-67-8	1,3,5-Trimethylbenzene	B2283-7948	0.00088	0.00088	mg/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	B2283-7948	98.6 %	(80 - 110)	
4774-33-8	DIBROMOFLUOROMETHANE	B2283-7948	99.1 %	(68 - 156)	
2037-26-5	TOLUENE-D8	B2283-7948	98.1 %	(89 - 113)	



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03/01/2007

TCLP Volatile Compounds - EPA 8260B

Sample: 0702325-1

Client Sample ID: TP-3

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 02/28/2007

Preparation Date(s) : 02/26/2007

Type: Composite

Collected: 02/21/2007 10:45

% Solid: 73.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C2501-1824	0.0070	0.0070	mg/L	U
74-87-3	Chloromethane	C2501-1824	0.0075	0.0075	mg/L	U
75-01-4	Vinyl Chloride	C2501-1824	0.0073	0.0073	mg/L	U
74-83-9	Bromomethane	C2501-1824	0.0089	0.0089	mg/L	U
75-00-3	Chloroethane	C2501-1824	0.013	0.013	mg/L	U
75-69-4	Trichlorofluoromethane	C2501-1824	0.0069	0.0069	mg/L	U
75-35-4	1,1-Dichloroethene	C2501-1824	0.0078	0.0078	mg/L	U
75-09-2	Methylene Chloride	C2501-1824	0.0079	0.0079	mg/L	U
156-60-5	t-1,2-Dichloroethene	C2501-1824	0.0067	0.0067	mg/L	U
75-34-3	1,1-Dichloroethane	C2501-1824	0.0078	0.0078	mg/L	U
590-20-7	2,2-Dichloropropane	C2501-1824	0.0049	0.0049	mg/L	U
156-59-2	c-1,2-Dichloroethene	C2501-1824	0.0068	0.0068	mg/L	U
67-66-3	Chloroform	C2501-1824	0.0076	0.0076	mg/L	U
74-97-5	Bromochloromethane	C2501-1824	0.0069	0.0069	mg/L	U
71-55-6	1,1,1-Trichloroethane	C2501-1824	0.0072	0.0072	mg/L	U
563-58-6	1,1-Dichloropropene	C2501-1824	0.0069	0.0069	mg/L	U
56-23-5	Carbon Tetrachloride	C2501-1824	0.0068	0.0068	mg/L	U
107-06-2	1,2-Dichloroethane	C2501-1824	0.0070	0.0070	mg/L	U
71-43-2	Benzene	C2501-1824	0.0073	0.0073	mg/L	U
79-01-6	Trichloroethene	C2501-1824	0.0069	0.0069	mg/L	U
78-87-5	1,2-Dichloropropane	C2501-1824	0.0065	0.0065	mg/L	U
75-27-4	Bromodichloromethane	C2501-1824	0.0067	0.0067	mg/L	U
74-95-3	Dibromomethane	C2501-1824	0.0069	0.0069	mg/L	U
10061-01-5	c-1,3-Dichloropropene	C2501-1824	0.0053	0.0053	mg/L	U
108-88-3	Toluene	C2501-1824	0.0055	0.0055	mg/L	U
10061-02-6	t-1,3-Dichloropropene	C2501-1824	0.0064	0.0064	mg/L	U
79-00-5	1,1,2-Trichloroethane	C2501-1824	0.0086	0.0086	mg/L	U
142-28-9	1,3-Dichloropropane	C2501-1824	0.0066	0.0066	mg/L	U
127-18-4	Tetrachloroethene	C2501-1824	0.0063	0.0063	mg/L	U
124-48-1	Dibromochloromethane	C2501-1824	0.0068	0.0068	mg/L	U
106-93-4	1,2-Dibromoethane	C2501-1824	0.0071	0.0071	mg/L	U
108-90-7	Chlorobenzene	C2501-1824	0.0070	0.0070	mg/L	U



Environmental Testing Laboratories, Inc.

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Phone - 631-249-1456 Fax - 631-249-8344

03/01/2007

TCLP Volatile Compounds - EPA 8260B

Sample: 0702325-1

Client Sample ID: TP-3

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 02/28/2007

Preparation Date(s) : 02/26/2007

Type: Composite

Collected: 02/21/2007 10:45

% Solid: 73.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	C2501-1824	0.0068	0.0068	mg/L	U
100-41-4	Ethylbenzene	C2501-1824	0.0070	0.0070	mg/L	U
108-38-3	m,p-xylene	C2501-1824	0.012	0.012	mg/L	U
95-47-6	o-xylene	C2501-1824	0.0068	0.0068	mg/L	U
100-42-5	Styrene	C2501-1824	0.0060	0.0060	mg/L	U
98-82-8	Isopropylbenzene	C2501-1824	0.0064	0.0064	mg/L	U
75-25-2	Bromoform	C2501-1824	0.0067	0.0067	mg/L	U
79-34-5	1,1,2,2-Tetrachloroethane	C2501-1824	0.0081	0.0081	mg/L	U
96-18-4	1,2,3-Trichloropropane	C2501-1824	0.011	0.011	mg/L	U
103-65-1	n-Propylbenzene	C2501-1824	0.0064	0.0064	mg/L	U
108-86-1	Bromobenzene	C2501-1824	0.0067	0.0067	mg/L	U
108-67-8	1,3,5-Trimethylbenzene	C2501-1824	0.0056	0.0056	mg/L	U
95-49-8	2-Chlorotoluene	C2501-1824	0.0061	0.0061	mg/L	U
106-43-4	4-Chlorotoluene	C2501-1824	0.0060	0.0060	mg/L	U
99-87-6	4-Isopropyltoluene	C2501-1824	0.0054	0.0054	mg/L	U
95-63-6	1,2,4-Trimethylbenzene	C2501-1824	0.0054	0.0054	mg/L	U
135-98-8	sec-Butylbenzene	C2501-1824	0.0058	0.0058	mg/L	U
98-06-6	tert-Butylbenzene	C2501-1824	0.0056	0.0056	mg/L	U
541-73-1	1,3-Dichlorobenzene	C2501-1824	0.0063	0.0063	mg/L	U
106-46-7	1,4-Dichlorobenzene	C2501-1824	0.0066	0.0066	mg/L	U
104-51-8	n-Butylbenzene	C2501-1824	0.0058	0.0058	mg/L	U
95-50-1	1,2-Dichlorobenzene	C2501-1824	0.0064	0.0064	mg/L	U
96-12-8	1,2-Dibromo-3-chloropropane	C2501-1824	0.0064	0.0064	mg/L	U
120-82-1	1,2,4-Trichlorobenzene	C2501-1824	0.0056	0.0056	mg/L	U
87-68-3	Hexachlorobutadiene	C2501-1824	0.0053	0.0053	mg/L	U
91-20-3	Naphthalene	C2501-1824	0.0062	0.0062	mg/L	U
87-61-6	1,2,3-Trichlorobenzene	C2501-1824	0.0051	0.0051	mg/L	U
78-93-3	2-Butanone	C2501-1824	0.023	0.023	mg/L	U



Environmental Testing Laboratories, Inc.

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Phone - 631-249-1456 Fax - 631-249-8344

03/01/2007

TCLP Volatile Compounds - EPA 8260B

Sample: 0702325-1

Client Sample ID: TP-3

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 02/28/2007

Preparation Date(s) : 02/26/2007

Type: Composite

Collected: 02/21/2007 10:45

% Solid: 73.5%

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C2501-1824	100.0 %	(78 - 112)	
4774-33-8	DIBROMOFLUOROMETHANE	C2501-1824	97.3 %	(69 - 129)	
2037-26-5	TOLUENE-D8	C2501-1824	103.0 %	(90 - 108)	



Environmental Testing Laboratories, Inc.

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03/01/2007

TCLP Volatile Compounds - EPA 8260B

Sample: 0702325-2

Client Sample ID: TP-9

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 02/28/2007

Preparation Date(s) : 02/26/2007

Type: Composite

Collected: 02/21/2007 11:20

% Solid: 77.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C2501-1825	0.0070	0.0070	mg/L	U
74-87-3	Chloromethane	C2501-1825	0.0075	0.0075	mg/L	U
75-01-4	Vinyl Chloride	C2501-1825	0.0073	0.0073	mg/L	U
74-83-9	Bromomethane	C2501-1825	0.0089	0.0089	mg/L	U
75-00-3	Chloroethane	C2501-1825	0.013	0.013	mg/L	U
75-69-4	Trichlorofluoromethane	C2501-1825	0.0069	0.0069	mg/L	U
75-35-4	1,1-Dichloroethene	C2501-1825	0.0078	0.0078	mg/L	U
75-09-2	Methylene Chloride	C2501-1825	0.0079	0.030	mg/L	Y
156-60-5	t-1,2-Dichloroethene	C2501-1825	0.0067	0.0067	mg/L	U
75-34-3	1,1-Dichloroethane	C2501-1825	0.0078	0.0078	mg/L	U
590-20-7	2,2-Dichloropropane	C2501-1825	0.0049	0.0049	mg/L	U
156-59-2	c-1,2-Dichloroethene	C2501-1825	0.0068	0.0068	mg/L	U
67-66-3	Chloroform	C2501-1825	0.0076	0.0076	mg/L	U
74-97-5	Bromochloromethane	C2501-1825	0.0069	0.0069	mg/L	U
71-55-6	1,1,1-Trichloroethane	C2501-1825	0.0072	0.0072	mg/L	U
563-58-6	1,1-Dichloropropene	C2501-1825	0.0069	0.0069	mg/L	U
56-23-5	Carbon Tetrachloride	C2501-1825	0.0068	0.0068	mg/L	U
107-06-2	1,2-Dichloroethane	C2501-1825	0.0070	0.0070	mg/L	U
71-43-2	Benzene	C2501-1825	0.0073	0.0066	mg/L	J
79-01-6	Trichloroethene	C2501-1825	0.0069	0.0069	mg/L	U
78-87-5	1,2-Dichloropropane	C2501-1825	0.0065	0.0065	mg/L	U
75-27-4	Bromodichloromethane	C2501-1825	0.0067	0.0067	mg/L	U
74-95-3	Dibromomethane	C2501-1825	0.0069	0.0069	mg/L	U
10061-01-5	c-1,3-Dichloropropene	C2501-1825	0.0053	0.0053	mg/L	U
108-88-3	Toluene	C2501-1825	0.0055	0.0055	mg/L	U
10061-02-6	t-1,3-Dichloropropene	C2501-1825	0.0064	0.0064	mg/L	U
79-00-5	1,1,2-Trichloroethane	C2501-1825	0.0086	0.0086	mg/L	U
142-28-9	1,3-Dichloropropane	C2501-1825	0.0066	0.0066	mg/L	U
127-18-4	Tetrachloroethene	C2501-1825	0.0063	0.0063	mg/L	U
124-48-1	Dibromochloromethane	C2501-1825	0.0068	0.0068	mg/L	U
106-93-4	1,2-Dibromoethane	C2501-1825	0.0071	0.0071	mg/L	U
108-90-7	Chlorobenzene	C2501-1825	0.0070	0.0070	mg/L	U



Environmental Testing Laboratories, Inc.

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03/01/2007

TCLP Volatile Compounds - EPA 8260B

Sample: 0702325-2

Client Sample ID: TP-9

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 02/28/2007

Preparation Date(s) : 02/26/2007

Type: Composite

Collected: 02/21/2007 11:20

% Solid: 77.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	C2501-1825	0.0068	0.0068	mg/L	U
100-41-4	Ethylbenzene	C2501-1825	0.0070	0.0070	mg/L	U
108-38-3	m,p-xylene	C2501-1825	0.012	0.012	mg/L	U
95-47-6	o-xylene	C2501-1825	0.0068	0.0068	mg/L	U
100-42-5	Styrene	C2501-1825	0.0060	0.0060	mg/L	U
98-82-8	Isopropylbenzene	C2501-1825	0.0064	0.0064	mg/L	U
75-25-2	Bromoform	C2501-1825	0.0067	0.0067	mg/L	U
79-34-5	1,1,2,2-Tetrachloroethane	C2501-1825	0.0081	0.0081	mg/L	U
96-18-4	1,2,3-Trichloropropane	C2501-1825	0.011	0.011	mg/L	U
103-65-1	n-Propylbenzene	C2501-1825	0.0064	0.0064	mg/L	U
108-86-1	Bromobenzene	C2501-1825	0.0067	0.0067	mg/L	U
108-67-8	1,3,5-Trimethylbenzene	C2501-1825	0.0056	0.0056	mg/L	U
95-49-8	2-Chlorotoluene	C2501-1825	0.0061	0.0061	mg/L	U
106-43-4	4-Chlorotoluene	C2501-1825	0.0060	0.0060	mg/L	U
99-87-6	4-Isopropyltoluene	C2501-1825	0.0054	0.0054	mg/L	U
95-63-6	1,2,4-Trimethylbenzene	C2501-1825	0.0054	0.0054	mg/L	U
135-98-8	sec-Butylbenzene	C2501-1825	0.0058	0.0058	mg/L	U
98-06-6	tert-Butylbenzene	C2501-1825	0.0056	0.0056	mg/L	U
541-73-1	1,3-Dichlorobenzene	C2501-1825	0.0063	0.0063	mg/L	U
106-46-7	1,4-Dichlorobenzene	C2501-1825	0.0066	0.0066	mg/L	U
104-51-8	n-Butylbenzene	C2501-1825	0.0058	0.0058	mg/L	U
95-50-1	1,2-Dichlorobenzene	C2501-1825	0.0064	0.0064	mg/L	U
96-12-8	1,2-Dibromo-3-chloropropane	C2501-1825	0.0064	0.0064	mg/L	U
120-82-1	1,2,4-Trichlorobenzene	C2501-1825	0.0056	0.0056	mg/L	U
87-68-3	Hexachlorobutadiene	C2501-1825	0.0053	0.0053	mg/L	U
91-20-3	Naphthalene	C2501-1825	0.0062	0.0062	mg/L	U
87-61-6	1,2,3-Trichlorobenzene	C2501-1825	0.0051	0.0051	mg/L	U
78-93-3	2-Butanone	C2501-1825	0.023	0.023	mg/L	U



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Phone - 631-249-1456 Fax - 631-249-8344

03/01/2007

TCLP Volatile Compounds - EPA 8260B

Sample: 0702325-2

Client Sample ID: TP-9

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 02/28/2007

Preparation Date(s) : 02/26/2007

Type: Composite

Collected: 02/21/2007 11:20

% Solid: 77.2%

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C2501-1825	101.0 %	(78 - 112)	
4774-33-8	DIBROMOFLUOROMETHANE	C2501-1825	97.1 %	(69 - 129)	
2037-26-5	TOLUENE-D8	C2501-1825	103.0 %	(90 - 108)	



Environmental Testing Laboratories, Inc.

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Phone - 631-249-1456 Fax - 631-249-8344

03/01/2007

TCLP Volatile Compounds - EPA 8260B

Sample: 0702325-6

Client Sample ID: TP-20

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 02/28/2007

Preparation Date(s): 02/26/2007

Type: Composite

Collected: 02/21/2007 14:40

% Solid: 93.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
75-71-8	Dichlorodifluoromethane	C2501-1826	0.0070	0.0070	mg/L	U
74-87-3	Chloromethane	C2501-1826	0.0075	0.0075	mg/L	U
75-01-4	Vinyl Chloride	C2501-1826	0.0073	0.0073	mg/L	U
74-83-9	Bromomethane	C2501-1826	0.0089	0.0089	mg/L	U
75-00-3	Chloroethane	C2501-1826	0.013	0.013	mg/L	U
75-69-4	Trichlorofluoromethane	C2501-1826	0.0069	0.0069	mg/L	U
75-35-4	1,1-Dichloroethene	C2501-1826	0.0078	0.0078	mg/L	U
75-09-2	Methylene Chloride	C2501-1826	0.0079	0.0079	mg/L	U
156-60-5	t-1,2-Dichloroethene	C2501-1826	0.0067	0.0067	mg/L	U
75-34-3	1,1-Dichloroethane	C2501-1826	0.0078	0.0078	mg/L	U
590-20-7	2,2-Dichloropropane	C2501-1826	0.0049	0.0049	mg/L	U
156-59-2	c-1,2-Dichloroethene	C2501-1826	0.0068	0.0068	mg/L	U
67-66-3	Chloroform	C2501-1826	0.0076	0.0076	mg/L	U
74-97-5	Bromochloromethane	C2501-1826	0.0069	0.0069	mg/L	U
71-55-6	1,1,1-Trichloroethane	C2501-1826	0.0072	0.0072	mg/L	U
563-58-6	1,1-Dichloropropene	C2501-1826	0.0069	0.0069	mg/L	U
56-23-5	Carbon Tetrachloride	C2501-1826	0.0068	0.0068	mg/L	U
107-06-2	1,2-Dichloroethane	C2501-1826	0.0070	0.0070	mg/L	U
71-43-2	Benzene	C2501-1826	0.0073	0.0073	mg/L	U
79-01-6	Trichloroethene	C2501-1826	0.0069	0.0069	mg/L	U
78-87-5	1,2-Dichloropropane	C2501-1826	0.0065	0.0065	mg/L	U
75-27-4	Bromodichloromethane	C2501-1826	0.0067	0.0067	mg/L	U
74-95-3	Dibromomethane	C2501-1826	0.0069	0.0069	mg/L	U
10061-01-5	c-1,3-Dichloropropene	C2501-1826	0.0053	0.0053	mg/L	U
108-88-3	Toluene	C2501-1826	0.0055	0.0055	mg/L	U
10061-02-6	t-1,3-Dichloropropene	C2501-1826	0.0064	0.0064	mg/L	U
79-00-5	1,1,2-Trichloroethane	C2501-1826	0.0086	0.0086	mg/L	U
142-28-9	1,3-Dichloropropane	C2501-1826	0.0066	0.0066	mg/L	U
127-18-4	Tetrachloroethene	C2501-1826	0.0063	0.0063	mg/L	U
124-48-1	Dibromochloromethane	C2501-1826	0.0068	0.0068	mg/L	U
106-93-4	1,2-Dibromoethane	C2501-1826	0.0071	0.0071	mg/L	U
108-90-7	Chlorobenzene	C2501-1826	0.0070	0.0070	mg/L	U



Environmental Testing Laboratories, Inc.

