HRP Associates, Inc.

Creating the Right Solutions Together

May 27, 2010

Michelle Duell
Mechanicville Public Library
190 North Main Street
Mechanicville, New York 12118

Mr. Anthony Sylvester
Mayor
City Hall
36 N. Main Street
Mechanicville, NY 12118

RE: UST CLOSURE REPORT FOR MECHANICVILLE LIGHT INDUSTRIAL PARK SITE (NYSDEC ERP Site# E546050)

Dear Ms. Duell and Mayor Sylvester:

Enclosed please find an UST Closure Report for the Mechanicville Light Industrial Park site (NYSDEC ERP Site# E546050) in Mechanicville, New York. In order to satisfy the Citizen Participation Plan requirements, we are sending you a copy of the work plan and requesting you act as a repository for its storage.

Please contact me with any questions at 518.877.7101 x108.

Sincerely yours,

HRP Associates, Inc.

Cailyn E. Dinan
Senior Project Geologist

cc: Alicia Thorne/NYSDEC

CONNECTICUT

197 Scott Swamp Road
Farmington, CT 06032
800-246-9021
860-674-9570
FAX 860-674-9624

501 Kings Highway East
Fairfield, CT 06825
203-610-8212
FAX 203-610-8102

FLORIDA

8875 Hidden River Parkway
Suite 300
Tampa, FL 33637
888-477-1877
813-975-7178
FAX 813-975-7170

INDIANA

450 East 96th Street
Suite 500
Indianapolis, IN 46240
317-581-6145
FAX 317-581-6146

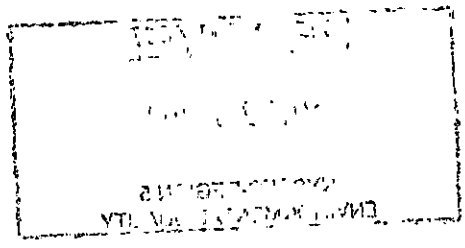
NEW YORK

1 Fairchild Square
Suite 110
Clifton Park, NY 12065
888-823-6427
518-877-7101
FAX 518-877-8561

SOUTH CAROLINA

1327 Miller Road
Suite D
Greenville, SC 29607
800-752-3922
864-289-0311
FAX 864-281-9846

www.hrpassociates.com



HRP *Associates, Inc.*

Creating the Right Solutions Together

May 27, 2010

Mayor Anthony Sylvester
City of Mechanicville
36 North Main Street
Mechanicville, New York 12118

RE: SUMMARY OF ACTIVITIES: REMOVAL OF A 275-GALLON UNDERGROUND STORAGE TANK AT THE MECHANICVILLE LIGHT INDUSTRIAL PARK, MECHANICVILLE, NEW YORK (HRP # MEC2001.P2), Spill # 09-13855, ERP # E546050

Dear Mayor Sylvester:

This letter-report provides a summary of the April 2010 activities associated with the removal of a 275-gallon No. 2 fuel oil underground storage tank (UST) and associated wastes and petroleum contaminated soils at the Mechanicville Light Industrial Park in Mechanicville, Saratoga County, New York (the site).

HRP utilized *DRAFT Technical Guidance for Site Investigation and Remediation (DER-10), (date November 2009)* as general guidance while executing the excavation activities and confirmatory soil sampling onsite. The remainder of this letter-report discusses the project background, field activities, analytical results, findings and conclusions.

BACKGROUND

Environmental Restoration Program

The City of Mechanicville entered into the New York State (NYS) Environmental Restoration Program (ERP) State Assistance Contract (SAC), # C303093, with the NYSDEC to investigate the 25.0± acre Mechanicville Light Industrial Park site. The SAC, ERP site number E546050, was executed on March 21, 2006.

CONNECTICUT
197 Scott Swamp Road
Farmington, CT 06032
800-246-9021
860-674-9570
FAX 860-674-9624

501 Kings Highway East
Fairfield, CT 06825
203-610-8212
FAX 203-610-8102

FLORIDA
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Suite 300
Tampa, FL 33637
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813-975-7178
FAX 813-975-7170

INDIANA
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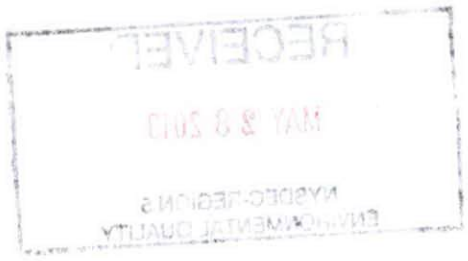
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NYSDEC-REGION 5
ENVIRONMENTAL QUALITY

A Remedial Investigation (RI) was performed by HRP Associates for the City of Mechanicville under the ERP from June 2007 through May 2009 to characterize the nature and extent of contamination at the Mechanicville Light Industrial Park site. The investigation consisted of a Ground Penetrating Radar (GPR) survey, the installation of test pits, monitoring wells and soil borings; groundwater, surface and subsurface soil sampling and analysis; completion of public well survey and a professional survey of locations of the test pits, surface soil samples, subsurface soil boring samples and newly installed groundwater monitoring wells; and soil vapor collection and analysis. A Record of Decision (ROD) for the site was signed on February 19, 2010 and requires the following: a two-foot thick clean soil cover underlain by a demarcation layer in the future softball field area, a one-foot thick clean soil cover underlain by a demarcation layer in the industrial area, and 6 inch cover of concrete or paving system for all non-vegetative areas. As part of the ROD, HRP is currently preparing a Site Management Plan (SMP). The SMP is a plan intended for use in managing any remaining contamination at the site.

Current & Historic Site Usage

A 275-gallon UST was discovered in the easternmost portion of the ±25 acre Mechanicville Light Industrial Park site in March 2010. This portion of the subject site is ±2.7-acres in size and is nearly rectangular in shape. The UST discovery is described in detail below.

Historically, the easternmost (rectangular) portion of the site consisted of vacant, undeveloped land prior to circa 1921 when Boston and Maine Railroad developed the site for use as a rail yard. At that time, the subject site was part of an approximately 200-acre parcel owned by the railroad. From 1921 to the mid to late 1980s, the easternmost (rectangular) portion of the subject site was not developed with any major structures (i.e. power house, sand house, coal trestle etc); however, the land was utilized as part of the railroad yard operation. The land immediately northeast of the eastern portion of the site was historically and is currently occupied by railroad tracks.

Since 1996, the easternmost (rectangular) portion of the ±25 acre site has consisted of undeveloped land. During the winter and spring months, the Mechanicville Department of Public Works (DPW) utilizes this area for snow storage.

UST Discovery

On March 30, 2010, Mechanicville DPW personnel were working onsite attempting to locate and uncover a network of storm sewers. While excavating a small area of earthen material on the eastern portion of the subject site, the DPW encountered an UST at approximately one to two feet below the ground surface. The tank was noted to contain a water/fuel oil mixture. The DPW personnel immediately ceased operations and notified HRP of the discovery. HRP notified the NYSDEC of the UST discovery and spill # 09-13855 was assigned to the site. The NYSDEC directed the UST be removed as part of the remedial actions under the existing ERP program. The UST had not been detected during the previous GPR survey of the site due to the size of the UST and due to the undulating soils deposited by melting snow piles in

this area of the site. Provided below is a summary of the underground storage tank that was subject to closure under the scope of this report.

Summary of Underground Storage Tank

The 275-gallon fuel oil UST was located on the ±2.7 acre rectangular portion of the subject site, approximately 300 feet east of the DPW building and approximately twenty feet north of Industrial Park Road (see Figure 1 for Site Location and Figure 2 for Site Plan detailing the tank location). This area of the site consists of grassy, undeveloped land. According to the City of Mechanicville, a former building may have been present in this area of the site, which the UST may have been associated with. A general description of the UST is provided below:

- The UST was 275-gallons in capacity and constructed of riveted steel. The tank was covered with earthen material and located on the eastern portion of the site in a manicured lawn area. Underground piping associated with this UST was not present in the excavation. The tank was noted to contain a water/fuel oil mixture. No information was available regarding the date of installation of the UST or the exact use(s) of the UST.

Provided below is a summary of the field activities associated with the removal of the UST detected in the eastern portion of the subject property.

FIELD ACTIVITIES

Preliminary Activities

On March 30, 2010, HRP notified the NYSDEC of the UST discovery and spill # 09-13855 was assigned to the site. The NYSDEC directed the UST be removed as part of the remedial actions under the existing ERP program. Prior to any ground intrusive activities, HRP prepared a project-specific Health and Safety Plan (HASP), in accordance with 29 CFR 1910.120. Field activities were performed by appropriately trained and certified individuals in accordance with HRP's health and safety protocols and applicable federal, state, and local regulations. In addition, HRP contacted the local utilities via the Underground Facilities Protection Organization (UFPO) to perform a utility mark out of the site.

275-Gallon UST Removal

On April 5, 2010, HRP supervised the removal of the 275-gallon UST. HRP contracted MC Environmental Services, Inc. of Queensbury, New York (MCES) to provide labor and equipment to facilitate the UST removal. MCES utilized an excavator, vacuum truck and disposal trucks to complete the project. Prior to removing this UST, the soil present above

the UST was removed to expose the top of the UST. Approximately 107 gallons of remaining product/water was removed from the UST using a vacuum truck (manifest in Attachment #2).

Next, the soil around the perimeter of the UST was removed. HRP screened the soil for the presence of volatile organic compounds (VOCs) with a photo ionization detector (PID). Evidence of contamination (petroleum odors, staining, and PID readings >25ppm) was noted on soils from the perimeter of the UST. The impacted soils were subsequently excavated and placed on a remote staging location on 6-mil polyethylene sheeting (poly). As previously noted piping lines were not observed to be attached to the UST and were not present in the excavation area. The excavation continued until the perimeter of the UST was accessible. MCES utilized a backhoe to remove the UST from the ground and placed it on 6-mil poly sheeting. Upon removal from the excavation, the UST was inspected for corrosion, holes, cracks and pitting by an HRP representative. Holes were observed in one side (western side) of the tank and along the bottom of the tank (See Attachment #1). The removed UST was then saw cut, crushed and placed in a roll-off container for disposal.

Further excavation was halted at this time because MCES received a call indicating all utilities had not yet been marked in the field, even though a full week was given for utility clearance. As a result, the small amount of impacted soil that had already been removed from the excavation was placed at the bottom of the excavation and covered with 6-mil poly sheeting. The previously removed un-impacted soil and clean fill provided by MCES was placed in the excavation above the poly sheeting. The excavation was brought to grade and plans were made to complete the excavation of impacted soils in the UST area at a later date. The dimensions of the initial excavation were six feet east to west, three and one half feet north to south and approximately six feet deep.

On April 15, 2010, after all utilities were cleared, HRP was back onsite to supervise the removal of impacted soil in the area of the 275-gallon fuel oil UST that was removed from the site on April 5, 2010. The un-impacted soil and clean fill previously placed in the excavation above the poly sheeting was removed and placed to the side for reuse as backfill. Impacted soil previously placed back in the excavation was removed and stockpiled on separate poly sheeting. The tank grave was then reviewed for physical evidence of contamination (odor or staining) and selected soil samples were subjected to headspace screening via a photoionization detector (PID) to evaluate the presence of volatile hydrocarbons. HRP determined that the UST had historically leaked based on our review of the soils within the tank grave and the observed condition of the UST.

Fuel oil stained soil was removed from the bottom and north, west and south sidewalls of the tank grave. The soils from the eastern sidewall and bottom of the excavation did not appear to be impacted by a release. It should be noted that a concrete storm sewer pipe (approximately two feet in diameter) was encountered in the eastern end of the excavation. The excavation was extended further to the north, west and south and further below ground surface (bgs) to remove all impacted soil. Shale bedrock was encountered at approximately ten feet in the western end of the excavation. The presence of the concrete piping associated with the storm sewer in the eastern end of the excavation prohibited soil removal from the base of the excavation (greater than six feet) in this area.

The final dimensions of the excavation area were approximately twenty six feet east to west, fifteen feet north to south over the western end of the excavation, eight feet north to south over the eastern end of the excavation and ten feet deep (on bedrock) in the western end of the excavation. The depth of the excavation in the eastern end could not be completed to bedrock due to the presence of the drainage pipe in this area. A small amount of groundwater was encountered at approximately ten (10) feet bgs. A slight sheen was observed on the small amount of water entering the excavation. A total of 68.04 tons of contaminated soil was excavated and transported offsite for proper disposal (manifest in Attachment #2).

Prior to backfilling the excavation, HRP collected five soil samples from the excavation sidewalls and bottom (Sidewall – N, Sidewall – S, Sidewall – E, Sidewall – W and Bottom). It should be noted that the sample collected from the bottom of the excavation (Bottom) was collected from the western side/bottom of the excavation only, due to the presence of the drainage piping in the eastern area of the excavation bottom.

Sample ID	Sample Depth (ft bgs)	PID Reading (ppm)
Sidewall-N	5-6	5.4 – 7.1
Sidewall-S	5-6	2.3 – 4.5
Sidewall-E	5-6	3.2 – 5.4
Sidewall-W	5-6	1.7 – 4.4
Bottom	10	17 – 23

Since the amount of groundwater that entered the bottom of the excavation was very limited, a groundwater sample was not collected from the excavation. The soil samples were submitted to a New York State certified laboratory for analysis of Complete VOCs via USEPA method 8260B, STARS SVOCs via USEPA Method 8270C, and RCRA 8 metals.

Excavation Backfill

Subsequent to UST and contaminated soil removal the excavation was backfilled with both previously stockpiled, uncontaminated soil and clean fill (sand and gravel) provided by MCES. The excavation was backfilled to grade and periodically compacted with the bucket of the excavator and then with a tamper. In total, seventy (70) tons of clean fill was used to bring the excavation to grade. Grass seed was planted in the excavated area following the backfilling of the excavation.

Contaminated Soil and Water Disposal

As previously noted, during the course of the UST removal, contaminated soil was encountered and excavated. Where physical evidence of contamination was noted (odors, PID readings above 25 ppm via headspace), then the excavation area was extended to the limits of observed contamination, except in the area where the concrete piping was encountered. Any contaminated soil encountered was stockpiled on a remote polyethylene

lined staging area. A total of 68.04 tons of contaminated soil was removed during the UST removal activities. The soil was transported by MCES to ESMI of New York located in Fort Edward, New York for disposal. Copies of the disposal manifests are included in Attachment #2. Only a limited amount of groundwater was encountered in the excavation during the tank removal activities, as such no contaminated water was removed from the excavation area.

In addition, during the excavation and UST removal activities, 107 gallons of contaminated water/fuel was generated. The total 107 gallons of water/fuel was removed from the UST prior to the UST being removed from the ground. A vac-truck was utilized to remove the water/fuel mixture from the UST. The contaminated water/fuel mixture was transported to Bridgeport United Recycling in Bridgeport, Connecticut for treatment and disposal. Copies of disposal manifests are included in Attachment #2.

ANALYTICAL RESULTS

As previously noted, a total of five (5) confirmatory soil samples were collected from the excavation. The soil samples were submitted to a NYS certified laboratory for analysis of Complete VOCs via USEPA method 8260B, STARS SVOCs via USEPA method 8270C and RCRA 8 metals via USEPA method 6000/7000 Series. The locations of the soil samples are presented on Figure 2. A summary of the analytical results is presented in Table 1. The complete laboratory forms are presented in Attachment #3. HRP compared the confirmatory soil sample results to:

- Subpart 375-6: Remedial Program Soil Cleanup Objectives, Technical Support Document (TSD). "Technical Support Document" is also known as the "New York State Brownfield Cleanup Program Development of Soil Cleanup Objectives Technical Support Document" dated September 2006. This document presents the assumptions, rationale, algorithms and calculations utilized by the Department and the New York State Department of Health to develop the soil cleanup objectives in ECL 27-1415(6). It should be noted that Part 375 Standards are applicable to the sites in NYS Brownfields Cleanup program, Inactive Hazardous Waste Disposal Sites, or Environmental Restoration Program. Specifically, HRP compared soil sample results against Part 375 Protection of Public Health Unrestricted Use Soil Cleanup Objective (Unrestricted SCO) and the Industrial Use Soil Cleanup Objective (Industrial SCO).

North Wall of Excavation

One confirmatory soil sample (Sidewall - N) was collected from the north wall of the excavation. No VOCs or SVOCs were detected above the laboratory detection limits. Seven of the total eight metals analyzed were detected in this soil sample; however, only one metal, chromium, exceeded the SCOs. Chromium, detected at a concentration of 29.9 ppm slightly exceeded the Unrestricted SCO of 1 ppm, but was well below the Industrial SCO of 800 ppm.

South Wall of Excavation

One confirmatory soil sample (Sidewall - S) was collected from the south wall of the excavation. No SVOCs were detected above laboratory detection limits. Two VOCs, acetone and 2-Butanone (MEK) were detected above laboratory detection limits; however, only acetone, at a concentration of 250 ppb, exceeded the Unrestricted SCO (50 ppb), but was well below the Industrial SCO (1,000,000 ppb). Acetone is a commonly used laboratory cleaner, the detection of which is likely attributed to laboratory contamination. Six of the eight metals analyzed for were detected in this sample; however, only one metal, chromium exceeded the SCOs. Chromium was detected at a concentration of 29.4 ppm, which slightly exceeded the Unrestricted Use SCO (1 ppm), but was well below the Industrial SCO (800 ppm).

East Wall of Excavation

One confirmatory soil sample (Sidewall - E) was submitted for analysis from the east wall of the excavation. No VOCs were detected above laboratory detection limits. Low concentrations of several SVOCs were detected in the soil sample; however, none were detected at concentrations exceeding the Unrestricted or Industrial SCOs. Of the eight metals analyzed, concentrations of seven metals were detected; however, only chromium exceeded the SCOs. Chromium was detected at a concentration 17.8 ppm, slightly exceeding the Unrestricted SCO of 1 ppm, but well below the Industrial SCO of 800 ppm.

West Wall of Excavation

One confirmatory soil sample (Sidewall - W) was submitted for analysis from the south wall of the excavation. No SVOCs were detected above laboratory detection limits. One VOC, acetone, was detected above laboratory detection limits at a concentration of 140 ppb, which slightly exceeded the Unrestricted SCO (50 ppb), but was well below the Industrial SCO (1,000,000 ppb). Of the eight metals analyzed, concentrations of seven metals were detected; however, only chromium exceeded the SCOs. Chromium was detected at a concentration 17.8 ppm, slightly exceeding the Unrestricted SCO of 1 ppm, but was well below the Industrial SCO of 800 ppm.

Bottom of Excavation

One confirmatory soil sample (Bottom) submitted for analysis was collected along the western side of the bottom of the excavation (drainage pipe blocking eastern side). Several VOCs and SVOCs were detected above laboratory detection limits; however, none were detected above Unrestricted or Industrial SCOs. Of the eight metals analyzed, concentrations of seven metals were detected; however, only chromium exceeded the SCOs. Chromium was detected at a concentration 17.8 ppm, slightly exceeding the Unrestricted Use SCO of 1 ppm, but was well below the Industrial SCO of 800 ppm.

Copies of the laboratory analytical reports are included as Attachment #3.

CONCLUSIONS

Based upon the data collected to date, HRP has the following conclusions:

- In March 2010, HRP notified the NYSDEC of an UST discovery and Spill #09-13855 was assigned to the site. The NYSDEC directed the UST be removed as part of the remedial actions under the existing ERP program.

- In April 2010, HRP Associates, Inc. (HRP) removed a 275-gallon No. 2 fuel oil underground storage tank (UST) at the Mechanicville Light Industrial Park in Mechanicville, Saratoga County, New York. The tank (no associated piping) was emptied, properly cleaned and sent off-site as scrap.

- Remedial activities have been completed associated with the petroleum release detected during the removal of the former UST, including:

    - The excavation and off-site disposal of 68.04 tons of contaminated soil; and
    - The removal and off-site treatment of 107 gallons of a water/fuel mixture from the UST

- Five confirmatory soils samples were collected from the sidewalls and bottom of the excavation and analyzed for Complete VOCs via USEPA Method 8260B, STARS SVOCs via USEPA Method 8270C and RCRA 8 Metals via USEPA Method 6000/7000 Series. Chromium was detected in all five soil samples (Sidewall-N, Sidewall-S, Sidewall-E, Sidewall-W and Bottom) at concentrations (17.8 - 29.4 ppm) slightly above the Unrestricted SCO (1 ppm), but well below the Industrial SCO (800 ppm). In soil samples Sidewall – S and Sidewall – W, the concentrations of acetone slightly exceeded the Unrestricted SCO (50 ppb) at concentrations of 250 ppb and 140 ppb, but were well below the Industrial SCO (1,000,000 ppb). Acetone is typical laboratory cleaner. The detection of acetone is likely attributed to laboratory contamination. The detection of chromium in all five soil samples is likely attributable to historic uses of the property as a railroad yard.

RECOMMENDATIONS

Based on the findings to date, HRP recommends the following:

- This report be submitted to the NYSDEC and closure of Spill #09-13855 be requested. HRP can submit this request upon Client authorization.

If you have any questions regarding this letter-report, please do not hesitate to contact HRP Associates, Inc. at (518) 877-7101.

Sincerely,
HRP ASSOCIATES, INC.

Jolene Lozewski
Project Geologist

Cailyn Locci
Senior Project Geologist

Jeffrey R. Sotek, PE, CSP, CIH
Senior Project Manager

cc: Ms. Alicia Thorne/NYSDEC Region 5

FIGURES

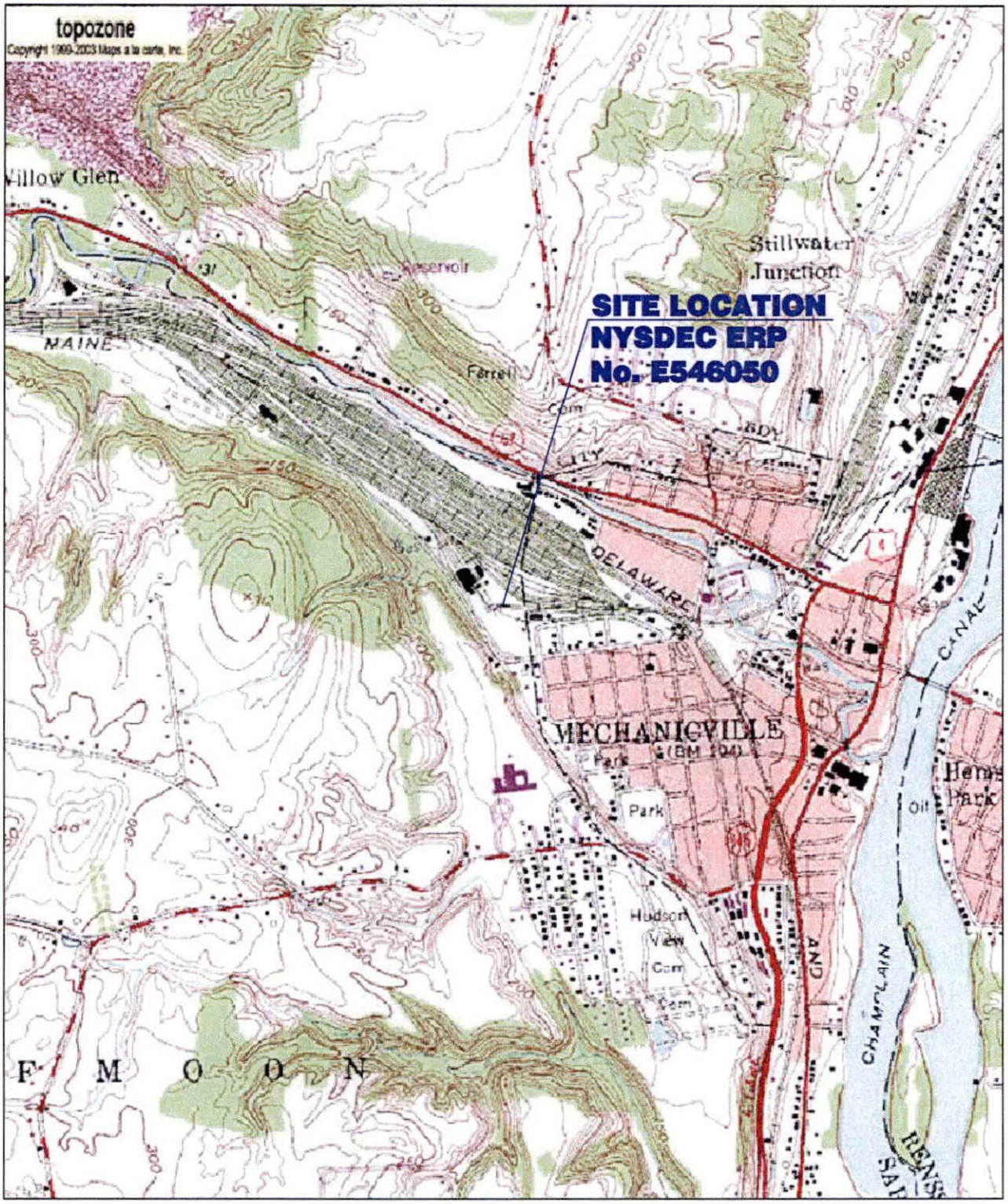


FIGURE 1
SITE LOCATION
MECHANICVILLE
INDUSTRIAL PARK
MECHANICVILLE, NY
HRP # MEC2000.P2
NYSDEC ERP # E546050

S:\Data\M\MECHC - CITY OF MECHANICVILLE\FORMER RAILROAD YARD - D,HB,M, MECHANICVILLE, NY\MEC2000P2\CAD\SITE LOCATION.dwg, Layout1, 1/8/2009 1:14:54 PM

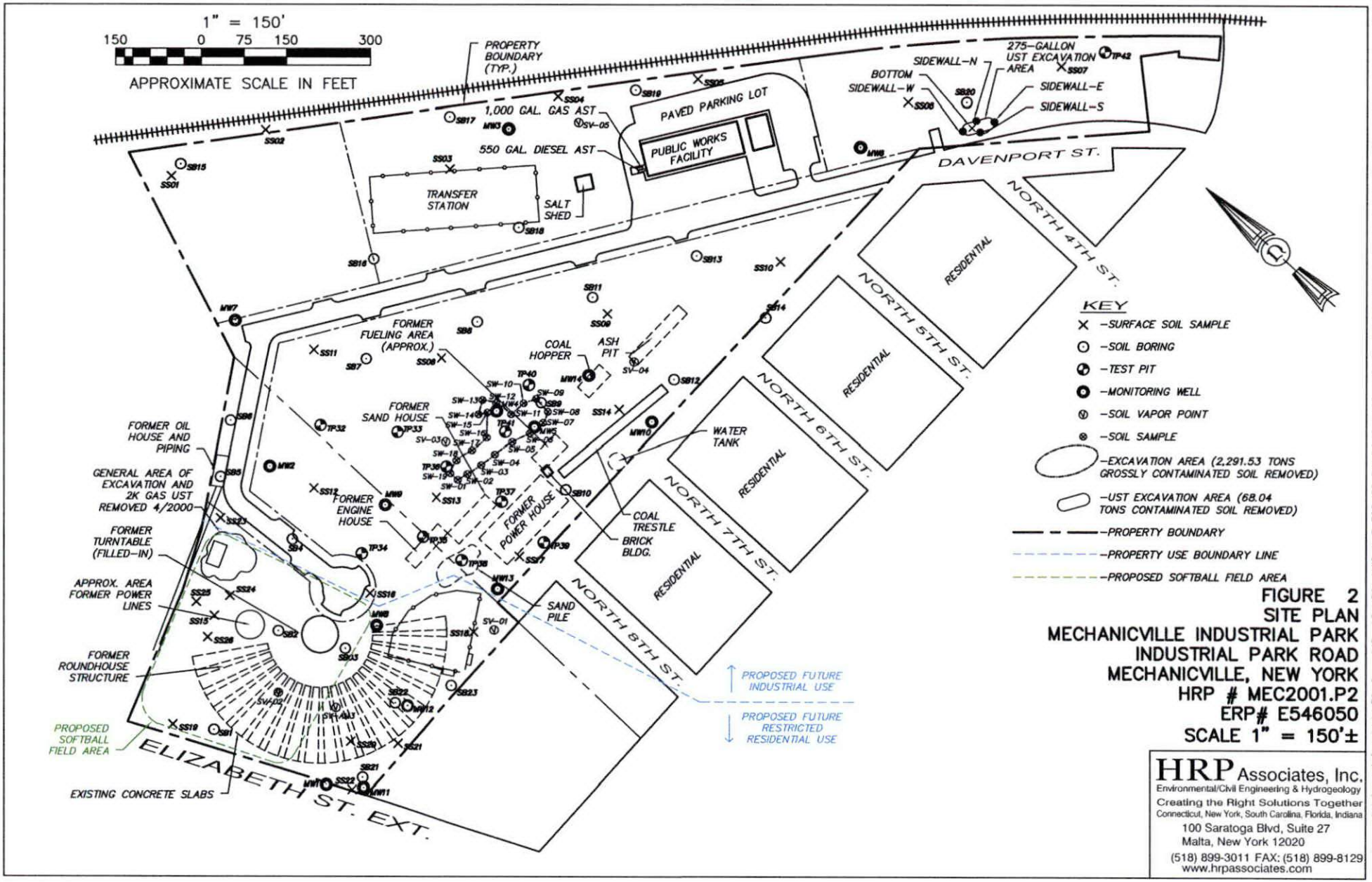


FIGURE 2
SITE PLAN
MECHANICVILLE INDUSTRIAL PARK
INDUSTRIAL PARK ROAD
MECHANICVILLE, NEW YORK
HRP # MEC2001.P2
ERP# E546050
SCALE 1" = 150'±

HRP Associates, Inc.
Environmental/Civil Engineering & Hydrogeology
Creating the Right Solutions Together
Connecticut, New York, South Carolina, Florida, Indiana
100 Saratoga Blvd, Suite 27
Malta, New York 12020
(518) 899-3011 FAX: (518) 899-8129
www.hrpassociates.com

TABLE

Table 1
Mechanicville Industrial Park
Mechanicville, NY
April 15, 2010
375-6 SCO - Protection of Public Health - Unrestricted & Industrial Use
Soil Samples - Analyzed for VOCs, SVOCs and RCRA 8 Metals
(Only detected constituents are listed)

Soil Sample ID	Sidewall - N	Sidewall - S	Sidewall - E	Sidewall - W	Bottom	375-6 SCO - Protection of Public Health - Unrestricted Use	375-6 SCO - Protection of Public Health - Industrial Use
Sample Depth (ft bgs)	(5-6)	(5-6)	(5-6)	(5-6)	(10)		
Date Collected	4/15/2010	4/15/2010	4/15/2010	4/15/2010	4/15/2010		
RCRA 8 Metals (mg/kg or ppm)							
Arsenic	**3.57**	<1.60	**9.57**	**3.65**	**10.1**	13 c	16
Barium	**131**	**191**	**97**	**172**	**114**	350	10,000
Cadmium	**1.10**	**1.1**	**1.18**	**1.26**	**1.36**	2.5	60
Chromium*	**20.9**	**29.4**	**17.8**	**23.3**	**23.1**	1	800
Lead	**13.6**	**9.41**	**25.3**	**13.8**	**40.5**	63	3,900
Mercury	**0.0534**	**0.035**	**0.0798**	**0.0704**	**0.0843**	0.18	5,700
Selenium	**1.10**	**0.886 J**	**0.890 J**	**0.930 J**	**1.36 J**	3.9	6,800
Silver	<1.88	<1.60	<1.56	<1.86	<1.92	2	6,800
STARs SVOCs (ug/kg or ppb)							
Acenaphthene	<226	<256	<265	<240	**307 J**	20,000	1,000,000
Anthracene	<226	<256	<265	<240	**152 J**	100,000	1,000,000
Benzo(a)anthracene	<226	<256	**83.4 J**	<240	<426	1,000	11,000
Benzo(a)pyrene	<226	<256	**105 J**	<240	<426	1,000	1,100
Benzo(b)fluoranthene	<226	<256	**153 J**	<240	<426	1,000	11,000
Benzo(ghi)perylene	<226	<256	**46.0 J**	<240	<426	100,000	1,000,000
Benzo(k)fluoranthene	<226	<256	**115 J**	<240	<426	800	110,000
Chrysene	<226	<256	**107 J**	<240	<426	1,000	110,000
Dibenzofuran	<452	<511	<529	<481	**495 J**	NE	NE
Fluoranthene	<226	<256	**165 J**	<240	**57.7 J**	100,000	1,000,000
Fluorene	<226	<256	<265	<240	**911**	30,000	1,000,000
Indeno(1,2,3-cd)pyrene	<226	<256	**56.6 J**	<240	<426	500	11,000
1-Methylnapthalene	<226	<256	**29.4 J**	<240	**3,770**	NE	NE
Phenanthrene	<226	<256	**53.4 J**	<240	**1,500**	100,000	1,000,000
Pyrene	<226	<256	**157 J**	<240	**117 J**	100,000	1,000,000
VOCs (ug/kg or ppb)							
Acetone	(<62.5)	**260**	(<72.5)	**140**	(<1,770)	50	1,000,000
2-Butanone (MEK)	<62.5	**26.6 J**	<72.5	<94.2	<1,770	NE	NE
n-Burtylbenzene	<6.3	<6.8	<7.3	<9.4	**2,400**	12,000	NE
sec-Butylbenzene	<6.3	<6.8	<7.3	<9.4	**1,420**	11,000	1,000,000
tert-Butylbenzene	<6.3	<6.8	<7.3	<9.4	**241**	5,900	1,000,000
Isopropylbenzene	<6.3	<6.8	<7.3	<9.4	**527**	NE	NE
n-Propylbenzene	<6.3	<6.8	<7.3	<9.4	**848**	3,900	1,000,000
1,2,4-Trimethylbenzene	<6.3	<6.8	<7.3	<9.4	**165 J**	3,600	380,000

Bold	Sample Exceeds Unrestrictive Use Objective
*	Chromium DEC standards as shown are for Hexavalent Chromium.
NE	Not Established
mg/kg or ppm	milligrams per kilogram or parts per million
ug/kg or ppm	micrograms per kilogram or parts per million
( )	Indicates the stated minimum detectable level exceeds an SCO criteria
STARs SVOCs	NYSDEC Spill Technology and Remediation Series Volatile Organic Compounds - Samples analyzed via United States Environmental Protection Agency Method 8270C
VOCs	Volatile Organic Compounds - Samples analyzed via United States Environmental Protection Agency Method 8260B
RCRA	Resource Conservation and Recovery Act
J	Detected above the Method Detection Limit but below the Reporting Limit, therefore, result is an estimated concentration
ft bgs	feet below ground surface

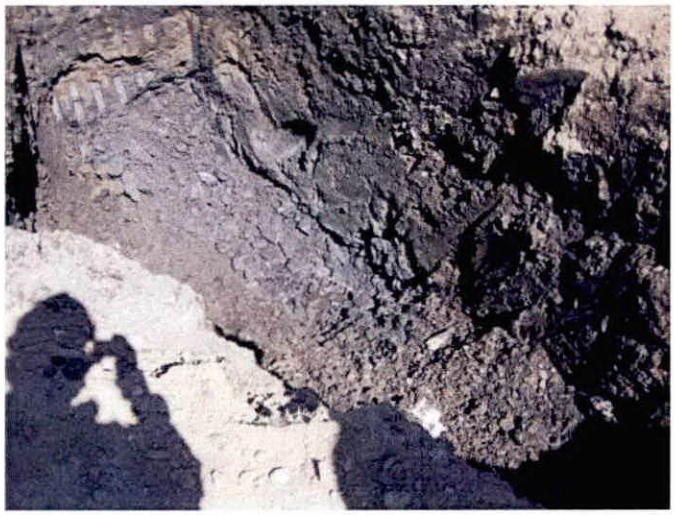
ATTACHMENT #1

PHOTOGRAPHS

Uncovering the UST

Removing the water/fuel oil mixture from the UST

UST being removed. Note: Holes in side of tank – April 5, 2010



Impacted (stained) soil observed in excavation

Groundwater collected in excavation

Completion of excavation

ATTACHMENT #2

WASTE MANIFESTS

This Memorandum is an acknowledgment that a Bill of Lading has been issued and is not Original Bill of Lading, nor a copy or duplicate, covering the property named herein, and is intended solely for filing or record.

Shipper No. _____

Page 1 of 1

MC ENVIRONMENTAL SERVICES, INC.

(Name of carrier) (SCAC)

Carrier No. 5A-175

Date 4/5/10

On Collect on Delivery shipments, the letters "COD" must appear before consignee's name or as otherwise provided in Item 430, Sec.1.

TO:
Consignee Norlite Corporation
Street 628 South Saratoga Ave
City Colonie State NY Zip Code 12047

FROM:
Shipper City of Mechanicville
Street Davenport Street
City Mechanicville State NY Zip Code
24 hr. Emergency Contact Tel. No. (800) 451-8984

Route BESTWAY

Vehicle Number 054

No. of Units & Container Type	HM	BASIC DESCRIPTION Proper Shipping Name, Hazard Class UN or NA Number, Packing Group or UN or NA Number, Proper Shipping Name, Hazard Class, Packing Group	TOTAL QUANTITY (Weight, Volume, Gallons, etc.)	WEIGHT (Subject to Correction)	RATE	CHARGES (For Carrier Use Only)
1 T		#2 Fuel Oil & Water Mix	107	gallons		
		3 NA 1993 PG III				
				Net Wt.		
		SAN T0402100091		4/5/10		

PLACARDS TENDERED: YES ☒ NO ☐

Note — (1) Where the rate is dependent on value, shippers are required to state specifically in writing the agreed or declared value of the property, as follows: "The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____." (2) Where the applicable tariff provisions specify a limitation of the carrier's liability absent release or a value declaration by the shipper and the shipper does not release the carrier's liability or declare a value, the carrier's liability shall be limited to the extent provided by such provisions. See NMFC Item 172. (3) Commodities requiring special or additional care or attention in handling or stowing must be so marked and packaged as to ensure safe transportation. See Section 2(e) of Item 360, Bills of Lading, Freight Bills and Statements of Charges and Section 1(a) of the Contract Terms and Conditions for a list of such articles.

I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name and are classified, packaged, marked and labelled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

_____ Signature

REMIT C.O.D. TO: ADDRESS

COD Amt: $

C.O.D. FEE: PREPAID ☐ COLLECT ☐ $

TOTAL CHARGES $

FREIGHT CHARGES FREIGHT PREPAID except when box at right is checked ☐ Check box if charges are to be collect

Subject to Section 7 of the conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

_____ (Signature of Consignor)

RECEIVED, subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading, the property described above in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated above which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of, said property over all or any portion of said route to destination and as to each party at any time interested in all or any said property, that every service to be performed hereunder shall be subject to all the bill of lading terms and conditions in the governing classification on the date of shipment.

Shipper hereby certifies that he is familiar with all the lading terms and conditions in the governing classification and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

SHIPPER Jolene Zapoli (HRP Associates)

PER Mechanicville Industrial Park (City of Mechanicville)

CARRIER MC ENVIRONMENTAL SERVICES, INC.

PER _____

DATE 4/5/10

3

Permanent post-office address of shipper.

PRINTED ON RECYCLED PAPER USING SOYBEAN INK PRINTED WITH SOY INK

NON-HAZARDOUS WASTE MANIFEST

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

NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.: N/A

Manifest Document No.: 040510-1

2. Page 1 of 1

3. Generator's Name and Mailing Address: City of Mechanicville, 36 North Main Street, Mechanicville NY, 12188

4. Generator's Phone: (518) 664-9884

City of Mechanicville
Davenport Rd Mechanicville NY

5. Transporter 1 Company Name: MC Environmental Services, Inc

6. US EPA ID Number: NYR000021071

A. State Transporter's ID: SA-175

B. Transporter 1 Phone: 518-615-0349

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address: Bridgeport United Recycling, 50 Cross Street, Bridgeport CT. 06610

10. US EPA ID Number: CTD002593897

E. State Facility's ID

F. Facility's Phone: 800-404-4408

11. WASTE DESCRIPTION	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt./Vol.
a. Connecticut Regulated Waste, None, None	1	DM	400	P
b.				
c.				
d.				

G. Additional Descriptions for Materials Listed Above

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

CR05

16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

As Agent of

Printed/Typed Name: Michael G. Craft — Signature: Michael G. Craft — Date: Month 04 Day 05 Year 10

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Michael G. Craft — Signature: Michael G. Craft — Date: Month 04 Day 05 Year 10

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name — Signature — Date: Month Day Year

19. Discrepancy Indication Space

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

Printed/Typed Name — Signature — Date: Month Day Year

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

DOT 479096
FAC # 3460383

JOHNSON'S AUTO CRUSHER

BALLARD ROAD
WILTON, NY 12831

A 17530

DATE 4-5

SOLE OWNER MCES YEAR ____

ADDRESS ____ MAKE ____

COMP ____ INC ____ TITLE NO. ____ GAS TANK - ☐YES ☐NO

LICENSE & PLATE # ____ TIRES - ____

	DATE	TIME	
IN			14,500
OUT			13,200

WEIGHER [signature] REMARKS ____

WITNESS [signature] 1300

1 - 275 gal. TK - City of Mechiville
1 - 500 gal TK - Tarar Property

[initials]

ESMI OF NEW YORK
304 TOWPATH ROAD
FORT EDWARD, NEW YORK 12828

(518)747-5500

TICKET NO : 2045547
DATE : 4/15/2010

MAX. ACCEPTABLE SOIL: 3,000.00

CUSTOMER: MCE10
MC ENVIRONMENTAL SERVICES
526 QUEENSBURY AVE.

QUEENSBURY,NY 12804

JOB NO :8351
MECHANICVILLE INDUSTRIAL
INDUSTRIAL PARK RD
MECHANICVILLE NY
RUNNING TONNAGE: 1,489.61

TRUCKER:
MC-001 MC ENVIRONMENTAL

GROSS : 66780 SCALE 1 IN 9:30:35AM
TARE : 30640 STORED OUT

NET : 36140 LB
18.070

MX01 02 MIX GAS & DIESEL

WEIGH MASTER: KIM MATTESON #530022 530102

DRIVER:

REMARKS:

MATERIAL $
DELIVERY $
MISC $
TAX $

TOTAL $

ESMI OF NEW YORK
304 TOWPATH ROAD
FORT EDWARD, NEW YORK 12828

(518)747-5500

TICKET NO : 2045568
DATE : 4/15/2010

MAX. ACCEPTABLE SOIL: 3,000.00

CUSTOMER: MCE10
MC ENVIRONMENTAL SERVICES
526 QUEENSBURY AVE.

QUEENSBURY,NY 12804

JOB NO :8351
MECHANICVILLE INDUSTRIAL
INDUSTRIAL PARK RD
MECHANICVILLE NY
RUNNING TONNAGE: 1,539.58

TRUCKER:
MC-001 MC ENVIRONMENTAL

GROSS : 57940 SCALE 1 IN 12:49:23PM
TARE : 30640 STORED OUT

NET : 27300 LB
13.650

MX01 02 MIX/GAS & DIESEL

WEIGH MASTER: KIM MATTESON #530022

DRIVER:

REMARKS:

MATERIAL $
DELIVERY $
MISC $
TAX $

TOTAL $

ESMI OF NEW YORK
304 TOWPATH ROAD
FORT EDWARD, NEW YORK 12828

(518)747-5500

TICKET NO : 2045561
DATE : 4/15/2010

MAX. ACCEPTABLE SOIL: 3,000.00

CUSTOMER: MCE10
MC ENVIRONMENTAL SERVICES
526 QUEENSBURY AVE.

QUEENSBURY,NY 12804

JOB NO :8351
MECHANICVILLE INDUSTRIAL
INDUSTRIAL PARK RD
MECHANICVILLE NY
RUNNING TONNAGE: 1,525.93

TRUCKER:
CH-77 CEDAR HILL TRUCKING

GROSS : 107600 SCALE 1 IN 11:52:16AM
TARE : 34960 STORED OUT

NET : 72640 LB
36.320

MX01 02 MIX GAS & DIESEL

WEIGH MASTER: KIM MATTESON #530022

DRIVER:

REMARKS:

MATERIAL $
DELIVERY $
MISC $
TAX $

TOTAL $

ATTACHMENT #3

LABORATORY ANALYTICAL REPORT

Report Date:
05-May-10 16:55

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

Laboratory Report

HRP Associates, Inc.
One Fairchild Square, Suite 110
Clifton Park, NY 12065
Attn: Cailyn Locci

Project: Mechanicville Industrial Park - NY
Project #: MEC2001.P2

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SB10892-01	Sidewall-E	Soil	15-Apr-10 09:00	19-Apr-10 10:20
SB10892-02	Sidewall-N	Soil	15-Apr-10 10:00	19-Apr-10 10:20
SB10892-03	Sidewall-W	Soil	15-Apr-10 11:00	19-Apr-10 10:20
SB10892-04	Sidewall-S	Soil	15-Apr-10 12:00	19-Apr-10 10:20
SB10892-05	Bottom	Soil	15-Apr-10 13:00	19-Apr-10 10:20

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Pennsylvania # 68-04426/68-02924
Rhode Island # 98
USDA # S-51435
Vermont # VT-11393

Authorized by:

Hanibal C. Tayeh, Ph.D.
President/Laboratory Director

Technical Reviewer's Initial:

Spectrum Analytical holds certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes.
Please note that this report contains 45 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NY-11840, FL-E87936 and NJ-MA012).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

CASE NARRATIVE:

The samples were received 6.0 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 2.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

All VOC soils samples submitted and analyzed in methanol will have a minimum dilution factor of 50. This is the minimum amount of solvent allowed on the instrumentation without causing interference. Additional dilution factors may be required to keep analyte concentration within instrument calibration.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

SW846 8260B

Calibration:

1004005

Analyte quantified by quadratic equation type calibration.

4-Methyl-2-pentanone (MIBK)
Dibromochloromethane
Naphthalene
n-Butylbenzene
trans-1,3-Dichloropropene

This affected the following samples:

1008482-BLK1
1008482-BS1
1008482-BSD1
Bottom
S003519-CCV1

S002943-ICV1

Analyte percent recovery is outside individual acceptance criteria.

Vinyl chloride (135%)

This affected the following samples:

1008482-BLK1
1008482-BS1
1008482-BSD1
Bottom
S003519-CCV1

Laboratory Control Samples:

1008482 BS/BSD

2-Hexanone (MBK) percent recoveries (66/70) are outside individual acceptance criteria, but within overall method allowances. All reported results of the following samples are considered to have a potentially low bias:

Bottom

Dichlorodifluoromethane (Freon12) percent recoveries (148/141) are outside individual acceptance criteria, but within overall method allowances. All reported results of the following samples are considered to have a potentially high bias:

Bottom

Samples:

SW846 8260B

Samples:

S003519-CCV1

Analyte percent difference is outside individual acceptance criteria, but within overall method allowances.

1,3-Dichlorobenzene (22.5%)
1,4-Dioxane (-28.7%)
2-Chlorotoluene (34.0%)
Bromoform (24.8%)
Carbon tetrachloride (24.0%)
Isopropylbenzene (27.1%)
Tert-Butanol / butyl alcohol (-27.0%)
Tetrahydrofuran (-22.6%)
trans-1,4-Dichloro-2-butene (21.9%)
Vinyl chloride (36.4%)

Analyte percent drift is outside individual acceptance criteria, but within overall method allowances.

2-Hexanone (MBK) (-25.1%)
4-Methyl-2-pentanone (MIBK) (-27.6%)

This affected the following samples:

1008482-BLK1
1008482-BS1
1008482-BSD1
Bottom

S003670-CCV1

Analyte percent difference is outside individual acceptance criteria, but within overall method allowances.

Ethanol (-27.3%)

Analyte percent drift is outside individual acceptance criteria, but within overall method allowances.

1,4-Dioxane (-21.9%)

This affected the following samples:

1008809-BLK1
1008809-BS1
1008809-BSD1
Sidewall-E
Sidewall-N
Sidewall-S
Sidewall-W

SB10892-05 *Bottom*

Elevated Reporting Limits due to the presence of high levels of non-target analytes.

SW846 8270C

Calibration:

S000337-SCV1

Analyte percent recovery is outside individual acceptance criteria.

Atrazine (136%)

SW846 8270C

Calibration:

S000337-SCV1

This affected the following samples:

1008454-BLK1
1008454-BS1
Bottom
S003514-CCV1
S003533-CCV1
Sidewall-E
Sidewall-N
Sidewall-S
Sidewall-W

Laboratory Control Samples:

1008454 BS

Pentachlorophenol percent recovery 38 (40-130) is outside individual acceptance criteria, but within overall method allowances.
All reported results of the following samples are considered to have a potentially low bias:

Bottom
Sidewall-E
Sidewall-N
Sidewall-S
Sidewall-W

Samples:

S003514-CCV1

Analyte percent difference is outside individual acceptance criteria, but within overall method allowances.

4-Nitrophenol (-23.0%)
Aniline (-22.3%)
Atrazine (-48.2%)
Bis(2-chloroisopropyl)ether (32.0%)

This affected the following samples:

1008454-BLK1
1008454-BS1

S003533-CCV1

Analyte percent difference is outside individual acceptance criteria, but within overall method allowances.