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03/01/2007

TCLP Volatile Compounds - EPA 8260B

Sample: 0702325-6

Client Sample ID: TP-20

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 02/28/2007

Preparation Date(s) : 02/26/2007

Type: Composite

Collected: 02/21/2007 14:40

% Solid: 93.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
630-20-6	1,1,1,2-Tetrachloroethane	C2501-1826	0.0068	0.0068	mg/L	U
100-41-4	Ethylbenzene	C2501-1826	0.0070	0.0070	mg/L	U
108-38-3	m,p-xylene	C2501-1826	0.012	0.012	mg/L	U
95-47-6	o-xylene	C2501-1826	0.0068	0.0068	mg/L	U
100-42-5	Styrene	C2501-1826	0.0060	0.0060	mg/L	U
98-82-8	Isopropylbenzene	C2501-1826	0.0064	0.0064	mg/L	U
75-25-2	Bromoform	C2501-1826	0.0067	0.0067	mg/L	U
79-34-5	1,1,2,2-Tetrachloroethane	C2501-1826	0.0081	0.0081	mg/L	U
96-18-4	1,2,3-Trichloropropane	C2501-1826	0.011	0.011	mg/L	U
103-65-1	n-Propylbenzene	C2501-1826	0.0064	0.0064	mg/L	U
108-86-1	Bromobenzene	C2501-1826	0.0067	0.0067	mg/L	U
108-67-8	1,3,5-Trimethylbenzene	C2501-1826	0.0056	0.0056	mg/L	U
95-49-8	2-Chlorotoluene	C2501-1826	0.0061	0.0061	mg/L	U
106-43-4	4-Chlorotoluene	C2501-1826	0.0060	0.0060	mg/L	U
99-87-6	4-Isopropyltoluene	C2501-1826	0.0054	0.0054	mg/L	U
95-63-6	1,2,4-Trimethylbenzene	C2501-1826	0.0054	0.0054	mg/L	U
135-98-8	sec-Butylbenzene	C2501-1826	0.0058	0.0058	mg/L	U
98-06-6	tert-Butylbenzene	C2501-1826	0.0056	0.0056	mg/L	U
541-73-1	1,3-Dichlorobenzene	C2501-1826	0.0063	0.0063	mg/L	U
106-46-7	1,4-Dichlorobenzene	C2501-1826	0.0066	0.0066	mg/L	U
104-51-8	n-Butylbenzene	C2501-1826	0.0058	0.0058	mg/L	U
95-50-1	1,2-Dichlorobenzene	C2501-1826	0.0064	0.0064	mg/L	U
96-12-8	1,2-Dibromo-3-chloropropane	C2501-1826	0.0064	0.0064	mg/L	U
120-82-1	1,2,4-Trichlorobenzene	C2501-1826	0.0056	0.0056	mg/L	U
87-68-3	Hexachlorobutadiene	C2501-1826	0.0053	0.0053	mg/L	U
91-20-3	Naphthalene	C2501-1826	0.0062	0.0062	mg/L	U
87-61-6	1,2,3-Trichlorobenzene	C2501-1826	0.0051	0.0051	mg/L	U
78-93-3	2-Butanone	C2501-1826	0.023	0.023	mg/L	U



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03/01/2007

TCLP Volatile Compounds - EPA 8260B

Sample: 0702325-6

Client Sample ID: TP-20

Matrix: Soil

Remarks: See Case Narrative

Analyzed Date: 02/28/2007

Preparation Date(s) : 02/26/2007

Type: Composite

Collected: 02/21/2007 14:40

% Solid: 93.7%

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
460-00-4	4-BROMOFLUOROBENZENE	C2501-1826	100.0 %	(78 - 112)	
4774-33-8	DIBROMOFLUOROMETHANE	C2501-1826	97.4 %	(69 - 129)	
2037-26-5	TOLUENE-D8	C2501-1826	103.0 %	(90 - 108)	



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03/01/2007

TAGM Semivolatile Compounds by SW 846 8270

Sample: 0702325-1

Client Sample ID: TP-3

Matrix: Soil

Remarks:

Analyzed Date: 02/23/2007

Preparation Date(s) : 02/23/2007

Type: Composite

Collected: 02/21/2007 10:45

% Solid: 73.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
83-32-9	Acenaphthene	C1767-2909	0.035	0.035	mg/Kg	U
208-96-8	Acenaphthylene	C1767-2909	0.033	0.033	mg/Kg	U
62-53-3	Aniline	C1767-2909	0.027	0.027	mg/Kg	U
120-12-7	Anthracene	C1767-2909	0.033	0.033	mg/Kg	U
50-32-8	Benzo(a)pyrene	C1767-2909	0.026	0.13	mg/Kg	Y
56-55-3	Benzo(a)anthracene	C1767-2909	0.019	0.10	mg/Kg	Y
205-99-2	Benzo(b)fluoranthene	C1767-2909	0.018	0.12	mg/Kg	Y
191-24-2	Benzo(g,h,i)perylene	C1767-2909	0.023	0.083	mg/Kg	Y
207-08-9	Benzo(k)fluoranthene	C1767-2909	0.060	0.12	mg/Kg	Y
65-85-0	Benzoic acid	C1767-2909	0.14	0.14	mg/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C1767-2909	0.035	0.049	mg/Kg	Y
85-68-7	Butyl benzyl phthalate	C1767-2909	0.019	0.019	mg/Kg	U
218-01-9	Chrysene	C1767-2909	0.030	0.12	mg/Kg	Y
106-47-8	4-Chloroaniline	C1767-2909	0.031	0.031	mg/Kg	U
59-50-7	4-Chloro-3-methylphenol	C1767-2909	0.042	0.042	mg/Kg	U
95-57-8	2-Chlorophenol	C1767-2909	0.038	0.038	mg/Kg	U
132-64-9	Dibenzofuran	C1767-2909	0.035	0.035	mg/Kg	U
53-70-3	Dibenzo(a,h)anthracene	C1767-2909	0.023	0.023	mg/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C1767-2909	0.39	0.39	mg/Kg	U
120-83-2	2,4-Dichlorophenol	C1767-2909	0.038	0.038	mg/Kg	U
51-28-5	2,4-Dinitrophenol	C1767-2909	0.14	0.14	mg/Kg	U
606-20-2	2,6-Dinitrotoluene	C1767-2909	0.020	0.020	mg/Kg	U
84-66-2	Diethylphthalate	C1767-2909	0.026	0.20	mg/Kg	Y
131-11-3	Dimethylphthalate	C1767-2909	0.026	0.026	mg/Kg	U
84-74-2	Di-n-butyl phthalate	C1767-2909	0.071	0.071	mg/Kg	U
117-84-0	Di-n-octyl phthalate	C1767-2909	0.023	0.023	mg/Kg	U
206-44-0	Fluoranthene	C1767-2909	0.027	0.17	mg/Kg	Y
86-73-7	Fluorene	C1767-2909	0.030	0.030	mg/Kg	U
118-74-1	Hexachlorobenzene	C1767-2909	0.026	0.026	mg/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C1767-2909	0.029	0.081	mg/Kg	Y
78-59-1	Isophorone	C1767-2909	0.037	0.037	mg/Kg	U
91-57-6	2-Methylnaphthalene	C1767-2909	0.042	0.042	mg/Kg	U



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03/01/2007

TAGM Semivolatile Compounds by SW 846 8270

Sample: 0702325-1

Client Sample ID: TP-3

Matrix: Soil

Remarks:

Analyzed Date: 02/23/2007

Preparation Date(s) : 02/23/2007

Type: Composite

Collected: 02/21/2007 10:45

% Solid: 73.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-48-7	2-Methylphenol	C1767-2909	0.042	0.042	mg/Kg	U
106-44-5	3+4-Methylphenol	C1767-2909	0.050	0.050	mg/Kg	U
91-20-3	Naphthalene	C1767-2909	0.046	0.044	mg/Kg	J
98-95-3	Nitrobenzene	C1767-2909	0.039	0.039	mg/Kg	U
88-74-4	2-Nitroaniline	C1767-2909	0.027	0.027	mg/Kg	U
88-75-5	2-Nitrophenol	C1767-2909	0.037	0.037	mg/Kg	U
100-02-7	4-Nitrophenol	C1767-2909	0.40	0.40	mg/Kg	U
99-09-2	3-Nitroaniline	C1767-2909	0.024	0.024	mg/Kg	U
85-01-8	Phenanthrene	C1767-2909	0.037	0.075	mg/Kg	Y
87-86-5	Pentachlorophenol	C1767-2909	0.15	0.15	mg/Kg	U
108-95-2	Phenol	C1767-2909	0.033	0.033	mg/Kg	U
129-00-0	Pyrene	C1767-2909	0.027	0.15	mg/Kg	Y
95-95-4	2,4,5-Trichlorophenol	C1767-2909	0.035	0.035	mg/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C1767-2909	74.2 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C1767-2909	54.2 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C1767-2909	54.3 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C1767-2909	48.8 %	(23 - 120)	
13127-88-3	PHENOL-D6	C1767-2909	62.2 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C1767-2909	70.5 %	(18 - 137)	



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03/01/2007

TAGM Semivolatile Compounds by SW 846 8270

Sample: 0702325-2

Client Sample ID: TP-9

Matrix: Soil

Remarks:

Analyzed Date: 02/23/2007

Preparation Date(s) : 02/23/2007

Type: Composite

Collected: 02/21/2007 11:20

% Solid: 77.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
83-32-9	Acenaphthene	C1767-2907	0.034	0.034	mg/Kg	U
208-96-8	Acenaphthylene	C1767-2907	0.031	0.031	mg/Kg	U
62-53-3	Aniline	C1767-2907	0.026	0.026	mg/Kg	U
120-12-7	Anthracene	C1767-2907	0.031	0.031	mg/Kg	U
50-32-8	Benzo(a)pyrene	C1767-2907	0.025	0.025	mg/Kg	U
56-55-3	Benzo(a)anthracene	C1767-2907	0.018	0.018	mg/Kg	U
205-99-2	Benzo(b)fluoranthene	C1767-2907	0.017	0.017	mg/Kg	U
191-24-2	Benzo(g,h,i)perylene	C1767-2907	0.022	0.022	mg/Kg	U
207-08-9	Benzo(k)fluoranthene	C1767-2907	0.057	0.057	mg/Kg	U
65-85-0	Benzoic acid	C1767-2907	0.14	0.14	mg/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C1767-2907	0.034	0.043	mg/Kg	Y
85-68-7	Butyl benzyl phthalate	C1767-2907	0.018	0.018	mg/Kg	U
218-01-9	Chrysene	C1767-2907	0.029	0.029	mg/Kg	U
106-47-8	4-Chloroaniline	C1767-2907	0.030	0.030	mg/Kg	U
59-50-7	4-Chloro-3-methylphenol	C1767-2907	0.040	0.040	mg/Kg	U
95-57-8	2-Chlorophenol	C1767-2907	0.036	0.036	mg/Kg	U
132-64-9	Dibenzofuran	C1767-2907	0.034	0.034	mg/Kg	U
53-70-3	Dibenzo(a,h)anthracene	C1767-2907	0.022	0.022	mg/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C1767-2907	0.37	0.37	mg/Kg	U
120-83-2	2,4-Dichlorophenol	C1767-2907	0.036	0.036	mg/Kg	U
51-28-5	2,4-Dinitrophenol	C1767-2907	0.13	0.13	mg/Kg	U
606-20-2	2,6-Dinitrotoluene	C1767-2907	0.020	0.020	mg/Kg	U
84-66-2	Diethylphthalate	C1767-2907	0.025	0.25	mg/Kg	Y
131-11-3	Dimethylphthalate	C1767-2907	0.025	0.025	mg/Kg	U
84-74-2	Di-n-butyl phthalate	C1767-2907	0.068	0.068	mg/Kg	U
117-84-0	Di-n-octyl phthalate	C1767-2907	0.022	0.022	mg/Kg	U
206-44-0	Fluoranthene	C1767-2907	0.026	0.026	mg/Kg	U
86-73-7	Fluorene	C1767-2907	0.029	0.029	mg/Kg	U
118-74-1	Hexachlorobenzene	C1767-2907	0.025	0.025	mg/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C1767-2907	0.027	0.027	mg/Kg	U
78-59-1	Isophorone	C1767-2907	0.035	0.035	mg/Kg	U
91-57-6	2-Methylnaphthalene	C1767-2907	0.040	0.040	mg/Kg	U



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03/01/2007

TAGM Semivolatile Compounds by SW 846 8270

Sample: 0702325-2

Client Sample ID: TP-9

Matrix: Soil

Remarks:

Analyzed Date: 02/23/2007

Preparation Date(s) : 02/23/2007

Type: Composite

Collected: 02/21/2007 11:20

% Solid: 77.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-48-7	2-Methylphenol	C1767-2907	0.040	0.040	mg/Kg	U
106-44-5	3+4-Methylphenol	C1767-2907	0.048	0.048	mg/Kg	U
91-20-3	Naphthalene	C1767-2907	0.044	0.044	mg/Kg	U
98-95-3	Nitrobenzene	C1767-2907	0.038	0.038	mg/Kg	U
88-74-4	2-Nitroaniline	C1767-2907	0.026	0.026	mg/Kg	U
88-75-5	2-Nitrophenol	C1767-2907	0.035	0.035	mg/Kg	U
100-02-7	4-Nitrophenol	C1767-2907	0.38	0.38	mg/Kg	U
99-09-2	3-Nitroaniline	C1767-2907	0.023	0.023	mg/Kg	U
85-01-8	Phenanthrene	C1767-2907	0.035	0.035	mg/Kg	U
87-86-5	Pentachlorophenol	C1767-2907	0.14	0.14	mg/Kg	U
108-95-2	Phenol	C1767-2907	0.031	0.031	mg/Kg	U
129-00-0	Pyrene	C1767-2907	0.026	0.026	mg/Kg	U
95-95-4	2,4,5-Trichlorophenol	C1767-2907	0.034	0.034	mg/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C1767-2907	66.3 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C1767-2907	49.9 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C1767-2907	48.7 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C1767-2907	46.8 %	(23 - 120)	
13127-88-3	PHENOL-D6	C1767-2907	55.3 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C1767-2907	64.5 %	(18 - 137)	



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03/01/2007

TAGM Semivolatile Compounds by SW 846 8270

Sample: 0702325-3

Client Sample ID: TP-12

Matrix: Soil

Remarks:

Analyzed Date: 02/23/2007

Preparation Date(s) : 02/23/2007

Type: Composite

Collected: 02/21/2007 12:45

% Solid: 76.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
83-32-9	Acenaphthene	C1767-2906	0.034	0.034	mg/Kg	U
208-96-8	Acenaphthylene	C1767-2906	0.031	0.031	mg/Kg	U
62-53-3	Aniline	C1767-2906	0.026	0.026	mg/Kg	U
120-12-7	Anthracene	C1767-2906	0.031	0.031	mg/Kg	U
50-32-8	Benzo(a)pyrene	C1767-2906	0.025	0.059	mg/Kg	Y
56-55-3	Benzo(a)anthracene	C1767-2906	0.018	0.039	mg/Kg	Y
205-99-2	Benzo(b)fluoranthene	C1767-2906	0.017	0.060	mg/Kg	Y
191-24-2	Benzo(g,h,i)perylene	C1767-2906	0.022	0.049	mg/Kg	Y
207-08-9	Benzo(k)fluoranthene	C1767-2906	0.058	0.054	mg/Kg	J
65-85-0	Benzoic acid	C1767-2906	0.14	0.14	mg/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C1767-2906	0.034	0.052	mg/Kg	Y
85-68-7	Butyl benzyl phthalate	C1767-2906	0.018	0.018	mg/Kg	U
218-01-9	Chrysene	C1767-2906	0.029	0.050	mg/Kg	Y
106-47-8	4-Chloroaniline	C1767-2906	0.030	0.030	mg/Kg	U
59-50-7	4-Chloro-3-methylphenol	C1767-2906	0.041	0.041	mg/Kg	U
95-57-8	2-Chlorophenol	C1767-2906	0.037	0.037	mg/Kg	U
132-64-9	Dibenzofuran	C1767-2906	0.034	0.034	mg/Kg	U
53-70-3	Dibenzo(a,h)anthracene	C1767-2906	0.022	0.022	mg/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C1767-2906	0.37	0.37	mg/Kg	U
120-83-2	2,4-Dichlorophenol	C1767-2906	0.037	0.037	mg/Kg	U
51-28-5	2,4-Dinitrophenol	C1767-2906	0.13	0.13	mg/Kg	U
606-20-2	2,6-Dinitrotoluene	C1767-2906	0.020	0.020	mg/Kg	U
84-66-2	Diethylphthalate	C1767-2906	0.025	0.20	mg/Kg	Y
131-11-3	Dimethylphthalate	C1767-2906	0.025	0.025	mg/Kg	U
84-74-2	Di-n-butyl phthalate	C1767-2906	0.068	0.068	mg/Kg	U
117-84-0	Di-n-octyl phthalate	C1767-2906	0.022	0.022	mg/Kg	U
206-44-0	Fluoranthene	C1767-2906	0.026	0.047	mg/Kg	Y
86-73-7	Fluorene	C1767-2906	0.029	0.029	mg/Kg	U
118-74-1	Hexachlorobenzene	C1767-2906	0.025	0.025	mg/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C1767-2906	0.028	0.041	mg/Kg	Y
78-59-1	Isophorone	C1767-2906	0.035	0.035	mg/Kg	U
91-57-6	2-Methylnaphthalene	C1767-2906	0.041	0.041	mg/Kg	U



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03/01/2007

TAGM Semivolatile Compounds by SW 846 8270

Sample: 0702325-3

Client Sample ID: TP-12

Matrix: Soil

Remarks:

Analyzed Date: 02/23/2007

Preparation Date(s) : 02/23/2007

Type: Composite

Collected: 02/21/2007 12:45

% Solid: 76.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-48-7	2-Methylphenol	C1767-2906	0.041	0.041	mg/Kg	U
106-44-5	3+4-Methylphenol	C1767-2906	0.048	0.048	mg/Kg	U
91-20-3	Naphthalene	C1767-2906	0.045	0.045	mg/Kg	U
98-95-3	Nitrobenzene	C1767-2906	0.038	0.038	mg/Kg	U
88-74-4	2-Nitroaniline	C1767-2906	0.026	0.026	mg/Kg	U
88-75-5	2-Nitrophenol	C1767-2906	0.035	0.035	mg/Kg	U
100-02-7	4-Nitrophenol	C1767-2906	0.39	0.39	mg/Kg	U
99-09-2	3-Nitroaniline	C1767-2906	0.024	0.024	mg/Kg	U
85-01-8	Phenanthrene	C1767-2906	0.035	0.035	mg/Kg	U
87-86-5	Pentachlorophenol	C1767-2906	0.14	0.14	mg/Kg	U
108-95-2	Phenol	C1767-2906	0.031	0.031	mg/Kg	U
129-00-0	Pyrene	C1767-2906	0.026	0.051	mg/Kg	Y
95-95-4	2,4,5-Trichlorophenol	C1767-2906	0.034	0.034	mg/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C1767-2906	64.3 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C1767-2906	48.2 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C1767-2906	54.6 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C1767-2906	49.8 %	(23 - 120)	
13127-88-3	PHENOL-D6	C1767-2906	58.5 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C1767-2906	68.3 %	(18 - 137)	