Aniline (-26.4%)
Atrazine (-50.8%)
Benzidine (-31.4%)
Bis(2-chloroisopropyl)ether (36.9%)

This affected the following samples:

Bottom
Sidewall-E
Sidewall-N
Sidewall-S
Sidewall-W

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Sidewall-E SB10892-01	MEC2001.P2	Soil	15-Apr-10 09:00	19-Apr-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds													
	VOC Extraction	Lab extracted		N/A			1	VOC Soil Extraction	21-Apr-10	21-Apr-10	BD	1008442	
Volatile Organic Compounds Prepared by method SW846 5035A Soil (low level)						Initial weight: 4.75 g							
Re-analysis of Volatile Organic Compounds Prepared by method SW846 5035A Soil (low level)													
76-13-1	1,1,2-Trichlorotrifluoroeth ane (Freon 113)	BDL	U	µg/kg dry	7.3	4.4	1	SW846 8260B	27-Apr-10	27-Apr-10	JRO	1008809	X
67-64-1	Acetone	BDL	U	µg/kg dry	72.5	67.7	1	"	"	"	"	"	X
107-13-1	Acrylonitrile	BDL	U	µg/kg dry	7.3	7.0	1	"	"	"	"	"	X
71-43-2	Benzene	BDL	U	µg/kg dry	7.3	4.2	1	"	"	"	"	"	X
108-86-1	Bromobenzene	BDL	U	µg/kg dry	7.3	4.3	1	"	"	"	"	"	X
74-97-5	Bromochloromethane	BDL	U	µg/kg dry	7.3	4.9	1	"	"	"	"	"	X
75-27-4	Bromodichloromethane	BDL	U	µg/kg dry	7.3	4.1	1	"	"	"	"	"	X
75-25-2	Bromoform	BDL	U	µg/kg dry	7.3	7.1	1	"	"	"	"	"	X
74-83-9	Bromomethane	BDL	U	µg/kg dry	14.5	13.3	1	"	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BDL	U	µg/kg dry	72.5	27.5	1	"	"	"	"	"	X
104-51-8	n-Butylbenzene	BDL	U	µg/kg dry	7.3	5.9	1	"	"	"	"	"	X
135-98-8	sec-Butylbenzene	BDL	U	µg/kg dry	7.3	5.0	1	"	"	"	"	"	X
98-06-6	tert-Butylbenzene	BDL	U	µg/kg dry	7.3	6.9	1	"	"	"	"	"	X
75-15-0	Carbon disulfide	BDL	U	µg/kg dry	14.5	14.5	1	"	"	"	"	"	X
56-23-5	Carbon tetrachloride	BDL	U	µg/kg dry	7.3	6.0	1	"	"	"	"	"	X
108-90-7	Chlorobenzene	BDL	U	µg/kg dry	7.3	6.9	1	"	"	"	"	"	X
75-00-3	Chloroethane	BDL	U	µg/kg dry	14.5	12.0	1	"	"	"	"	"	X
67-66-3	Chloroform	BDL	U	µg/kg dry	7.3	6.7	1	"	"	"	"	"	X
74-87-3	Chloromethane	BDL	U	µg/kg dry	14.5	8.8	1	"	"	"	"	"	X
95-49-8	2-Chlorotoluene	BDL	U	µg/kg dry	7.3	5.0	1	"	"	"	"	"	X
106-43-4	4-Chlorotoluene	BDL	U	µg/kg dry	7.3	6.0	1	"	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloroprop ane	BDL	U	µg/kg dry	14.5	11.6	1	"	"	"	"	"	X
124-48-1	Dibromochloromethane	BDL	U	µg/kg dry	7.3	5.3	1	"	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BDL	U	µg/kg dry	7.3	4.6	1	"	"	"	"	"	X
74-95-3	Dibromomethane	BDL	U	µg/kg dry	7.3	4.7	1	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BDL	U	µg/kg dry	7.3	6.4	1	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BDL	U	µg/kg dry	7.3	3.3	1	"	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BDL	U	µg/kg dry	7.3	5.9	1	"	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BDL	U	µg/kg dry	14.5	13.9	1	"	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BDL	U	µg/kg dry	7.3	5.4	1	"	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BDL	U	µg/kg dry	7.3	7.0	1	"	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BDL	U	µg/kg dry	7.3	6.9	1	"	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BDL	U	µg/kg dry	7.3	6.2	1	"	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BDL	U	µg/kg dry	7.3	6.8	1	"	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BDL	U	µg/kg dry	7.3	5.1	1	"	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BDL	U	µg/kg dry	7.3	5.0	1	"	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BDL	U	µg/kg dry	7.3	7.2	1	"	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BDL	U	µg/kg dry	7.3	7.1	1	"	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BDL	U	µg/kg dry	7.3	3.7	1	"	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Sidewall-E	MEC2001.P2	Soil	15-Apr-10 09:00	19-Apr-10
SB10892-01				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds													
Volatile Organic Compounds													
Prepared by method SW846 5035A Soil (low level)							Initial weight: 4.75 g						
Re-analysis of Volatile Organic Compounds													
Prepared by method SW846 5035A Soil (low level)													
10061-02-6	trans-1,3-Dichloropropene	BDL	U	µg/kg dry	7.3	4.0	1	SW846 8260B	27-Apr-10	27-Apr-10	JRO	1008809	X
100-41-4	Ethylbenzene	BDL	U	µg/kg dry	7.3	6.7	1	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BDL	U	µg/kg dry	7.3	5.5	1	"	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BDL	U	µg/kg dry	72.5	24.8	1	"	"	"	"	"	X
98-82-8	Isopropylbenzene	BDL	U	µg/kg dry	7.3	4.6	1	"	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BDL	U	µg/kg dry	7.3	5.9	1	"	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BDL	U	µg/kg dry	7.3	5.8	1	"	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BDL	U	µg/kg dry	72.5	16.6	1	"	"	"	"	"	X
75-09-2	Methylene chloride	BDL	U	µg/kg dry	14.5	14.5	1	"	"	"	"	"	X
91-20-3	Naphthalene	BDL	U	µg/kg dry	7.3	5.9	1	"	"	"	"	"	X
103-65-1	n-Propylbenzene	BDL	U	µg/kg dry	7.3	5.3	1	"	"	"	"	"	X
100-42-5	Styrene	BDL	U	µg/kg dry	7.3	3.6	1	"	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BDL	U	µg/kg dry	7.3	6.6	1	"	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BDL	U	µg/kg dry	7.3	5.2	1	"	"	"	"	"	X
127-18-4	Tetrachloroethene	BDL	U	µg/kg dry	7.3	6.3	1	"	"	"	"	"	X
108-88-3	Toluene	BDL	U	µg/kg dry	7.3	6.5	1	"	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BDL	U	µg/kg dry	7.3	5.7	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BDL	U	µg/kg dry	7.3	6.7	1	"	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BDL	U	µg/kg dry	7.3	5.5	1	"	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BDL	U	µg/kg dry	7.3	6.7	1	"	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BDL	U	µg/kg dry	7.3	4.6	1	"	"	"	"	"	X
79-01-6	Trichloroethene	BDL	U	µg/kg dry	7.3	7.1	1	"	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BDL	U	µg/kg dry	7.3	5.8	1	"	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BDL	U	µg/kg dry	7.3	6.2	1	"	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BDL	U	µg/kg dry	7.3	5.7	1	"	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BDL	U	µg/kg dry	7.3	6.9	1	"	"	"	"	"	X
75-01-4	Vinyl chloride	BDL	U	µg/kg dry	7.3	5.8	1	"	"	"	"	"	X
179601-23-1	m,p-Xylene	BDL	U	µg/kg dry	14.5	11.6	1	"	"	"	"	"	X
95-47-6	o-Xylene	BDL	U	µg/kg dry	7.3	4.6	1	"	"	"	"	"	X
109-99-9	Tetrahydrofuran	BDL	U	µg/kg dry	14.5	14.5	1	"	"	"	"	"	
60-29-7	Ethyl ether	BDL	U	µg/kg dry	7.3	5.4	1	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BDL	U	µg/kg dry	7.3	6.6	1	"	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BDL	U	µg/kg dry	7.3	7.2	1	"	"	"	"	"	
108-20-3	Di-isopropyl ether	BDL	U	µg/kg dry	7.3	4.4	1	"	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BDL	U	µg/kg dry	72.5	65.9	1	"	"	"	"	"	X
123-91-1	1,4-Dioxane	BDL	U	µg/kg dry	145	120	1	"	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BDL	U	µg/kg dry	36.3	7.1	1	"	"	"	"	"	
64-17-5	Ethanol	BDL	U	µg/kg dry	2900	452	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Sidewall-E SB10892-01	MEC2001.P2	Soil	15-Apr-10 09:00	19-Apr-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds													
Volatile Organic Compounds Prepared by method SW846 5035A Soil (low level)							Initial weight: 4.75 g						
Re-analysis of Volatile Organic Compounds Prepared by method SW846 5035A Soil (low level)													
Surrogate recoveries:													
460-00-4	*4-Bromofluorobenzene*	86			*70-130 %*			SW846 8260B	27-Apr-10	27-Apr-10	JRO	1008809	
2037-26-5	*Toluene-d8*	98			*70-130 %*			"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	117			*70-130 %*			"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	105			*70-130 %*			"	"	"	"	"	
Semivolatile Organic Compounds by GCMS													
Semivolatile Organic Compounds by SW846 8270 Prepared by method SW846 3545A													
83-32-9	Acenaphthene	BDL	U	µg/kg dry	265	12.8	1	SW846 8270C	22-Apr-10	23-Apr-10	MSL	1008454	X
208-96-8	Acenaphthylene	BDL	U	µg/kg dry	265	16.0	1	"	"	"	"	"	X
62-53-3	Aniline	BDL	U	µg/kg dry	529	40.7	1	"	"	"	"	"	X
120-12-7	Anthracene	BDL	U	µg/kg dry	265	16.0	1	"	"	"	"	"	X
1912-24-9	Atrazine	BDL	U	µg/kg dry	529	13.9	1	"	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BDL	U	µg/kg dry	529	13.9	1	"	"	"	"	"	
92-87-5	Benzidine	BDL	U	µg/kg dry	529	60.0	1	"	"	"	"	"	X
56-55-3	Benzo (a) anthracene	83.4	J	µg/kg dry	265	34.1	1	"	"	"	"	"	X
50-32-8	Benzo (a) pyrene	105	J	µg/kg dry	265	18.1	1	"	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	153	J	µg/kg dry	265	70.5	1	"	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	46.0	J	µg/kg dry	265	14.9	1	"	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	115	J	µg/kg dry	265	21.3	1	"	"	"	"	"	X
65-85-0	Benzoic acid	BDL	U	µg/kg dry	529	9.62	1	"	"	"	"	"	X
100-51-6	Benzyl alcohol	BDL	U	µg/kg dry	529	17.2	1	"	"	"	"	"	X
111-91-1	Bis(2-chloroethoxy)methane	BDL	U	µg/kg dry	529	10.7	1	"	"	"	"	"	X
111-44-4	Bis(2-chloroethyl)ether	BDL	U	µg/kg dry	529	7.49	1	"	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BDL	U	µg/kg dry	529	9.62	1	"	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BDL	U	µg/kg dry	529	102	1	"	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BDL	U	µg/kg dry	529	24.5	1	"	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BDL	U	µg/kg dry	529	60.9	1	"	"	"	"	"	X
86-74-8	Carbazole	BDL	U	µg/kg dry	529	19.2	1	"	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BDL	U	µg/kg dry	529	19.2	1	"	"	"	"	"	X
106-47-8	4-Chloroaniline	BDL	U	µg/kg dry	529	51.3	1	"	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BDL	U	µg/kg dry	529	7.54	1	"	"	"	"	"	X
95-57-8	2-Chlorophenol	BDL	U	µg/kg dry	529	10.7	1	"	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BDL	U	µg/kg dry	529	6.41	1	"	"	"	"	"	X
218-01-9	Chrysene	107	J	µg/kg dry	265	7.54	1	"	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BDL	U	µg/kg dry	265	8.50	1	"	"	"	"	"	X
132-64-9	Dibenzofuran	BDL	U	µg/kg dry	529	6.41	1	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BDL	U	µg/kg dry	529	0.257	1	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BDL	U	µg/kg dry	529	22.4	1	"	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Sidewall-E SB10892-01	MEC2001.P2	Soil	15-Apr-10 09:00	19-Apr-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GCMS													
Semivolatile Organic Compounds by SW846 8270 Prepared by method SW846 3545A													
106-46-7	1,4-Dichlorobenzene	BDL	U	µg/kg dry	529	23.6	1	SW846 8270C	22-Apr-10	23-Apr-10	MSL	1008454	X
91-94-1	3,3'-Dichlorobenzidine	BDL	U	µg/kg dry	529	38.5	1	"	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BDL	U	µg/kg dry	529	13.9	1	"	"	"	"	"	X
84-66-2	Diethyl phthalate	BDL	U	µg/kg dry	529	17.2	1	"	"	"	"	"	X
131-11-3	Dimethyl phthalate	BDL	U	µg/kg dry	529	14.9	1	"	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BDL	U	µg/kg dry	529	24.5	1	"	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BDL	U	µg/kg dry	529	13.9	1	"	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BDL	U	µg/kg dry	529	12.8	1	"	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BDL	U	µg/kg dry	529	33.2	1	"	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BDL	U	µg/kg dry	529	22.4	1	"	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BDL	U	µg/kg dry	529	12.8	1	"	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BDL	U	µg/kg dry	529	25.7	1	"	"	"	"	"	X
206-44-0	Fluoranthene	165	J	µg/kg dry	265	12.8	1	"	"	"	"	"	X
86-73-7	Fluorene	BDL	U	µg/kg dry	265	12.8	1	"	"	"	"	"	X
118-74-1	Hexachlorobenzene	BDL	U	µg/kg dry	529	39.6	1	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BDL	U	µg/kg dry	529	60.0	1	"	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BDL	U	µg/kg dry	529	39.6	1	"	"	"	"	"	X
67-72-1	Hexachloroethane	BDL	U	µg/kg dry	529	54.5	1	"	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	56.6	J	µg/kg dry	265	24.5	1	"	"	"	"	"	X
90-12-0	1-Methylnaphthalene	29.4	J	µg/kg dry	265	0.176	1	"	"	"	"	"	
78-59-1	Isophorone	BDL	U	µg/kg dry	529	32.1	1	"	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BDL	U	µg/kg dry	265	11.7	1	"	"	"	"	"	X
95-48-7	2-Methylphenol	BDL	U	µg/kg dry	529	22.4	1	"	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BDL	U	µg/kg dry	529	12.8	1	"	"	"	"	"	X
91-20-3	Naphthalene	BDL	U	µg/kg dry	265	20.4	1	"	"	"	"	"	X
88-74-4	2-Nitroaniline	BDL	U	µg/kg dry	529	6.41	1	"	"	"	"	"	X
99-09-2	3-Nitroaniline	BDL	U	µg/kg dry	529	18.1	1	"	"	"	"	"	X
100-01-6	4-Nitroaniline	BDL	U	µg/kg dry	2120	20.4	1	"	"	"	"	"	X
98-95-3	Nitrobenzene	BDL	U	µg/kg dry	529	19.2	1	"	"	"	"	"	X
88-75-5	2-Nitrophenol	BDL	U	µg/kg dry	529	24.5	1	"	"	"	"	"	X
100-02-7	4-Nitrophenol	BDL	U	µg/kg dry	2120	27.7	1	"	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BDL	U	µg/kg dry	529	11.8	1	"	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BDL	U	µg/kg dry	529	64.1	1	"	"	"	"	"	X
86-30-6	N-Nitrosodiphenylamine	BDL	U	µg/kg dry	529	20.4	1	"	"	"	"	"	X
87-86-5	Pentachlorophenol	BDL	U	µg/kg dry	529	34.1	1	"	"	"	"	"	X
85-01-8	Phenanthrene	53.4	J	µg/kg dry	265	24.5	1	"	"	"	"	"	X
108-95-2	Phenol	BDL	U	µg/kg dry	529	10.7	1	"	"	"	"	"	X
129-00-0	Pyrene	157	J	µg/kg dry	265	37.5	1	"	"	"	"	"	X
110-86-1	Pyridine	BDL	U	µg/kg dry	529	10.7	1	"	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BDL	U	µg/kg dry	529	7.49	1	"	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BDL	U	µg/kg dry	529	10.7	1	"	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BDL	U	µg/kg dry	529	10.7	1	"	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Sidewall-E SB10892-01	MEC2001.P2	Soil	15-Apr-10 09:00	19-Apr-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GCMS													
Semivolatile Organic Compounds by SW846 8270 Prepared by method SW846 3545A													
82-68-8	Pentachloronitrobenzene	BDL	U	µg/kg dry	529	265	1	SW846 8270C	22-Apr-10	23-Apr-10	MSL	1008454	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BDL	U	µg/kg dry	529	265	1	"	"	"	"	"	X
Surrogate recoveries:													
321-60-8	*2-Fluorobiphenyl*	58			*30-130 %*			"	"	"	"	"	
367-12-4	*2-Fluorophenol*	60			*15-110 %*			"	"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	62			*30-130 %*			"	"	"	"	"	
4165-62-2	*Phenol-d5*	67			*15-110 %*			"	"	"	"	"	
1718-51-0	*Terphenyl-dl4*	59			*30-130 %*			"	"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	59			*15-110 %*			"	"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods													
7440-22-4	Silver	BDL	U	mg/kg dry	1.56	0.220	1	SW846 6010B	01-May-10	04-May-10	KNJ	1008823	X
7440-38-2	Arsenic	9.57		mg/kg dry	1.56	0.313	1	"	"	"	"	"	X
7440-39-3	Barium	97.0		mg/kg dry	1.04	0.198	1	"	"	05-May-10	"	"	X
7440-43-9	Cadmium	1.18		mg/kg dry	0.521	0.109	1	"	"	04-May-10	"	"	X
7440-47-3	Chromium	17.8		mg/kg dry	1.04	0.240	1	"	"	"	"	"	X
7439-97-6	Mercury	0.0798		mg/kg dry	0.0332	0.0052	1	SW846 7471A	"	03-May-10	KNJ	1008824	X
7439-92-1	Lead	25.3		mg/kg dry	1.56	0.673	1	SW846 6010B	"	04-May-10	KNJ	1008823	X
7782-49-2	Selenium	0.890	J	mg/kg dry	1.56	0.270	1	"	"	05-May-10	"	"	X
General Chemistry Parameters													
	% Solids	83.8		%			1	SM2540 G Mod.	23-Apr-10	23-Apr-10	VK	1008552	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Sidewall-N SB10892-02	MEC2001.P2	Soil	15-Apr-10 10:00	19-Apr-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds													
	VOC Extraction	Lab extracted		N/A			1	VOC Soil Extraction	21-Apr-10	21-Apr-10	BD	1008442	
Volatile Organic Compounds Prepared by method SW846 5035A Soil (low level)						Initial weight: 6.74 g							
Re-analysis of Volatile Organic Compounds Prepared by method SW846 5035A Soil (low level)													
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BDL	U	µg/kg dry	6.3	3.8	1	SW846 8260B	27-Apr-10	27-Apr-10	JRO	1008809	X
67-64-1	Acetone	BDL	U	µg/kg dry	62.5	58.4	1	"	"	"	"	"	X
107-13-1	Acrylonitrile	BDL	U	µg/kg dry	6.3	6.1	1	"	"	"	"	"	X
71-43-2	Benzene	BDL	U	µg/kg dry	6.3	3.6	1	"	"	"	"	"	X
108-86-1	Bromobenzene	BDL	U	µg/kg dry	6.3	3.7	1	"	"	"	"	"	X
74-97-5	Bromochloromethane	BDL	U	µg/kg dry	6.3	4.2	1	"	"	"	"	"	X
75-27-4	Bromodichloromethane	BDL	U	µg/kg dry	6.3	3.6	1	"	"	"	"	"	X
75-25-2	Bromoform	BDL	U	µg/kg dry	6.3	6.1	1	"	"	"	"	"	X
74-83-9	Bromomethane	BDL	U	µg/kg dry	12.5	11.4	1	"	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BDL	U	µg/kg dry	62.5	23.7	1	"	"	"	"	"	X
104-51-8	n-Butylbenzene	BDL	U	µg/kg dry	6.3	5.1	1	"	"	"	"	"	X
135-98-8	sec-Butylbenzene	BDL	U	µg/kg dry	6.3	4.3	1	"	"	"	"	"	X
98-06-6	tert-Butylbenzene	BDL	U	µg/kg dry	6.3	5.9	1	"	"	"	"	"	X
75-15-0	Carbon disulfide	BDL	U	µg/kg dry	12.5	12.5	1	"	"	"	"	"	X
56-23-5	Carbon tetrachloride	BDL	U	µg/kg dry	6.3	5.2	1	"	"	"	"	"	X
108-90-7	Chlorobenzene	BDL	U	µg/kg dry	6.3	5.9	1	"	"	"	"	"	X
75-00-3	Chloroethane	BDL	U	µg/kg dry	12.5	10.3	1	"	"	"	"	"	X
67-66-3	Chloroform	BDL	U	µg/kg dry	6.3	5.8	1	"	"	"	"	"	X
74-87-3	Chloromethane	BDL	U	µg/kg dry	12.5	7.6	1	"	"	"	"	"	X
95-49-8	2-Chlorotoluene	BDL	U	µg/kg dry	6.3	4.3	1	"	"	"	"	"	X
106-43-4	4-Chlorotoluene	BDL	U	µg/kg dry	6.3	5.2	1	"	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BDL	U	µg/kg dry	12.5	10.0	1	"	"	"	"	"	X
124-48-1	Dibromochloromethane	BDL	U	µg/kg dry	6.3	4.6	1	"	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BDL	U	µg/kg dry	6.3	3.9	1	"	"	"	"	"	X
74-95-3	Dibromomethane	BDL	U	µg/kg dry	6.3	4.1	1	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BDL	U	µg/kg dry	6.3	5.5	1	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BDL	U	µg/kg dry	6.3	2.9	1	"	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BDL	U	µg/kg dry	6.3	5.1	1	"	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BDL	U	µg/kg dry	12.5	11.9	1	"	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BDL	U	µg/kg dry	6.3	4.6	1	"	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BDL	U	µg/kg dry	6.3	6.0	1	"	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BDL	U	µg/kg dry	6.3	5.9	1	"	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BDL	U	µg/kg dry	6.3	5.3	1	"	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BDL	U	µg/kg dry	6.3	5.9	1	"	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BDL	U	µg/kg dry	6.3	4.4	1	"	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BDL	U	µg/kg dry	6.3	4.3	1	"	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BDL	U	µg/kg dry	6.3	6.2	1	"	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BDL	U	µg/kg dry	6.3	6.1	1	"	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BDL	U	µg/kg dry	6.3	3.2	1	"	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Sidewall-N	MEC2001.P2	Soil	15-Apr-10 10:00	19-Apr-10
SB10892-02				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds													
Volatile Organic Compounds													
Prepared by method SW846 5035A Soil (low level)							Initial weight: 6.74 g						
Re-analysis of Volatile Organic Compounds													
Prepared by method SW846 5035A Soil (low level)													
10061-02-6	trans-1,3-Dichloropropene	BDL	U	µg/kg dry	6.3	3.4	1	SW846 8260B	27-Apr-10	27-Apr-10	JRO	1008809	X
100-41-4	Ethylbenzene	BDL	U	µg/kg dry	6.3	5.8	1	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BDL	U	µg/kg dry	6.3	4.8	1	"	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BDL	U	µg/kg dry	62.5	21.4	1	"	"	"	"	"	X
98-82-8	Isopropylbenzene	BDL	U	µg/kg dry	6.3	4.0	1	"	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BDL	U	µg/kg dry	6.3	5.1	1	"	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BDL	U	µg/kg dry	6.3	5.0	1	"	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BDL	U	µg/kg dry	62.5	14.3	1	"	"	"	"	"	X
75-09-2	Methylene chloride	BDL	U	µg/kg dry	12.5	12.5	1	"	"	"	"	"	X
91-20-3	Naphthalene	BDL	U	µg/kg dry	6.3	5.1	1	"	"	"	"	"	X
103-65-1	n-Propylbenzene	BDL	U	µg/kg dry	6.3	4.6	1	"	"	"	"	"	X
100-42-5	Styrene	BDL	U	µg/kg dry	6.3	3.1	1	"	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BDL	U	µg/kg dry	6.3	5.7	1	"	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BDL	U	µg/kg dry	6.3	4.5	1	"	"	"	"	"	X
127-18-4	Tetrachloroethene	BDL	U	µg/kg dry	6.3	5.4	1	"	"	"	"	"	X
108-88-3	Toluene	BDL	U	µg/kg dry	6.3	5.6	1	"	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BDL	U	µg/kg dry	6.3	4.9	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BDL	U	µg/kg dry	6.3	5.8	1	"	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BDL	U	µg/kg dry	6.3	4.8	1	"	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BDL	U	µg/kg dry	6.3	5.8	1	"	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BDL	U	µg/kg dry	6.3	3.9	1	"	"	"	"	"	X
79-01-6	Trichloroethene	BDL	U	µg/kg dry	6.3	6.1	1	"	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BDL	U	µg/kg dry	6.3	5.0	1	"	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BDL	U	µg/kg dry	6.3	5.3	1	"	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BDL	U	µg/kg dry	6.3	4.9	1	"	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BDL	U	µg/kg dry	6.3	5.9	1	"	"	"	"	"	X
75-01-4	Vinyl chloride	BDL	U	µg/kg dry	6.3	5.0	1	"	"	"	"	"	X
179601-23-1	m,p-Xylene	BDL	U	µg/kg dry	12.5	10.0	1	"	"	"	"	"	X
95-47-6	o-Xylene	BDL	U	µg/kg dry	6.3	3.9	1	"	"	"	"	"	X
109-99-9	Tetrahydrofuran	BDL	U	µg/kg dry	12.5	12.5	1	"	"	"	"	"	
60-29-7	Ethyl ether	BDL	U	µg/kg dry	6.3	4.7	1	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BDL	U	µg/kg dry	6.3	5.7	1	"	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BDL	U	µg/kg dry	6.3	6.2	1	"	"	"	"	"	
108-20-3	Di-isopropyl ether	BDL	U	µg/kg dry	6.3	3.8	1	"	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BDL	U	µg/kg dry	62.5	56.8	1	"	"	"	"	"	X
123-91-1	1,4-Dioxane	BDL	U	µg/kg dry	125	104	1	"	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BDL	U	µg/kg dry	31.3	6.1	1	"	"	"	"	"	
64-17-5	Ethanol	BDL	U	µg/kg dry	2500	390	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Sidewall-N SB10892-02	MEC2001.P2	Soil	15-Apr-10 10:00	19-Apr-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds													
Volatile Organic Compounds Prepared by method SW846 5035A Soil (low level)							Initial weight: 6.74 g						
Re-analysis of Volatile Organic Compounds Prepared by method SW846 5035A Soil (low level)													