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03/01/2007

TAGM Semivolatile Compounds by SW 846 8270

Sample: 0702325-4

Client Sample ID: TP-13

Matrix: Soil

Remarks:

Analyzed Date: 02/23/2007

Preparation Date(s) : 02/23/2007

Type: Composite

Collected: 02/21/2007 13:00

% Solid: 84.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
83-32-9	Acenaphthene	C1767-2910	0.031	0.031	mg/Kg	U
208-96-8	Acenaphthylene	C1767-2910	0.029	0.029	mg/Kg	U
62-53-3	Aniline	C1767-2910	0.024	0.024	mg/Kg	U
120-12-7	Anthracene	C1767-2910	0.029	0.029	mg/Kg	U
50-32-8	Benzo(a)pyrene	C1767-2910	0.023	0.035	mg/Kg	Y
56-55-3	Benzo(a)anthracene	C1767-2910	0.017	0.033	mg/Kg	Y
205-99-2	Benzo(b)fluoranthene	C1767-2910	0.015	0.031	mg/Kg	Y
191-24-2	Benzo(g,h,i)perylene	C1767-2910	0.020	0.034	mg/Kg	Y
207-08-9	Benzo(k)fluoranthene	C1767-2910	0.052	0.029	mg/Kg	J
65-85-0	Benzoic acid	C1767-2910	0.12	0.12	mg/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C1767-2910	0.031	0.044	mg/Kg	Y
85-68-7	Butyl benzyl phthalate	C1767-2910	0.017	0.017	mg/Kg	U
218-01-9	Chrysene	C1767-2910	0.026	0.039	mg/Kg	Y
106-47-8	4-Chloroaniline	C1767-2910	0.027	0.027	mg/Kg	U
59-50-7	4-Chloro-3-methylphenol	C1767-2910	0.037	0.037	mg/Kg	U
95-57-8	2-Chlorophenol	C1767-2910	0.033	0.033	mg/Kg	U
132-64-9	Dibenzofuran	C1767-2910	0.031	0.031	mg/Kg	U
53-70-3	Dibenzo(a,h)anthracene	C1767-2910	0.020	0.020	mg/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C1767-2910	0.34	0.34	mg/Kg	U
120-83-2	2,4-Dichlorophenol	C1767-2910	0.033	0.033	mg/Kg	U
51-28-5	2,4-Dinitrophenol	C1767-2910	0.12	0.12	mg/Kg	U
606-20-2	2,6-Dinitrotoluene	C1767-2910	0.018	0.018	mg/Kg	U
84-66-2	Diethylphthalate	C1767-2910	0.023	0.18	mg/Kg	Y
131-11-3	Dimethylphthalate	C1767-2910	0.023	0.023	mg/Kg	U
84-74-2	Di-n-butyl phthalate	C1767-2910	0.062	0.062	mg/Kg	U
117-84-0	Di-n-octyl phthalate	C1767-2910	0.020	0.020	mg/Kg	U
206-44-0	Fluoranthene	C1767-2910	0.024	0.063	mg/Kg	Y
86-73-7	Fluorene	C1767-2910	0.026	0.026	mg/Kg	U
118-74-1	Hexachlorobenzene	C1767-2910	0.023	0.023	mg/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C1767-2910	0.025	0.025	mg/Kg	U
78-59-1	Isophorone	C1767-2910	0.032	0.032	mg/Kg	U
91-57-6	2-Methylnaphthalene	C1767-2910	0.037	0.037	mg/Kg	U



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03/01/2007

TAGM Semivolatile Compounds by SW 846 8270

Sample: 0702325-4

Client Sample ID: TP-13

Matrix: Soil

Remarks:

Analyzed Date: 02/23/2007

Preparation Date(s) : 02/23/2007

Type: Composite

Collected: 02/21/2007 13:00

% Solid: 84.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-48-7	2-Methylphenol	C1767-2910	0.037	0.037	mg/Kg	U
106-44-5	3+4-Methylphenol	C1767-2910	0.044	0.044	mg/Kg	U
91-20-3	Naphthalene	C1767-2910	0.040	0.040	mg/Kg	U
98-95-3	Nitrobenzene	C1767-2910	0.035	0.035	mg/Kg	U
88-74-4	2-Nitroaniline	C1767-2910	0.024	0.024	mg/Kg	U
88-75-5	2-Nitrophenol	C1767-2910	0.032	0.032	mg/Kg	U
100-02-7	4-Nitrophenol	C1767-2910	0.35	0.35	mg/Kg	U
99-09-2	3-Nitroaniline	C1767-2910	0.021	0.021	mg/Kg	U
85-01-8	Phenanthrene	C1767-2910	0.032	0.066	mg/Kg	Y
87-86-5	Pentachlorophenol	C1767-2910	0.13	0.13	mg/Kg	U
108-95-2	Phenol	C1767-2910	0.029	0.029	mg/Kg	U
129-00-0	Pyrene	C1767-2910	0.024	0.057	mg/Kg	Y
95-95-4	2,4,5-Trichlorophenol	C1767-2910	0.031	0.031	mg/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C1767-2910	72.1 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C1767-2910	58.9 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C1767-2910	60.3 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C1767-2910	53.8 %	(23 - 120)	
13127-88-3	PHENOL-D6	C1767-2910	69.1 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C1767-2910	68.1 %	(18 - 137)	



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03/01/2007

TAGM Semivolatile Compounds by SW 846 8270

Sample: 0702325-5

Client Sample ID: TP-17

Matrix: Soil

Remarks:

Analyzed Date: 02/23/2007

Preparation Date(s) : 02/23/2007

Type: Composite

Collected: 02/21/2007 13:40

% Solid: 81.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
83-32-9	Acenaphthene	C1767-2908	0.032	0.032	mg/Kg	U
208-96-8	Acenaphthylene	C1767-2908	0.030	0.030	mg/Kg	U
62-53-3	Aniline	C1767-2908	0.025	0.025	mg/Kg	U
120-12-7	Anthracene	C1767-2908	0.030	0.030	mg/Kg	U
50-32-8	Benzo(a)pyrene	C1767-2908	0.023	0.038	mg/Kg	Y
56-55-3	Benzo(a)anthracene	C1767-2908	0.017	0.017	mg/Kg	U
205-99-2	Benzo(b)fluoranthene	C1767-2908	0.016	0.034	mg/Kg	Y
191-24-2	Benzo(g,h,i)perylene	C1767-2908	0.021	0.040	mg/Kg	Y
207-08-9	Benzo(k)fluoranthene	C1767-2908	0.054	0.030	mg/Kg	J
65-85-0	Benzoic acid	C1767-2908	0.13	0.13	mg/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C1767-2908	0.032	0.042	mg/Kg	Y
85-68-7	Butyl benzyl phthalate	C1767-2908	0.017	0.017	mg/Kg	U
218-01-9	Chrysene	C1767-2908	0.027	0.027	mg/Kg	U
106-47-8	4-Chloroaniline	C1767-2908	0.028	0.028	mg/Kg	U
59-50-7	4-Chloro-3-methylphenol	C1767-2908	0.038	0.038	mg/Kg	U
95-57-8	2-Chlorophenol	C1767-2908	0.034	0.034	mg/Kg	U
132-64-9	Dibenzofuran	C1767-2908	0.032	0.032	mg/Kg	U
53-70-3	Dibenzo(a,h)anthracene	C1767-2908	0.021	0.021	mg/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C1767-2908	0.35	0.35	mg/Kg	U
120-83-2	2,4-Dichlorophenol	C1767-2908	0.034	0.034	mg/Kg	U
51-28-5	2,4-Dinitrophenol	C1767-2908	0.12	0.12	mg/Kg	U
606-20-2	2,6-Dinitrotoluene	C1767-2908	0.018	0.018	mg/Kg	U
84-66-2	Diethylphthalate	C1767-2908	0.023	0.17	mg/Kg	Y
131-11-3	Dimethylphthalate	C1767-2908	0.023	0.023	mg/Kg	U
84-74-2	Di-n-butyl phthalate	C1767-2908	0.064	0.064	mg/Kg	U
117-84-0	Di-n-octyl phthalate	C1767-2908	0.021	0.021	mg/Kg	U
206-44-0	Fluoranthene	C1767-2908	0.025	0.025	mg/Kg	U
86-73-7	Fluorene	C1767-2908	0.027	0.027	mg/Kg	U
118-74-1	Hexachlorobenzene	C1767-2908	0.023	0.023	mg/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C1767-2908	0.026	0.032	mg/Kg	Y
78-59-1	Isophorone	C1767-2908	0.033	0.033	mg/Kg	U
91-57-6	2-Methylnaphthalene	C1767-2908	0.038	0.038	mg/Kg	U



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03/01/2007

TAGM Semivolatile Compounds by SW 846 8270

Sample: 0702325-5

Client Sample ID: TP-17

Matrix: Soil

Remarks:

Analyzed Date: 02/23/2007

Preparation Date(s) : 02/23/2007

Type: Composite

Collected: 02/21/2007 13:40

% Solid: 81.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-48-7	2-Methylphenol	C1767-2908	0.038	0.038	mg/Kg	U
106-44-5	3+4-Methylphenol	C1767-2908	0.046	0.046	mg/Kg	U
91-20-3	Naphthalene	C1767-2908	0.042	0.042	mg/Kg	U
98-95-3	Nitrobenzene	C1767-2908	0.036	0.036	mg/Kg	U
88-74-4	2-Nitroaniline	C1767-2908	0.025	0.025	mg/Kg	U
88-75-5	2-Nitrophenol	C1767-2908	0.033	0.033	mg/Kg	U
100-02-7	4-Nitrophenol	C1767-2908	0.36	0.36	mg/Kg	U
99-09-2	3-Nitroaniline	C1767-2908	0.022	0.022	mg/Kg	U
85-01-8	Phenanthrene	C1767-2908	0.033	0.033	mg/Kg	U
87-86-5	Pentachlorophenol	C1767-2908	0.13	0.13	mg/Kg	U
108-95-2	Phenol	C1767-2908	0.030	0.030	mg/Kg	U
129-00-0	Pyrene	C1767-2908	0.025	0.025	mg/Kg	Y
95-95-4	2,4,5-Trichlorophenol	C1767-2908	0.032	0.032	mg/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C1767-2908	73.3 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C1767-2908	51.3 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C1767-2908	54.9 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C1767-2908	51.4 %	(23 - 120)	
13127-88-3	PHENOL-D6	C1767-2908	60.1 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C1767-2908	71.5 %	(18 - 137)	



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03/01/2007

TAGM Semivolatile Compounds by SW 846 8270

Sample: 0702325-6

Client Sample ID: TP-20

Matrix: Soil

Remarks:

Analyzed Date: 02/23/2007

Preparation Date(s) : 02/23/2007

Type: Composite

Collected: 02/21/2007 14:40

% Solid: 93.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
83-32-9	Acenaphthene	C1767-2911	0.028	0.028	mg/Kg	U
208-96-8	Acenaphthylene	C1767-2911	0.026	0.026	mg/Kg	U
62-53-3	Aniline	C1767-2911	0.021	0.021	mg/Kg	U
120-12-7	Anthracene	C1767-2911	0.026	0.026	mg/Kg	U
50-32-8	Benzo(a)pyrene	C1767-2911	0.020	0.020	mg/Kg	U
56-55-3	Benzo(a)anthracene	C1767-2911	0.015	0.015	mg/Kg	U
205-99-2	Benzo(b)fluoranthene	C1767-2911	0.014	0.014	mg/Kg	U
191-24-2	Benzo(g,h,i)perylene	C1767-2911	0.018	0.018	mg/Kg	U
207-08-9	Benzo(k)fluoranthene	C1767-2911	0.047	0.047	mg/Kg	U
65-85-0	Benzoic acid	C1767-2911	0.11	0.11	mg/Kg	U
117-81-7	bis(2-Ethylhexyl)phthalate	C1767-2911	0.028	0.029	mg/Kg	Y
85-68-7	Butyl benzyl phthalate	C1767-2911	0.015	0.015	mg/Kg	U
218-01-9	Chrysene	C1767-2911	0.024	0.024	mg/Kg	U
106-47-8	4-Chloroaniline	C1767-2911	0.025	0.025	mg/Kg	U
59-50-7	4-Chloro-3-methylphenol	C1767-2911	0.033	0.033	mg/Kg	U
95-57-8	2-Chlorophenol	C1767-2911	0.030	0.030	mg/Kg	U
132-64-9	Dibenzofuran	C1767-2911	0.028	0.028	mg/Kg	U
53-70-3	Dibenzo(a,h)anthracene	C1767-2911	0.018	0.018	mg/Kg	U
91-94-1	3,3'-Dichlorobenzidine	C1767-2911	0.30	0.30	mg/Kg	U
120-83-2	2,4-Dichlorophenol	C1767-2911	0.030	0.030	mg/Kg	U
51-28-5	2,4-Dinitrophenol	C1767-2911	0.11	0.11	mg/Kg	U
606-20-2	2,6-Dinitrotoluene	C1767-2911	0.016	0.016	mg/Kg	U
84-66-2	Diethylphthalate	C1767-2911	0.020	0.11	mg/Kg	Y
131-11-3	Dimethylphthalate	C1767-2911	0.020	0.020	mg/Kg	U
84-74-2	Di-n-butyl phthalate	C1767-2911	0.056	0.056	mg/Kg	U
117-84-0	Di-n-octyl phthalate	C1767-2911	0.018	0.018	mg/Kg	U
206-44-0	Fluoranthene	C1767-2911	0.021	0.021	mg/Kg	U
86-73-7	Fluorene	C1767-2911	0.024	0.024	mg/Kg	U
118-74-1	Hexachlorobenzene	C1767-2911	0.020	0.020	mg/Kg	U
193-39-5	Indeno(1,2,3-cd)pyrene	C1767-2911	0.022	0.022	mg/Kg	U
78-59-1	Isophorone	C1767-2911	0.029	0.029	mg/Kg	U
91-57-6	2-Methylnaphthalene	C1767-2911	0.033	0.033	mg/Kg	U



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03/01/2007

TAGM Semivolatile Compounds by SW 846 8270

Sample: 0702325-6

Client Sample ID: TP-20

Matrix: Soil

Remarks:

Analyzed Date: 02/23/2007

Preparation Date(s) : 02/23/2007

Type: Composite

Collected: 02/21/2007 14:40

% Solid: 93.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
95-48-7	2-Methylphenol	C1767-2911	0.033	0.033	mg/Kg	U
106-44-5	3+4-Methylphenol	C1767-2911	0.040	0.040	mg/Kg	U
91-20-3	Naphthalene	C1767-2911	0.036	0.036	mg/Kg	U
98-95-3	Nitrobenzene	C1767-2911	0.031	0.031	mg/Kg	U
88-74-4	2-Nitroaniline	C1767-2911	0.021	0.021	mg/Kg	U
88-75-5	2-Nitrophenol	C1767-2911	0.029	0.029	mg/Kg	U
100-02-7	4-Nitrophenol	C1767-2911	0.32	0.32	mg/Kg	U
99-09-2	3-Nitroaniline	C1767-2911	0.019	0.019	mg/Kg	U
85-01-8	Phenanthrene	C1767-2911	0.029	0.029	mg/Kg	U
87-86-5	Pentachlorophenol	C1767-2911	0.11	0.11	mg/Kg	U
108-95-2	Phenol	C1767-2911	0.026	0.026	mg/Kg	U
129-00-0	Pyrene	C1767-2911	0.021	0.022	mg/Kg	Y
95-95-4	2,4,5-Trichlorophenol	C1767-2911	0.028	0.028	mg/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	C1767-2911	70.2 %	(19 - 122)	
321-60-8	2-FLUOROBIPHENYL	C1767-2911	61.2 %	(30 - 115)	
367-12-4	2-FLUOROPHENOL	C1767-2911	64.6 %	(25 - 121)	
4165-60-0	NITROBENZENE-D5	C1767-2911	58.7 %	(23 - 120)	
13127-88-3	PHENOL-D6	C1767-2911	71.4 %	(24 - 113)	
1718-51-0	TERPHENYL-D14	C1767-2911	68.9 %	(18 - 137)	



Environmental Testing Laboratories, Inc.