Surrogate recoveries:													
460-00-4	*4-Bromofluorobenzene*	100			*70-130 %*			SW846 8260B	27-Apr-10	27-Apr-10	JRO	1008809	
2037-26-5	*Toluene-d8*	101			*70-130 %*			"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	117			*70-130 %*			"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	102			*70-130 %*			"	"	"	"	"	
Semivolatile Organic Compounds by GCMS													
Semivolatile Organic Compounds by SW846 8270 Prepared by method SW846 3545A													
83-32-9	Acenaphthene	BDL	U	µg/kg dry	226	10.9	1	SW846 8270C	22-Apr-10	23-Apr-10	MSL	1008454	X
208-96-8	Acenaphthylene	BDL	U	µg/kg dry	226	13.7	1	"	"	"	"	"	X
62-53-3	Aniline	BDL	U	µg/kg dry	452	34.8	1	"	"	"	"	"	X
120-12-7	Anthracene	BDL	U	µg/kg dry	226	13.7	1	"	"	"	"	"	X
1912-24-9	Atrazine	BDL	U	µg/kg dry	452	11.9	1	"	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BDL	U	µg/kg dry	452	11.9	1	"	"	"	"	"	
92-87-5	Benzidine	BDL	U	µg/kg dry	452	51.2	1	"	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BDL	U	µg/kg dry	226	29.1	1	"	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BDL	U	µg/kg dry	226	15.5	1	"	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BDL	U	µg/kg dry	226	60.2	1	"	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BDL	U	µg/kg dry	226	12.7	1	"	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BDL	U	µg/kg dry	226	18.2	1	"	"	"	"	"	X
65-85-0	Benzoic acid	BDL	U	µg/kg dry	452	8.21	1	"	"	"	"	"	X
100-51-6	Benzyl alcohol	BDL	U	µg/kg dry	452	14.6	1	"	"	"	"	"	X
111-91-1	Bis(2-chloroethoxy)methane	BDL	U	µg/kg dry	452	9.13	1	"	"	"	"	"	X
111-44-4	Bis(2-chloroethyl)ether	BDL	U	µg/kg dry	452	6.39	1	"	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BDL	U	µg/kg dry	452	8.21	1	"	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BDL	U	µg/kg dry	452	86.8	1	"	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BDL	U	µg/kg dry	452	20.9	1	"	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BDL	U	µg/kg dry	452	52.0	1	"	"	"	"	"	X
86-74-8	Carbazole	BDL	U	µg/kg dry	452	16.4	1	"	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BDL	U	µg/kg dry	452	16.4	1	"	"	"	"	"	X
106-47-8	4-Chloroaniline	BDL	U	µg/kg dry	452	43.8	1	"	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BDL	U	µg/kg dry	452	6.43	1	"	"	"	"	"	X
95-57-8	2-Chlorophenol	BDL	U	µg/kg dry	452	9.13	1	"	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BDL	U	µg/kg dry	452	5.47	1	"	"	"	"	"	X
218-01-9	Chrysene	BDL	U	µg/kg dry	226	6.43	1	"	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BDL	U	µg/kg dry	226	7.25	1	"	"	"	"	"	X
132-64-9	Dibenzofuran	BDL	U	µg/kg dry	452	5.47	1	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BDL	U	µg/kg dry	452	0.219	1	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BDL	U	µg/kg dry	452	19.2	1	"	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Sidewall-N SB10892-02	MEC2001.P2	Soil	15-Apr-10 10:00	19-Apr-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GCMS													
Semivolatile Organic Compounds by SW846 8270 Prepared by method SW846 3545A													
106-46-7	1,4-Dichlorobenzene	BDL	U	µg/kg dry	452	20.1	1	SW846 8270C	22-Apr-10	23-Apr-10	MSL	1008454	X
91-94-1	3,3'-Dichlorobenzidine	BDL	U	µg/kg dry	452	32.8	1	"	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BDL	U	µg/kg dry	452	11.9	1	"	"	"	"	"	X
84-66-2	Diethyl phthalate	BDL	U	µg/kg dry	452	14.6	1	"	"	"	"	"	X
131-11-3	Dimethyl phthalate	BDL	U	µg/kg dry	452	12.7	1	"	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BDL	U	µg/kg dry	452	20.9	1	"	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BDL	U	µg/kg dry	452	11.9	1	"	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BDL	U	µg/kg dry	452	10.9	1	"	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BDL	U	µg/kg dry	452	28.3	1	"	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BDL	U	µg/kg dry	452	19.2	1	"	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BDL	U	µg/kg dry	452	10.9	1	"	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BDL	U	µg/kg dry	452	21.9	1	"	"	"	"	"	X
206-44-0	Fluoranthene	BDL	U	µg/kg dry	226	10.9	1	"	"	"	"	"	X
86-73-7	Fluorene	BDL	U	µg/kg dry	226	10.9	1	"	"	"	"	"	X
118-74-1	Hexachlorobenzene	BDL	U	µg/kg dry	452	33.8	1	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BDL	U	µg/kg dry	452	51.2	1	"	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BDL	U	µg/kg dry	452	33.8	1	"	"	"	"	"	X
67-72-1	Hexachloroethane	BDL	U	µg/kg dry	452	46.5	1	"	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BDL	U	µg/kg dry	226	20.9	1	"	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BDL	U	µg/kg dry	226	0.151	1	"	"	"	"	"	
78-59-1	Isophorone	BDL	U	µg/kg dry	452	27.4	1	"	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BDL	U	µg/kg dry	226	9.99	1	"	"	"	"	"	X
95-48-7	2-Methylphenol	BDL	U	µg/kg dry	452	19.2	1	"	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BDL	U	µg/kg dry	452	10.9	1	"	"	"	"	"	X
91-20-3	Naphthalene	BDL	U	µg/kg dry	226	17.4	1	"	"	"	"	"	X
88-74-4	2-Nitroaniline	BDL	U	µg/kg dry	452	5.47	1	"	"	"	"	"	X
99-09-2	3-Nitroaniline	BDL	U	µg/kg dry	452	15.5	1	"	"	"	"	"	X
100-01-6	4-Nitroaniline	BDL	U	µg/kg dry	1810	17.4	1	"	"	"	"	"	X
98-95-3	Nitrobenzene	BDL	U	µg/kg dry	452	16.4	1	"	"	"	"	"	X
88-75-5	2-Nitrophenol	BDL	U	µg/kg dry	452	20.9	1	"	"	"	"	"	X
100-02-7	4-Nitrophenol	BDL	U	µg/kg dry	1810	23.7	1	"	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BDL	U	µg/kg dry	452	10.0	1	"	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BDL	U	µg/kg dry	452	54.7	1	"	"	"	"	"	X
86-30-6	N-Nitrosodiphenylamine	BDL	U	µg/kg dry	452	17.4	1	"	"	"	"	"	X
87-86-5	Pentachlorophenol	BDL	U	µg/kg dry	452	29.1	1	"	"	"	"	"	X
85-01-8	Phenanthrene	BDL	U	µg/kg dry	226	20.9	1	"	"	"	"	"	X
108-95-2	Phenol	BDL	U	µg/kg dry	452	9.13	1	"	"	"	"	"	X
129-00-0	Pyrene	BDL	U	µg/kg dry	226	32.0	1	"	"	"	"	"	X
110-86-1	Pyridine	BDL	U	µg/kg dry	452	9.13	1	"	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BDL	U	µg/kg dry	452	6.39	1	"	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BDL	U	µg/kg dry	452	9.13	1	"	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BDL	U	µg/kg dry	452	9.13	1	"	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Sidewall-N SB10892-02	MEC2001.P2	Soil	15-Apr-10 10:00	19-Apr-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GCMS													
Semivolatile Organic Compounds by SW846 8270 Prepared by method SW846 3545A													
82-68-8	Pentachloronitrobenzene	BDL	U	µg/kg dry	452	226	1	SW846 8270C	22-Apr-10	23-Apr-10	MSL	1008454	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BDL	U	µg/kg dry	452	226	1	"	"	"	"	"	X
Surrogate recoveries:													
321-60-8	*2-Fluorobiphenyl*	68			*30-130 %*			"	"	"	"	"	
367-12-4	*2-Fluorophenol*	74			*15-110 %*			"	"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	72			*30-130 %*			"	"	"	"	"	
4165-62-2	*Phenol-d5*	80			*15-110 %*			"	"	"	"	"	
1718-51-0	*Terphenyl-dl4*	66			*30-130 %*			"	"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	69			*15-110 %*			"	"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods													
7440-22-4	Silver	BDL	U	mg/kg dry	1.88	0.265	1	SW846 6010B	01-May-10	04-May-10	KNJ	1008823	X
7440-38-2	Arsenic	3.57		mg/kg dry	1.88	0.377	1	"	"	"	"	"	X
7440-39-3	Barium	131		mg/kg dry	1.25	0.238	1	"	"	05-May-10	"	"	X
7440-43-9	Cadmium	1.10		mg/kg dry	0.627	0.131	1	"	"	04-May-10	"	"	X
7440-47-3	Chromium	20.9		mg/kg dry	1.25	0.289	1	"	"	"	"	"	X
7439-97-6	Mercury	0.0534		mg/kg dry	0.0341	0.0053	1	SW846 7471A	"	03-May-10	KNJ	1008824	X
7439-92-1	Lead	13.6		mg/kg dry	1.88	0.811	1	SW846 6010B	"	04-May-10	KNJ	1008823	X
7782-49-2	Selenium	1.10	J	mg/kg dry	1.88	0.325	1	"	"	05-May-10	"	"	X
General Chemistry Parameters													
	% Solids	77.4		%			1	SM2540 G Mod.	23-Apr-10	23-Apr-10	VK	1008552	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Sidewall-W	MEC2001.P2	Soil	15-Apr-10 11:00	19-Apr-10
SB10892-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds													
	VOC Extraction	Lab extracted		N/A			1	VOC Soil Extraction	21-Apr-10	21-Apr-10	BD	1008442	
Volatile Organic Compounds Prepared by method SW846 5035A Soil (low level)						Initial weight: 5.24 g							
Re-analysis of Volatile Organic Compounds Prepared by method SW846 5035A Soil (low level)													
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BDL	U	µg/kg dry	9.4	5.7	1	SW846 8260B	27-Apr-10	27-Apr-10	JRO	1008809	X
67-64-1	Acetone	140		µg/kg dry	94.2	87.9	1	"	"	"	"	"	X
107-13-1	Acrylonitrile	BDL	U	µg/kg dry	9.4	9.1	1	"	"	"	"	"	X
71-43-2	Benzene	BDL	U	µg/kg dry	9.4	5.5	1	"	"	"	"	"	X
108-86-1	Bromobenzene	BDL	U	µg/kg dry	9.4	5.6	1	"	"	"	"	"	X
74-97-5	Bromochloromethane	BDL	U	µg/kg dry	9.4	6.3	1	"	"	"	"	"	X
75-27-4	Bromodichloromethane	BDL	U	µg/kg dry	9.4	5.4	1	"	"	"	"	"	X
75-25-2	Bromoform	BDL	U	µg/kg dry	9.4	9.2	1	"	"	"	"	"	X
74-83-9	Bromomethane	BDL	U	µg/kg dry	18.8	17.2	1	"	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BDL	U	µg/kg dry	94.2	35.7	1	"	"	"	"	"	X
104-51-8	n-Butylbenzene	BDL	U	µg/kg dry	9.4	7.7	1	"	"	"	"	"	X
135-98-8	sec-Butylbenzene	BDL	U	µg/kg dry	9.4	6.5	1	"	"	"	"	"	X
98-06-6	tert-Butylbenzene	BDL	U	µg/kg dry	9.4	9.0	1	"	"	"	"	"	X
75-15-0	Carbon disulfide	BDL	U	µg/kg dry	18.8	18.8	1	"	"	"	"	"	X
56-23-5	Carbon tetrachloride	BDL	U	µg/kg dry	9.4	7.8	1	"	"	"	"	"	X
108-90-7	Chlorobenzene	BDL	U	µg/kg dry	9.4	9.0	1	"	"	"	"	"	X
75-00-3	Chloroethane	BDL	U	µg/kg dry	18.8	15.6	1	"	"	"	"	"	X
67-66-3	Chloroform	BDL	U	µg/kg dry	9.4	8.7	1	"	"	"	"	"	X
74-87-3	Chloromethane	BDL	U	µg/kg dry	18.8	11.4	1	"	"	"	"	"	X
95-49-8	2-Chlorotoluene	BDL	U	µg/kg dry	9.4	6.5	1	"	"	"	"	"	X
106-43-4	4-Chlorotoluene	BDL	U	µg/kg dry	9.4	7.8	1	"	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BDL	U	µg/kg dry	18.8	15.1	1	"	"	"	"	"	X
124-48-1	Dibromochloromethane	BDL	U	µg/kg dry	9.4	6.9	1	"	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BDL	U	µg/kg dry	9.4	5.9	1	"	"	"	"	"	X
74-95-3	Dibromomethane	BDL	U	µg/kg dry	9.4	6.1	1	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BDL	U	µg/kg dry	9.4	8.3	1	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BDL	U	µg/kg dry	9.4	4.3	1	"	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BDL	U	µg/kg dry	9.4	7.6	1	"	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BDL	U	µg/kg dry	18.8	18.0	1	"	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BDL	U	µg/kg dry	9.4	7.0	1	"	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BDL	U	µg/kg dry	9.4	9.0	1	"	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BDL	U	µg/kg dry	9.4	9.0	1	"	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BDL	U	µg/kg dry	9.4	8.0	1	"	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BDL	U	µg/kg dry	9.4	8.9	1	"	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BDL	U	µg/kg dry	9.4	6.6	1	"	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BDL	U	µg/kg dry	9.4	6.5	1	"	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BDL	U	µg/kg dry	9.4	9.3	1	"	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BDL	U	µg/kg dry	9.4	9.2	1	"	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BDL	U	µg/kg dry	9.4	4.8	1	"	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Sidewall-W	MEC2001.P2	Soil	15-Apr-10 11:00	19-Apr-10
SB10892-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds													
Volatile Organic Compounds Prepared by method SW846 5035A Soil (low level)							Initial weight: 5.24 g						
Re-analysis of Volatile Organic Compounds Prepared by method SW846 5035A Soil (low level)													
10061-02-6	trans-1,3-Dichloropropene	BDL	U	µg/kg dry	9.4	5.2	1	SW846 8260B	27-Apr-10	27-Apr-10	JRO	1008809	X
100-41-4	Ethylbenzene	BDL	U	µg/kg dry	9.4	8.7	1	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BDL	U	µg/kg dry	9.4	7.2	1	"	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BDL	U	µg/kg dry	94.2	32.2	1	"	"	"	"	"	X
98-82-8	Isopropylbenzene	BDL	U	µg/kg dry	9.4	6.0	1	"	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BDL	U	µg/kg dry	9.4	7.7	1	"	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BDL	U	µg/kg dry	9.4	7.5	1	"	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BDL	U	µg/kg dry	94.2	21.6	1	"	"	"	"	"	X
75-09-2	Methylene chloride	BDL	U	µg/kg dry	18.8	18.8	1	"	"	"	"	"	X
91-20-3	Naphthalene	BDL	U	µg/kg dry	9.4	7.7	1	"	"	"	"	"	X
103-65-1	n-Propylbenzene	BDL	U	µg/kg dry	9.4	6.9	1	"	"	"	"	"	X
100-42-5	Styrene	BDL	U	µg/kg dry	9.4	4.7	1	"	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BDL	U	µg/kg dry	9.4	8.6	1	"	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BDL	U	µg/kg dry	9.4	6.8	1	"	"	"	"	"	X
127-18-4	Tetrachloroethene	BDL	U	µg/kg dry	9.4	8.2	1	"	"	"	"	"	X
108-88-3	Toluene	BDL	U	µg/kg dry	9.4	8.5	1	"	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BDL	U	µg/kg dry	9.4	7.4	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BDL	U	µg/kg dry	9.4	8.7	1	"	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BDL	U	µg/kg dry	9.4	7.2	1	"	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BDL	U	µg/kg dry	9.4	8.8	1	"	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BDL	U	µg/kg dry	9.4	5.9	1	"	"	"	"	"	X
79-01-6	Trichloroethene	BDL	U	µg/kg dry	9.4	9.2	1	"	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BDL	U	µg/kg dry	9.4	7.5	1	"	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BDL	U	µg/kg dry	9.4	8.0	1	"	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BDL	U	µg/kg dry	9.4	7.4	1	"	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BDL	U	µg/kg dry	9.4	9.0	1	"	"	"	"	"	X
75-01-4	Vinyl chloride	BDL	U	µg/kg dry	9.4	7.5	1	"	"	"	"	"	X
179601-23-1	m,p-Xylene	BDL	U	µg/kg dry	18.8	15.1	1	"	"	"	"	"	X
95-47-6	o-Xylene	BDL	U	µg/kg dry	9.4	5.9	1	"	"	"	"	"	X
109-99-9	Tetrahydrofuran	BDL	U	µg/kg dry	18.8	18.8	1	"	"	"	"	"	
60-29-7	Ethyl ether	BDL	U	µg/kg dry	9.4	7.1	1	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BDL	U	µg/kg dry	9.4	8.6	1	"	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BDL	U	µg/kg dry	9.4	9.3	1	"	"	"	"	"	
108-20-3	Di-isopropyl ether	BDL	U	µg/kg dry	9.4	5.7	1	"	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BDL	U	µg/kg dry	94.2	85.6	1	"	"	"	"	"	X
123-91-1	1,4-Dioxane	BDL	U	µg/kg dry	188	156	1	"	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BDL	U	µg/kg dry	47.1	9.2	1	"	"	"	"	"	
64-17-5	Ethanol	BDL	U	µg/kg dry	3770	587	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Sidewall-W	MEC2001.P2	Soil	15-Apr-10 11:00	19-Apr-10
SB10892-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds													
Volatile Organic Compounds													
Prepared by method SW846 5035A Soil (low level)							Initial weight: 5.24 g						
Re-analysis of Volatile Organic Compounds													
Prepared by method SW846 5035A Soil (low level)													
Surrogate recoveries:													
460-00-4	*4-Bromofluorobenzene*	96			70-130 %			SW846 8260B	27-Apr-10	27-Apr-10	JRO	1008809	
2037-26-5	*Toluene-d8*	101			70-130 %			"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	113			70-130 %			"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	102			70-130 %			"	"	"	"	"	
Semivolatile Organic Compounds by GCMS													
Semivolatile Organic Compounds by SW846 8270													
Prepared by method SW846 3545A													
83-32-9	Acenaphthene	BDL	U	µg/kg dry	240	11.7	1	SW846 8270C	22-Apr-10	23-Apr-10	MSL	1008454	X
208-96-8	Acenaphthylene	BDL	U	µg/kg dry	240	14.6	1	"	"	"	"	"	X
62-53-3	Aniline	BDL	U	µg/kg dry	481	37.0	1	"	"	"	"	"	X
120-12-7	Anthracene	BDL	U	µg/kg dry	240	14.6	1	"	"	"	"	"	X
1912-24-9	Atrazine	BDL	U	µg/kg dry	481	12.7	1	"	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BDL	U	µg/kg dry	481	12.7	1	"	"	"	"	"	
92-87-5	Benzidine	BDL	U	µg/kg dry	481	54.5	1	"	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BDL	U	µg/kg dry	240	31.0	1	"	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BDL	U	µg/kg dry	240	16.5	1	"	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BDL	U	µg/kg dry	240	64.1	1	"	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BDL	U	µg/kg dry	240	13.5	1	"	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BDL	U	µg/kg dry	240	19.4	1	"	"	"	"	"	X
65-85-0	Benzoic acid	BDL	U	µg/kg dry	481	8.74	1	"	"	"	"	"	X
100-51-6	Benzyl alcohol	BDL	U	µg/kg dry	481	15.6	1	"	"	"	"	"	X
111-91-1	Bis(2-chloroethoxy)methane	BDL	U	µg/kg dry	481	9.72	1	"	"	"	"	"	X
111-44-4	Bis(2-chloroethyl)ether	BDL	U	µg/kg dry	481	6.80	1	"	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BDL	U	µg/kg dry	481	8.74	1	"	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BDL	U	µg/kg dry	481	92.4	1	"	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BDL	U	µg/kg dry	481	22.3	1	"	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BDL	U	µg/kg dry	481	55.4	1	"	"	"	"	"	X
86-74-8	Carbazole	BDL	U	µg/kg dry	481	17.5	1	"	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BDL	U	µg/kg dry	481	17.5	1	"	"	"	"	"	X
106-47-8	4-Chloroaniline	BDL	U	µg/kg dry	481	46.6	1	"	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BDL	U	µg/kg dry	481	6.85	1	"	"	"	"	"	X
95-57-8	2-Chlorophenol	BDL	U	µg/kg dry	481	9.72	1	"	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BDL	U	µg/kg dry	481	5.83	1	"	"	"	"	"	X
218-01-9	Chrysene	BDL	U	µg/kg dry	240	6.85	1	"	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BDL	U	µg/kg dry	240	7.72	1	"	"	"	"	"	X
132-64-9	Dibenzofuran	BDL	U	µg/kg dry	481	5.83	1	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BDL	U	µg/kg dry	481	0.233	1	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BDL	U	µg/kg dry	481	20.4	1	"	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Sidewall-W	MEC2001.P2	Soil	15-Apr-10 11:00	19-Apr-10
SB10892-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GCMS													
Semivolatile Organic Compounds by SW846 8270 Prepared by method SW846 3545A													
106-46-7	1,4-Dichlorobenzene	BDL	U	µg/kg dry	481	21.4	1	SW846 8270C	22-Apr-10	23-Apr-10	MSL	1008454	X
91-94-1	3,3'-Dichlorobenzidine	BDL	U	µg/kg dry	481	35.0	1	"	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BDL	U	µg/kg dry	481	12.7	1	"	"	"	"	"	X
84-66-2	Diethyl phthalate	BDL	U	µg/kg dry	481	15.6	1	"	"	"	"	"	X
131-11-3	Dimethyl phthalate	BDL	U	µg/kg dry	481	13.5	1	"	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BDL	U	µg/kg dry	481	22.3	1	"	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BDL	U	µg/kg dry	481	12.7	1	"	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BDL	U	µg/kg dry	481	11.7	1	"	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BDL	U	µg/kg dry	481	30.2	1	"	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BDL	U	µg/kg dry	481	20.4	1	"	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BDL	U	µg/kg dry	481	11.7	1	"	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BDL	U	µg/kg dry	481	23.3	1	"	"	"	"	"	X
206-44-0	Fluoranthene	BDL	U	µg/kg dry	240	11.7	1	"	"	"	"	"	X
86-73-7	Fluorene	BDL	U	µg/kg dry	240	11.7	1	"	"	"	"	"	X
118-74-1	Hexachlorobenzene	BDL	U	µg/kg dry	481	36.0	1	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BDL	U	µg/kg dry	481	54.5	1	"	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BDL	U	µg/kg dry	481	36.0	1	"	"	"	"	"	X
67-72-1	Hexachloroethane	BDL	U	µg/kg dry	481	49.5	1	"	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BDL	U	µg/kg dry	240	22.3	1	"	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BDL	U	µg/kg dry	240	0.160	1	"	"	"	"	"	
78-59-1	Isophorone	BDL	U	µg/kg dry	481	29.1	1	"	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BDL	U	µg/kg dry	240	10.6	1	"	"	"	"	"	X
95-48-7	2-Methylphenol	BDL	U	µg/kg dry	481	20.4	1	"	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BDL	U	µg/kg dry	481	11.7	1	"	"	"	"	"	X
91-20-3	Naphthalene	BDL	U	µg/kg dry	240	18.5	1	"	"	"	"	"	X
88-74-4	2-Nitroaniline	BDL	U	µg/kg dry	481	5.83	1	"	"	"	"	"	X
99-09-2	3-Nitroaniline	BDL	U	µg/kg dry	481	16.5	1	"	"	"	"	"	X
100-01-6	4-Nitroaniline	BDL	U	µg/kg dry	1920	18.5	1	"	"	"	"	"	X
98-95-3	Nitrobenzene	BDL	U	µg/kg dry	481	17.5	1	"	"	"	"	"	X
88-75-5	2-Nitrophenol	BDL	U	µg/kg dry	481	22.3	1	"	"	"	"	"	X
100-02-7	4-Nitrophenol	BDL	U	µg/kg dry	1920	25.2	1	"	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BDL	U	µg/kg dry	481	10.7	1	"	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BDL	U	µg/kg dry	481	58.3	1	"	"	"	"	"	X
86-30-6	N-Nitrosodiphenylamine	BDL	U	µg/kg dry	481	18.5	1	"	"	"	"	"	X
87-86-5	Pentachlorophenol	BDL	U	µg/kg dry	481	31.0	1	"	"	"	"	"	X
85-01-8	Phenanthrene	BDL	U	µg/kg dry	240	22.3	1	"	"	"	"	"	X
108-95-2	Phenol	BDL	U	µg/kg dry	481	9.72	1	"	"	"	"	"	X
129-00-0	Pyrene	BDL	U	µg/kg dry	240	34.1	1	"	"	"	"	"	X
110-86-1	Pyridine	BDL	U	µg/kg dry	481	9.72	1	"	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BDL	U	µg/kg dry	481	6.80	1	"	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BDL	U	µg/kg dry	481	9.72	1	"	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BDL	U	µg/kg dry	481	9.72	1	"	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Sidewall-W	MEC2001.P2	Soil	15-Apr-10 11:00	19-Apr-10
SB10892-03				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GCMS													
Semivolatile Organic Compounds by SW846 8270 Prepared by method SW846 3545A													
82-68-8	Pentachloronitrobenzene	BDL	U	µg/kg dry	481	240	1	SW846 8270C	22-Apr-10	23-Apr-10	MSL	1008454	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BDL	U	µg/kg dry	481	240	1	"	"	"	"	"	X
Surrogate recoveries:													
321-60-8	*2-Fluorobiphenyl*	62			*30-130 %*			"	"	"	"	"	
367-12-4	*2-Fluorophenol*	67			*15-110 %*			"	"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	67			*30-130 %*			"	"	"	"	"	
4165-62-2	*Phenol-d5*	74			*15-110 %*			"	"	"	"	"	
1718-51-0	*Terphenyl-dl4*	61			*30-130 %*			"	"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	64			*15-110 %*			"	"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods													
7440-22-4	Silver	BDL	U	mg/kg dry	1.86	0.261	1	SW846 6010B	01-May-10	04-May-10	KNJ	1008823	X