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03/01/2007

TCLP Semivolatile Compounds - EPA 8270C

Sample: 0702325-1

Client Sample ID: TP-3

Matrix: Soil

Type: Composite

Collected: 02/21/2007 10:45

% Solid: 73.5%

Remarks:

Analyzed Date: 02/27/2007

Preparation Date(s): 02/26/2007 02/27/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
95-48-7	o-cresol	B2145-1058	0.0086	0.0086	mg/L	U
106-44-5	m,p-cresol	B2145-1058	0.0070	0.0070	mg/L	U
	Cresol	B2145-1058	0.015	0.015	mg/L	U
106-46-7	1,4-Dichlorobenzene	B2145-1058	0.0066	0.0066	mg/L	U
121-14-2	2,4-Dinitrotoluene	B2145-1058	0.0080	0.0080	mg/L	U
118-74-1	Hexachlorobenzene	B2145-1058	0.0094	0.0094	mg/L	U
87-68-3	Hexachlorobutadiene	B2145-1058	0.0080	0.0080	mg/L	U
67-72-1	Hexachloroethane	B2145-1058	0.0064	0.0064	mg/L	U
98-95-3	Nitrobenzene	B2145-1058	0.0072	0.0072	mg/L	U
87-86-5	Pentachlorophenol	B2145-1058	0.0047	0.0047	mg/L	U
110-86-1	Pyridine	B2145-1058	0.011	0.011	mg/L	U
95-95-4	2,4,5-Trichlorophenol	B2145-1058	0.0057	0.0057	mg/L	U
88-06-2	2,4,6-Trichlorophenol	B2145-1058	0.0083	0.0083	mg/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	B2145-1058	63.7 %	(10 - 123)	
321-60-8	2-FLUOROBIPHENYL	B2145-1058	45.3 %	(43 - 116)	
367-12-4	2-FLUOROPHENOL	B2145-1058	39.0 %	(21 - 110)	
4165-60-0	NITROBENZENE-D5	B2145-1058	40.9 %	(35 - 114)	
13127-88-3	PHENOL-D6	B2145-1058	39.2 %	(10 - 110)	
1718-51-0	TERPHENYL-D14	B2145-1058	65.1 %	(33 - 141)	



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03/01/2007

TCLP Semivolatile Compounds - EPA 8270C

Sample: 0702325-2

Client Sample ID: TP-9

Matrix: Soil

Type: Composite

Collected: 02/21/2007 11:20

% Solid: 77.2%

Remarks:

Analyzed Date: 02/28/2007

Preparation Date(s) : 02/26/2007 02/27/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
95-48-7	o-cresol	B2145-1059	0.0086	0.0086	mg/L	U
106-44-5	m,p-cresol	B2145-1059	0.0070	0.0070	mg/L	U
	Cresol	B2145-1059	0.015	0.015	mg/L	U
106-46-7	1,4-Dichlorobenzene	B2145-1059	0.0066	0.0066	mg/L	U
121-14-2	2,4-Dinitrotoluene	B2145-1059	0.0080	0.0080	mg/L	U
118-74-1	Hexachlorobenzene	B2145-1059	0.0094	0.0094	mg/L	U
87-68-3	Hexachlorobutadiene	B2145-1059	0.0080	0.0080	mg/L	U
67-72-1	Hexachloroethane	B2145-1059	0.0064	0.0064	mg/L	U
98-95-3	Nitrobenzene	B2145-1059	0.0072	0.0072	mg/L	U
87-86-5	Pentachlorophenol	B2145-1059	0.0047	0.0047	mg/L	U
110-86-1	Pyridine	B2145-1059	0.011	0.011	mg/L	U
95-95-4	2,4,5-Trichlorophenol	B2145-1059	0.0057	0.0057	mg/L	U
88-06-2	2,4,6-Trichlorophenol	B2145-1059	0.0083	0.0083	mg/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	B2145-1059	65.0 %	(10 - 123)	
321-60-8	2-FLUOROBIPHENYL	B2145-1059	55.9 %	(43 - 116)	
367-12-4	2-FLUOROPHENOL	B2145-1059	50.1 %	(21 - 110)	
4165-60-0	NITROBENZENE-D5	B2145-1059	54.8 %	(35 - 114)	
13127-88-3	PHENOL-D6	B2145-1059	49.5 %	(10 - 110)	
1718-51-0	TERPHENYL-D14	B2145-1059	56.7 %	(33 - 141)	



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03/01/2007

TCLP Semivolatile Compounds - EPA 8270C

Sample: 0702325-6

Client Sample ID: TP-20

Matrix: Soil

Type: Composite

Collected: 02/21/2007 14:40

% Solid: 93.7%

Remarks:

Analyzed Date: 02/28/2007

Preparation Date(s): 02/26/2007 02/27/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
95-48-7	o-cresol	B2145-1060	0.0086	0.0086	mg/L	U
106-44-5	m,p-cresol	B2145-1060	0.0070	0.0070	mg/L	U
	Cresol	B2145-1060	0.015	0.015	mg/L	U
106-46-7	1,4-Dichlorobenzene	B2145-1060	0.0066	0.0066	mg/L	U
121-14-2	2,4-Dinitrotoluene	B2145-1060	0.0080	0.0080	mg/L	U
118-74-1	Hexachlorobenzene	B2145-1060	0.0094	0.0094	mg/L	U
87-68-3	Hexachlorobutadiene	B2145-1060	0.0080	0.0080	mg/L	U
67-72-1	Hexachloroethane	B2145-1060	0.0064	0.0064	mg/L	U
98-95-3	Nitrobenzene	B2145-1060	0.0072	0.0072	mg/L	U
87-86-5	Pentachlorophenol	B2145-1060	0.0047	0.0047	mg/L	U
110-86-1	Pyridine	B2145-1060	0.011	0.011	mg/L	U
95-95-4	2,4,5-Trichlorophenol	B2145-1060	0.0057	0.0057	mg/L	U
88-06-2	2,4,6-Trichlorophenol	B2145-1060	0.0083	0.0083	mg/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
118-76-6	2,4,6-TRIBROMOPHENOL	B2145-1060	69.3 %	(10 - 123)	
321-60-8	2-FLUOROBIPHENYL	B2145-1060	54.8 %	(43 - 116)	
367-12-4	2-FLUOROPHENOL	B2145-1060	50.3 %	(21 - 110)	
4165-60-0	NITROBENZENE-D5	B2145-1060	53.0 %	(35 - 114)	
13127-88-3	PHENOL-D6	B2145-1060	50.1 %	(10 - 110)	
1718-51-0	TERPHENYL-D14	B2145-1060	69.3 %	(33 - 141)	



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03/01/2007

TAGM Herbicides by SW 846 8321A

Sample: 0702325-1

Client Sample ID: TP-3

Matrix: Soil

Remarks:

Analyzed Date: 02/27/2007

Preparation Date(s) : 02/23/2007

Type: Composite

Collected: 02/21/2007 10:45

% Solid: 73.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
93-72-1	Silvex(2,4,5-TP)	N 221 -16	503	503	ug/Kg	U
94-75-7	2,4-D	N 221 -16	354	354	ug/Kg	U
93-76-5	2,4,5-T	N 221 -16	503	503	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
106-46-7	1,4-DICHLOROBENZENE	N221-16	46.0 %	(10 - 59)	

Sample: 0702325-2

Client Sample ID: TP-9

Matrix: Soil

Remarks:

Analyzed Date: 02/27/2007

Preparation Date(s) : 02/23/2007

Type: Composite

Collected: 02/21/2007 11:20

% Solid: 77.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
93-72-1	Silvex(2,4,5-TP)	N 221 -17	479	479	ug/Kg	U
94-75-7	2,4-D	N 221 -17	337	337	ug/Kg	U
93-76-5	2,4,5-T	N 221 -17	479	479	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
106-46-7	1,4-DICHLOROBENZENE	N221-17	36.6 %	(10 - 59)	



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03/01/2007

TAGM Herbicides by SW 846 8321A

Sample: 0702325-3

Client Sample ID: TP-12

Matrix: Soil

Remarks:

Analyzed Date: 02/27/2007

Preparation Date(s) : 02/23/2007

Type: Composite

Collected: 02/21/2007 12:45

% Solid: 76.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
93-72-1	Silvex(2,4,5-TP)	N 221 -18	486	486	ug/Kg	U
94-75-7	2,4-D	N 221 -18	342	342	ug/Kg	U
93-76-5	2,4,5-T	N 221 -18	486	486	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
106-46-7	1,4-DICHLOROBENZENE	N221-18	39.2 %	(10 - 59)	

Sample: 0702325-4

Client Sample ID: TP-13

Matrix: Soil

Remarks:

Analyzed Date: 02/27/2007

Preparation Date(s) : 02/23/2007

Type: Composite

Collected: 02/21/2007 13:00

% Solid: 84.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
93-72-1	Silvex(2,4,5-TP)	N 221 -19	439	439	ug/Kg	U
94-75-7	2,4-D	N 221 -19	308	308	ug/Kg	U
93-76-5	2,4,5-T	N 221 -19	439	439	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
106-46-7	1,4-DICHLOROBENZENE	N221-19	25.8 %	(10 - 59)	



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03/01/2007

TAGM Herbicides by SW 846 8321A

Sample: 0702325-5

Client Sample ID: TP-17

Matrix: Soil

Remarks:

Analyzed Date: 02/27/2007

Preparation Date(s): 02/23/2007

Type: Composite

Collected: 02/21/2007 13:40

% Solid: 81.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
93-72-1	Silvex(2,4,5-TP)	N 221 -20	456	456	ug/Kg	U
94-75-7	2,4-D	N 221 -20	321	321	ug/Kg	U
93-76-5	2,4,5-T	N 221 -20	456	456	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
106-46-7	1,4-DICHLOROBENZENE	N221-20	24.5 %	(10 - 59)	

Sample: 0702325-6

Client Sample ID: TP-20

Matrix: Soil

Remarks:

Analyzed Date: 02/27/2007

Preparation Date(s): 02/23/2007

Type: Composite

Collected: 02/21/2007 14:40

% Solid: 93.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
93-72-1	Silvex(2,4,5-TP)	N 221 -21	395	395	ug/Kg	U
94-75-7	2,4-D	N 221 -21	277	277	ug/Kg	U
93-76-5	2,4,5-T	N 221 -21	395	395	ug/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
106-46-7	1,4-DICHLOROBENZENE	N221-21	18.4 %	(10 - 59)	



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03/01/2007

TAGM PCBs by SW 846 8082

Sample: 0702325-1

Client Sample ID: TP-3

Matrix: Soil

Remarks:

Analyzed Date: 02/23/2007

Preparation Date(s) : 02/23/2007

Type: Composite

Collected: 02/21/2007 10:45

% Solid: 73.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
12674-11-2	PCB 1016	G1303-22	0.0028	0.0028	mg/Kg	U
11104-28-2	PCB 1221	G1303-22	0.013	0.013	mg/Kg	U
11141-16-5	PCB 1232	G1303-22	0.0029	0.0029	mg/Kg	U
53469-21-9	PCB 1242	G1303-22	0.0022	0.0022	mg/Kg	U
12672-29-6	PCB 1248	G1303-22	0.0049	0.0049	mg/Kg	U
11097-69-1	PCB 1254	G1303-22	0.0074	0.0074	mg/Kg	U
11096-82-5	PCB 1260	G1303-22	0.0085	0.0085	mg/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	G1303-22	67.9 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	G1303-22	71.5 %	(30 - 150)	



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03/01/2007

TAGM PCBs by SW 846 8082

Sample: 0702325-2

Client Sample ID: TP-9

Matrix: Soil

Remarks:

Analyzed Date: 02/23/2007

Preparation Date(s) : 02/23/2007

Type: Composite

Collected: 02/21/2007 11:20

% Solid: 77.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
12674-11-2	PCB 1016	G1303-23	0.0026	0.0026	mg/Kg	U
11104-28-2	PCB 1221	G1303-23	0.012	0.012	mg/Kg	U
11141-16-5	PCB 1232	G1303-23	0.0028	0.0028	mg/Kg	U
53469-21-9	PCB 1242	G1303-23	0.0021	0.0021	mg/Kg	U
12672-29-6	PCB 1248	G1303-23	0.0047	0.0047	mg/Kg	U
11097-69-1	PCB 1254	G1303-23	0.0071	0.0071	mg/Kg	U
11096-82-5	PCB 1260	G1303-23	0.0081	0.0081	mg/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	G1303-23	63.3 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	G1303-23	69.6 %	(30 - 150)	



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03/01/2007

TAGM PCBs by SW 846 8082

Sample: 0702325-3

Client Sample ID: TP-12

Matrix: Soil

Remarks:

Analyzed Date: 02/23/2007

Preparation Date(s) : 02/23/2007

Type: Composite

Collected: 02/21/2007 12:45

% Solid: 76.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
12674-11-2	PCB 1016	G1303-24	0.0027	0.0027	mg/Kg	U
11104-28-2	PCB 1221	G1303-24	0.013	0.013	mg/Kg	U
11141-16-5	PCB 1232	G1303-24	0.0028	0.0028	mg/Kg	U
53469-21-9	PCB 1242	G1303-24	0.0021	0.0021	mg/Kg	U
12672-29-6	PCB 1248	G1303-24	0.0047	0.0047	mg/Kg	U
11097-69-1	PCB 1254	G1303-24	0.0072	0.0072	mg/Kg	U
11096-82-5	PCB 1260	G1303-24	0.0082	0.0082	mg/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	G1303-24	54.1 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	G1303-24	58.8 %	(30 - 150)	



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03/01/2007

TAGM PCBs by SW 846 8082

Sample: 0702325-4

Client Sample ID: TP-13

Matrix: Soil

Type: Composite

Collected: 02/21/2007 13:00

% Solid: 84.3%

Remarks:

Analyzed Date: 02/23/2007

Preparation Date(s) : 02/23/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
12674-11-2	PCB 1016	G1303-25	0.0024	0.0024	mg/Kg	U
11104-28-2	PCB 1221	G1303-25	0.011	0.011	mg/Kg	U
11141-16-5	PCB 1232	G1303-25	0.0025	0.0025	mg/Kg	U
53469-21-9	PCB 1242	G1303-25	0.0019	0.0019	mg/Kg	U
12672-29-6	PCB 1248	G1303-25	0.0043	0.0043	mg/Kg	U
11097-69-1	PCB 1254	G1303-25	0.0065	0.0065	mg/Kg	U
11096-82-5	PCB 1260	G1303-25	0.0074	0.0074	mg/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	G1303-25	67.0 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	G1303-25	63.9 %	(30 - 150)	



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03/01/2007

TAGM PCBs by SW 846 8082

Sample: 0702325-5

Client Sample ID: TP-17

Matrix: Soil

Remarks:

Analyzed Date: 02/23/2007

Preparation Date(s) : 02/23/2007

Type: Composite

Collected: 02/21/2007 13:40

% Solid: 81.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
12674-11-2	PCB 1016	G1303-26	0.0025	0.0025	mg/Kg	U
11104-28-2	PCB 1221	G1303-26	0.012	0.012	mg/Kg	U
11141-16-5	PCB 1232	G1303-26	0.0026	0.0026	mg/Kg	U
53469-21-9	PCB 1242	G1303-26	0.0020	0.0020	mg/Kg	U
12672-29-6	PCB 1248	G1303-26	0.0044	0.0044	mg/Kg	U
11097-69-1	PCB 1254	G1303-26	0.0067	0.0067	mg/Kg	U
11096-82-5	PCB 1260	G1303-26	0.0077	0.0077	mg/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	G1303-26	64.4 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	G1303-26	62.9 %	(30 - 150)	



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03/01/2007

TAGM PCBs by SW 846 8082

Sample: 0702325-6

Client Sample ID: TP-20

Matrix: Soil

Remarks:

Analyzed Date: 02/23/2007

Preparation Date(s) : 02/23/2007

Type: Composite

Collected: 02/21/2007 14:40

% Solid: 93.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
12674-11-2	PCB 1016	G1303-27	0.0022	0.0022	mg/Kg	U
11104-28-2	PCB 1221	G1303-27	0.010	0.010	mg/Kg	U
11141-16-5	PCB 1232	G1303-27	0.0023	0.0023	mg/Kg	U
53469-21-9	PCB 1242	G1303-27	0.0017	0.0017	mg/Kg	U
12672-29-6	PCB 1248	G1303-27	0.0038	0.0038	mg/Kg	U
11097-69-1	PCB 1254	G1303-27	0.0058	0.0058	mg/Kg	U
11096-82-5	PCB 1260	G1303-27	0.0067	0.0067	mg/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	G1303-27	67.7 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	G1303-27	71.3 %	(30 - 150)	



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03/01/2007

TAGM Organic Pesticides by SW 846 8081

Sample: 0702325-1

Client Sample ID: TP-3

Matrix: Soil

Remarks:

Analyzed Date: 02/23/2007

Preparation Date(s) : 02/23/2007

Type: Composite

Collected: 02/21/2007 10:45

% Solid: 73.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
50-29-3	4,4'-DDT	L 788 -7	0.00069	0.010	mg/Kg	
57-74-9	Chlordane	L 788 -7	0.011	0.011	mg/Kg	U
58-89-9	gamma-BHC (Lindane)	L 788 -7	0.0019	0.0019	mg/Kg	U
60-57-1	Dieldrin	L 788 -7	0.0021	0.0015	mg/Kg	U
72-20-8	Endrin	L 788 -7	0.0016	0.0016	mg/Kg	U
72-43-5	Methoxychlor	L 788 -7	0.0021	0.0021	mg/Kg	U
72-54-8	4,4'-DDD	L 788 -7	0.0019	0.013	mg/Kg	
72-55-9	4,4'-DDE	L 788 -7	0.0022	0.010	mg/Kg	
76-44-8	Heptachlor	L 788 -7	0.00086	0.00086	mg/Kg	U
309-00-2	Aldrin	L 788 -7	0.0013	0.0013	mg/Kg	U
319-84-6	alpha-BHC	L 788 -7	0.00097	0.00097	mg/Kg	U
319-85-7	beta-BHC	L 788 -7	0.0010	0.0010	mg/Kg	U
319-86-8	delta-BHC	L 788 -7	0.0019	0.0019	mg/Kg	U
959-98-8	Endosulfan I	L 788 -7	0.0015	0.0015	mg/Kg	U
1031-07-8	Endosulfan sulfate	L 788 -7	0.0011	0.0011	mg/Kg	U
8001-35-2	Toxaphene	L 788 -7	0.030	0.030	mg/Kg	U
33213-65-9	Endosulfan II	L 788 -7	0.00098	0.00098	mg/Kg	U
5103-74-2	gamma-Chlordane	L 788 -7	0.0027	0.0027	mg/Kg	U
1024-57-3	Heptachlor epoxide	L 788 -7	0.0014	0.0014	mg/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	L788-7	87.3 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	L788-7	64.4 %	(30 - 150)	



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03/01/2007

TAGM Organic Pesticides by SW 846 8081

Sample: 0702325-2

Client Sample ID: TP-9

Matrix: Soil

Remarks:

Analyzed Date: 02/23/2007

Preparation Date(s) : 02/23/2007

Type: Composite

Collected: 02/21/2007 11:20

% Solid: 77.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
50-29-3	4,4'-DDT	L 788 -8	0.00066	0.00066	mg/Kg	U
57-74-9	Chlordane	L 788 -8	0.010	0.010	mg/Kg	U
58-89-9	gamma-BHC (Lindane)	L 788 -8	0.0018	0.0018	mg/Kg	U
60-57-1	Dieldrin	L 788 -8	0.0020	0.0020	mg/Kg	U
72-20-8	Endrin	L 788 -8	0.0015	0.0015	mg/Kg	U
72-43-5	Methoxychlor	L 788 -8	0.0020	0.0020	mg/Kg	U
72-54-8	4,4'-DDD	L 788 -8	0.0018	0.0018	mg/Kg	U
72-55-9	4,4'-DDE	L 788 -8	0.0021	0.0021	mg/Kg	U
76-44-8	Heptachlor	L 788 -8	0.00082	0.00082	mg/Kg	U
309-00-2	Aldrin	L 788 -8	0.0013	0.0013	mg/Kg	U
319-84-6	alpha-BHC	L 788 -8	0.00092	0.00092	mg/Kg	U
319-85-7	beta-BHC	L 788 -8	0.0010	0.0010	mg/Kg	U
319-86-8	delta-BHC	L 788 -8	0.0018	0.0018	mg/Kg	U
959-98-8	Endosulfan I	L 788 -8	0.0014	0.0014	mg/Kg	U
1031-07-8	Endosulfan sulfate	L 788 -8	0.0010	0.0010	mg/Kg	U
8001-35-2	Toxaphene	L 788 -8	0.028	0.028	mg/Kg	U
33213-65-9	Endosulfan II	L 788 -8	0.00093	0.00093	mg/Kg	U
5103-74-2	gamma-Chlordane	L 788 -8	0.0026	0.0026	mg/Kg	U
1024-57-3	Heptachlor epoxide	L 788 -8	0.0013	0.0013	mg/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	L788-8	82.5 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	L788-8	66.5 %	(30 - 150)	