7440-38-2	Arsenic	3.65		mg/kg dry	1.86	0.373	1	"	"	"	"	"	X
7440-39-3	Barium	172		mg/kg dry	1.24	0.235	1	"	"	05-May-10	"	"	X
7440-43-9	Cadmium	1.26		mg/kg dry	0.620	0.130	1	"	"	04-May-10	"	"	X
7440-47-3	Chromium	23.3		mg/kg dry	1.24	0.286	1	"	"	"	"	"	X
7439-97-6	Mercury	0.0704		mg/kg dry	0.0399	0.0062	1	SW846 7471A	"	03-May-10	KNJ	1008824	X
7439-92-1	Lead	13.8		mg/kg dry	1.86	0.801	1	SW846 6010B	"	04-May-10	KNJ	1008823	X
7782-49-2	Selenium	0.930	J	mg/kg dry	1.86	0.321	1	"	"	05-May-10	"	"	X
General Chemistry Parameters													
	% Solids	67.7		%			1	SM2540 G Mod.	23-Apr-10	23-Apr-10	VK	1008552	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Sidewall-S	MEC2001.P2	Soil	15-Apr-10 12:00	19-Apr-10
SB10892-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds													
	VOC Extraction	Lab extracted		N/A			1	VOC Soil Extraction	21-Apr-10	21-Apr-10	BD	1008442	
Volatile Organic Compounds Prepared by method SW846 5035A Soil (low level)						Initial weight: 5.64 g							
Re-analysis of Volatile Organic Compounds Prepared by method SW846 5035A Soil (low level)													
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BDL	U	µg/kg dry	6.8	4.1	1	SW846 8260B	27-Apr-10	27-Apr-10	JRO	1008809	X
67-64-1	Acetone	250		µg/kg dry	68.2	63.6	1	"	"	"	"	"	X
107-13-1	Acrylonitrile	BDL	U	µg/kg dry	6.8	6.6	1	"	"	"	"	"	X
71-43-2	Benzene	BDL	U	µg/kg dry	6.8	4.0	1	"	"	"	"	"	X
108-86-1	Bromobenzene	BDL	U	µg/kg dry	6.8	4.0	1	"	"	"	"	"	X
74-97-5	Bromochloromethane	BDL	U	µg/kg dry	6.8	4.6	1	"	"	"	"	"	X
75-27-4	Bromodichloromethane	BDL	U	µg/kg dry	6.8	3.9	1	"	"	"	"	"	X
75-25-2	Bromoform	BDL	U	µg/kg dry	6.8	6.7	1	"	"	"	"	"	X
74-83-9	Bromomethane	BDL	U	µg/kg dry	13.6	12.5	1	"	"	"	"	"	X
78-93-3	2-Butanone (MEK)	26.6	J	µg/kg dry	68.2	25.9	1	"	"	"	"	"	X
104-51-8	n-Butylbenzene	BDL	U	µg/kg dry	6.8	5.6	1	"	"	"	"	"	X
135-98-8	sec-Butylbenzene	BDL	U	µg/kg dry	6.8	4.7	1	"	"	"	"	"	X
98-06-6	tert-Butylbenzene	BDL	U	µg/kg dry	6.8	6.5	1	"	"	"	"	"	X
75-15-0	Carbon disulfide	BDL	U	µg/kg dry	13.6	13.6	1	"	"	"	"	"	X
56-23-5	Carbon tetrachloride	BDL	U	µg/kg dry	6.8	5.7	1	"	"	"	"	"	X
108-90-7	Chlorobenzene	BDL	U	µg/kg dry	6.8	6.5	1	"	"	"	"	"	X
75-00-3	Chloroethane	BDL	U	µg/kg dry	13.6	11.3	1	"	"	"	"	"	X
67-66-3	Chloroform	BDL	U	µg/kg dry	6.8	6.3	1	"	"	"	"	"	X
74-87-3	Chloromethane	BDL	U	µg/kg dry	13.6	8.3	1	"	"	"	"	"	X
95-49-8	2-Chlorotoluene	BDL	U	µg/kg dry	6.8	4.7	1	"	"	"	"	"	X
106-43-4	4-Chlorotoluene	BDL	U	µg/kg dry	6.8	5.7	1	"	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BDL	U	µg/kg dry	13.6	10.9	1	"	"	"	"	"	X
124-48-1	Dibromochloromethane	BDL	U	µg/kg dry	6.8	5.0	1	"	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BDL	U	µg/kg dry	6.8	4.3	1	"	"	"	"	"	X
74-95-3	Dibromomethane	BDL	U	µg/kg dry	6.8	4.4	1	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BDL	U	µg/kg dry	6.8	6.0	1	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BDL	U	µg/kg dry	6.8	3.1	1	"	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BDL	U	µg/kg dry	6.8	5.5	1	"	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BDL	U	µg/kg dry	13.6	13.0	1	"	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BDL	U	µg/kg dry	6.8	5.0	1	"	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BDL	U	µg/kg dry	6.8	6.5	1	"	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BDL	U	µg/kg dry	6.8	6.5	1	"	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BDL	U	µg/kg dry	6.8	5.8	1	"	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BDL	U	µg/kg dry	6.8	6.4	1	"	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BDL	U	µg/kg dry	6.8	4.8	1	"	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BDL	U	µg/kg dry	6.8	4.7	1	"	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BDL	U	µg/kg dry	6.8	6.8	1	"	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BDL	U	µg/kg dry	6.8	6.7	1	"	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BDL	U	µg/kg dry	6.8	3.5	1	"	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Sidewall-S	MEC2001.P2	Soil	15-Apr-10 12:00	19-Apr-10
SB10892-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds													
Volatile Organic Compounds													
Prepared by method SW846 5035A Soil (low level)							Initial weight: 5.64 g						
Re-analysis of Volatile Organic Compounds													
Prepared by method SW846 5035A Soil (low level)													
10061-02-6	trans-1,3-Dichloropropene	BDL	U	µg/kg dry	6.8	3.8	1	SW846 8260B	27-Apr-10	27-Apr-10	JRO	1008809	X
100-41-4	Ethylbenzene	BDL	U	µg/kg dry	6.8	6.3	1	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BDL	U	µg/kg dry	6.8	5.2	1	"	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BDL	U	µg/kg dry	68.2	23.3	1	"	"	"	"	"	X
98-82-8	Isopropylbenzene	BDL	U	µg/kg dry	6.8	4.4	1	"	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BDL	U	µg/kg dry	6.8	5.6	1	"	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BDL	U	µg/kg dry	6.8	5.5	1	"	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BDL	U	µg/kg dry	68.2	15.6	1	"	"	"	"	"	X
75-09-2	Methylene chloride	BDL	U	µg/kg dry	13.6	13.6	1	"	"	"	"	"	X
91-20-3	Naphthalene	BDL	U	µg/kg dry	6.8	5.6	1	"	"	"	"	"	X
103-65-1	n-Propylbenzene	BDL	U	µg/kg dry	6.8	5.0	1	"	"	"	"	"	X
100-42-5	Styrene	BDL	U	µg/kg dry	6.8	3.4	1	"	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BDL	U	µg/kg dry	6.8	6.2	1	"	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BDL	U	µg/kg dry	6.8	4.9	1	"	"	"	"	"	X
127-18-4	Tetrachloroethene	BDL	U	µg/kg dry	6.8	5.9	1	"	"	"	"	"	X
108-88-3	Toluene	BDL	U	µg/kg dry	6.8	6.1	1	"	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BDL	U	µg/kg dry	6.8	5.3	1	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BDL	U	µg/kg dry	6.8	6.3	1	"	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BDL	U	µg/kg dry	6.8	5.2	1	"	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BDL	U	µg/kg dry	6.8	6.3	1	"	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BDL	U	µg/kg dry	6.8	4.3	1	"	"	"	"	"	X
79-01-6	Trichloroethene	BDL	U	µg/kg dry	6.8	6.7	1	"	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BDL	U	µg/kg dry	6.8	5.5	1	"	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BDL	U	µg/kg dry	6.8	5.8	1	"	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	BDL	U	µg/kg dry	6.8	5.3	1	"	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BDL	U	µg/kg dry	6.8	6.5	1	"	"	"	"	"	X
75-01-4	Vinyl chloride	BDL	U	µg/kg dry	6.8	5.5	1	"	"	"	"	"	X
179601-23-1	m,p-Xylene	BDL	U	µg/kg dry	13.6	10.9	1	"	"	"	"	"	X
95-47-6	o-Xylene	BDL	U	µg/kg dry	6.8	4.3	1	"	"	"	"	"	X
109-99-9	Tetrahydrofuran	BDL	U	µg/kg dry	13.6	13.6	1	"	"	"	"	"	
60-29-7	Ethyl ether	BDL	U	µg/kg dry	6.8	5.1	1	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BDL	U	µg/kg dry	6.8	6.2	1	"	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BDL	U	µg/kg dry	6.8	6.8	1	"	"	"	"	"	
108-20-3	Di-isopropyl ether	BDL	U	µg/kg dry	6.8	4.2	1	"	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BDL	U	µg/kg dry	68.2	61.9	1	"	"	"	"	"	X
123-91-1	1,4-Dioxane	BDL	U	µg/kg dry	136	113	1	"	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BDL	U	µg/kg dry	34.1	6.7	1	"	"	"	"	"	
64-17-5	Ethanol	BDL	U	µg/kg dry	2730	425	1	"	"	"	"	"	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Sidewall-S SB10892-04	MEC2001.P2	Soil	15-Apr-10 12:00	19-Apr-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds													
Volatile Organic Compounds Prepared by method SW846 5035A Soil (low level)							Initial weight: 5.64 g						
Re-analysis of Volatile Organic Compounds Prepared by method SW846 5035A Soil (low level)													
Surrogate recoveries:													
460-00-4	*4-Bromofluorobenzene*	91			*70-130 %*			SW846 8260B	27-Apr-10	27-Apr-10	JRO	1008809	
2037-26-5	*Toluene-d8*	100			*70-130 %*			"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	112			*70-130 %*			"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	103			*70-130 %*			"	"	"	"	"	
Semivolatile Organic Compounds by GCMS													
Semivolatile Organic Compounds by SW846 8270 Prepared by method SW846 3545A													
83-32-9	Acenaphthene	BDL	U	µg/kg dry	256	12.4	1	SW846 8270C	22-Apr-10	23-Apr-10	MSL	1008454	X
208-96-8	Acenaphthylene	BDL	U	µg/kg dry	256	15.5	1	"	"	"	"	"	X
62-53-3	Aniline	BDL	U	µg/kg dry	511	39.3	1	"	"	"	"	"	X
120-12-7	Anthracene	BDL	U	µg/kg dry	256	15.5	1	"	"	"	"	"	X
1912-24-9	Atrazine	BDL	U	µg/kg dry	511	13.5	1	"	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BDL	U	µg/kg dry	511	13.5	1	"	"	"	"	"	
92-87-5	Benzidine	BDL	U	µg/kg dry	511	57.9	1	"	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BDL	U	µg/kg dry	256	33.0	1	"	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BDL	U	µg/kg dry	256	17.5	1	"	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BDL	U	µg/kg dry	256	68.1	1	"	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BDL	U	µg/kg dry	256	14.4	1	"	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BDL	U	µg/kg dry	256	20.6	1	"	"	"	"	"	X
65-85-0	Benzoic acid	BDL	U	µg/kg dry	511	9.29	1	"	"	"	"	"	X
100-51-6	Benzyl alcohol	BDL	U	µg/kg dry	511	16.6	1	"	"	"	"	"	X
111-91-1	Bis(2-chloroethoxy)methane	BDL	U	µg/kg dry	511	10.3	1	"	"	"	"	"	X
111-44-4	Bis(2-chloroethyl)ether	BDL	U	µg/kg dry	511	7.23	1	"	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BDL	U	µg/kg dry	511	9.29	1	"	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BDL	U	µg/kg dry	511	98.2	1	"	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BDL	U	µg/kg dry	511	23.7	1	"	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BDL	U	µg/kg dry	511	58.8	1	"	"	"	"	"	X
86-74-8	Carbazole	BDL	U	µg/kg dry	511	18.6	1	"	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BDL	U	µg/kg dry	511	18.6	1	"	"	"	"	"	X
106-47-8	4-Chloroaniline	BDL	U	µg/kg dry	511	49.6	1	"	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BDL	U	µg/kg dry	511	7.28	1	"	"	"	"	"	X
95-57-8	2-Chlorophenol	BDL	U	µg/kg dry	511	10.3	1	"	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BDL	U	µg/kg dry	511	6.19	1	"	"	"	"	"	X
218-01-9	Chrysene	BDL	U	µg/kg dry	256	7.28	1	"	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BDL	U	µg/kg dry	256	8.21	1	"	"	"	"	"	X
132-64-9	Dibenzofuran	BDL	U	µg/kg dry	511	6.19	1	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BDL	U	µg/kg dry	511	0.248	1	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BDL	U	µg/kg dry	511	21.7	1	"	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Sidewall-S	MEC2001.P2	Soil	15-Apr-10 12:00	19-Apr-10
SB10892-04				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GCMS													
Semivolatile Organic Compounds by SW846 8270 Prepared by method SW846 3545A													
106-46-7	1,4-Dichlorobenzene	BDL	U	µg/kg dry	511	22.8	1	SW846 8270C	22-Apr-10	23-Apr-10	MSL	1008454	X
91-94-1	3,3'-Dichlorobenzidine	BDL	U	µg/kg dry	511	37.2	1	"	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BDL	U	µg/kg dry	511	13.5	1	"	"	"	"	"	X
84-66-2	Diethyl phthalate	BDL	U	µg/kg dry	511	16.6	1	"	"	"	"	"	X
131-11-3	Dimethyl phthalate	BDL	U	µg/kg dry	511	14.4	1	"	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BDL	U	µg/kg dry	511	23.7	1	"	"	"	"	"	X
84-74-2	Di-n-butyl phthalate	BDL	U	µg/kg dry	511	13.5	1	"	"	"	"	"	X
534-52-1	4,6-Dinitro-2-methylphenol	BDL	U	µg/kg dry	511	12.4	1	"	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BDL	U	µg/kg dry	511	32.1	1	"	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BDL	U	µg/kg dry	511	21.7	1	"	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BDL	U	µg/kg dry	511	12.4	1	"	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BDL	U	µg/kg dry	511	24.8	1	"	"	"	"	"	X
206-44-0	Fluoranthene	BDL	U	µg/kg dry	256	12.4	1	"	"	"	"	"	X
86-73-7	Fluorene	BDL	U	µg/kg dry	256	12.4	1	"	"	"	"	"	X
118-74-1	Hexachlorobenzene	BDL	U	µg/kg dry	511	38.3	1	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BDL	U	µg/kg dry	511	57.9	1	"	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BDL	U	µg/kg dry	511	38.3	1	"	"	"	"	"	X
67-72-1	Hexachloroethane	BDL	U	µg/kg dry	511	52.7	1	"	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BDL	U	µg/kg dry	256	23.7	1	"	"	"	"	"	X
90-12-0	1-Methylnaphthalene	BDL	U	µg/kg dry	256	0.170	1	"	"	"	"	"	
78-59-1	Isophorone	BDL	U	µg/kg dry	511	31.0	1	"	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BDL	U	µg/kg dry	256	11.3	1	"	"	"	"	"	X
95-48-7	2-Methylphenol	BDL	U	µg/kg dry	511	21.7	1	"	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BDL	U	µg/kg dry	511	12.4	1	"	"	"	"	"	X
91-20-3	Naphthalene	BDL	U	µg/kg dry	256	19.7	1	"	"	"	"	"	X
88-74-4	2-Nitroaniline	BDL	U	µg/kg dry	511	6.19	1	"	"	"	"	"	X
99-09-2	3-Nitroaniline	BDL	U	µg/kg dry	511	17.5	1	"	"	"	"	"	X
100-01-6	4-Nitroaniline	BDL	U	µg/kg dry	2040	19.7	1	"	"	"	"	"	X
98-95-3	Nitrobenzene	BDL	U	µg/kg dry	511	18.6	1	"	"	"	"	"	X
88-75-5	2-Nitrophenol	BDL	U	µg/kg dry	511	23.7	1	"	"	"	"	"	X
100-02-7	4-Nitrophenol	BDL	U	µg/kg dry	2040	26.8	1	"	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BDL	U	µg/kg dry	511	11.4	1	"	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BDL	U	µg/kg dry	511	61.9	1	"	"	"	"	"	X
86-30-6	N-Nitrosodiphenylamine	BDL	U	µg/kg dry	511	19.7	1	"	"	"	"	"	X
87-86-5	Pentachlorophenol	BDL	U	µg/kg dry	511	33.0	1	"	"	"	"	"	X
85-01-8	Phenanthrene	BDL	U	µg/kg dry	256	23.7	1	"	"	"	"	"	X
108-95-2	Phenol	BDL	U	µg/kg dry	511	10.3	1	"	"	"	"	"	X
129-00-0	Pyrene	BDL	U	µg/kg dry	256	36.2	1	"	"	"	"	"	X
110-86-1	Pyridine	BDL	U	µg/kg dry	511	10.3	1	"	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BDL	U	µg/kg dry	511	7.23	1	"	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BDL	U	µg/kg dry	511	10.3	1	"	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BDL	U	µg/kg dry	511	10.3	1	"	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Sidewall-S SB10892-04	MEC2001.P2	Soil	15-Apr-10 12:00	19-Apr-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GCMS													
Semivolatile Organic Compounds by SW846 8270 Prepared by method SW846 3545A													
82-68-8	Pentachloronitrobenzene	BDL	U	µg/kg dry	511	256	1	SW846 8270C	22-Apr-10	23-Apr-10	MSL	1008454	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BDL	U	µg/kg dry	511	256	1	"	"	"	"	"	X
Surrogate recoveries:													
321-60-8	*2-Fluorobiphenyl*	68			*30-130 %*			"	"	"	"	"	
367-12-4	*2-Fluorophenol*	75			*15-110 %*			"	"	"	"	"	
4165-60-0	*Nitrobenzene-d5*	75			*30-130 %*			"	"	"	"	"	
4165-62-2	*Phenol-d5*	83			*15-110 %*			"	"	"	"	"	
1718-51-0	*Terphenyl-dl4*	68			*30-130 %*			"	"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	71			*15-110 %*			"	"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods													
7440-22-4	Silver	BDL	U	mg/kg dry	1.60	0.225	1	SW846 6010B	01-May-10	04-May-10	KNJ	1008823	X
7440-38-2	Arsenic	BDL	U	mg/kg dry	1.60	0.321	1	"	"	"	"	"	X
7440-39-3	Barium	191		mg/kg dry	1.07	0.203	1	"	"	05-May-10	"	"	X
7440-43-9	Cadmium	1.10		mg/kg dry	0.534	0.112	1	"	"	04-May-10	"	"	X
7440-47-3	Chromium	29.4		mg/kg dry	1.07	0.246	1	"	"	"	"	"	X
7439-97-6	Mercury	0.0350		mg/kg dry	0.0333	0.0052	1	SW846 7471A	"	03-May-10	KNJ	1008824	X
7439-92-1	Lead	9.41		mg/kg dry	1.60	0.690	1	SW846 6010B	"	04-May-10	KNJ	1008823	X
7782-49-2	Selenium	0.886	J	mg/kg dry	1.60	0.277	1	"	"	05-May-10	"	"	X
General Chemistry Parameters													
	% Solids	79.8		%			1	SM2540 G Mod.	23-Apr-10	23-Apr-10	VK	1008552	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Bottom SB10892-05	MEC2001.P2	Soil	15-Apr-10 13:00	19-Apr-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds													
	VOC Extraction	Lab extracted		N/A			1	VOC Soil Extraction	21-Apr-10	21-Apr-10	BD	1008442	
Volatile Organic Compounds			R05										
Prepared by method SW846 5030 Soil (high level)							Initial weight: 14.97 g						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	BDL	U	µg/kg dry	177	106	100	SW846 8260B	22-Apr-10	22-Apr-10	adu	1008482	X
67-64-1	Acetone	BDL	U	µg/kg dry	1770	1650	100	"	"	"	"	"	X
107-13-1	Acrylonitrile	BDL	U	µg/kg dry	177	172	100	"	"	"	"	"	X
71-43-2	Benzene	BDL	U	µg/kg dry	177	103	100	"	"	"	"	"	X
108-86-1	Bromobenzene	BDL	U	µg/kg dry	177	104	100	"	"	"	"	"	X
74-97-5	Bromochloromethane	BDL	U	µg/kg dry	177	119	100	"	"	"	"	"	X
75-27-4	Bromodichloromethane	BDL	U	µg/kg dry	177	101	100	"	"	"	"	"	X
75-25-2	Bromoform	BDL	U	µg/kg dry	177	173	100	"	"	"	"	"	X
74-83-9	Bromomethane	BDL	U	µg/kg dry	354	324	100	"	"	"	"	"	X
78-93-3	2-Butanone (MEK)	BDL	U	µg/kg dry	1770	671	100	"	"	"	"	"	X
104-51-8	n-Butylbenzene	2,400		µg/kg dry	177	145	100	"	"	"	"	"	X
135-98-8	sec-Butylbenzene	1,420		µg/kg dry	177	122	100	"	"	"	"	"	X
98-06-6	tert-Butylbenzene	241		µg/kg dry	177	168	100	"	"	"	"	"	X
75-15-0	Carbon disulfide	BDL	U	µg/kg dry	354	354	100	"	"	"	"	"	X
56-23-5	Carbon tetrachloride	BDL	U	µg/kg dry	177	147	100	"	"	"	"	"	X
108-90-7	Chlorobenzene	BDL	U	µg/kg dry	177	168	100	"	"	"	"	"	X
75-00-3	Chloroethane	BDL	U	µg/kg dry	354	292	100	"	"	"	"	"	X
67-66-3	Chloroform	BDL	U	µg/kg dry	177	163	100	"	"	"	"	"	X
74-87-3	Chloromethane	BDL	U	µg/kg dry	354	214	100	"	"	"	"	"	X
95-49-8	2-Chlorotoluene	BDL	U	µg/kg dry	177	122	100	"	"	"	"	"	X
106-43-4	4-Chlorotoluene	BDL	U	µg/kg dry	177	147	100	"	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	BDL	U	µg/kg dry	354	283	100	"	"	"	"	"	X
124-48-1	Dibromochloromethane	BDL	U	µg/kg dry	177	129	100	"	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	BDL	U	µg/kg dry	177	111	100	"	"	"	"	"	X
74-95-3	Dibromomethane	BDL	U	µg/kg dry	177	115	100	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BDL	U	µg/kg dry	177	156	100	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BDL	U	µg/kg dry	177	81.4	100	"	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BDL	U	µg/kg dry	177	143	100	"	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	BDL	U	µg/kg dry	354	338	100	"	"	"	"	"	X
75-34-3	1,1-Dichloroethane	BDL	U	µg/kg dry	177	131	100	"	"	"	"	"	X
107-06-2	1,2-Dichloroethane	BDL	U	µg/kg dry	177	170	100	"	"	"	"	"	X
75-35-4	1,1-Dichloroethene	BDL	U	µg/kg dry	177	168	100	"	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	BDL	U	µg/kg dry	177	150	100	"	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	BDL	U	µg/kg dry	177	166	100	"	"	"	"	"	X
78-87-5	1,2-Dichloropropane	BDL	U	µg/kg dry	177	124	100	"	"	"	"	"	X
142-28-9	1,3-Dichloropropane	BDL	U	µg/kg dry	177	122	100	"	"	"	"	"	X
594-20-7	2,2-Dichloropropane	BDL	U	µg/kg dry	177	175	100	"	"	"	"	"	X
563-58-6	1,1-Dichloropropene	BDL	U	µg/kg dry	177	173	100	"	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	BDL	U	µg/kg dry	177	90.2	100	"	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	BDL	U	µg/kg dry	177	97.3	100	"	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Bottom SB10892-05	MEC2001.P2	Soil	15-Apr-10 13:00	19-Apr-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds													
Volatile Organic Compounds			R05										
Prepared by method SW846 5030 Soil (high level)							Initial weight: 14.97 g						
100-41-4	Ethylbenzene	BDL	U	µg/kg dry	177	163	100	SW846 8260B	22-Apr-10	22-Apr-10	adu	1008482	X
87-68-3	Hexachlorobutadiene	BDL	U	µg/kg dry	177	134	100	"	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	BDL	U	µg/kg dry	1770	605	100	"	"	"	"	"	X
98-82-8	Isopropylbenzene	527		µg/kg dry	177	113	100	"	"	"	"	"	X
99-87-6	4-Isopropyltoluene	BDL	U	µg/kg dry	177	145	100	"	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	BDL	U	µg/kg dry	177	142	100	"	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	BDL	U	µg/kg dry	1770	405	100	"	"	"	"	"	X
75-09-2	Methylene chloride	BDL	U	µg/kg dry	354	354	100	"	"	"	"	"	X
91-20-3	Naphthalene	BDL	U	µg/kg dry	177	145	100	"	"	"	"	"	X
103-65-1	n-Propylbenzene	848		µg/kg dry	177	129	100	"	"	"	"	"	X
100-42-5	Styrene	BDL	U	µg/kg dry	177	88.5	100	"	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	BDL	U	µg/kg dry	177	161	100	"	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	BDL	U	µg/kg dry	177	127	100	"	"	"	"	"	X
127-18-4	Tetrachloroethene	BDL	U	µg/kg dry	177	154	100	"	"	"	"	"	X
108-88-3	Toluene	BDL	U	µg/kg dry	177	159	100	"	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	BDL	U	µg/kg dry	177	138	100	"	"	"	"	"	
120-82-1	1,2,4-Trichlorobenzene	BDL	U	µg/kg dry	177	163	100	"	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	BDL	U	µg/kg dry	177	134	100	"	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	BDL	U	µg/kg dry	177	165	100	"	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	BDL	U	µg/kg dry	177	111	100	"	"	"	"	"	X
79-01-6	Trichloroethene	BDL	U	µg/kg dry	177	173	100	"	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	BDL	U	µg/kg dry	177	142	100	"	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	BDL	U	µg/kg dry	177	150	100	"	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	165	J	µg/kg dry	177	138	100	"	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	BDL	U	µg/kg dry	177	168	100	"	"	"	"	"	X
75-01-4	Vinyl chloride	BDL	U	µg/kg dry	177	142	100	"	"	"	"	"	X
179601-23-1	m,p-Xylene	BDL	U	µg/kg dry	354	283	100	"	"	"	"	"	X
95-47-6	o-Xylene	BDL	U	µg/kg dry	177	111	100	"	"	"	"	"	X
109-99-9	Tetrahydrofuran	BDL	U	µg/kg dry	354	354	100	"	"	"	"	"	
60-29-7	Ethyl ether	BDL	U	µg/kg dry	177	133	100	"	"	"	"	"	
994-05-8	Tert-amyl methyl ether	BDL	U	µg/kg dry	177	161	100	"	"	"	"	"	
637-92-3	Ethyl tert-butyl ether	BDL	U	µg/kg dry	177	175	100	"	"	"	"	"	
108-20-3	Di-isopropyl ether	BDL	U	µg/kg dry	177	108	100	"	"	"	"	"	
75-65-0	Tert-Butanol / butyl alcohol	BDL	U	µg/kg dry	1770	1610	100	"	"	"	"	"	X
123-91-1	1,4-Dioxane	BDL	U	µg/kg dry	3540	2930	100	"	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	BDL	U	µg/kg dry	885	173	100	"	"	"	"	"	
64-17-5	Ethanol	BDL	U	µg/kg dry	70800	11000	100	"	"	"	"	"	
Surrogate recoveries:													
460-00-4	*4-Bromofluorobenzene*	111			*70-130 %*			"	"	"	"	"	
2037-26-5	*Toluene-d8*	98			*70-130 %*			"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	106			*70-130 %*			"	"	"	"	"	

This laboratory report is not valid without an authorized signature on the cover page.

* Reportable Detection Limit BDL = Below Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Bottom SB10892-05	MEC2001.P2	Soil	15-Apr-10 13:00	19-Apr-10

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds													
Volatile Organic Compounds			R05										
Prepared by method SW846 5030 Soil (high level)							Initial weight: 14.97 g						
1868-53-7	*Dibromofluoromethane*	91			*70-130 %*			SW846 8260B	22-Apr-10	22-Apr-10	adu	1008482	
Semivolatile Organic Compounds by GCMS													
Semivolatile Organic Compounds by SW846 8270													
Prepared by method SW846 3545A													
83-32-9	Acenaphthene	307	J	µg/kg dry	426	20.7	1	SW846 8270C	22-Apr-10	23-Apr-10	MSL	1008454	X
208-96-8	Acenaphthylene	BDL	U	µg/kg dry	426	25.8	1	"	"	"	"	"	X
62-53-3	Aniline	BDL	U	µg/kg dry	852	65.6	1	"	"	"	"	"	X
120-12-7	Anthracene	152	J	µg/kg dry	426	25.8	1	"	"	"	"	"	X
1912-24-9	Atrazine	BDL	U	µg/kg dry	852	22.5	1	"	"	"	"	"	
103-33-3	Azobenzene/Diphenyldiazine	BDL	U	µg/kg dry	852	22.5	1	"	"	"	"	"	
92-87-5	Benzidine	BDL	U	µg/kg dry	852	96.6	1	"	"	"	"	"	X
56-55-3	Benzo (a) anthracene	BDL	U	µg/kg dry	426	55.0	1	"	"	"	"	"	X
50-32-8	Benzo (a) pyrene	BDL	U	µg/kg dry	426	29.2	1	"	"	"	"	"	X
205-99-2	Benzo (b) fluoranthene	BDL	U	µg/kg dry	426	114	1	"	"	"	"	"	X
191-24-2	Benzo (g,h,i) perylene	BDL	U	µg/kg dry	426	24.0	1	"	"	"	"	"	X
207-08-9	Benzo (k) fluoranthene	BDL	U	µg/kg dry	426	34.3	1	"	"	"	"	"	X
65-85-0	Benzoic acid	BDL	U	µg/kg dry	852	15.5	1	"	"	"	"	"	X
100-51-6	Benzyl alcohol	BDL	U	µg/kg dry	852	27.6	1	"	"	"	"	"	X
111-91-1	Bis(2-chloroethoxy)methane	BDL	U	µg/kg dry	852	17.2	1	"	"	"	"	"	X
111-44-4	Bis(2-chloroethyl)ether	BDL	U	µg/kg dry	852	12.1	1	"	"	"	"	"	X
108-60-1	Bis(2-chloroisopropyl)ether	BDL	U	µg/kg dry	852	15.5	1	"	"	"	"	"	X
117-81-7	Bis(2-ethylhexyl)phthalate	BDL	U	µg/kg dry	852	164	1	"	"	"	"	"	X
101-55-3	4-Bromophenyl phenyl ether	BDL	U	µg/kg dry	852	39.5	1	"	"	"	"	"	X
85-68-7	Butyl benzyl phthalate	BDL	U	µg/kg dry	852	98.1	1	"	"	"	"	"	X
86-74-8	Carbazole	BDL	U	µg/kg dry	852	31.0	1	"	"	"	"	"	X
59-50-7	4-Chloro-3-methylphenol	BDL	U	µg/kg dry	852	31.0	1	"	"	"	"	"	X
106-47-8	4-Chloroaniline	BDL	U	µg/kg dry	852	82.6	1	"	"	"	"	"	X
91-58-7	2-Chloronaphthalene	BDL	U	µg/kg dry	852	12.1	1	"	"	"	"	"	X
95-57-8	2-Chlorophenol	BDL	U	µg/kg dry	852	17.2	1	"	"	"	"	"	X
7005-72-3	4-Chlorophenyl phenyl ether	BDL	U	µg/kg dry	852	10.3	1	"	"	"	"	"	X
218-01-9	Chrysene	BDL	U	µg/kg dry	426	12.1	1	"	"	"	"	"	X
53-70-3	Dibenzo (a,h) anthracene	BDL	U	µg/kg dry	426	13.7	1	"	"	"	"	"	X
132-64-9	Dibenzofuran	495	J	µg/kg dry	852	10.3	1	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	BDL	U	µg/kg dry	852	0.413	1	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	BDL	U	µg/kg dry	852	36.2	1	"	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	BDL	U	µg/kg dry	852	38.0	1	"	"	"	"	"	X
91-94-1	3,3'-Dichlorobenzidine	BDL	U	µg/kg dry	852	62.0	1	"	"	"	"	"	X
120-83-2	2,4-Dichlorophenol	BDL	U	µg/kg dry	852	22.5	1	"	"	"	"	"	X
84-66-2	Diethyl phthalate	BDL	U	µg/kg dry	852	27.6	1	"	"	"	"	"	X
131-11-3	Dimethyl phthalate	BDL	U	µg/kg dry	852	24.0	1	"	"	"	"	"	X
105-67-9	2,4-Dimethylphenol	BDL	U	µg/kg dry	852	39.5	1	"	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Bottom	MEC2001.P2	Soil	15-Apr-10 13:00	19-Apr-10
SB10892-05				

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GCMS													
Semivolatile Organic Compounds by SW846 8270 Prepared by method SW846 3545A													
84-74-2	Di-n-butyl phthalate	BDL	U	µg/kg dry	852	22.5	1	SW846 8270C	22-Apr-10	23-Apr-10	MSL	1008454	X
534-52-1	4,6-Dinitro-2-methylphenol	BDL	U	µg/kg dry	852	20.7	1	"	"	"	"	"	X
51-28-5	2,4-Dinitrophenol	BDL	U	µg/kg dry	852	53.5	1	"	"	"	"	"	X
121-14-2	2,4-Dinitrotoluene	BDL	U	µg/kg dry	852	36.2	1	"	"	"	"	"	X
606-20-2	2,6-Dinitrotoluene	BDL	U	µg/kg dry	852	20.7	1	"	"	"	"	"	X
117-84-0	Di-n-octyl phthalate	BDL	U	µg/kg dry	852	41.3	1	"	"	"	"	"	X
206-44-0	Fluoranthene	57.7	J	µg/kg dry	426	20.7	1	"	"	"	"	"	X
86-73-7	Fluorene	911		µg/kg dry	426	20.7	1	"	"	"	"	"	X
118-74-1	Hexachlorobenzene	BDL	U	µg/kg dry	852	63.8	1	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	BDL	U	µg/kg dry	852	96.6	1	"	"	"	"	"	X
77-47-4	Hexachlorocyclopentadiene	BDL	U	µg/kg dry	852	63.8	1	"	"	"	"	"	X
67-72-1	Hexachloroethane	BDL	U	µg/kg dry	852	87.8	1	"	"	"	"	"	X
193-39-5	Indeno (1,2,3-cd) pyrene	BDL	U	µg/kg dry	426	39.5	1	"	"	"	"	"	X
90-12-0	1-Methylnaphthalene	3,770		µg/kg dry	426	0.284	1	"	"	"	"	"	
78-59-1	Isophorone	BDL	U	µg/kg dry	852	51.7	1	"	"	"	"	"	X
91-57-6	2-Methylnaphthalene	BDL	U	µg/kg dry	426	18.9	1	"	"	"	"	"	X
95-48-7	2-Methylphenol	BDL	U	µg/kg dry	852	36.2	1	"	"	"	"	"	X
108-39-4, 106-44-5	3 & 4-Methylphenol	BDL	U	µg/kg dry	852	20.7	1	"	"	"	"	"	X
91-20-3	Naphthalene	BDL	U	µg/kg dry	426	32.8	1	"	"	"	"	"	X
88-74-4	2-Nitroaniline	BDL	U	µg/kg dry	852	10.3	1	"	"	"	"	"	X
99-09-2	3-Nitroaniline	BDL	U	µg/kg dry	852	29.2	1	"	"	"	"	"	X
100-01-6	4-Nitroaniline	BDL	U	µg/kg dry	3410	32.8	1	"	"	"	"	"	X
98-95-3	Nitrobenzene	BDL	U	µg/kg dry	852	31.0	1	"	"	"	"	"	X
88-75-5	2-Nitrophenol	BDL	U	µg/kg dry	852	39.5	1	"	"	"	"	"	X
100-02-7	4-Nitrophenol	BDL	U	µg/kg dry	3410	44.7	1	"	"	"	"	"	X
62-75-9	N-Nitrosodimethylamine	BDL	U	µg/kg dry	852	19.0	1	"	"	"	"	"	X
621-64-7	N-Nitrosodi-n-propylamine	BDL	U	µg/kg dry	852	103	1	"	"	"	"	"	X
86-30-6	N-Nitrosodiphenylamine	BDL	U	µg/kg dry	852	32.8	1	"	"	"	"	"	X
87-86-5	Pentachlorophenol	BDL	U	µg/kg dry	852	55.0	1	"	"	"	"	"	X
85-01-8	Phenanthrene	1,500		µg/kg dry	426	39.5	1	"	"	"	"	"	X
108-95-2	Phenol	BDL	U	µg/kg dry	852	17.2	1	"	"	"	"	"	X
129-00-0	Pyrene	117	J	µg/kg dry	426	60.4	1	"	"	"	"	"	X
110-86-1	Pyridine	BDL	U	µg/kg dry	852	17.2	1	"	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	BDL	U	µg/kg dry	852	12.1	1	"	"	"	"	"	X
95-95-4	2,4,5-Trichlorophenol	BDL	U	µg/kg dry	852	17.2	1	"	"	"	"	"	X
88-06-2	2,4,6-Trichlorophenol	BDL	U	µg/kg dry	852	17.2	1	"	"	"	"	"	X
82-68-8	Pentachloronitrobenzene	BDL	U	µg/kg dry	852	426	1	"	"	"	"	"	X
95-94-3	1,2,4,5-Tetrachlorobenzene	BDL	U	µg/kg dry	852	426	1	"	"	"	"	"	X
Surrogate recoveries:													
321-60-8	*2-Fluorobiphenyl*	70			*30-130 %*			"	"	"	"	"	
367-12-4	*2-Fluorophenol*	75			*15-110 %*			"	"	"	"	"	

This laboratory report is not valid without an authorized signature on the cover page.

* Reportable Detection Limit BDL = Below Detection Limit BRL = Below Reporting Limit

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Bottom SB10892-05	MEC2001.P2	Soil	15-Apr-10 13:00	19-Apr-10

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Semivolatile Organic Compounds by GCMS													
Semivolatile Organic Compounds by SW846 8270 Prepared by method SW846 3545A													
4165-60-0	*Nitrobenzene-d5*	78			*30-130 %*			SW846 8270C	22-Apr-10	23-Apr-10	MSL	1008454	
4165-62-2	*Phenol-d5*	82			*15-110 %*			"	"	"	"	"	
1718-51-0	*Terphenyl-dl4*	72			*30-130 %*			"	"	"	"	"	
118-79-6	*2,4,6-Tribromophenol*	72			*15-110 %*			"	"	"	"	"	
Total Metals by EPA 6000/7000 Series Methods													
7440-22-4	Silver	BDL	U	mg/kg dry	1.92	0.270	1	SW846 6010B	01-May-10	04-May-10	KNJ	1008823	X
7440-38-2	Arsenic	10.1		mg/kg dry	1.92	0.384	1	"	"	"	"	"	X
7440-39-3	Barium	114		mg/kg dry	1.28	0.243	1	"	"	05-May-10	"	"	X
7440-43-9	Cadmium	1.36		mg/kg dry	0.639	0.134	1	"	"	04-May-10	"	"	X
7440-47-3	Chromium	23.1		mg/kg dry	1.28	0.295	1	"	"	"	"	"	X
7439-97-6	Mercury	0.0843		mg/kg dry	0.0371	0.0058	1	SW846 7471A	"	03-May-10	KNJ	1008824	X
7439-92-1	Lead	40.5		mg/kg dry	1.92	0.826	1	SW846 6010B	"	04-May-10	KNJ	1008823	X
7782-49-2	Selenium	1.36	J	mg/kg dry	1.92	0.331	1	"	"	05-May-10	"	"	X
General Chemistry Parameters													
	% Solids	72.3		%			1	SM2540 G Mod.	23-Apr-10	23-Apr-10	VK	1008552	

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1008482 - SW846 5030 Soil (high level)										
Blank (1008482-BLK1)					Prepared & Analyzed: 22-Apr-10					
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL	U	µg/kg wet	30.0						
Acetone	BRL	U	µg/kg wet	466						
Acrylonitrile	BRL	U	µg/kg wet	48.5						
Benzene	BRL	U	µg/kg wet	29.0						
Bromobenzene	BRL	U	µg/kg wet	29.5						
Bromochloromethane	BRL	U	µg/kg wet	33.5						
Bromodichloromethane	BRL	U	µg/kg wet	28.5						
Bromoform	BRL	U	µg/kg wet	49.0						
Bromomethane	BRL	U	µg/kg wet	91.5						
2-Butanone (MEK)	BRL	U	µg/kg wet	190						
n-Butylbenzene	BRL	U	µg/kg wet	41.0						
sec-Butylbenzene	BRL	U	µg/kg wet	34.5						
tert-Butylbenzene	BRL	U	µg/kg wet	47.5						
Carbon disulfide	BRL	U	µg/kg wet	100						
Carbon tetrachloride	BRL	U	µg/kg wet	41.5						
Chlorobenzene	BRL	U	µg/kg wet	47.5						
Chloroethane	BRL	U	µg/kg wet	82.5						
Chloroform	BRL	U	µg/kg wet	46.0						
Chloromethane	BRL	U	µg/kg wet	60.5						
2-Chlorotoluene	BRL	U	µg/kg wet	34.5						
4-Chlorotoluene	BRL	U	µg/kg wet	41.5						
1,2-Dibromo-3-chloropropane	BRL	U	µg/kg wet	80.0						
Dibromochloromethane	BRL	U	µg/kg wet	36.5						
1,2-Dibromoethane (EDB)	BRL	U	µg/kg wet	31.5						
Dibromomethane	BRL	U	µg/kg wet	32.5						
1,2-Dichlorobenzene	BRL	U	µg/kg wet	44.0						
1,3-Dichlorobenzene	BRL	U	µg/kg wet	23.0						
1,4-Dichlorobenzene	BRL	U	µg/kg wet	40.5						
Dichlorodifluoromethane (Freon12)	BRL	U	µg/kg wet	95.5						
1,1-Dichloroethane	BRL	U	µg/kg wet	37.0						
1,2-Dichloroethane	BRL	U	µg/kg wet	48.0						
1,1-Dichloroethene	BRL	U	µg/kg wet	47.5						
cis-1,2-Dichloroethene	BRL	U	µg/kg wet	42.5						
trans-1,2-Dichloroethene	BRL	U	µg/kg wet	47.0						
1,2-Dichloropropane	BRL	U	µg/kg wet	35.0						
1,3-Dichloropropane	BRL	U	µg/kg wet	34.5						
2,2-Dichloropropane	BRL	U	µg/kg wet	49.5						
1,1-Dichloropropene	BRL	U	µg/kg wet	49.0						
cis-1,3-Dichloropropene	BRL	U	µg/kg wet	25.5						
trans-1,3-Dichloropropene	BRL	U	µg/kg wet	27.5						
Ethylbenzene	BRL	U	µg/kg wet	46.0						
Hexachlorobutadiene	BRL	U	µg/kg wet	38.0						
2-Hexanone (MBK)	BRL	U	µg/kg wet	171						
Isopropylbenzene	BRL	U	µg/kg wet	32.0						
4-Isopropyltoluene	BRL	U	µg/kg wet	41.0						
Methyl tert-butyl ether	BRL	U	µg/kg wet	40.0						
4-Methyl-2-pentanone (MIBK)	BRL	U	µg/kg wet	114						
Methylene chloride	BRL	U	µg/kg wet	100						
Naphthalene	BRL	U	µg/kg wet	41.0						
n-Propylbenzene	BRL	U	µg/kg wet	36.5						
Styrene	BRL	U	µg/kg wet	25.0						
1,1,1,2-Tetrachloroethane	BRL	U	µg/kg wet	45.5						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1008482 - SW846 5030 Soil (high level)										
Blank (1008482-BLK1)					Prepared & Analyzed: 22-Apr-10					
1,1,2,2-Tetrachloroethane	BRL	U	µg/kg wet	36.0						
Tetrachloroethene	BRL	U	µg/kg wet	43.5						
Toluene	BRL	U	µg/kg wet	45.0						
1,2,3-Trichlorobenzene	BRL	U	µg/kg wet	39.0						
1,2,4-Trichlorobenzene	BRL	U	µg/kg wet	46.0						
1,3,5-Trichlorobenzene	BRL	U	µg/kg wet	38.0						
1,1,1-Trichloroethane	BRL	U	µg/kg wet	46.5						
1,1,2-Trichloroethane	BRL	U	µg/kg wet	31.5						
Trichloroethene	BRL	U	µg/kg wet	49.0						
Trichlorofluoromethane (Freon 11)	BRL	U	µg/kg wet	40.0						
1,2,3-Trichloropropane	BRL	U	µg/kg wet	42.5						
1,2,4-Trimethylbenzene	BRL	U	µg/kg wet	39.0						
1,3,5-Trimethylbenzene	BRL	U	µg/kg wet	47.5						
Vinyl chloride	BRL	U	µg/kg wet	40.0						
m,p-Xylene	BRL	U	µg/kg wet	80.0						
o-Xylene	BRL	U	µg/kg wet	31.5						
Tetrahydrofuran	BRL	U	µg/kg wet	100						
Ethyl ether	BRL	U	µg/kg wet	37.5						
Tert-amyl methyl ether	BRL	U	µg/kg wet	45.5						
Ethyl tert-butyl ether	BRL	U	µg/kg wet	49.5						
Di-isopropyl ether	BRL	U	µg/kg wet	30.5						
Tert-Butanol / butyl alcohol	BRL	U	µg/kg wet	454						
1,4-Dioxane	BRL	U	µg/kg wet	829						
trans-1,4-Dichloro-2-butene	BRL	U	µg/kg wet	49.0						
Ethanol	BRL	U	µg/kg wet	3120						
Surrogate: 4-Bromofluorobenzene	*24.5*		µg/kg wet		*30.0*		*82*	*70-130*		
Surrogate: Toluene-d8	*25.7*		µg/kg wet		*30.0*		*86*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*31.8*		µg/kg wet		*30.0*		*106*	*70-130*		
Surrogate: Dibromofluoromethane	*28.5*		µg/kg wet		*30.0*		*95*	*70-130*		
LCS (1008482-BS1)					Prepared & Analyzed: 22-Apr-10					
1,1,2-Trichlorotrifluoroethane (Freon 113)	25.6		µg/kg wet		20.0		128	70-130		
Acetone	17.4		µg/kg wet		20.0		87	40-144		
Acrylonitrile	15.4		µg/kg wet		20.0		77	70-130		
Benzene	17.6		µg/kg wet		20.0		88	70-130		
Bromobenzene	21.5		µg/kg wet		20.0		107	70-130		
Bromochloromethane	17.6		µg/kg wet		20.0		88	70-130		
Bromodichloromethane	18.7		µg/kg wet		20.0		93	70-130		
Bromoform	20.3		µg/kg wet		20.0		101	70-130		
Bromomethane	19.2		µg/kg wet		20.0		96	54.4-131		
2-Butanone (MEK)	14.2		µg/kg wet		20.0		71	62.1-141		
n-Butylbenzene	21.8		µg/kg wet		20.0		109	70-130		
sec-Butylbenzene	21.7		µg/kg wet		20.0		109	70-130		
tert-Butylbenzene	20.5		µg/kg wet		20.0		103	70-130		
Carbon disulfide	17.8		µg/kg wet		20.0		89	70-130		
Carbon tetrachloride	22.9		µg/kg wet		20.0		114	70-130		
Chlorobenzene	20.0		µg/kg wet		20.0		100	70-130		
Chloroethane	21.4		µg/kg wet		20.0		107	56.7-131		
Chloroform	18.7		µg/kg wet		20.0		93	70-130		
Chloromethane	20.2		µg/kg wet		20.0		101	70-130		
2-Chlorotoluene	24.2		µg/kg wet		20.0		121	70-130		
4-Chlorotoluene	20.9		µg/kg wet		20.0		104	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1008482 - SW846 5030 Soil (high level)										
LCS (1008482-BS1)					Prepared & Analyzed: 22-Apr-10					
1,2-Dibromo-3-chloropropane	16.7		µg/kg wet		20.0		84	70-130		
Dibromochloromethane	17.3		µg/kg wet		20.0		86	49-138		
1,2-Dibromoethane (EDB)	17.0		µg/kg wet		20.0		85	70-130		
Dibromomethane	17.7		µg/kg wet		20.0		88	70-130		
1,2-Dichlorobenzene	21.0		µg/kg wet		20.0		105	70-130		
1,3-Dichlorobenzene	24.0		µg/kg wet		20.0		120	70-130		
1,4-Dichlorobenzene	20.4		µg/kg wet		20.0		102	70-130		
Dichlorodifluoromethane (Freon12)	29.5	QM9	µg/kg wet		20.0		148	50.8-145		
1,1-Dichloroethane	18.9		µg/kg wet		20.0		95	70-130		
1,2-Dichloroethane	18.1		µg/kg wet		20.0		90	70-130		
1,1-Dichloroethene	20.0		µg/kg wet		20.0		100	70-130		
cis-1,2-Dichloroethene	17.5		µg/kg wet		20.0		88	70-130		
trans-1,2-Dichloroethene	18.6		µg/kg wet		20.0		93	70-130		
1,2-Dichloropropane	17.5		µg/kg wet		20.0		87	70-130		
1,3-Dichloropropane	17.6		µg/kg wet		20.0		88	70-130		
2,2-Dichloropropane	20.8		µg/kg wet		20.0		104	70-130		
1,1-Dichloropropene	20.4		µg/kg wet		20.0		102	70-130		
cis-1,3-Dichloropropene	17.8		µg/kg wet		20.0		89	70-130		
trans-1,3-Dichloropropene	16.8		µg/kg wet		20.0		84	70-130		
Ethylbenzene	19.1		µg/kg wet		20.0		96	70-130		
Hexachlorobutadiene	24.7		µg/kg wet		20.0		124	70-135		
2-Hexanone (MBK)	13.2	QM9	µg/kg wet		20.0		66	70-130		
Isopropylbenzene	24.2		µg/kg wet		20.0		121	70-130		
4-Isopropyltoluene	19.4		µg/kg wet		20.0		97	70-130		
Methyl tert-butyl ether	16.5		µg/kg wet		20.0		83	70-130		
4-Methyl-2-pentanone (MIBK)	14.0		µg/kg wet		20.0		70	64.2-130		
Methylene chloride	16.3		µg/kg wet		20.0		82	70-130		
Naphthalene	18.0		µg/kg wet		20.0		90	70-130		
n-Propylbenzene	19.5		µg/kg wet		20.0		98	70-130		
Styrene	17.8		µg/kg wet		20.0		89	70-130		
1,1,1,2-Tetrachloroethane	21.0		µg/kg wet		20.0		105	70-130		
1,1,2,2-Tetrachloroethane	20.6		µg/kg wet		20.0		103	70-130		
Tetrachloroethene	19.4		µg/kg wet		20.0		97	70-130		
Toluene	18.4		µg/kg wet		20.0		92	70-130		
1,2,3-Trichlorobenzene	22.3		µg/kg wet		20.0		111	70-130		
1,2,4-Trichlorobenzene	19.2		µg/kg wet		20.0		96	70-130		
1,3,5-Trichlorobenzene	21.5		µg/kg wet		20.0		108	70-130		
1,1,1-Trichloroethane	20.9		µg/kg wet		20.0		104	70-130		
1,1,2-Trichloroethane	17.0		µg/kg wet		20.0		85	70-130		
Trichloroethene	18.6		µg/kg wet		20.0		93	70-130		
Trichlorofluoromethane (Freon 11)	24.1		µg/kg wet		20.0		120	55.3-174		
1,2,3-Trichloropropane	20.1		µg/kg wet		20.0		101	70-130		
1,2,4-Trimethylbenzene	19.7		µg/kg wet		20.0		98	70-130		
1,3,5-Trimethylbenzene	19.5		µg/kg wet		20.0		98	70-130		
Vinyl chloride	21.5		µg/kg wet		20.0		107	70-130		
m,p-Xylene	40.8		µg/kg wet		40.0		102	70-130		
o-Xylene	20.9		µg/kg wet		20.0		104	70-130		
Tetrahydrofuran	14.8		µg/kg wet		20.0		74	70-130		
Ethyl ether	16.7		µg/kg wet		20.0		83	70-130		
Tert-amyl methyl ether	15.7		µg/kg wet		20.0		79	70-130		
Ethyl tert-butyl ether	16.9		µg/kg wet		20.0		85	70-130		
Di-isopropyl ether	17.0		µg/kg wet		20.0		85	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1008482 - SW846 5030 Soil (high level)										
LCS (1008482-BS1)					Prepared & Analyzed: 22-Apr-10					
Tert-Butanol / butyl alcohol	141		µg/kg wet		200		71	70-130		
1,4-Dioxane	147		µg/kg wet		200		73	44.2-151		
trans-1,4-Dichloro-2-butene	20.8		µg/kg wet		20.0		104	70-130		
Ethanol	338		µg/kg wet		400		85	70-130		
Surrogate: 4-Bromofluorobenzene	*31.2*		µg/kg wet		*30.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*28.3*		µg/kg wet		*30.0*		*94*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*30.0*		µg/kg wet		*30.0*		*100*	*70-130*		
Surrogate: Dibromofluoromethane	*28.6*		µg/kg wet		*30.0*		*95*	*70-130*		
LCS Dup (1008482-BSD1)					Prepared & Analyzed: 22-Apr-10					
1,1,2-Trichlorotrifluoroethane (Freon 113)	24.3		µg/kg wet		20.0		122	70-130	5	25
Acetone	16.8		µg/kg wet		20.0		84	40-144	3	50
Acrylonitrile	15.8		µg/kg wet		20.0		79	70-130	2	25
Benzene	17.7		µg/kg wet		20.0		89	70-130	0.4	25
Bromobenzene	21.2		µg/kg wet		20.0		106	70-130	1	25
Bromochloromethane	17.4		µg/kg wet		20.0		87	70-130	1	25
Bromodichloromethane	18.5		µg/kg wet		20.0		92	70-130	1	25
Bromoform	21.0		µg/kg wet		20.0		105	70-130	3	25
Bromomethane	19.0		µg/kg wet		20.0		95	54.4-131	0.6	50
2-Butanone (MEK)	14.9		µg/kg wet		20.0		75	62.1-141	5	50
n-Butylbenzene	21.8		µg/kg wet		20.0		109	70-130	0	25
sec-Butylbenzene	21.3		µg/kg wet		20.0		106	70-130	2	25
tert-Butylbenzene	20.3		µg/kg wet		20.0		101	70-130	1	25
Carbon disulfide	17.0		µg/kg wet		20.0		85	70-130	4	25
Carbon tetrachloride	22.4		µg/kg wet		20.0		112	70-130	2	25
Chlorobenzene	19.6		µg/kg wet		20.0		98	70-130	2	25
Chloroethane	20.8		µg/kg wet		20.0		104	56.7-131	3	50
Chloroform	18.2		µg/kg wet		20.0		91	70-130	2	25
Chloromethane	19.8		µg/kg wet		20.0		99	70-130	2	25
2-Chlorotoluene	24.0		µg/kg wet		20.0		120	70-130	0.8	25
4-Chlorotoluene	20.5		µg/kg wet		20.0		103	70-130	2	25
1,2-Dibromo-3-chloropropane	17.3		µg/kg wet		20.0		87	70-130	4	25
Dibromochloromethane	17.2		µg/kg wet		20.0		86	49-138	0.1	50
1,2-Dibromoethane (EDB)	17.6		µg/kg wet		20.0		88	70-130	3	25
Dibromomethane	17.8		µg/kg wet		20.0		89	70-130	0.6	25
1,2-Dichlorobenzene	21.0		µg/kg wet		20.0		105	70-130	0.3	25
1,3-Dichlorobenzene	23.7		µg/kg wet		20.0		119	70-130	1	25
1,4-Dichlorobenzene	20.5		µg/kg wet		20.0		103	70-130	0.5	25
Dichlorodifluoromethane (Freon12)	28.1		µg/kg wet		20.0		141	50.8-145	5	50
1,1-Dichloroethane	18.5		µg/kg wet		20.0		92	70-130	2	25
1,2-Dichloroethane	17.8		µg/kg wet		20.0		89	70-130	1	25
1,1-Dichloroethene	19.7		µg/kg wet		20.0		98	70-130	2	25
cis-1,2-Dichloroethene	17.2		µg/kg wet		20.0		86	70-130	2	25
trans-1,2-Dichloroethene	18.3		µg/kg wet		20.0		91	70-130	2	25
1,2-Dichloropropane	17.0		µg/kg wet		20.0		85	70-130	3	25
1,3-Dichloropropane	17.6		µg/kg wet		20.0		88	70-130	0.4	25
2,2-Dichloropropane	20.3		µg/kg wet		20.0		101	70-130	2	25
1,1-Dichloropropene	19.8		µg/kg wet		20.0		99	70-130	3	25
cis-1,3-Dichloropropene	17.9		µg/kg wet		20.0		90	70-130	0.7	25
trans-1,3-Dichloropropene	17.1		µg/kg wet		20.0		85	70-130	2	25
Ethylbenzene	19.0		µg/kg wet		20.0		95	70-130	0.5	25
Hexachlorobutadiene	24.7		µg/kg wet		20.0		124	70-135	0.04	50