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03/01/2007

TAGM Organic Pesticides by SW 846 8081

Sample: 0702325-3

Client Sample ID: TP-12

Matrix: Soil

Type: Composite

Collected: 02/21/2007 12:45

% Solid: 76.1%

Remarks:

Analyzed Date: 02/23/2007

Preparation Date(s) : 02/23/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
50-29-3	4,4'-DDT	L 788 -9	0.00067	0.00067	mg/Kg	U
57-74-9	Chlordane	L 788 -9	0.011	0.011	mg/Kg	U
58-89-9	gamma-BHC (Lindane)	L 788 -9	0.0018	0.0018	mg/Kg	U
60-57-1	Dieldrin	L 788 -9	0.0021	0.0021	mg/Kg	U
72-20-8	Endrin	L 788 -9	0.0016	0.0016	mg/Kg	U
72-43-5	Methoxychlor	L 788 -9	0.0020	0.0020	mg/Kg	U
72-54-8	4,4'-DDD	L 788 -9	0.0018	0.0018	mg/Kg	U
72-55-9	4,4'-DDE	L 788 -9	0.0022	0.0022	mg/Kg	U
76-44-8	Heptachlor	L 788 -9	0.00083	0.00083	mg/Kg	U
309-00-2	Aldrin	L 788 -9	0.0013	0.0013	mg/Kg	U
319-84-6	alpha-BHC	L 788 -9	0.00093	0.00093	mg/Kg	U
319-85-7	beta-BHC	L 788 -9	0.0010	0.0010	mg/Kg	U
319-86-8	delta-BHC	L 788 -9	0.0018	0.0018	mg/Kg	U
959-98-8	Endosulfan I	L 788 -9	0.0014	0.0014	mg/Kg	U
1031-07-8	Endosulfan sulfate	L 788 -9	0.0011	0.0011	mg/Kg	U
8001-35-2	Toxaphene	L 788 -9	0.029	0.029	mg/Kg	U
33213-65-9	Endosulfan II	L 788 -9	0.00095	0.00095	mg/Kg	U
5103-74-2	gamma-Chlordane	L 788 -9	0.0026	0.0026	mg/Kg	U
1024-57-3	Heptachlor epoxide	L 788 -9	0.0013	0.0013	mg/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	L788-9	119.0 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	L788-9	90.5 %	(30 - 150)	



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03/01/2007

TAGM Organic Pesticides by SW 846 8081

Sample: 0702325-4

Client Sample ID: TP-13

Matrix: Soil

Type: Composite

Collected: 02/21/2007 13:00

% Solid: 84.3%

Remarks:

Analyzed Date: 02/23/2007

Preparation Date(s) : 02/23/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
50-29-3	4,4'-DDT	L 788 -10	0.00060	0.043	mg/Kg	
57-74-9	Chlordane	L 788 -10	0.0095	0.0095	mg/Kg	U
58-89-9	gamma-BHC (Lindane)	L 788 -10	0.0016	0.0016	mg/Kg	U
60-57-1	Dieldrin	L 788 -10	0.0019	0.0019	mg/Kg	U
72-20-8	Endrin	L 788 -10	0.0014	0.0014	mg/Kg	U
72-43-5	Methoxychlor	L 788 -10	0.0018	0.0018	mg/Kg	U
72-54-8	4,4'-DDD	L 788 -10	0.0016	0.0016	mg/Kg	U
72-55-9	4,4'-DDE	L 788 -10	0.0020	0.019	mg/Kg	
76-44-8	Heptachlor	L 788 -10	0.00075	0.00075	mg/Kg	U
309-00-2	Aldrin	L 788 -10	0.0012	0.0012	mg/Kg	U
319-84-6	alpha-BHC	L 788 -10	0.00084	0.00084	mg/Kg	U
319-85-7	beta-BHC	L 788 -10	0.00091	0.00091	mg/Kg	U
319-86-8	delta-BHC	L 788 -10	0.0016	0.0016	mg/Kg	U
959-98-8	Endosulfan I	L 788 -10	0.0013	0.0013	mg/Kg	U
1031-07-8	Endosulfan sulfate	L 788 -10	0.00095	0.00095	mg/Kg	U
8001-35-2	Toxaphene	L 788 -10	0.026	0.026	mg/Kg	U
33213-65-9	Endosulfan II	L 788 -10	0.00085	0.00085	mg/Kg	U
5103-74-2	gamma-Chlordane	L 788 -10	0.0023	0.0023	mg/Kg	U
1024-57-3	Heptachlor epoxide	L 788 -10	0.0012	0.0012	mg/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	L788-10	73.8 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	L788-10	57.9 %	(30 - 150)	



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03/01/2007

TAGM Organic Pesticides by SW 846 8081

Sample: 0702325-5

Client Sample ID: TP-17

Matrix: Soil

Remarks:

Analyzed Date: 02/23/2007

Preparation Date(s) : 02/23/2007

Type: Composite

Collected: 02/21/2007 13:40

% Solid: 81.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
50-29-3	4,4'-DDT	L 788 -11	0.00063	0.0026	mg/Kg	Y
57-74-9	Chlordane	L 788 -11	0.0099	0.0099	mg/Kg	U
58-89-9	gamma-BHC (Lindane)	L 788 -11	0.0017	0.0017	mg/Kg	U
60-57-1	Dieldrin	L 788 -11	0.0019	0.0019	mg/Kg	U
72-20-8	Endrin	L 788 -11	0.0015	0.0015	mg/Kg	U
72-43-5	Methoxychlor	L 788 -11	0.0019	0.0019	mg/Kg	U
72-54-8	4,4'-DDD	L 788 -11	0.0017	0.0017	mg/Kg	U
72-55-9	4,4'-DDE	L 788 -11	0.0020	0.0020	mg/Kg	U
76-44-8	Heptachlor	L 788 -11	0.00078	0.00078	mg/Kg	U
309-00-2	Aldrin	L 788 -11	0.0012	0.0012	mg/Kg	U
319-84-6	alpha-BHC	L 788 -11	0.00088	0.00088	mg/Kg	U
319-85-7	beta-BHC	L 788 -11	0.00095	0.00095	mg/Kg	U
319-86-8	delta-BHC	L 788 -11	0.0017	0.0017	mg/Kg	U
959-98-8	Endosulfan I	L 788 -11	0.0013	0.0013	mg/Kg	U
1031-07-8	Endosulfan sulfate	L 788 -11	0.00099	0.00099	mg/Kg	U
8001-35-2	Toxaphene	L 788 -11	0.027	0.027	mg/Kg	U
33213-65-9	Endosulfan II	L 788 -11	0.00089	0.00089	mg/Kg	U
5103-74-2	gamma-Chlordane	L 788 -11	0.0024	0.0024	mg/Kg	U
1024-57-3	Heptachlor epoxide	L 788 -11	0.0013	0.0013	mg/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	L788-11	83.8 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	L788-11	64.0 %	(30 - 150)	



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03/01/2007

TAGM Organic Pesticides by SW 846 8081

Sample: 0702325-6

Client Sample ID: TP-20

Matrix: Soil

Remarks:

Analyzed Date: 02/23/2007

Preparation Date(s) : 02/23/2007

Type: Composite

Collected: 02/21/2007 14:40

% Solid: 93.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration*	Units	Q
50-29-3	4,4'-DDT	L 789 -10	0.0011	0.43	mg/Kg	
57-74-9	Chlordane	L 788 -12	0.0085	0.0085	mg/Kg	U
58-89-9	gamma-BHC (Lindane)	L 788 -12	0.0015	0.0015	mg/Kg	U
60-57-1	Dieldrin	L 788 -12	0.0017	0.011	mg/Kg	
72-20-8	Endrin	L 788 -12	0.0013	0.0013	mg/Kg	U
72-43-5	Methoxychlor	L 788 -12	0.0017	0.0017	mg/Kg	U
72-54-8	4,4'-DDD	L 788 -12	0.0015	0.066	mg/Kg	
72-55-9	4,4'-DDE	L 788 -12	0.0018	0.090	mg/Kg	
76-44-8	Heptachlor	L 788 -12	0.00067	0.00067	mg/Kg	U
309-00-2	Aldrin	L 788 -12	0.0010	0.0010	mg/Kg	U
319-84-6	alpha-BHC	L 788 -12	0.00076	0.00076	mg/Kg	U
319-85-7	beta-BHC	L 788 -12	0.00082	0.00082	mg/Kg	U
319-86-8	delta-BHC	L 788 -12	0.0015	0.0015	mg/Kg	U
959-98-8	Endosulfan I	L 788 -12	0.0011	0.0011	mg/Kg	U
1031-07-8	Endosulfan sulfate	L 788 -12	0.00085	0.00085	mg/Kg	U
8001-35-2	Toxaphene	L 788 -12	0.023	0.023	mg/Kg	U
33213-65-9	Endosulfan II	L 788 -12	0.00077	0.00077	mg/Kg	U
5103-74-2	gamma-Chlordane	L 788 -12	0.0021	0.0026	mg/Kg	Y
1024-57-3	Heptachlor epoxide	L 788 -12	0.0011	0.0011	mg/Kg	U

* Results are reported on a dry weight basis

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	L788-12	68.3 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	L788-12	80.2 %	(30 - 150)	



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03/01/2007

TCLP Herbicide-SW 846 8321A

Sample: 0702325-1

Client Sample ID: TP-3

Matrix: Soil

Type: Composite

Collected: 02/21/2007 10:45

% Solid: 73.5%

Remarks:

Analyzed Date: 02/28/2007

Preparation Date(s) : 02/27/2007 02/26/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
94-75-7	2,4 - D	N 221 -27	0.054	0.054	mg/L	U
93-72-1	2,4,5-TP (Silvex)	N 221 -27	0.082	0.082	mg/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
106-46-7	1,4-DICHLOROBENZENE	N221-27	27.5 %	(12 - 120)	

Sample: 0702325-2

Client Sample ID: TP-9

Matrix: Soil

Type: Composite

Collected: 02/21/2007 11:20

% Solid: 77.2%

Remarks:

Analyzed Date: 02/28/2007

Preparation Date(s) : 02/27/2007 02/26/2007

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
94-75-7	2,4 - D	N 221 -28	0.054	0.054	mg/L	U
93-72-1	2,4,5-TP (Silvex)	N 221 -28	0.082	0.082	mg/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
106-46-7	1,4-DICHLOROBENZENE	N221-28	28.1 %	(12 - 120)	



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03/01/2007

TCLP Herbicide-SW 846 8321A

Sample: 0702325-3

Client Sample ID: TP-12

Matrix: Soil

Remarks:

Analyzed Date: 02/28/2007

Preparation Date(s) : 02/27/2007 02/26/2007

Type: Composite

Collected: 02/21/2007 12:45

% Solid: 76.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
94-75-7	2,4 - D	N 221 -29	0.054	0.054	mg/L	U
93-72-1	2,4,5-TP (Silvex)	N 221 -29	0.082	0.082	mg/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
106-46-7	1,4-DICHLOROBENZENE	N221-29	29.7 %	(12 - 120)	

Sample: 0702325-4

Client Sample ID: TP-13

Matrix: Soil

Remarks:

Analyzed Date: 02/28/2007

Preparation Date(s) : 02/27/2007 02/26/2007

Type: Composite

Collected: 02/21/2007 13:00

% Solid: 84.3%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
94-75-7	2,4 - D	N 221 -30	0.054	0.054	mg/L	U
93-72-1	2,4,5-TP (Silvex)	N 221 -30	0.082	0.082	mg/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
106-46-7	1,4-DICHLOROBENZENE	N221-30	25.4 %	(12 - 120)	



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03/01/2007

TCLP Herbicide-SW 846 8321A

Sample: 0702325-5

Client Sample ID: TP-17

Matrix: Soil

Remarks:

Analyzed Date: 02/28/2007

Preparation Date(s) : 02/27/2007 02/26/2007

Type: Composite

Collected: 02/21/2007 13:40

% Solid: 81.1%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
94-75-7	2,4 - D	N 221 -31	0.054	0.054	mg/L	U
93-72-1	2,4,5-TP (Silvex)	N 221 -31	0.082	0.082	mg/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
106-46-7	1,4-DICHLOROBENZENE	N221-31	34.8 %	(12 - 120)	

Sample: 0702325-6

Client Sample ID: TP-20

Matrix: Soil

Remarks:

Analyzed Date: 02/28/2007

Preparation Date(s) : 02/27/2007 02/26/2007

Type: Composite

Collected: 02/21/2007 14:40

% Solid: 93.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
94-75-7	2,4 - D	N 221 -32	0.054	0.054	mg/L	U
93-72-1	2,4,5-TP (Silvex)	N 221 -32	0.082	0.082	mg/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
106-46-7	1,4-DICHLOROBENZENE	N221-32	40.5 %	(12 - 120)	



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03/01/2007

TCLP Pesticide-SW 846 8081

Sample: 0702325-1

Client Sample ID: TP-3

Matrix: Soil

Remarks:

Analyzed Date: 02/27/2007

Preparation Date(s) : 02/26/2007 02/27/2007

Type: Composite

Collected: 02/21/2007 10:45

% Solid: 73.5%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
57-74-9	Chlordane	L 790 -17	0.000059	0.000059	mg/L	U
72-20-8	Endrin	L 790 -17	0.00000100	0.00000100	mg/L	U
76-44-8	Heptachlor	L 790 -17	0.00000100	0.00000100	mg/L	U
1024-57-3	Heptachlor epoxide	L 790 -17	0.00000100	0.00000100	mg/L	U
58-89-9	Lindane	L 790 -17	0.00000100	0.00000100	mg/L	U
72-43-5	Methoxychlor	L 790 -17	0.00000100	0.00000100	mg/L	U
8001-35-2	Toxaphene	L 790 -17	0.00092	0.00092	mg/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	L790-17	50.3 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	L790-17	38.2 %	(30 - 150)	



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03/01/2007

TCLP Pesticide-SW 846 8081

Sample: 0702325-2

Client Sample ID: TP-9

Matrix: Soil

Remarks:

Analyzed Date: 02/27/2007

Preparation Date(s) : 02/26/2007 02/27/2007

Type: Composite

Collected: 02/21/2007 11:20

% Solid: 77.2%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
57-74-9	Chlordane	L 790 -18	0.000059	0.000059	mg/L	U
72-20-8	Endrin	L 790 -18	0.00000100	0.00000100	mg/L	U
76-44-8	Heptachlor	L 790 -18	0.00000100	0.00000100	mg/L	U
1024-57-3	Heptachlor epoxide	L 790 -18	0.00000100	0.00000100	mg/L	U
58-89-9	Lindane	L 790 -18	0.00000100	0.00000100	mg/L	U
72-43-5	Methoxychlor	L 790 -18	0.00000100	0.00000100	mg/L	U
8001-35-2	Toxaphene	L 790 -18	0.00092	0.00092	mg/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	L790-18	42.0 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	L790-18	38.9 %	(30 - 150)	



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03/01/2007

TCLP Pesticide-SW 846 8081

Sample: 0702325-6

Client Sample ID: TP-20

Matrix: Soil

Remarks:

Analyzed Date: 02/27/2007

Preparation Date(s) : 02/26/2007 02/27/2007

Type: Composite

Collected: 02/21/2007 14:40

% Solid: 93.7%

Analytical Results

Cas No	Analyte	File ID	MDL	Concentration	Units	Q
57-74-9	Chlordane	L 790 -19	0.000059	0.000059	mg/L	U
72-20-8	Endrin	L 790 -19	0.00000100	0.00000100	mg/L	U
76-44-8	Heptachlor	L 790 -19	0.00000100	0.00000100	mg/L	U
1024-57-3	Heptachlor epoxide	L 790 -19	0.00000100	0.00000100	mg/L	U
58-89-9	Lindane	L 790 -19	0.00000100	0.00000100	mg/L	U
72-43-5	Methoxychlor	L 790 -19	0.00000100	0.00000100	mg/L	U
8001-35-2	Toxaphene	L 790 -19	0.00092	0.00092	mg/L	U

Surrogate Results

Cas No	Analyte	File ID	% Recovery	QC Limits	Q
2051-24-3	DECACHLOROBIPHENYL	L790-19	38.3 %	(30 - 150)	
877-09-8	TETRACHLORO M-XYLENE	L790-19	42.2 %	(30 - 150)	



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03/01/2007

Mercury by SW846 7470/7471/EPA 245.1

Sample: 0702325-1

Client Sample ID: TP-3

Matrix: Soil

Remarks:

Analyzed Date: 02/23/2007

Preparation Date(s) : 02/23/2007

Type: Composite

Collected: 02/21/2007 10:45

% Solid: 73.5%

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7439-97-6	Mercury	0.0019	1.06	mg/Kg	

* Results are reported on a dry weight basis

Sample: 0702325-2

Client Sample ID: TP-9

Matrix: Soil

Remarks:

Analyzed Date: 02/23/2007

Preparation Date(s) : 02/23/2007

Type: Composite

Collected: 02/21/2007 11:20

% Solid: 77.2%

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7439-97-6	Mercury	0.0018	0.097	mg/Kg	

* Results are reported on a dry weight basis

Sample: 0702325-3

Client Sample ID: TP-12

Matrix: Soil

Remarks:

Analyzed Date: 02/23/2007

Preparation Date(s) : 02/23/2007

Type: Composite

Collected: 02/21/2007 12:45

% Solid: 76.1%

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7439-97-6	Mercury	0.0018	2.38	mg/Kg	

* Results are reported on a dry weight basis



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03/01/2007

Mercury by SW846 7470/7471/EPA 245.1

Sample: 0702325-4

Client Sample ID: TP-13

Matrix: Soil

Remarks:

Analyzed Date: 02/23/2007

Preparation Date(s) : 02/23/2007

Type: Composite

Collected: 02/21/2007 13:00

% Solid: 84.3%

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7439-97-6	Mercury	0.0017	0.84	mg/Kg	