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1008482 - SW846 5030 Soil (high level)										
LCS Dup (1008482-BSD1)					Prepared & Analyzed: 22-Apr-10					
2-Hexanone (MBK)	14.0		µg/kg wet		20.0		70	70-130	6	25
Isopropylbenzene	23.6		µg/kg wet		20.0		118	70-130	2	25
4-Isopropyltoluene	19.4		µg/kg wet		20.0		97	70-130	0.05	25
Methyl tert-butyl ether	16.7		µg/kg wet		20.0		84	70-130	1	25
4-Methyl-2-pentanone (MIBK)	16.1		µg/kg wet		20.0		80	64.2-130	14	50
Methylene chloride	16.1		µg/kg wet		20.0		81	70-130	1	25
Naphthalene	19.1		µg/kg wet		20.0		96	70-130	6	25
n-Propylbenzene	19.3		µg/kg wet		20.0		96	70-130	1	25
Styrene	17.6		µg/kg wet		20.0		88	70-130	1	25
1,1,1,2-Tetrachloroethane	20.4		µg/kg wet		20.0		102	70-130	3	25
1,1,2,2-Tetrachloroethane	20.8		µg/kg wet		20.0		104	70-130	1	25
Tetrachloroethene	19.5		µg/kg wet		20.0		97	70-130	0.4	25
Toluene	18.1		µg/kg wet		20.0		90	70-130	2	25
1,2,3-Trichlorobenzene	22.8		µg/kg wet		20.0		114	70-130	2	25
1,2,4-Trichlorobenzene	19.4		µg/kg wet		20.0		97	70-130	0.9	25
1,3,5-Trichlorobenzene	21.8		µg/kg wet		20.0		109	70-130	1	25
1,1,1-Trichloroethane	20.0		µg/kg wet		20.0		100	70-130	4	25
1,1,2-Trichloroethane	17.1		µg/kg wet		20.0		85	70-130	0.4	25
Trichloroethene	18.6		µg/kg wet		20.0		93	70-130	0.05	25
Trichlorofluoromethane (Freon 11)	23.2		µg/kg wet		20.0		116	55.3-174	4	50
1,2,3-Trichloropropane	20.5		µg/kg wet		20.0		102	70-130	2	25
1,2,4-Trimethylbenzene	19.9		µg/kg wet		20.0		99	70-130	1	25
1,3,5-Trimethylbenzene	19.2		µg/kg wet		20.0		96	70-130	1	25
Vinyl chloride	18.0		µg/kg wet		20.0		90	70-130	18	25
m,p-Xylene	40.3		µg/kg wet		40.0		101	70-130	1	25
o-Xylene	20.7		µg/kg wet		20.0		103	70-130	1	25
Tetrahydrofuran	14.8		µg/kg wet		20.0		74	70-130	0.3	25
Ethyl ether	16.7		µg/kg wet		20.0		84	70-130	0.5	50
Tert-amyl methyl ether	15.9		µg/kg wet		20.0		79	70-130	0.9	25
Ethyl tert-butyl ether	17.0		µg/kg wet		20.0		85	70-130	0.7	25
Di-isopropyl ether	17.0		µg/kg wet		20.0		85	70-130	0.3	25
Tert-Butanol / butyl alcohol	159		µg/kg wet		200		79	70-130	12	25
1,4-Dioxane	159		µg/kg wet		200		80	44.2-151	8	25
trans-1,4-Dichloro-2-butene	21.2		µg/kg wet		20.0		106	70-130	2	25
Ethanol	359		µg/kg wet		400		90	70-130	6	30
Surrogate: 4-Bromofluorobenzene	*31.7*		µg/kg wet		*30.0*		*106*	*70-130*		
Surrogate: Toluene-d8	*28.7*		µg/kg wet		*30.0*		*96*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*30.1*		µg/kg wet		*30.0*		*100*	*70-130*		
Surrogate: Dibromofluoromethane	*29.0*		µg/kg wet		*30.0*		*97*	*70-130*		
Batch 1008809 - SW846 5035A Soil (low level)										
Blank (1008809-BLK1)					Prepared & Analyzed: 27-Apr-10					
1,1,2-Trichlorotrifluoroethane (Freon 113)	BRL	U	µg/kg wet	3.0						
Acetone	BRL	U	µg/kg wet	46.6						
Acrylonitrile	BRL	U	µg/kg wet	4.8						
Benzene	BRL	U	µg/kg wet	2.9						
Bromobenzene	BRL	U	µg/kg wet	3.0						
Bromochloromethane	BRL	U	µg/kg wet	3.4						
Bromodichloromethane	BRL	U	µg/kg wet	2.8						
Bromoform	BRL	U	µg/kg wet	4.9						
Bromomethane	BRL	U	µg/kg wet	9.2						
2-Butanone (MEK)	BRL	U	µg/kg wet	19.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1008809 - SW846 5035A Soil (low level)										
Blank (1008809-BLK1)						Prepared & Analyzed: 27-Apr-10				
n-Butylbenzene	BRL	U	µg/kg wet	4.1						
sec-Butylbenzene	BRL	U	µg/kg wet	3.4						
tert-Butylbenzene	BRL	U	µg/kg wet	4.8						
Carbon disulfide	BRL	U	µg/kg wet	10.0						
Carbon tetrachloride	BRL	U	µg/kg wet	4.2						
Chlorobenzene	BRL	U	µg/kg wet	4.8						
Chloroethane	BRL	U	µg/kg wet	8.2						
Chloroform	BRL	U	µg/kg wet	4.6						
Chloromethane	BRL	U	µg/kg wet	6.0						
2-Chlorotoluene	BRL	U	µg/kg wet	3.4						
4-Chlorotoluene	BRL	U	µg/kg wet	4.2						
1,2-Dibromo-3-chloropropane	BRL	U	µg/kg wet	8.0						
Dibromochloromethane	BRL	U	µg/kg wet	3.6						
1,2-Dibromoethane (EDB)	BRL	U	µg/kg wet	3.2						
Dibromomethane	BRL	U	µg/kg wet	3.2						
1,2-Dichlorobenzene	BRL	U	µg/kg wet	4.4						
1,3-Dichlorobenzene	BRL	U	µg/kg wet	2.3						
1,4-Dichlorobenzene	BRL	U	µg/kg wet	4.0						
Dichlorodifluoromethane (Freon12)	BRL	U	µg/kg wet	9.6						
1,1-Dichloroethane	BRL	U	µg/kg wet	3.7						
1,2-Dichloroethane	BRL	U	µg/kg wet	4.8						
1,1-Dichloroethene	BRL	U	µg/kg wet	4.8						
cis-1,2-Dichloroethene	BRL	U	µg/kg wet	4.2						
trans-1,2-Dichloroethene	BRL	U	µg/kg wet	4.7						
1,2-Dichloropropane	BRL	U	µg/kg wet	3.5						
1,3-Dichloropropane	BRL	U	µg/kg wet	3.4						
2,2-Dichloropropane	BRL	U	µg/kg wet	5.0						
1,1-Dichloropropene	BRL	U	µg/kg wet	4.9						
cis-1,3-Dichloropropene	BRL	U	µg/kg wet	2.6						
trans-1,3-Dichloropropene	BRL	U	µg/kg wet	2.8						
Ethylbenzene	BRL	U	µg/kg wet	4.6						
Hexachlorobutadiene	BRL	U	µg/kg wet	3.8						
2-Hexanone (MBK)	BRL	U	µg/kg wet	17.1						
Isopropylbenzene	BRL	U	µg/kg wet	3.2						
4-Isopropyltoluene	BRL	U	µg/kg wet	4.1						
Methyl tert-butyl ether	BRL	U	µg/kg wet	4.0						
4-Methyl-2-pentanone (MIBK)	BRL	U	µg/kg wet	11.4						
Methylene chloride	BRL	U	µg/kg wet	10.0						
Naphthalene	BRL	U	µg/kg wet	4.1						
n-Propylbenzene	BRL	U	µg/kg wet	3.6						
Styrene	BRL	U	µg/kg wet	2.5						
1,1,1,2-Tetrachloroethane	BRL	U	µg/kg wet	4.6						
1,1,2,2-Tetrachloroethane	BRL	U	µg/kg wet	3.6						
Tetrachloroethene	BRL	U	µg/kg wet	4.4						
Toluene	BRL	U	µg/kg wet	4.5						
1,2,3-Trichlorobenzene	BRL	U	µg/kg wet	3.9						
1,2,4-Trichlorobenzene	BRL	U	µg/kg wet	4.6						
1,3,5-Trichlorobenzene	BRL	U	µg/kg wet	3.8						
1,1,1-Trichloroethane	BRL	U	µg/kg wet	4.6						
1,1,2-Trichloroethane	BRL	U	µg/kg wet	3.2						
Trichloroethene	BRL	U	µg/kg wet	4.9						
Trichlorofluoromethane (Freon 11)	BRL	U	µg/kg wet	4.0						

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1008809 - SW846 5035A Soil (low level)										
Blank (1008809-BLK1)					Prepared & Analyzed: 27-Apr-10					
1,2,3-Trichloropropane	BRL	U	µg/kg wet	4.2						
1,2,4-Trimethylbenzene	BRL	U	µg/kg wet	3.9						
1,3,5-Trimethylbenzene	BRL	U	µg/kg wet	4.8						
Vinyl chloride	BRL	U	µg/kg wet	4.0						
m,p-Xylene	BRL	U	µg/kg wet	8.0						
o-Xylene	BRL	U	µg/kg wet	3.2						
Tetrahydrofuran	BRL	U	µg/kg wet	10.0						
Ethyl ether	BRL	U	µg/kg wet	3.8						
Tert-amyl methyl ether	BRL	U	µg/kg wet	4.6						
Ethyl tert-butyl ether	BRL	U	µg/kg wet	5.0						
Di-isopropyl ether	BRL	U	µg/kg wet	3.0						
Tert-Butanol / butyl alcohol	BRL	U	µg/kg wet	45.4						
1,4-Dioxane	BRL	U	µg/kg wet	82.9						
trans-1,4-Dichloro-2-butene	BRL	U	µg/kg wet	4.9						
Ethanol	BRL	U	µg/kg wet	312						
Surrogate: 4-Bromofluorobenzene	*50.1*		µg/kg wet		*50.0*		*100*	*70-130*		
Surrogate: Toluene-d8	*50.7*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*61.2*		µg/kg wet		*50.0*		*122*	*70-130*		
Surrogate: Dibromofluoromethane	*53.5*		µg/kg wet		*50.0*		*107*	*70-130*		
LCS (1008809-BS1)					Prepared & Analyzed: 27-Apr-10					
1,1,2-Trichlorotrifluoroethane (Freon 113)	16.5		µg/kg wet		20.0		82	70-130		
Acetone	17.8		µg/kg wet		20.0		89	40-144		
Acrylonitrile	20.0		µg/kg wet		20.0		100	70-130		
Benzene	17.2		µg/kg wet		20.0		86	70-130		
Bromobenzene	18.2		µg/kg wet		20.0		91	70-130		
Bromochloromethane	19.5		µg/kg wet		20.0		98	70-130		
Bromodichloromethane	18.1		µg/kg wet		20.0		90	70-130		
Bromoform	18.7		µg/kg wet		20.0		93	70-130		
Bromomethane	16.9		µg/kg wet		20.0		84	54.4-131		
2-Butanone (MEK)	17.2		µg/kg wet		20.0		86	62.1-141		
n-Butylbenzene	16.2		µg/kg wet		20.0		81	70-130		
sec-Butylbenzene	17.5		µg/kg wet		20.0		88	70-130		
tert-Butylbenzene	18.0		µg/kg wet		20.0		90	70-130		
Carbon disulfide	16.7		µg/kg wet		20.0		84	70-130		
Carbon tetrachloride	16.9		µg/kg wet		20.0		85	70-130		
Chlorobenzene	17.4		µg/kg wet		20.0		87	70-130		
Chloroethane	17.4		µg/kg wet		20.0		87	56.7-131		
Chloroform	17.3		µg/kg wet		20.0		87	70-130		
Chloromethane	16.9		µg/kg wet		20.0		85	70-130		
2-Chlorotoluene	16.5		µg/kg wet		20.0		82	70-130		
4-Chlorotoluene	17.3		µg/kg wet		20.0		87	70-130		
1,2-Dibromo-3-chloropropane	18.4		µg/kg wet		20.0		92	70-130		
Dibromochloromethane	19.1		µg/kg wet		20.0		95	49-138		
1,2-Dibromoethane (EDB)	19.1		µg/kg wet		20.0		95	70-130		
Dibromomethane	18.9		µg/kg wet		20.0		95	70-130		
1,2-Dichlorobenzene	17.5		µg/kg wet		20.0		87	70-130		
1,3-Dichlorobenzene	17.7		µg/kg wet		20.0		89	70-130		
1,4-Dichlorobenzene	17.0		µg/kg wet		20.0		85	70-130		
Dichlorodifluoromethane (Freon12)	17.4		µg/kg wet		20.0		87	50.8-145		
1,1-Dichloroethane	17.0		µg/kg wet		20.0		85	70-130		
1,2-Dichloroethane	18.1		µg/kg wet		20.0		90	70-130		

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1008809 - SW846 5035A Soil (low level)										
LCS (1008809-BS1)					Prepared & Analyzed: 27-Apr-10					
1,1-Dichloroethene	16.8		µg/kg wet		20.0		84	70-130		
cis-1,2-Dichloroethene	17.8		µg/kg wet		20.0		89	70-130		
trans-1,2-Dichloroethene	17.4		µg/kg wet		20.0		87	70-130		
1,2-Dichloropropane	17.5		µg/kg wet		20.0		88	70-130		
1,3-Dichloropropane	19.0		µg/kg wet		20.0		95	70-130		
2,2-Dichloropropane	14.8		µg/kg wet		20.0		74	70-130		
1,1-Dichloropropene	16.6		µg/kg wet		20.0		83	70-130		
cis-1,3-Dichloropropene	17.4		µg/kg wet		20.0		87	70-130		
trans-1,3-Dichloropropene	17.6		µg/kg wet		20.0		88	70-130		
Ethylbenzene	17.1		µg/kg wet		20.0		86	70-130		
Hexachlorobutadiene	15.5		µg/kg wet		20.0		77	70-135		
2-Hexanone (MBK)	21.0		µg/kg wet		20.0		105	70-130		
Isopropylbenzene	17.6		µg/kg wet		20.0		88	70-130		
4-Isopropyltoluene	16.4		µg/kg wet		20.0		82	70-130		
Methyl tert-butyl ether	18.7		µg/kg wet		20.0		94	70-130		
4-Methyl-2-pentanone (MIBK)	19.6		µg/kg wet		20.0		98	64.2-130		
Methylene chloride	17.5		µg/kg wet		20.0		88	70-130		
Naphthalene	19.8		µg/kg wet		20.0		99	70-130		
n-Propylbenzene	17.1		µg/kg wet		20.0		86	70-130		
Styrene	18.5		µg/kg wet		20.0		92	70-130		
1,1,1,2-Tetrachloroethane	17.5		µg/kg wet		20.0		88	70-130		
1,1,2,2-Tetrachloroethane	19.9		µg/kg wet		20.0		99	70-130		
Tetrachloroethene	16.4		µg/kg wet		20.0		82	70-130		
Toluene	17.0		µg/kg wet		20.0		85	70-130		
1,2,3-Trichlorobenzene	20.9		µg/kg wet		20.0		105	70-130		
1,2,4-Trichlorobenzene	18.6		µg/kg wet		20.0		93	70-130		
1,3,5-Trichlorobenzene	17.2		µg/kg wet		20.0		86	70-130		
1,1,1-Trichloroethane	17.0		µg/kg wet		20.0		85	70-130		
1,1,2-Trichloroethane	18.9		µg/kg wet		20.0		95	70-130		
Trichloroethene	17.2		µg/kg wet		20.0		86	70-130		
Trichlorofluoromethane (Freon 11)	17.2		µg/kg wet		20.0		86	55.3-174		
1,2,3-Trichloropropane	19.4		µg/kg wet		20.0		97	70-130		
1,2,4-Trimethylbenzene	17.8		µg/kg wet		20.0		89	70-130		
1,3,5-Trimethylbenzene	17.7		µg/kg wet		20.0		89	70-130		
Vinyl chloride	16.8		µg/kg wet		20.0		84	70-130		
m,p-Xylene	35.2		µg/kg wet		40.0		88	70-130		
o-Xylene	17.7		µg/kg wet		20.0		88	70-130		
Tetrahydrofuran	21.9		µg/kg wet		20.0		109	70-130		
Ethyl ether	19.4		µg/kg wet		20.0		97	70-130		
Tert-amyl methyl ether	18.1		µg/kg wet		20.0		90	70-130		
Ethyl tert-butyl ether	18.5		µg/kg wet		20.0		93	70-130		
Di-isopropyl ether	18.2		µg/kg wet		20.0		91	70-130		
Tert-Butanol / butyl alcohol	196		µg/kg wet		200		98	70-130		
1,4-Dioxane	189		µg/kg wet		200		95	44.2-151		
trans-1,4-Dichloro-2-butene	18.6		µg/kg wet		20.0		93	70-130		
Ethanol	289		µg/kg wet		400		72	70-130		
Surrogate: 4-Bromofluorobenzene	*51.8*		µg/kg wet		*50.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*50.7*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.4*		µg/kg wet		*50.0*		*103*	*70-130*		
Surrogate: Dibromofluoromethane	*51.3*		µg/kg wet		*50.0*		*103*	*70-130*		
LCS Dup (1008809-BSD1)					Prepared & Analyzed: 27-Apr-10					

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1008809 - SW846 5035A Soil (low level)										
LCS Dup (1008809-BSD1)					Prepared & Analyzed: 27-Apr-10					
1,1,2-Trichlorotrifluoroethane (Freon 113)	16.0		µg/kg wet		20.0		80	70-130	3	25
Acetone	24.0		µg/kg wet		20.0		120	40-144	30	50
Acrylonitrile	20.4		µg/kg wet		20.0		102	70-130	2	25
Benzene	16.6		µg/kg wet		20.0		83	70-130	4	25
Bromobenzene	17.9		µg/kg wet		20.0		89	70-130	2	25
Bromochloromethane	19.2		µg/kg wet		20.0		96	70-130	1	25
Bromodichloromethane	17.6		µg/kg wet		20.0		88	70-130	3	25
Bromoform	19.6		µg/kg wet		20.0		98	70-130	5	25
Bromomethane	16.4		µg/kg wet		20.0		82	54.4-131	3	50
2-Butanone (MEK)	18.6		µg/kg wet		20.0		93	62.1-141	8	50
n-Butylbenzene	15.4		µg/kg wet		20.0		77	70-130	5	25
sec-Butylbenzene	17.0		µg/kg wet		20.0		85	70-130	3	25
tert-Butylbenzene	17.4		µg/kg wet		20.0		87	70-130	3	25
Carbon disulfide	15.9		µg/kg wet		20.0		80	70-130	5	25
Carbon tetrachloride	16.3		µg/kg wet		20.0		82	70-130	4	25
Chlorobenzene	17.3		µg/kg wet		20.0		87	70-130	0.5	25
Chloroethane	16.2		µg/kg wet		20.0		81	56.7-131	7	50
Chloroform	17.1		µg/kg wet		20.0		86	70-130	1	25
Chloromethane	16.3		µg/kg wet		20.0		81	70-130	4	25
2-Chlorotoluene	16.1		µg/kg wet		20.0		81	70-130	2	25
4-Chlorotoluene	17.2		µg/kg wet		20.0		86	70-130	0.5	25
1,2-Dibromo-3-chloropropane	20.2		µg/kg wet		20.0		101	70-130	9	25
Dibromochloromethane	18.6		µg/kg wet		20.0		93	49-138	3	50
1,2-Dibromoethane (EDB)	19.4		µg/kg wet		20.0		97	70-130	2	25
Dibromomethane	18.9		µg/kg wet		20.0		95	70-130	0.2	25
1,2-Dichlorobenzene	17.2		µg/kg wet		20.0		86	70-130	2	25
1,3-Dichlorobenzene	17.6		µg/kg wet		20.0		88	70-130	1	25
1,4-Dichlorobenzene	16.6		µg/kg wet		20.0		83	70-130	2	25
Dichlorodifluoromethane (Freon12)	16.3		µg/kg wet		20.0		82	50.8-145	7	50
1,1-Dichloroethane	16.4		µg/kg wet		20.0		82	70-130	4	25
1,2-Dichloroethane	18.2		µg/kg wet		20.0		91	70-130	0.7	25
1,1-Dichloroethene	16.1		µg/kg wet		20.0		81	70-130	4	25
cis-1,2-Dichloroethene	16.7		µg/kg wet		20.0		84	70-130	6	25
trans-1,2-Dichloroethene	16.3		µg/kg wet		20.0		82	70-130	6	25
1,2-Dichloropropane	17.0		µg/kg wet		20.0		85	70-130	3	25
1,3-Dichloropropane	19.1		µg/kg wet		20.0		96	70-130	0.8	25
2,2-Dichloropropane	14.1		µg/kg wet		20.0		71	70-130	4	25
1,1-Dichloropropene	16.1		µg/kg wet		20.0		80	70-130	3	25
cis-1,3-Dichloropropene	17.0		µg/kg wet		20.0		85	70-130	3	25
trans-1,3-Dichloropropene	17.6		µg/kg wet		20.0		88	70-130	0.3	25
Ethylbenzene	17.0		µg/kg wet		20.0		85	70-130	0.9	25
Hexachlorobutadiene	14.4		µg/kg wet		20.0		72	70-135	7	50
2-Hexanone (MBK)	20.7		µg/kg wet		20.0		103	70-130	1	25
Isopropylbenzene	17.0		µg/kg wet		20.0		85	70-130	4	25
4-Isopropyltoluene	16.0		µg/kg wet		20.0		80	70-130	3	25
Methyl tert-butyl ether	19.6		µg/kg wet		20.0		98	70-130	5	25
4-Methyl-2-pentanone (MIBK)	18.3		µg/kg wet		20.0		92	64.2-130	7	50
Methylene chloride	17.6		µg/kg wet		20.0		88	70-130	0.5	25
Naphthalene	19.8		µg/kg wet		20.0		99	70-130	0.2	25
n-Propylbenzene	16.7		µg/kg wet		20.0		83	70-130	3	25
Styrene	18.2		µg/kg wet		20.0		91	70-130	2	25
1,1,1,2-Tetrachloroethane	17.9		µg/kg wet		20.0		90	70-130	2	25