* Results are reported on a dry weight basis

Sample: 0702325-5

Client Sample ID: TP-17

Matrix: Soil

Remarks:

Analyzed Date: 02/23/2007

Preparation Date(s) : 02/23/2007

Type: Composite

Collected: 02/21/2007 13:40

% Solid: 81.1%

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7439-97-6	Mercury	0.0017	0.52	mg/Kg	

* Results are reported on a dry weight basis

Sample: 0702325-6

Client Sample ID: TP-20

Matrix: Soil

Remarks:

Analyzed Date: 02/23/2007

Preparation Date(s) : 02/23/2007

Type: Composite

Collected: 02/21/2007 14:40

% Solid: 93.7%

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7439-97-6	Mercury	0.0015	0.050	mg/Kg	

* Results are reported on a dry weight basis



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03/01/2007

TAGM Heavy Metals List by Method SW846 6010

Sample: 0702325-1

Client Sample ID: TP-3

Matrix: Soil

Type: Composite

Collected: 02/21/2007 10:45

% Solid: 73.5%

Remarks:

Analyzed Date: 02/27/2007

Preparation Date(s) : 02/26/2007 02/23/2007

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7429-90-5	Aluminum	1.65	8260	mg/Kg	
7440-36-0	Antimony	0.26	6.50	mg/Kg	
7440-38-2	Arsenic	0.44	34.7	mg/Kg	
7440-39-3	Barium	0.052	412	mg/Kg	
7440-41-7	Beryllium	0.026	0.026	mg/Kg	U
7440-43-9	Cadmium	0.039	2.60	mg/Kg	
7440-70-2	Calcium	3.39	9160	mg/Kg	
7440-47-3	Chromium	0.21	17.7	mg/Kg	
7440-48-4	Cobalt	0.052	5.13	mg/Kg	
7440-50-8	Copper	0.38	107	mg/Kg	
7439-89-6	Iron	2.35	20300	mg/Kg	
7439-92-1	Lead	0.22	997	mg/Kg	
7439-95-4	Magnesium	3.48	1160	mg/Kg	
7439-96-5	Manganese	0.10	200	mg/Kg	
7440-02-0	Nickel	0.065	12.8	mg/Kg	
7440-09-7	Potassium	6.84	988	mg/Kg	
7782-49-2	Selenium	0.56	0.56	mg/Kg	U
7440-22-4	Silver	0.13	0.13	mg/Kg	U
7440-23-5	Sodium	2.84	185	mg/Kg	
7440-28-0	Thallium	0.26	0.26	mg/Kg	U
7440-62-2	Vanadium	0.065	15.4	mg/Kg	
7440-66-6	Zinc	0.58	2090	mg/Kg	

* Results are reported on a dry weight basis



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03/01/2007

TAGM Heavy Metals List by Method SW846 6010

Sample: 0702325-2

Client Sample ID: TP-9

Matrix: Soil

Type: Composite

Collected: 02/21/2007 11:20

% Solid: 77.2%

Remarks:

Analyzed Date: 02/27/2007

Preparation Date(s) : 02/26/2007 02/23/2007

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7429-90-5	Aluminum	1.54	7820	mg/Kg	
7440-36-0	Antimony	0.24	8.98	mg/Kg	
7440-38-2	Arsenic	0.42	9.57	mg/Kg	
7440-39-3	Barium	0.049	1130	mg/Kg	
7440-41-7	Beryllium	0.024	0.32	mg/Kg	
7440-43-9	Cadmium	0.037	3.53	mg/Kg	
7440-70-2	Calcium	3.17	42600	mg/Kg	
7440-47-3	Chromium	0.20	17.5	mg/Kg	
7440-48-4	Cobalt	0.049	10.5	mg/Kg	
7440-50-8	Copper	0.35	239	mg/Kg	
7439-89-6	Iron	2.20	15900	mg/Kg	
7439-92-1	Lead	1.04	10300	mg/Kg	
7439-95-4	Magnesium	3.25	4440	mg/Kg	
7439-96-5	Manganese	0.098	279	mg/Kg	
7440-02-0	Nickel	0.061	24.2	mg/Kg	
7440-09-7	Potassium	6.39	1720	mg/Kg	
7782-49-2	Selenium	0.53	0.53	mg/Kg	U
7440-22-4	Silver	0.12	0.31	mg/Kg	
7440-23-5	Sodium	2.65	891	mg/Kg	
7440-28-0	Thallium	0.24	0.24	mg/Kg	U
7440-62-2	Vanadium	0.061	24.1	mg/Kg	
7440-66-6	Zinc	0.54	1720	mg/Kg	

* Results are reported on a dry weight basis



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03/01/2007

TAGM Heavy Metals List by Method SW846 6010

Sample: 0702325-3

Client Sample ID: TP-12

Matrix: Soil

Type: Composite

Collected: 02/21/2007 12:45

% Solid: 76.1%

Remarks:

Analyzed Date: 02/27/2007

Preparation Date(s) : 02/26/2007 02/23/2007

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7429-90-5	Aluminum	1.53	8070	mg/Kg	
7440-36-0	Antimony	0.24	0.24	mg/Kg	U
7440-38-2	Arsenic	0.41	46.8	mg/Kg	
7440-39-3	Barium	0.049	1440	mg/Kg	
7440-41-7	Beryllium	0.024	0.024	mg/Kg	U
7440-43-9	Cadmium	0.037	11.3	mg/Kg	
7440-70-2	Calcium	3.15	26600	mg/Kg	
7440-47-3	Chromium	0.19	19.9	mg/Kg	
7440-48-4	Cobalt	0.049	7.35	mg/Kg	
7440-50-8	Copper	0.35	282	mg/Kg	
7439-89-6	Iron	2.19	36500	mg/Kg	
7439-92-1	Lead	0.21	1810	mg/Kg	
7439-95-4	Magnesium	3.24	1780	mg/Kg	
7439-96-5	Manganese	0.097	371	mg/Kg	
7440-02-0	Nickel	0.061	18.1	mg/Kg	
7440-09-7	Potassium	6.36	1220	mg/Kg	
7782-49-2	Selenium	0.52	0.52	mg/Kg	U
7440-22-4	Silver	0.12	0.12	mg/Kg	U
7440-23-5	Sodium	2.64	350	mg/Kg	
7440-28-0	Thallium	0.24	0.24	mg/Kg	U
7440-62-2	Vanadium	0.061	18.4	mg/Kg	
7440-66-6	Zinc	0.54	2670	mg/Kg	

* Results are reported on a dry weight basis



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03/01/2007

TAGM Heavy Metals List by Method SW846 6010

Sample: 0702325-4

Client Sample ID: TP-13

Matrix: Soil

Type: Composite

Collected: 02/21/2007 13:00

% Solid: 84.3%

Remarks:

Analyzed Date: 02/27/2007

Preparation Date(s): 02/26/2007 02/23/2007

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7429-90-5	Aluminum	1.47	3580	mg/Kg	
7440-36-0	Antimony	0.23	0.23	mg/Kg	U
7440-38-2	Arsenic	0.40	10.1	mg/Kg	
7440-39-3	Barium	0.047	196	mg/Kg	
7440-41-7	Beryllium	0.023	0.023	mg/Kg	U
7440-43-9	Cadmium	0.035	1.14	mg/Kg	
7440-70-2	Calcium	3.01	5410	mg/Kg	
7440-47-3	Chromium	0.19	8.28	mg/Kg	
7440-48-4	Cobalt	0.047	3.36	mg/Kg	
7440-50-8	Copper	0.34	93.1	mg/Kg	
7439-89-6	Iron	2.09	6580	mg/Kg	
7439-92-1	Lead	0.20	429	mg/Kg	
7439-95-4	Magnesium	3.09	706	mg/Kg	
7439-96-5	Manganese	0.093	159	mg/Kg	
7440-02-0	Nickel	0.058	8.85	mg/Kg	
7440-09-7	Potassium	6.08	350	mg/Kg	
7782-49-2	Selenium	0.50	0.50	mg/Kg	U
7440-22-4	Silver	0.12	0.12	mg/Kg	U
7440-23-5	Sodium	2.52	148	mg/Kg	
7440-28-0	Thallium	0.23	0.23	mg/Kg	U
7440-62-2	Vanadium	0.058	9.28	mg/Kg	
7440-66-6	Zinc	0.51	308	mg/Kg	

* Results are reported on a dry weight basis



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03/01/2007

TAGM Heavy Metals List by Method SW846 6010

Sample: 0702325-5

Client Sample ID: TP-17

Matrix: Soil

Type: Composite

Collected: 02/21/2007 13:40

% Solid: 81.1%

Remarks:

Analyzed Date: 02/27/2007

Preparation Date(s) : 02/26/2007 02/23/2007

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7429-90-5	Aluminum	1.52	6520	mg/Kg	
7440-36-0	Antimony	0.24	0.29	mg/Kg	
7440-38-2	Arsenic	0.41	17.3	mg/Kg	
7440-39-3	Barium	0.048	1050	mg/Kg	
7440-41-7	Beryllium	0.024	0.024	mg/Kg	U
7440-43-9	Cadmium	0.036	6.20	mg/Kg	
7440-70-2	Calcium	3.13	25300	mg/Kg	
7440-47-3	Chromium	0.19	28.2	mg/Kg	
7440-48-4	Cobalt	0.048	7.56	mg/Kg	
7440-50-8	Copper	0.35	315	mg/Kg	
7439-89-6	Iron	2.18	31800	mg/Kg	
7439-92-1	Lead	0.21	3070	mg/Kg	
7439-95-4	Magnesium	3.22	1850	mg/Kg	
7439-96-5	Manganese	0.097	1110	mg/Kg	
7440-02-0	Nickel	0.060	19.1	mg/Kg	
7440-09-7	Potassium	6.32	1390	mg/Kg	
7782-49-2	Selenium	0.52	0.52	mg/Kg	U
7440-22-4	Silver	0.12	0.12	mg/Kg	U
7440-23-5	Sodium	2.62	471	mg/Kg	
7440-28-0	Thallium	0.24	0.24	mg/Kg	U
7440-62-2	Vanadium	0.060	11.6	mg/Kg	
7440-66-6	Zinc	0.53	2240	mg/Kg	

* Results are reported on a dry weight basis



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03/01/2007

TAGM Heavy Metals List by Method SW846 6010

Sample: 0702325-6

Client Sample ID: TP-20

Matrix: Soil

Type: Composite

Collected: 02/21/2007 14:40

% Solid: 93.7%

Remarks:

Analyzed Date: 02/27/2007

Preparation Date(s) : 02/26/2007 02/23/2007

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7429-90-5	Aluminum	1.25	1820	mg/Kg	
7440-36-0	Antimony	0.20	0.20	mg/Kg	U
7440-38-2	Arsenic	0.34	12.5	mg/Kg	
7440-39-3	Barium	0.040	47.4	mg/Kg	
7440-41-7	Beryllium	0.020	0.020	mg/Kg	U
7440-43-9	Cadmium	0.030	0.95	mg/Kg	
7440-70-2	Calcium	2.56	2000	mg/Kg	
7440-47-3	Chromium	0.16	5.17	mg/Kg	
7440-48-4	Cobalt	0.040	1.54	mg/Kg	
7440-50-8	Copper	0.29	53.8	mg/Kg	
7439-89-6	Iron	1.78	8270	mg/Kg	
7439-92-1	Lead	0.17	200	mg/Kg	
7439-95-4	Magnesium	2.63	346	mg/Kg	
7439-96-5	Manganese	0.079	70.3	mg/Kg	
7440-02-0	Nickel	0.049	8.96	mg/Kg	
7440-09-7	Potassium	5.17	223	mg/Kg	
7782-49-2	Selenium	0.42	0.42	mg/Kg	U
7440-22-4	Silver	0.099	0.099	mg/Kg	U
7440-23-5	Sodium	2.14	40.4	mg/Kg	
7440-28-0	Thallium	0.20	0.20	mg/Kg	U
7440-62-2	Vanadium	0.049	8.34	mg/Kg	
7440-66-6	Zinc	0.43	254	mg/Kg	

* Results are reported on a dry weight basis



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03/01/2007

TCLP Mercury-Method SW846 1311/7470/7471

Sample: 0702325-1

Client Sample ID: TP-3

Matrix: Soil

Type: Composite

Collected: 02/21/2007 10:45

% Solid: 73.5%

Remarks:

Analyzed Date: 02/27/2007

Preparation Date(s) : 02/27/2007 02/26/2007

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7439-97-6	Mercury	0.0000070	0.0000070	mg/L	U

Sample: 0702325-2

Client Sample ID: TP-9

Matrix: Soil

Type: Composite

Collected: 02/21/2007 11:20

% Solid: 77.2%

Remarks:

Analyzed Date: 02/27/2007

Preparation Date(s) : 02/27/2007 02/26/2007

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7439-97-6	Mercury	0.0000070	0.0000070	mg/L	U

Sample: 0702325-6

Client Sample ID: TP-20

Matrix: Soil

Type: Composite

Collected: 02/21/2007 14:40

% Solid: 93.7%

Remarks:

Analyzed Date: 02/27/2007

Preparation Date(s) : 02/27/2007 02/26/2007

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7439-97-6	Mercury	0.0000070	0.0000070	mg/L	U



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03/01/2007

TCLP Metals-Method SW846 1311/6010

Sample: 0702325-1

Client Sample ID: TP-3

Matrix: Soil

Remarks:

Analyzed Date: 02/27/2007

Preparation Date(s) : 02/27/2007 02/27/2007 02/26/2007

Type: Composite

Collected: 02/21/2007 10:45

% Solid: 73.5%

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7440-38-2	Arsenic	0.034	0.091	mg/L	
7440-39-3	Barium	0.0040	1.11	mg/L	
7440-43-9	Cadmium	0.0030	0.010	mg/L	
7440-47-3	Chromium	0.016	0.016	mg/L	U
7439-92-1	Lead	0.017	0.70	mg/L	
7782-49-2	Selenium	0.043	0.043	mg/L	U
7440-22-4	Silver	0.010	0.33	mg/L	

Sample: 0702325-2

Client Sample ID: TP-9

Matrix: Soil

Remarks:

Analyzed Date: 02/27/2007

Preparation Date(s) : 02/27/2007 02/27/2007 02/26/2007

Type: Composite

Collected: 02/21/2007 11:20

% Solid: 77.2%

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7440-38-2	Arsenic	0.034	0.034	mg/L	U
7440-39-3	Barium	0.0040	2.21	mg/L	
7440-43-9	Cadmium	0.0030	0.047	mg/L	
7440-47-3	Chromium	0.016	0.016	mg/L	U
7439-92-1	Lead	0.017	59.5	mg/L	
7782-49-2	Selenium	0.043	0.043	mg/L	U
7440-22-4	Silver	0.010	0.010	mg/L	U



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03/01/2007

TCLP Metals-Method SW846 1311/6010

Sample: 0702325-6

Client Sample ID: TP-20

Matrix: Soil

Type: Composite

Collected: 02/21/2007 14:40

% Solid: 93.7%

Remarks:

Analyzed Date: 02/27/2007

Preparation Date(s) : 02/27/2007 02/27/2007 02/26/2007

Analytical Results

Cas No	Analyte	MDL	Concentration	Units	Q
7440-38-2	Arsenic	0.034	0.034	mg/L	U
7440-39-3	Barium	0.0040	0.39	mg/L	
7440-43-9	Cadmium	0.0030	0.0030	mg/L	
7440-47-3	Chromium	0.016	0.016	mg/L	U
7439-92-1	Lead	0.017	0.66	mg/L	
7782-49-2	Selenium	0.043	0.043	mg/L	U
7440-22-4	Silver	0.010	0.010	mg/L	U



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03/01/2007

Total Cyanide - EPA 335.2

Sample: 0702325-1

Client Sample ID: TP-3

Matrix: Soil

Remarks:

Analyzed Date: 02/23/2007

Type: Composite

Collected: 02/21/2007 10:45

% Solid: 73.5%

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
57-12-5	Cyanide	0.31	1.01	mg/Kg	

* Results are reported on a dry weight basis

Sample: 0702325-2

Client Sample ID: TP-9

Matrix: Soil

Remarks:

Analyzed Date: 02/23/2007

Type: Composite

Collected: 02/21/2007 11:20

% Solid: 77.2%

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
57-12-5	Cyanide	0.24	0.24	mg/Kg	U

* Results are reported on a dry weight basis

Sample: 0702325-3

Client Sample ID: TP-12

Matrix: Soil

Remarks:

Analyzed Date: 02/23/2007

Type: Composite

Collected: 02/21/2007 12:45

% Solid: 76.1%

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
57-12-5	Cyanide	0.20	0.20	mg/Kg	U

* Results are reported on a dry weight basis



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03/01/2007

Total Cyanide - EPA 335.2

Sample: 0702325-4

Client Sample ID: TP-13

Matrix: Soil

Remarks:

Analyzed Date: 02/23/2007

Type: Composite

Collected: 02/21/2007 13:00

% Solid: 84.3%

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
57-12-5	Cyanide	0.23	0.23	mg/Kg	U

* Results are reported on a dry weight basis

Sample: 0702325-5

Client Sample ID: TP-17

Matrix: Soil

Remarks:

Analyzed Date: 02/23/2007

Type: Composite

Collected: 02/21/2007 13:40

% Solid: 81.1%

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
57-12-5	Cyanide	0.18	0.18	mg/Kg	U

* Results are reported on a dry weight basis

Sample: 0702325-6

Client Sample ID: TP-20

Matrix: Soil

Remarks:

Analyzed Date: 02/23/2007

Type: Composite

Collected: 02/21/2007 14:40

% Solid: 93.7%

Analytical Results

Cas No	Analyte	MDL	Result*	Units	Q
57-12-5	Cyanide	0.16	0.16	mg/Kg	U

* Results are reported on a dry weight basis



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03/01/2007

ORGANIC METHOD QUALIFIERS

Q - Qualifier - specified entries and their meanings are as follows:

- U - The analytical result is not detected above the Method Detection Limit (MDL).
All MDL's are lower than the lowest calibration standard concentration.
- J - Indicates an estimated value. The concentration reported was detected below the Method Detection Limit (MDL).
- Y - The concentration reported was detected below the lowest calibration standard concentration.
- B - The analyte was found in the associated method blank as well as the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.
- E - The concentration of the analyte exceeded the calibration range of the instrument.
- D - This flag indicates a system monitoring compound diluted out.

INORGANIC METHOD QUALIFIERS

C - (Concentration) qualifiers are as follows:

- B - Entered if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL).
- U - Entered when the analyte was analyzed for, but not detected above the Method Detection Limit (MDL) which is less than the lowest calibration standard concentration.

Q - Qualifier specific entries and their meanings are as follows:

- E - Reported value is estimated because of the presence of interferences.

M - (Method) qualifiers are as follows:

- A - Flame AA
- AS - Semi-automated Spectrophotometric
- AV - Automated Cold Vapor AA
- C - Manual Spectrophotometric
- F - Furnace AA
- P - ICP
- T - Titrimetric

OTHER QUALIFIERS

- ND - Not Detected
- NA - Not Applicable
- NR - Not Required
- * - Outside Expected Range (NYCDEP Table I/II or Surrogate Limits)
- x - Outside Expected Range



Appendix C

Test Pit Logs

TEST PIT FIELD LOG

Galli Engineering, P.C.
734 Walt Whitman Road, Suite 402-A
Melville, NY 11747

Site: 1205 Major Path Job No.: 0657-01-001

Date: 2-21-07 Time: 10:00 Weather: Sunny/Cold 45°

Location: Edge of Hill Test Pit Number: TP- 1

Excavator: Fernando Equipment: PC160 Komatsu

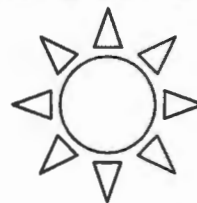
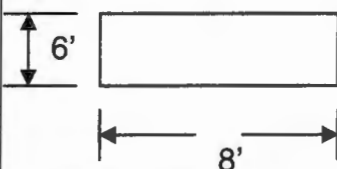
Galli Inspector: MT & BT Other People Present: Tom Stachecki

DEPTH	COLOR	LOG	DESCRIPTION OF SOIL	REMARKS
0.0	Surface: Surface Frost ~12 inches			
- 1.0	Brown	6"	Loam and Asphalt	0.0 ppm
- 2.0				
- 3.0				
- 4.0				
- 5.0				
- 6.0	Light Brown		Fine to Medium Sand, Virgin Soil	0.0 ppm
- 7.0				
- 8.0				
- 9.0				
-10.0				
-11.0				
-12.0				
-13.0				

NOTES:

TEST PIT PLAN

NORTH ARROW



▽ - Denotes Groundwater

TEST PIT FIELD LOG

Galli Engineering, P.C.
734 Walt Whitman Road, Suite 402-A
Melville, NY 11747

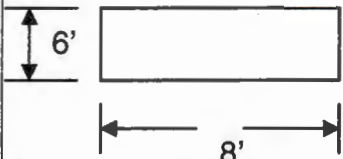
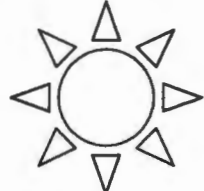
Site: 1205 Major Path Job No.: 0657-01-001

Date: 2-21-07 Time: 10:15 Weather: Sunny/Cold 45°

Location: 135' South TP-1 Test Pit Number: TP- 2

Excavator: Fernando Equipment: PC160 Komatsu

Galli Inspector: MT & BT Other People Present: Tom Stachecki

DEPTH	COLOR	LOG	DESCRIPTION OF SOIL	REMARKS
0.0	Surface: Surface Frost ~12 inches			
- 1.0	Brown		Loam and Top Soil	0.0 ppm
- 2.0	Dark Brown		Fine to Medium Sand	0.0 ppm
- 3.0				
- 4.0	Brown		Glass, Burned Material, Ash, Red Brick, Metal	0.0 ppm
- 5.0				
- 6.0	Light Brown		Fine to Medium Sand, Virgin Soil	0.0 ppm
- 7.0				
- 8.0				
- 9.0				
-10.0				
-11.0				
-12.0				
-13.0				
NOTES:			TEST PIT PLAN  NORTH ARROW 	
▽ - Denotes Groundwater				

TEST PIT FIELD LOG

Galli Engineering, P.C.
734 Walt Whitman Road, Suite 402-A
Melville, NY 11747

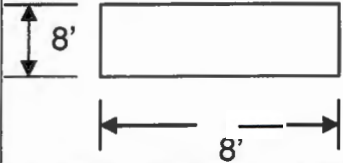
Site: 1205 Major Path Job No.: 0657-01-001

Date: 2-21-07 Time: 10:40 Weather: Sunny/Cold 45°

Location: 94' South of TP-2 Test Pit Number: TP- 3

Excavator: Fernando Equipment: PC160 Komatsu

Galli Inspector: MT & BT Other People Present: Tom Stachecki

DEPTH	COLOR	LOG	DESCRIPTION OF SOIL	REMARKS	
0.0	Surface: Surface Frost ~12 inches (Sampled for TAGM)				
- 2.0	Brown	12"	Loam and Top Soil	0.0 ppm	
- 4.0					
- 6.0					
- 8.0					
- 10.0					
- 12.0					
- 14.0					
- 16.0					
- 18.0	Brown Light Brown		17'	Ash Mixed with Metals, Car Parts(Rims, Drive Shafts), Bottles Virgin Soil with Trace of Gravel	0.0 ppm
-20.0					
-22.0					
-24.0					
-13.0					
NOTES:			TEST PIT PLAN  NORTH ARROW 		
▽ - Denotes Groundwater					

TEST PIT FIELD LOG

Galli Engineering, P.C.
734 Walt Whitman Road, Suite 402-A
Melville, NY 11747

Site: 1205 Major Path Job No.: 0657-01-001

Date: 2-21-07 Time: 10:55 Weather: Sunny/Cold 45°

Location: 75' South TP-3, 130' East of Road Test Pit Number: TP- 4

Excavator: Fernando Equipment: PC160 Komatsu

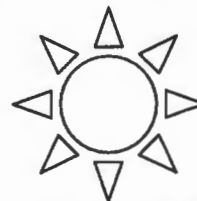
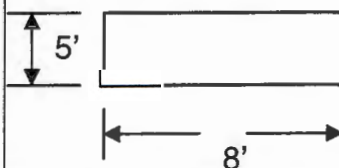
Galli Inspector: MT & BT Other People Present: Tom Stachecki

DEPTH	COLOR	LOG	DESCRIPTION OF SOIL	REMARKS
0.0	Surface: Surface Frost ~12 inches (Sampled for TCLP)			
- 1.0	Brown	18"		
- 2.0			Loam with Few Bricks	0.0 ppm
- 3.0				
- 4.0				
- 5.0				
- 6.0	Light Brown		Fine to Medium Sand, Virgin Soil	0.0 ppm
- 7.0				
- 8.0				
- 9.0				
-10.0				
-11.0				
-12.0				
-13.0				

NOTES:

TEST PIT PLAN

NORTH ARROW



▽ - Denotes Groundwater

TEST PIT FIELD LOG

Galli Engineering, P.C.
734 Walt Whitman Road, Suite 402-A
Melville, NY 11747

Site: 1205 Major Path Job No.: 0657-01-001

Date: 2-21-07 Time: 11:15 Weather: Sunny/Cold 45°

Location: 16' east TP-4 Test Pit Number: TP- 5

Excavator: Fernando Equipment: PC160 Komatsu

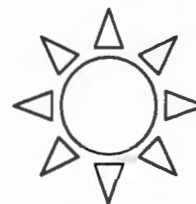
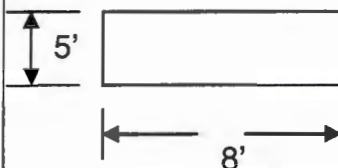
Galli Inspector: MT & BT Other People Present: Tom Stachecki

DEPTH	COLOR	LOG	DESCRIPTION OF SOIL	REMARKS
0.0	Surface: Surface Frost ~12 inches			
- 1.0	Brown	6"	Loam, Rock, Red Brick	0.0 ppm
		6"	Dark Fine to Medium Sand	
- 2.0		30"		
- 3.0	Light Brown		Fine to Medium Sand, Virgin Soil	0.0 ppm
- 4.0				
- 5.0				
- 6.0				
- 7.0				
- 8.0				
- 9.0				
- 10.0				
- 11.0				
- 12.0				
- 13.0				

NOTES:

TEST PIT PLAN

NORTH ARROW



▽ - Denotes Groundwater

TEST PIT FIELD LOG

Galli Engineering, P.C.
734 Walt Whitman Road, Suite 402-A
Melville, NY 11747

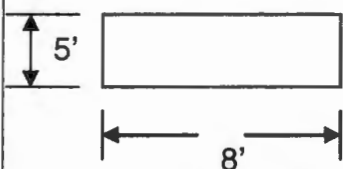
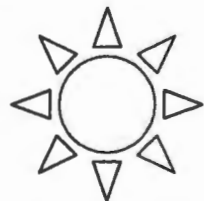
Site: 1205 Major Path Job No.: 0657-01-001

Date: 2-21-07 Time: 11:25 Weather: Sunny/Cold 45°

Location: 70' north of TP-5 Test Pit Number: TP- 6

Excavator: Fernando Equipment: PC160 Komatsu

Galli Inspector: MT & BT Other People Present: Tom Stachecki

DEPTH	COLOR	LOG	DESCRIPTION OF SOIL	REMARKS
0.0	Surface: Surface Frost ~12 inches			
- 2.0	Brown	6"	Loam	0.0 ppm
- 4.0	Brown, light grey	6"	Dark Fine to Medium Sand	0.0 ppm
- 6.0			Light color ash	0.0 ppm
- 8.0				
- 10.0	Brown, Grey	9'	Darker ash, Metals	0.0 ppm
- 12.0				
- 14.0				
- 16.0	Light Brown		Virgin Soil	0.0 ppm
- 18.0				
-20.0				
-22.0				
-24.0				
-26.0				
NOTES:			TEST PIT PLAN  NORTH ARROW 	
▽ - Denotes Groundwater				

TEST PIT FIELD LOG

Galli Engineering, P.C.
734 Walt Whitman Road, Suite 402-A
Melville, NY 11747

Site: 1205 Major Path Job No.: 0657-01-001

Date: 2-21-07 Time: 11:35 Weather: Sunny/Cold 45°

Location: 65' east TP-6 Test Pit Number: TP- 7

Excavator: Fernando Equipment: PC160 Komatsu

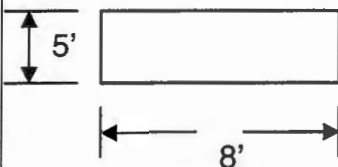
Galli Inspector: MT & BT Other People Present: Tom Stachecki

DEPTH	COLOR	LOG	DESCRIPTION OF SOIL	REMARKS
0.0	Surface: Surface Frost ~12 inches			
- 1.0	Brown	6"	Loam, Minor Red Brick Dark Fine to Medium Sand	0.0 ppm
- 2.0				
- 3.0	Dark Brown		Dark Soil, metals	0.0 ppm
- 4.0				
- 5.0	Light Brown		Virgin Soil	0.0 ppm
- 6.0				
- 7.0				
- 8.0				
- 9.0				
-10.0				
-11.0				
-12.0				
-13.0				

NOTES:

TEST PIT PLAN

NORTH ARROW



▽ - Denotes Groundwater

TEST PIT FIELD LOG

Galli Engineering, P.C.
734 Walt Whitman Road, Suite 402-A
Melville, NY 11747

Site: 1205 Major Path Job No.: 0657-01-001

Date: 2-21-07 Time: 11:45 Weather: Sunny/Cold 45°

Location: 100' north TP-7 Test Pit Number: TP- 8

Excavator: Fernando Equipment: PC160 Komatsu

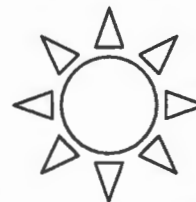
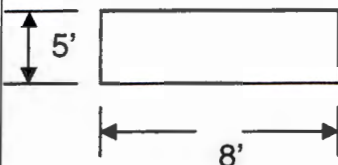
Galli Inspector: MT & BT Other People Present: Tom Stachecki

DEPTH	COLOR	LOG	DESCRIPTION OF SOIL	REMARKS
0.0	Surface: Surface Frost ~12 inches			
- 1.0				
- 2.0	Brown		Loam, Red Brick, Metals, Glass	0.0 ppm
- 3.0	Light Brown		Virgin Soil	0.0 ppm
- 4.0				
- 5.0				
- 6.0				
- 7.0				
- 8.0				
- 9.0				
-10.0				
-11.0				
-12.0				
-13.0				

NOTES:

TEST PIT PLAN

NORTH ARROW



▽ - Denotes Groundwater

TEST PIT FIELD LOG

Galli Engineering, P.C.
734 Walt Whitman Road, Suite 402-A
Melville, NY 11747

Site: 1205 Major Path Job No.: 0657-01-001

Date: 2-21-07 Time: 12:00 Weather: Sunny/Cold 45°

Location: 150' East TP-1 Test Pit Number: TP- 9

Excavator: Fernando Equipment: PC160 Komatsu

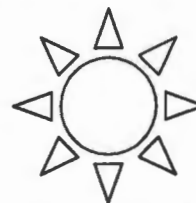
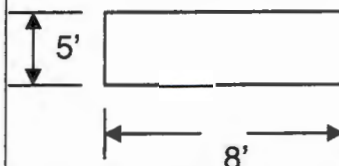
Galli Inspector: MT & BT Other People Present: Tom Stachecki

DEPTH	COLOR	LOG	DESCRIPTION OF SOIL	REMARKS
0.0	Surface: Surface Frost ~12 inches			
- 1.0	Dark Brown		Dark, Fine medium Soil	0.0 ppm
- 2.0				
- 3.0				
- 4.0				
- 5.0	Light Grey		Light ash, heavy metals (axels, wheels)metal sheets, glass	
- 6.0				
- 7.0				
- 8.0				
- 9.0	Light Brown		Virgin Soil, very fine	0.0 ppm
-10.0				
-11.0				
-12.0				
-13.0				

NOTES:

TEST PIT PLAN

NORTH ARROW



▽ - Denotes Groundwater

TEST PIT FIELD LOG

Galli Engineering, P.C.
734 Walt Whitman Road, Suite 402-A
Melville, NY 11747

Site: 1205 Major Path Job No.: 0657-01-001

Date: 2-21-07 Time: 12:45 Weather: Sunny/Cold 45'

Location: 100' East TP-1 Test Pit Number: TP- 10

Excavator: Fernando Equipment: PC160 Komatsu

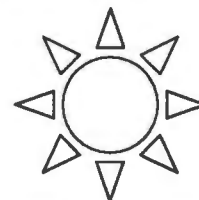
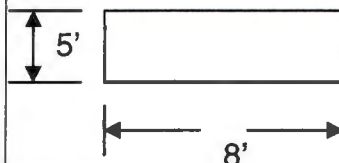
Galli Inspector: MT & BT Other People Present: Tom Stachecki

DEPTH	COLOR	LOG	DESCRIPTION OF SOIL	REMARKS
0.0	Surface: Surface Frost ~12 inches			
- 1.0	Dark Brown	6"	Concrete, dirt, stone	0.0 ppm
- 2.0				
- 3.0	Light Grey		Virgin Soil, very fine	0.0 ppm
- 4.0				
- 5.0				
- 6.0				
- 7.0				
- 8.0				
- 9.0				
-10.0				
-11.0				
-12.0				
-13.0				

NOTES:

TEST PIT PLAN

NORTH ARROW



▽ - Denotes Groundwater

TEST PIT FIELD LOG

Galli Engineering, P.C.
734 Walt Whitman Road, Suite 402-A
Melville, NY 11747

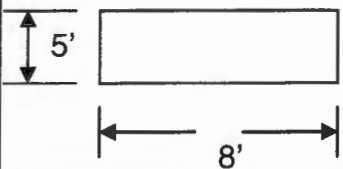
Site: 1205 Major Path Job No.: 0657-01-001

Date: 2-21-07 Time: 12:45 Weather: Sunny/Cold 45°

Location: 75' South TP-9 Test Pit Number: TP- 11

Excavator: Fernando Equipment: PC160 Komatsu

Galli Inspector: MT & BT Other People Present: Tom Stachecki

DEPTH	COLOR	LOG	DESCRIPTION OF SOIL	REMARKS
0.0	Surface: Surface Frost ~12 inches			
- 1.0	Dark Brown		Light fill	0.0 ppm
- 2.0				
- 3.0	Light Grey		Dark fill, mixed with ash, glass, minor metals	0.0 ppm
- 4.0	Light grey		Ash material	0.0 ppm
- 5.0	Dark Brown		Fill	0.0 ppm
- 6.0				
- 7.0	Light Brown		Virgin Material	0.0 ppm
- 8.0				
- 9.0				
-10.0				
-11.0				
-12.0				
-13.0				
NOTES:			TEST PIT PLAN  NORTH ARROW 	
▽ - Denotes Groundwater				

TEST PIT FIELD LOG

Galli Engineering, P.C.
734 Walt Whitman Road, Suite 402-A
Melville, NY 11747

Site: 1205 Major Path Job No.: 0657-01-001

Date: 2-21-07 Time: 13:10 Weather: Sunny/Cold 45°

Location: 125' east TP-11 Test Pit Number: TP- 12

Excavator: Fernando Equipment: PC160 Komatsu

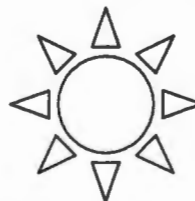
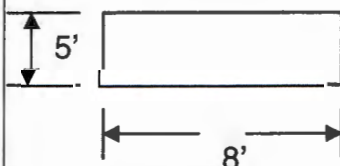
Galli Inspector: MT & BT Other People Present: Tom Stachecki

DEPTH	COLOR	LOG	DESCRIPTION OF SOIL	REMARKS
0.0	Surface: Surface Frost ~12 inches			
- 1.0	Dark Brown		Dark fill, loam	0.0 ppm
- 2.0	Light Grey		Ash material	0.0 ppm
- 3.0				
- 4.0	Red		Red color ash, glass, metals	0.0 ppm
- 5.0				0.0 ppm
- 6.0				
- 7.0				
- 8.0	Dark Brown		Ash, glass bottles, rust on soils	0.0 ppm
- 9.0	Light Brown		Virgin Material	0.0 ppm
-10.0				
-11.0				
-12.0				
-13.0				

NOTES:

TEST PIT PLAN

NORTH ARROW



▽ - Denotes Groundwater

TEST PIT FIELD LOG

Galli Engineering, P.C.
734 Walt Whitman Road, Suite 402-A
Melville, NY 11747

Site: 1205 Major Path Job No.: 0657-01-001

Date: 2-21-07 Time: 13:25 Weather: Sunny/Cold 45°

Location: 161' east TP-11 Test Pit Number: TP- 13

Excavator: Fernando Equipment: PC160 Komatsu

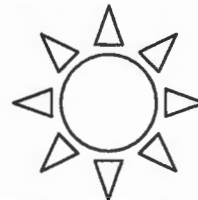
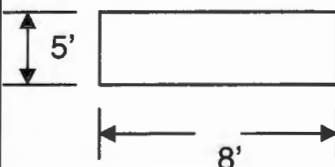
Galli Inspector: MT & BT Other People Present: Tom Stachecki

DEPTH	COLOR	LOG	DESCRIPTION OF SOIL	REMARKS
0.0	Surface: Surface Frost ~12 inches			
- 1.0	Dark Brown	6"	Fill, glass	0.0 ppm
- 2.0	Light Grey		Ash material, glass	0.0 ppm
- 3.0				
- 4.0				
- 5.0				
- 6.0	Dark Brown		Darker ash, glass	0.0 ppm
- 7.0				
- 8.0	Light Brown		Virgin Material	0.0 ppm
- 9.0				
-10.0				
-11.0				
-12.0				
-13.0				

NOTES:

TEST PIT PLAN

NORTH ARROW



▽ - Denotes Groundwater

TEST PIT FIELD LOG

Galli Engineering, P.C.
734 Walt Whitman Road, Suite 402-A
Melville, NY 11747

Site: 1205 Major Path Job No.: 0657-01-001

Date: 2-21-07 Time: 13:35 Weather: Sunny/Cold 45°

Location: 100' east TP-13 Test Pit Number: TP- 14

Excavator: Fernando Equipment: PC160 Komatsu

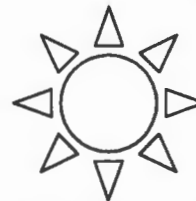
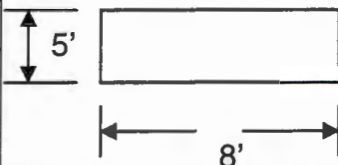
Galli Inspector: MT & BT Other People Present: Tom Stachecki

DEPTH	COLOR	LOG	DESCRIPTION OF SOIL	REMARKS
0.0	Surface: Surface Frost ~12 inches			
- 1.0	Dark Brown	6"	Loam	0.0 ppm
- 2.0				
- 3.0				
- 4.0	Light Brown		Virgin Material	0.0 ppm
- 5.0				
- 6.0				
- 7.0				
- 8.0				
- 9.0				
-10.0				
-11.0				
-12.0				
-13.0				

NOTES:

TEST PIT PLAN

NORTH ARROW



▽ - Denotes Groundwater

TEST PIT FIELD LOG

Galli Engineering, P.C.
734 Walt Whitman Road, Suite 402-A
Melville, NY 11747

Site: 1205 Major Path Job No.: 0657-01-001

Date: 2-21-07 Time: 13:50 Weather: Sunny/Cold 45°

Location: 30' east TP-14 Test Pit Number: TP- 15

Excavator: Fernando Equipment: PC160 Komatsu

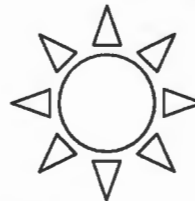
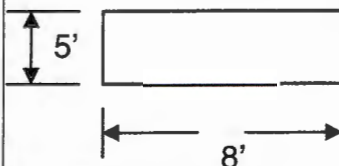
Galli Inspector: MT & BT Other People Present: Tom Stachecki

DEPTH	COLOR	LOG	DESCRIPTION OF SOIL	REMARKS
0.0	Surface: Surface Frost ~12 inches			
- 1.0	Dark Brown	2"	Loam Sand, gravel	0.0 ppm
- 2.0	Dark Brown		Sand mixed with dark MOT, red brick, metals	0.0 ppm
- 3.0	Dark Brown		Dark line of sand	0.0 ppm
- 4.0	Light Brown		Virgin Material	0.0 ppm
- 5.0				
- 6.0				
- 7.0				
- 8.0				
- 9.0				
- 10.0				
- 11.0				
- 12.0				
- 13.0				

NOTES:

TEST PIT PLAN

NORTH ARROW



▽ - Denotes Groundwater

TEST PIT FIELD LOG

Galli Engineering, P.C.
734 Walt Whitman Road, Suite 402-A
Melville, NY 11747

Site: 1205 Major Path Job No.: 0657-01-001

Date: 2-21-07 Time: 14:05 Weather: Sunny/Cold 45°

Location: 75' north TP-15 Test Pit Number: TP- 16

Excavator: Fernando Equipment: PC160 Komatsu

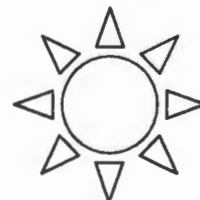
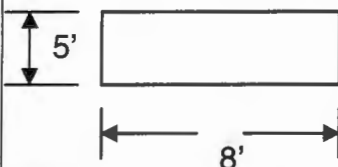
Galli Inspector: MT & BT Other People Present: Tom Stachecki

DEPTH	COLOR	LOG	DESCRIPTION OF SOIL	REMARKS
0.0	Surface: Surface Frost ~12 inches			
- 1.0	Dark Brown	3"	Loam, covert brick Metals, glass	0.0 ppm
- 2.0				
- 3.0				
- 4.0	Light Brown		Virgin Material	0.0 ppm
- 5.0				
- 6.0				
- 7.0				
- 8.0				
- 9.0				
-10.0				
-11.0				
-12.0				
-13.0				

NOTES:

TEST PIT PLAN

NORTH ARROW



▽ - Denotes Groundwater

TEST PIT FIELD LOG

Galli Engineering, P.C.
734 Walt Whitman Road, Suite 402-A
Melville, NY 11747

Site: 1205 Major Path Job No.: 0657-01-001

Date: 2-21-07 Time: 14:25 Weather: Sunny/Cold 45°

Location: 80' west TP-15 Test Pit Number: TP- 17

Excavator: Fernando Equipment: PC160 Komatsu

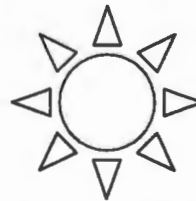
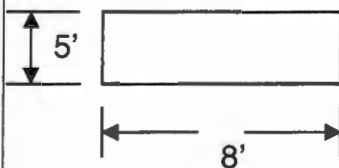
Galli Inspector: MT & BT Other People Present: Tom Stachecki

DEPTH	COLOR	LOG	DESCRIPTION OF SOIL	REMARKS
0.0	Surface: Surface Frost ~12 inches			
- 1.0	Dark Brown		Loam, red brick Metals, glass	0.0 ppm
- 2.0				
- 3.0	Light Grey		Light ash material, glass	0.0 ppm
- 4.0				
- 5.0				
- 6.0	Dark Brown		Dark ash, glass, metals	0.0 ppm
- 7.0	Light Brown		Virgin Material	0.0 ppm
- 8.0				
- 9.0				
-10.0				
-11.0				
-12.0				
-13.0				

NOTES:

TEST PIT PLAN

NORTH ARROW



▽ - Denotes Groundwater

TEST PIT FIELD LOG

Galli Engineering, P.C.
734 Walt Whitman Road, Suite 402-A
Melville, NY 11747

Site: 1205 Major Path Job No.: 0657-01-001

Date: 2-21-07 Time: 14:40 Weather: Sunny/Cold 45°

Location: 50' east TP-17 Test Pit Number: TP- 18

Excavator: Fernando Equipment: PC160 Komatsu

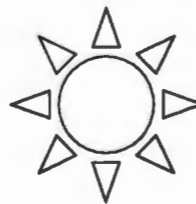
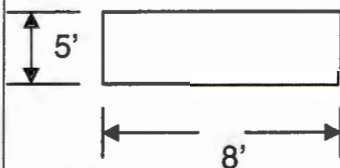
Galli Inspector: MT & BT Other People Present: Tom Stachecki

DEPTH	COLOR	LOG	DESCRIPTION OF SOIL	REMARKS
0.0	Surface: Surface Frost ~12 inches			
- 1.0	Dark Brown		Dark fill mixed with concrete	0.0 ppm
- 2.0				
- 3.0	Light Grey		Light ash material, glass	0.0 ppm
- 4.0				
- 5.0				
- 6.0	Dark Brown		Dark fill mixed with red brick	0.0 ppm
- 7.0				
- 8.0	Light Brown		Sand cover	0.0 ppm
- 9.0				
-10.0				
-11.0	Dark Brown		Dark soils, glass	0.0 ppm
-12.0	Light Brown		Virgin Material	0.0 ppm
-13.0				

NOTES:

TEST PIT PLAN

NORTH ARROW



▽ - Denotes Groundwater

TEST PIT FIELD LOG

Galli Engineering, P.C.
734 Walt Whitman Road, Suite 402-A
Melville, NY 11747

Site: 1205 Major Path Job No.: 0657-01-001

Date: 2-21-07 Time: 15:00 Weather: Sunny/Cold 45°

Location: 82' west TP-18 Test Pit Number: TP- 19

Excavator: Fernando Equipment: PC160 Komatsu

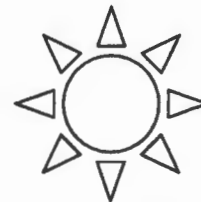
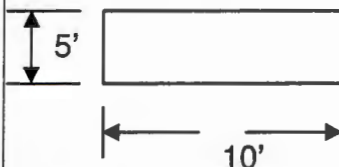
Galli Inspector: MT & BT Other People Present: Tom Stachecki

DEPTH	COLOR	LOG	DESCRIPTION OF SOIL	REMARKS
0.0	Surface: Surface Frost ~12 inches			
- 1.0	Dark Brown		Dark soil, Loam	0.0 ppm
- 2.0				
- 3.0				
- 4.0	Light Grey		Light ash material, glass, metals, cloths	0.0 ppm
- 5.0				
- 6.0				
- 7.0				
- 8.0				
- 9.0				
-10.0	Dark Brown		Ash, rust, bottles, red brick, metals	0.0 ppm
-11.0	Light Brown		Virgin Material	0.0 ppm
-12.0				
-13.0				

NOTES:

TEST PIT PLAN

NORTH ARROW



∇ - Denotes Groundwater

TEST PIT FIELD LOG

Galli Engineering, P.C.
734 Walt Whitman Road, Suite 402-A
Melville, NY 11747

Site: 1205 Major Path Job No.: 0657-01-001

Date: 2-21-07 Time: 15:25 Weather: Sunny/Cold 45°

Location: 110' north TP-18 Test Pit Number: TP- 20

Excavator: Fernando Equipment: PC160 Komatsu

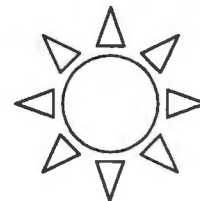
Galli Inspector: MT & BT Other People Present: Tom Stachecki

DEPTH	COLOR	LOG	DESCRIPTION OF SOIL	REMARKS
0.0	Surface: Surface Frost ~12 inches			
- 1.0		6"		
- 2.0				
- 3.0				
- 4.0				
- 5.0				
- 6.0				
- 7.0	Dark Brown		Ash, metals, light in color	0.0 ppm
- 8.0				
- 9.0				
-10.0				
-11.0				
-12.0				
-13.0	Dark Brown		Dark fill material, clear of debris	0.0 ppm

NOTES:

TEST PIT PLAN

NORTH ARROW



∇ - Denotes Groundwater

TEST PIT FIELD LOG

Galli Engineering, P.C.
734 Walt Whitman Road, Suite 402-A
Melville, NY 11747

Site: 1205 Major Path Job No.: 0657-01-001

Date: 2-21-07 Time: 15:40 Weather: Sunny/Cold 45°

Location: Near Screener Test Pit Number: TP- 21

Excavator: Fernando Equipment: PC160 Komatsu

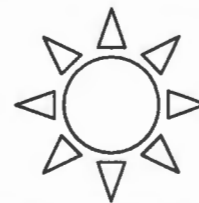
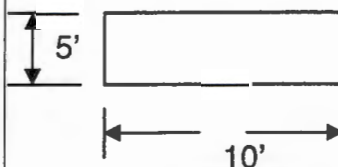
Galli Inspector: MT & BT Other People Present: Tom Stachecki

DEPTH	COLOR	LOG	DESCRIPTION OF SOIL	REMARKS
0.0	Surface: Surface Frost ~12 inches			
- 1.0				
- 2.0				
- 3.0				
- 4.0				
- 5.0	Dark Brown		Concrete, Brick, metals, hard to dig	0.0 ppm
- 6.0	Dark Brown		Fill material, clear of most debris	0.0 ppm
- 7.0				
- 8.0				
- 9.0				
-10.0				
-11.0				
-12.0				
-13.0	Dark Brown		Dark fill material, clear of debris	0.0 ppm

NOTES:

TEST PIT PLAN

NORTH ARROW



▽ - Denotes Groundwater

TEST PIT FIELD LOG

Galli Engineering, P.C.
734 Walt Whitman Road, Suite 402-A
Melville, NY 11747

Site: 1205 Major Path Job No.: 0657-01-001

Date: 2-21-07 Time: 15:55 Weather: Sunny/Cold 45°

Location: 140 west TP-21 Test Pit Number: TP- 22

Excavator: Fernando Equipment: PC160 Komatsu

Galli Inspector: MT & BT Other People Present: Tom Stachecki

DEPTH	COLOR	LOG	DESCRIPTION OF SOIL	REMARKS	
0.0	Surface: Surface Frost ~12 inches				
- 1.0					
- 2.0	Dark Brown		Sand, dirt	0.0 ppm	
- 3.0					
- 4.0					
- 5.0	Dark Brown		Dark fill	0.0 ppm	
- 6.0					
- 7.0					
- 8.0					
- 9.0					
-10.0					
-11.0	Dark Brown		Fill material, glass, ash, bottles	0.0 ppm	
-12.0					
-19.0	Dark Brown		Dark fill material, clear of debris	0.0 ppm	
NOTES:			TEST PIT PLAN		
▽ - Denotes Groundwater					

TEST PIT FIELD LOG

Galli Engineering, P.C.
734 Walt Whitman Road, Suite 402-A
Melville, NY 11747

Site: 1205 Major Path Job No.: 0657-01-001

Date: 2-21-07 Time: 16:15 Weather: Sunny/Cold 45°

Location: 140 south TP-22 Test Pit Number: TP- 23

Excavator: Fernando Equipment: PC160 Komatsu

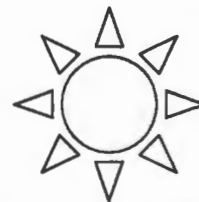
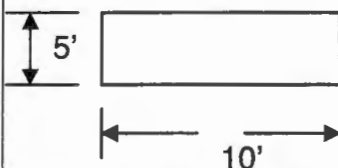
Galli Inspector: MT & BT Other People Present: Tom Stachecki

DEPTH	COLOR	LOG	DESCRIPTION OF SOIL	REMARKS
0.0	Surface: Surface Frost ~12 inches			
- 1.0				
- 2.0	Dark Brown		Top soil dirt	0.0 ppm
- 3.0				
- 4.0				
- 5.0				
- 6.0				
- 7.0				
- 8.0				
- 9.0				
-10.0				
-11.0				
-12.0	Dark Brown		Dark fill soil	0.0 ppm
-13.0	Light Brown		Virgin soil	0.0 ppm

NOTES:

TEST PIT PLAN

NORTH ARROW



▽ - Denotes Groundwater

TEST PIT FIELD LOG

Galli Engineering, P.C.
734 Walt Whitman Road, Suite 402-A
Melville, NY 11747

Site: 1205 Major Path Job No.: 0657-01-001

Date: 2-21-07 Time: 16:30 Weather: Sunny/Cold 45°

Location: 100 west TP-23 Test Pit Number: TP- 24

Excavator: Fernando Equipment: PC160 Komatsu

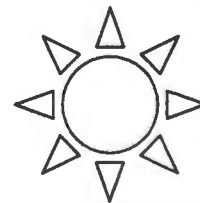
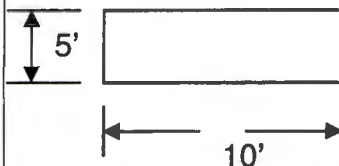
Galli Inspector: MT & BT Other People Present: Tom Stachecki

DEPTH	COLOR	LOG	DESCRIPTION OF SOIL	REMARKS
0.0	Surface: Surface Frost ~12 inches			
- 1.0	Dark Brown	6"	Loam, dirt Concrete, brick	0.0 ppm
- 2.0	Dark Brown		Dark ash	0.0 ppm
- 3.0	Dark Brown		Dark soil	0.0 ppm
- 4.0				
- 5.0				
- 6.0				
- 7.0				
- 8.0	Red, Orange		Ash red and rusty	0.0 ppm
- 9.0	Light Brown		Virgin soil	0.0 ppm
-10.0				
-11.0				
-12.0				
-13.0				

NOTES:

TEST PIT PLAN

NORTH ARROW



▽ - Denotes Groundwater

TEST PIT FIELD LOG

Galli Engineering, P.C.
734 Walt Whitman Road, Suite 402-A
Melville, NY 11747

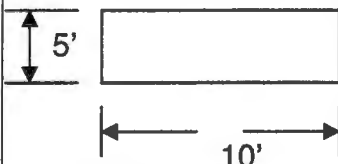
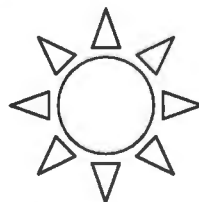
Site: 1205 Major Path Job No.: 0657-01-001

Date: 2-21-07 Time: 16:45 Weather: Sunny/Cold 45°

Location: 120 north TP-24 Test Pit Number: TP- 25

Excavator: Fernando Equipment: PC160 Komatsu

Galli Inspector: MT & BT Other People Present: Tom Stachecki

DEPTH	COLOR	LOG	DESCRIPTION OF SOIL	REMARKS	
0.0	Surface: Surface Frost ~12 inches				
- 1.0	Dark Brown		Dark soil material	0.0 ppm	
- 2.0					
- 3.0	Dark Brown		Mixed soil, ash, brick	0.0 ppm	
- 4.0					
- 5.0	Dark Brown		Dark fill,	0.0 ppm	
- 6.0					
- 7.0					
- 8.0					
- 9.0					
-10.0					
-11.0					
-12.0	Red, Orange		Red ash, glass	0.0 ppm	
-17.0	Dark Red		Red ash, glass	0.0 ppm	
NOTES:			TEST PIT PLAN	NORTH ARROW	
					
▽ - Denotes Groundwater					

Appendix D

Site Photos



