Volatile Organic Compounds - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1008809 - SW846 5035A Soil (low level)										
LCS Dup (1008809-BSD1)					Prepared & Analyzed: 27-Apr-10					
1,1,2,2-Tetrachloroethane	20.4		µg/kg wet		20.0		102	70-130	3	25
Tetrachloroethene	15.6		µg/kg wet		20.0		78	70-130	6	25
Toluene	16.3		µg/kg wet		20.0		82	70-130	4	25
1,2,3-Trichlorobenzene	20.0		µg/kg wet		20.0		100	70-130	4	25
1,2,4-Trichlorobenzene	18.2		µg/kg wet		20.0		91	70-130	2	25
1,3,5-Trichlorobenzene	16.8		µg/kg wet		20.0		84	70-130	2	25
1,1,1-Trichloroethane	16.2		µg/kg wet		20.0		81	70-130	5	25
1,1,2-Trichloroethane	18.9		µg/kg wet		20.0		94	70-130	0.3	25
Trichloroethene	16.6		µg/kg wet		20.0		83	70-130	4	25
Trichlorofluoromethane (Freon 11)	16.7		µg/kg wet		20.0		84	55.3-174	3	50
1,2,3-Trichloropropane	19.7		µg/kg wet		20.0		98	70-130	1	25
1,2,4-Trimethylbenzene	17.5		µg/kg wet		20.0		88	70-130	2	25
1,3,5-Trimethylbenzene	17.2		µg/kg wet		20.0		86	70-130	3	25
Vinyl chloride	16.0		µg/kg wet		20.0		80	70-130	5	25
m,p-Xylene	35.0		µg/kg wet		40.0		87	70-130	0.5	25
o-Xylene	17.6		µg/kg wet		20.0		88	70-130	0.06	25
Tetrahydrofuran	22.2		µg/kg wet		20.0		111	70-130	1	25
Ethyl ether	19.7		µg/kg wet		20.0		98	70-130	1	50
Tert-amyl methyl ether	18.4		µg/kg wet		20.0		92	70-130	2	25
Ethyl tert-butyl ether	18.5		µg/kg wet		20.0		92	70-130	0.2	25
Di-isopropyl ether	18.0		µg/kg wet		20.0		90	70-130	0.9	25
Tert-Butanol / butyl alcohol	198		µg/kg wet		200		99	70-130	0.7	25
1,4-Dioxane	187		µg/kg wet		200		94	44.2-151	0.9	25
trans-1,4-Dichloro-2-butene	18.2		µg/kg wet		20.0		91	70-130	2	25
Ethanol	316		µg/kg wet		400		79	70-130	9	30
Surrogate: 4-Bromofluorobenzene	*52.1*		µg/kg wet		*50.0*		*104*	*70-130*		
Surrogate: Toluene-d8	*50.6*		µg/kg wet		*50.0*		*101*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.9*		µg/kg wet		*50.0*		*104*	*70-130*		
Surrogate: Dibromofluoromethane	*51.6*		µg/kg wet		*50.0*		*103*	*70-130*		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1008454 - SW846 3545A										
Blank (1008454-BLK1)					Prepared & Analyzed: 22-Apr-10					
Acenaphthene	BRL	U	µg/kg wet	8.00						
Acenaphthylene	BRL	U	µg/kg wet	10.0						
Aniline	BRL	U	µg/kg wet	25.4						
Anthracene	BRL	U	µg/kg wet	10.0						
Atrazine	BRL	U	µg/kg wet	8.70						
Azobenzene/Diphenyldiazine	BRL	U	µg/kg wet	8.70						
Benzidine	BRL	U	µg/kg wet	37.4						
Benzo (a) anthracene	BRL	U	µg/kg wet	21.3						
Benzo (a) pyrene	BRL	U	µg/kg wet	11.3						
Benzo (b) fluoranthene	BRL	U	µg/kg wet	44.0						
Benzo (g,h,i) perylene	BRL	U	µg/kg wet	9.30						
Benzo (k) fluoranthene	BRL	U	µg/kg wet	13.3						
Benzoic acid	BRL	U	µg/kg wet	6.00						
Benzyl alcohol	BRL	U	µg/kg wet	10.7						
Bis(2-chloroethoxy)methane	BRL	U	µg/kg wet	6.67						
Bis(2-chloroethyl)ether	BRL	U	µg/kg wet	4.67						
Bis(2-chloroisopropyl)ether	BRL	U	µg/kg wet	6.00						
Bis(2-ethylhexyl)phthalate	BRL	U	µg/kg wet	63.4						
4-Bromophenyl phenyl ether	BRL	U	µg/kg wet	15.3						
Butyl benzyl phthalate	BRL	U	µg/kg wet	38.0						
Carbazole	BRL	U	µg/kg wet	12.0						
4-Chloro-3-methylphenol	BRL	U	µg/kg wet	12.0						
4-Chloroaniline	BRL	U	µg/kg wet	32.0						
2-Chloronaphthalene	BRL	U	µg/kg wet	4.70						
2-Chlorophenol	BRL	U	µg/kg wet	6.67						
4-Chlorophenyl phenyl ether	BRL	U	µg/kg wet	4.00						
Chrysene	BRL	U	µg/kg wet	4.70						
Dibenzo (a,h) anthracene	BRL	U	µg/kg wet	5.30						
Dibenzofuran	BRL	U	µg/kg wet	4.00						
1,2-Dichlorobenzene	BRL	U	µg/kg wet	0.160						
1,3-Dichlorobenzene	BRL	U	µg/kg wet	14.0						
1,4-Dichlorobenzene	BRL	U	µg/kg wet	14.7						
3,3'-Dichlorobenzidine	BRL	U	µg/kg wet	24.0						
2,4-Dichlorophenol	BRL	U	µg/kg wet	8.70						
Diethyl phthalate	BRL	U	µg/kg wet	10.7						
Dimethyl phthalate	BRL	U	µg/kg wet	9.30						
2,4-Dimethylphenol	BRL	U	µg/kg wet	15.3						
Di-n-butyl phthalate	BRL	U	µg/kg wet	8.70						
4,6-Dinitro-2-methylphenol	BRL	U	µg/kg wet	8.00						
2,4-Dinitrophenol	BRL	U	µg/kg wet	20.7						
2,4-Dinitrotoluene	BRL	U	µg/kg wet	14.0						
2,6-Dinitrotoluene	BRL	U	µg/kg wet	8.00						
Di-n-octyl phthalate	BRL	U	µg/kg wet	16.0						
Fluoranthene	BRL	U	µg/kg wet	8.00						
Fluorene	BRL	U	µg/kg wet	8.00						
Hexachlorobenzene	BRL	U	µg/kg wet	24.7						
Hexachlorobutadiene	BRL	U	µg/kg wet	37.4						
Hexachlorocyclopentadiene	BRL	U	µg/kg wet	24.7						
Hexachloroethane	BRL	U	µg/kg wet	34.0						
Indeno (1,2,3-cd) pyrene	BRL	U	µg/kg wet	15.3						
Isophorone	BRL	U	µg/kg wet	20.0						
1-Methylnaphthalene	BRL	U	µg/kg wet	0.110						

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1008454 - SW846 3545A										
Blank (1008454-BLK1)					Prepared & Analyzed: 22-Apr-10					
2-Methylnaphthalene	BRL	U	µg/kg wet	7.30						
2-Methylphenol	BRL	U	µg/kg wet	14.0						
3 & 4-Methylphenol	BRL	U	µg/kg wet	8.00						
Naphthalene	BRL	U	µg/kg wet	12.7						
2-Nitroaniline	BRL	U	µg/kg wet	4.00						
3-Nitroaniline	BRL	U	µg/kg wet	11.3						
4-Nitroaniline	BRL	U	µg/kg wet	12.7						
Nitrobenzene	BRL	U	µg/kg wet	12.0						
2-Nitrophenol	BRL	U	µg/kg wet	15.3						
4-Nitrophenol	BRL	U	µg/kg wet	17.3						
N-Nitrosodimethylamine	BRL	U	µg/kg wet	7.34						
N-Nitrosodi-n-propylamine	BRL	U	µg/kg wet	40.0						
N-Nitrosodiphenylamine	BRL	U	µg/kg wet	12.7						
Pentachlorophenol	BRL	U	µg/kg wet	21.3						
Phenanthrene	BRL	U	µg/kg wet	15.3						
Phenol	BRL	U	µg/kg wet	6.67						
Pyrene	BRL	U	µg/kg wet	23.4						
Pyridine	BRL	U	µg/kg wet	6.67						
1,2,4-Trichlorobenzene	BRL	U	µg/kg wet	4.67						
2,4,5-Trichlorophenol	BRL	U	µg/kg wet	6.67						
2,4,6-Trichlorophenol	BRL	U	µg/kg wet	6.67						
Pentachloronitrobenzene	BRL	U	µg/kg wet	165						
1,2,4,5-Tetrachlorobenzene	BRL	U	µg/kg wet	165						
Surrogate: 2-Fluorobiphenyl	*1150*		µg/kg wet		*1670*		*69*	*30-130*		
Surrogate: 2-Fluorophenol	*1210*		µg/kg wet		*1670*		*73*	*15-110*		
Surrogate: Nitrobenzene-d5	*1220*		µg/kg wet		*1670*		*73*	*30-130*		
Surrogate: Phenol-d5	*1340*		µg/kg wet		*1670*		*80*	*15-110*		
Surrogate: Terphenyl-d14	*1130*		µg/kg wet		*1670*		*68*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1100*		µg/kg wet		*1670*		*66*	*15-110*		
LCS (1008454-BS1)					Prepared & Analyzed: 22-Apr-10					
Acenaphthene	1130		µg/kg wet	8.00	1670		68	40-130		
Acenaphthylene	1160		µg/kg wet	10.0	1670		69	40-130		
Aniline	1020		µg/kg wet	25.4	1670		61	40-130		
Anthracene	1160		µg/kg wet	10.0	1670		69	40-130		
Atrazine	1790		µg/kg wet	8.70	1670		107	40-130		
Azobenzene/Diphenyldiazine	1220		µg/kg wet	8.70	1670		73	40-130		
Benzidine	214	J	µg/kg wet	37.4	1670		13	0-161		
Benzo (a) anthracene	1090		µg/kg wet	21.3	1670		65	40-130		
Benzo (a) pyrene	1140		µg/kg wet	11.3	1670		69	40-130		
Benzo (b) fluoranthene	1030		µg/kg wet	44.0	1670		62	40-130		
Benzo (g,h,i) perylene	1100		µg/kg wet	9.30	1670		66	40-130		
Benzo (k) fluoranthene	1180		µg/kg wet	13.3	1670		71	40-130		
Benzoic acid	1260		µg/kg wet	6.00	1670		76	16.5-130		
Benzyl alcohol	1120		µg/kg wet	10.7	1670		67	40-130		
Bis(2-chloroethoxy)methane	1050		µg/kg wet	6.67	1670		63	40-130		
Bis(2-chloroethyl)ether	1230		µg/kg wet	4.67	1670		74	40-130		
Bis(2-chloroisopropyl)ether	1560		µg/kg wet	6.00	1670		93	40-130		
Bis(2-ethylhexyl)phthalate	1090		µg/kg wet	63.4	1670		65	40-130		
4-Bromophenyl phenyl ether	1280		µg/kg wet	15.3	1670		77	40-130		
Butyl benzyl phthalate	1050		µg/kg wet	38.0	1670		63	40-130		
Carbazole	1340		µg/kg wet	12.0	1670		80	40-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1008454 - SW846 3545A										
LCS (1008454-BS1)					Prepared & Analyzed: 22-Apr-10					
4-Chloro-3-methylphenol	1110		µg/kg wet	12.0	1670		67	40-130		
4-Chloroaniline	704		µg/kg wet	32.0	1670		42	40-130		
2-Chloronaphthalene	1070		µg/kg wet	4.70	1670		64	40-130		
2-Chlorophenol	1070		µg/kg wet	6.67	1670		64	40-130		
4-Chlorophenyl phenyl ether	1130		µg/kg wet	4.00	1670		68	40-130		
Chrysene	1030		µg/kg wet	4.70	1670		62	40-130		
Dibenzo (a,h) anthracene	1180		µg/kg wet	5.30	1670		71	40-130		
Dibenzofuran	1140		µg/kg wet	4.00	1670		68	40-130		
1,2-Dichlorobenzene	1110		µg/kg wet	0.160	1670		66	40-130		
1,3-Dichlorobenzene	1080		µg/kg wet	14.0	1670		64	40-130		
1,4-Dichlorobenzene	1130		µg/kg wet	14.7	1670		68	40-130		
3,3'-Dichlorobenzidine	1040		µg/kg wet	24.0	1670		62	40-130		
2,4-Dichlorophenol	1070		µg/kg wet	8.70	1670		64	40-130		
Diethyl phthalate	1190		µg/kg wet	10.7	1670		72	40-130		
Dimethyl phthalate	1120		µg/kg wet	9.30	1670		67	40-130		
2,4-Dimethylphenol	1040		µg/kg wet	15.3	1670		62	40-130		
Di-n-butyl phthalate	1260		µg/kg wet	8.70	1670		75	40-130		
4,6-Dinitro-2-methylphenol	1240		µg/kg wet	8.00	1670		75	40-130		
2,4-Dinitrophenol	1200		µg/kg wet	20.7	1670		72	40-130		
2,4-Dinitrotoluene	1170		µg/kg wet	14.0	1670		70	40-130		
2,6-Dinitrotoluene	1110		µg/kg wet	8.00	1670		67	40-130		
Di-n-octyl phthalate	1260		µg/kg wet	16.0	1670		75	40-130		
Fluoranthene	1220		µg/kg wet	8.00	1670		73	40-130		
Fluorene	1340		µg/kg wet	8.00	1670		80	40-130		
Hexachlorobenzene	1130		µg/kg wet	24.7	1670		68	40-130		
Hexachlorobutadiene	1020		µg/kg wet	37.4	1670		61	40-130		
Hexachlorocyclopentadiene	1410		µg/kg wet	24.7	1670		84	40-130		
Hexachloroethane	1190		µg/kg wet	34.0	1670		71	40-130		
Indeno (1,2,3-cd) pyrene	1140		µg/kg wet	15.3	1670		68	40-130		
1-Methylnaphthalene	1160		µg/kg wet	0.110	1670		70	40-140		
Isophorone	1050		µg/kg wet	20.0	1670		63	40-130		
2-Methylnaphthalene	1200		µg/kg wet	7.30	1670		72	40-130		
2-Methylphenol	1070		µg/kg wet	14.0	1670		64	40-130		
3 & 4-Methylphenol	1170		µg/kg wet	8.00	1670		70	40-130		
Naphthalene	1130		µg/kg wet	12.7	1670		68	40-130		
2-Nitroaniline	1140		µg/kg wet	4.00	1670		68	40-130		
3-Nitroaniline	701		µg/kg wet	11.3	1670		42	40-130		
4-Nitroaniline	1150	J	µg/kg wet	12.7	1670		69	40-130		
Nitrobenzene	1190		µg/kg wet	12.0	1670		71	40-130		
2-Nitrophenol	1140		µg/kg wet	15.3	1670		68	40-130		
4-Nitrophenol	847	J	µg/kg wet	17.3	1670		51	40-130		
N-Nitrosodimethylamine	1270		µg/kg wet	7.34	1670		76	40-130		
N-Nitrosodi-n-propylamine	1210		µg/kg wet	40.0	1670		72	40-130		
N-Nitrosodiphenylamine	1360		µg/kg wet	12.7	1670		82	40-130		
Pentachlorophenol	642	QC2	µg/kg wet	21.3	1670		38	40-130		
Phenanthrene	1180		µg/kg wet	15.3	1670		71	40-130		
Phenol	1100		µg/kg wet	6.67	1670		66	40-130		
Pyrene	1080		µg/kg wet	23.4	1670		65	40-130		
Pyridine	918		µg/kg wet	6.67	1670		55	10-140		
1,2,4-Trichlorobenzene	1090		µg/kg wet	4.67	1670		65	40-130		
2,4,5-Trichlorophenol	1040		µg/kg wet	6.67	1670		62	40-130		
2,4,6-Trichlorophenol	1030		µg/kg wet	6.67	1670		62	40-130		

Semivolatile Organic Compounds by GCMS - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1008454 - SW846 3545A										
LCS (1008454-BS1)					Prepared & Analyzed: 22-Apr-10					
Pentachloronitrobenzene	1210		µg/kg wet	165	1670		73	40-140		
1,2,4,5-Tetrachlorobenzene	1140		µg/kg wet	165	1670		69	40-140		
Surrogate: 2-Fluorobiphenyl	*1060*		µg/kg wet		*1670*		*63*	*30-130*		
Surrogate: 2-Fluorophenol	*1080*		µg/kg wet		*1670*		*65*	*15-110*		
Surrogate: Nitrobenzene-d5	*1190*		µg/kg wet		*1670*		*72*	*30-130*		
Surrogate: Phenol-d5	*1230*		µg/kg wet		*1670*		*74*	*15-110*		
Surrogate: Terphenyl-dl4	*1010*		µg/kg wet		*1670*		*61*	*30-130*		
Surrogate: 2,4,6-Tribromophenol	*1120*		µg/kg wet		*1670*		*67*	*15-110*		

Total Metals by EPA 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1008823 - SW846 3050B										
Blank (1008823-BLK1)						Prepared: 01-May-10 Analyzed: 04-May-10				
Lead	BRL	U	mg/kg wet	0.628						
Selenium	BRL	U	mg/kg wet	0.252						
Cadmium	BRL	U	mg/kg wet	0.102						
Arsenic	BRL	U	mg/kg wet	0.292						
Silver	BRL	U	mg/kg wet	0.205						
Chromium	BRL	U	mg/kg wet	0.224						
Barium	BRL	U	mg/kg wet	0.185						
Reference (1008823-SRM1)						Prepared: 01-May-10 Analyzed: 04-May-10				
Lead	72.4		mg/kg wet	0.646	74.2		98	81.3-118.8		
Selenium	104		mg/kg wet	0.259	103		101	80-120		
Silver	23.8		mg/kg wet	0.211	23.2		102	66.3-133.7		
Arsenic	68.8		mg/kg wet	0.301	71.1		97	82.6-117.4		
Cadmium	36.7		mg/kg wet	0.104	36.6		100	83-116.9		
Chromium	56.1		mg/kg wet	0.230	54.1		104	80.3-119		
Barium	141		mg/kg wet	0.190	139		102	79.2-120.8		
Reference (1008823-SRM2)						Prepared: 01-May-10 Analyzed: 04-May-10				
Selenium	99.5		mg/kg wet	0.259	101		99	80-120		
Lead	71.6		mg/kg wet	0.646	72.4		99	81.3-118.8		
Cadmium	35.1		mg/kg wet	0.104	35.7		98	83-116.9		
Silver	22.5		mg/kg wet	0.211	22.7		99	66.3-133.7		
Arsenic	67.1		mg/kg wet	0.301	69.4		97	82.6-117.4		
Chromium	53.6		mg/kg wet	0.230	52.8		102	80.3-119		
Barium	140		mg/kg wet	0.190	135		104	79.2-120.8		
Batch 1008824 - EPA200/SW7000 Series										
Blank (1008824-BLK1)						Prepared: 01-May-10 Analyzed: 03-May-10				
Mercury	BRL	U	mg/kg wet	0.0041						
Reference (1008824-SRM1)						Prepared: 01-May-10 Analyzed: 03-May-10				
Mercury	6.22		mg/kg wet	0.0469	6.55		95	71.5-128.1		

Notes and Definitions

J	Detected above the Method Detection Limit but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
QM9	The spike recovery for this QC sample is outside the established control limits. The sample results for the QC batch were accepted based on LCS/LCSD or SRM recoveries within the control limits.
R05	Elevated Reporting Limits due to the presence of high levels of non-target analytes.
U	Analyte included in the analysis, but not detected
BDL	Below Detection Limit - Analyte NOT DETECTED at or above the minimum detection limit
BRL	Below Reporting Limit - Analyte NOT DETECTED at or above the reporting limit
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

A plus sign (+) in the Method Reference column indicates the method is not accredited by NELAC.

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic

Validated by:
Hanibal C. Tayeh, Ph.D.
Nicole Leja

SB10892

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Page 1 of 1

caitlyn.locci@hrpassociates.com

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- All TATs subject to laboratory approval.
- Min. 24-hour notification needed for rushes.
- Samples disposed of after 60 days unless otherwise instructed.

Report To: CAITLYN LOCCI
HRP ASSOCIATES INC.
1 FAIRCHILD SQ SUITE 110
CLIFTON PARK NY 12020
Telephone #: 518-877-7101
Project Mgr. C LOCCI

Invoice To: SAME

P.O. No.: _____ RQN: 5334

Project No.: MEZ2001.P2
Site Name: MECHANICVILLE IND. PARK
Location: MECHANICVILLE State: NY
Sampler(s): CAITLYN LOCCI

1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid 7=CH_3OH
8=$NaHSO_4$ 9=ICE 10=_____ 11=_____

List preservative code below: 9 9 9

QA/QC Reporting Notes: (check as needed)
- [ ] Provide MADEP MCP CAM Report
- [ ] Provide CT-DPH RCP Report
- QA/QC Reporting Level: [X] Standard [ ] No QC
- [ ] Other _____

State specific reporting standards: _____

DW=Drinking Water GW=Groundwater WW=Wastewater
O=Oil SW=Surface Water SO=Soil SL=Sludge A=Air
X1=_____ X2=_____ X3=_____

G=Grab C=Composite

Lab Id:	Sample Id:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analyses: VOC 8260	SVOC 8270	SELECT METALS						
K1892-01	SIDEWALL-E	4/15/10	9:00	G	SO			2		X	X	X						
-02	SIDEWALL-N		10:00	G	SO			2		X	X	X						
-03	SIDEWALL-W		11:00	G	SO			2		X	X	X						
-04	SIDEWALL-S		12:00	G	SO			2		X	X	X						
-05	BOTTOM		1:00	G	SO			2		X	X	X						

Relinquished by:	Received by:	Date:	Time:	Temp°C
[signature]	FED EX			6
FED EX	[signature]	4/19/10	10:20	6.0

- [ ] EDD Format _____
- [ ] E-mail to caitlyn.locci@hrpassociates.com

[ ] Ambient [X] Iced [ ] Refrigerated [ ] Fridge temp ___°C [ ] Freezer temp ___°C

11 Almgren Drive • Agawam, MA 01001 • 413-789-9018 • FAX 413-789-4076 • www.spectrum-analytical.com

From: Origin ID: DSVA (518) 877-7101
Lauren Kelley
HRP ASSOCIATES INC
1 FAIRCHILD SQ STE 110

CLIFTON PARK, NY 12065

FedEx Express

Ship Date: 16APR10
ActWgt: 15.0 LB
CAD: 8738270/INET3010

Delivery Address Bar Code

Ref # MEC2001 P2
Invoice #
PO #
Dept #

SHIP TO: (413) 789-9018 BILL THIRD PARTY
Sample Receiving, Spectrum
Spectrum Analytical
11 ALMGREN DR

AGAWAM, MA 01001

TRK# 0201 7934 5639 7972

MON - 19 APR A2
STANDARD OVERNIGHT

01001
MA-US
BDL

KM EHTA

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ATTACHMENT #4

GENERAL LIMITATIONS

LIMITATIONS ON WORK PRODUCT

All work product and reports provided by HRP in connection with the performance of any phase of Environmental Site Assessments, and any services related to remedial and post-remedial action, including all work performed under HRP's Terms & Conditions and any follow-up work is subject to the following limitations.

A. The observations described in the Project Report(s) are made under the stated conditions. The conclusions presented in the Report(s) are based solely upon the indicated services, and not on scientific tasks or procedures beyond the scope of described services or the time and budgetary constraints imposed by the Client.

B. In preparing Project Reports, HRP relies on certain representations made and in-formation provided by federal, state and local officials, the Client and other parties referenced in the Project Reports, and on information contained in the files of federal, state and/or local agencies made available to HRP, at the time of the Project. To the extent that such information and files are missing, incomplete or not provided to HRP, HRP is not responsible. Although there may be some degree of overlap in the information provided by these various sources, HRP does not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of the Project. If the Client determines that information provided or made available to HRP from any source is incorrect or inaccurate, the Client should promptly notify HRP, whereupon HRP will issue a corrected Project Report.

C. Observations are made of the site and of structures on the site as indicated within the Project Report(s). Where access to portions of the site or to structures on the site is unavailable or limited, HRP renders no opinion as to the presence of potential contamination by hazardous substances, wastes or petroleum and chemical products and wastes. In addition, HRP renders no opinion as to the presence of indirect evidence relating to potential contamination by hazardous substances, wastes or petroleum and chemical products or wastes where direct observation of the interior walls, floors, or ceilings of a structure on a site is obstructed by objects or coverings on or over these surfaces.

D. Unless otherwise specified in the Project Report(s), HRP does not perform testing or analyses to determine the presence or concentration of asbestos or poly-chlorinated biphenyls (PCBs), lead paint, urea formaldehyde foam insulation (UFFI), wetlands, regulatory compliance, cultural and historical risks, industrial hygiene, health & safety, ecological resources, endangered species, indoor air quality, high voltage power lines, or radon at the site or in the environment of the site. When HRP is contracted to perform asbestos or lead paint testing, planning or related services, HRP assumes no responsibility for the implementation or enforcement of the procedures, work practices, or other control methods recommended, required, or mentioned in the Project Report(s), unless HRP has been specifically contracted to implement or supervise such actions, in which case the associated contractual documents will define our scope and responsibilities.

E. The purpose of the Project Report(s) is to assess the physical characteristics of the subject site with respect to the potential presence in the site soil, ground water or surface water environment of contamination by hazardous substances, hazardous waste or petroleum and chemical products and wastes. HRP has not confirmed the compliance of present or past owners or operators of the site with federal, state, or local laws and regulations, environmental or otherwise.

F. If sampling is included in the scope of the Project, the conclusions and recommendations contained in the Project Report(s) are based in part upon the data obtained from a limited number of soil, ground water, or surface water samples obtained from widely spaced surface or subsurface explorations. The nature and extent of variations between these locations may not become evident until further exploration. If variations or other latent conditions then appear evident, it will be necessary to re-evaluate the conclusions and recommendations of the Project Report(s).

G. If water level readings are made in test pits, borings, and/or observation wells; these observations are made at the times and under the conditions stated on the test pit or boring logs or in the Project Report(s). However, it must be noted that fluctuations in the level of ground water may occur due to variations in rainfall, passage of time and other factors. Should additional data become available in the future, these data may alter the basis of conclusions and recommendations presented in the Project Report(s).

H. If the conclusions and recommendations contained in the Project Report(s) are based, in part, upon various types of chemical analyses, then the conclusions and recommendations are contingent upon the validity of such data. The analyses are performed for specific parameters and additional chemical constituents not searched for during the current study may be present in soil, ground water, or surface water at the site. Where such analyses have been conducted by an out-side laboratory, HRP has relied upon the data provided, and has not conducted an independent evaluation of the reliability of these tests. The data (if obtained) are reviewed and interpretations made in the Project Report(s). If indicated within the Project Report(s), some of these data may be preliminary "screening" level data and should be confirmed with quantitative analyses if more specific in-formation is necessary. Moreover, it should be noted that variations in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time, and other factors. Should additional chemical data become available in the future, these data may alter the basis of the conclusions and recommendations presented in the Project Report(s).

I. It is recommended that HRP be retained to provide further hydrogeologic and engineering services during the conduct of further exploration or the construction and/or implementation of any remedial measures recommended in HRP's Project Report(s). This is to allow HRP and the Client to observe consistency with the concepts and recommendations contained therein, and to allow the development of changes to the remedial program in the event that subsurface conditions or other conditions differ from those anticipated.

J. The services provided by HRP do not include legal advice. Legal counsel should be consulted regarding interpretation of relevant federal, state and local laws.