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To: NCDENR - Wilmington Regional Office
Inactive Hazardous Sites Branch Supervisor
127 Cardinal Drive Extension
Wilmington, NC 28405

Attn: Suzanne Robbins

Date: 12/1/11

F&R No.: 66M-0200-0003

Reference: 1400 Point Harbor Road
Work Plan Implementation Report

We are sending you ☒ Attached ☐ Under separate cover via _____

The following items:

☒ Engineering Reports ☐ Prints ☐ Copy of Letter ☐ Plans

☐ Test Reports ☐ Samples ☐ Contract ☐ Other: _____

COPIES	DATE	NO.	DESCRIPTION
1	11/28/11	66M-0200-0003	1400 Point Harbor Road: Work Plan Implementation Report

Remarks:

Distribution:
Patricia Pierce (Point Harbor Ventures)
Tim Sullivan (Poyner Spruill)

Michael S. Sobodish

Signed

Form No. 1027

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November 28, 2011

RECEIVED
DEC 2 2011
SUPERFUND SECTION

Ms. Susanne Robbins
NCDENR
Inactive Hazardous Sites Branch Supervisor
Wilmington Regional Office
127 Cardinal Drive Extension
Wilmington, NC 28405

RE: 1400 Point Harbor Road
Work Plan Implementation

Dear Ms. Robbins,

On October 18, 2011, a draft work plan was prepared to meet your comments following a meeting between Susanne Robbins of the Department of Environment and Natural Resources- Inactive Hazardous Sites Branch (DENR IHSB), Sam Watson of the DENR Brownfields Program, Stan Rudd of Intracoastal Construction, Tim Sullivan of Poyner Spruill, & Mike Minett of Froehling & Robinson (F&R). The Point Harbor facility located at 1400 Point Harbor Road, in Wilmington, North Carolina was discussed (Former Alderman Property). It was agreed that F&R would supply a work plan outlining the tasks needed to move forward, and possibly obtain a "No Further Action" letter from DENR (if the analyses were within the acceptable boundaries). The work plan was submitted, and approved by you in an email, dated October 21, 2011.

The following is the numbered items on the work plan with the results of our additional research following each numerical item in the work plan with the text in blue.

1. Either document that existing groundwater data was prepared using EPA method 3030C, and not filtered prior to acidification; or resample the wells and analyze the data according to IHSB guidelines.

F&R contacted Environmental Conservation Laboratories Inc. (ENCO) and received the following statement in an explanatory letter, dated November 4, 2011; "ENCO did not filter the samples prior to acidification, despite the statement made on the chain of custody by the client." F&R affirms that the samples were prepared using EPA method 3030C and were not filtered prior to submittal to the laboratory. The entire ENCO letter is included as Attachment A.

2. Some groundwater analytes without North Carolina Administrative Code Chapter 15, Subchapter 2L (NCAC 2L) have been documented in the last sampling round. F&R will provide

federal maximum contaminant limits, or determine if EPA risk based limits exist for those compounds, and provide a report documenting the effort.

According to the 15A NCAC 02L.0102 North Carolina Groundwater Standard, "substances which are not naturally occurring and for which no standard is specified shall not be permitted in concentrations at or above the practical quantitation limit (PQL) in Class GA or Class GSA groundwaters". By definition, the PQL is the "lowest concentration of a given material that can be reliably achieved among laboratories within specified limits of precision and accuracy by a given analytical method during routine laboratory analysis". It was confirmed by ENCO Laboratory that the PQL is synonymous with their method reporting limit (MRL), and that the J qualifier corresponds to a concentration that falls between the laboratory method detection limit (MDL) and the MRL. According to the lab data provided by ENCO for each of the analytes listed in table 1 below, each of the analyte concentrations were flagged with a J qualifier. Since the MDL is less than the MRL, it can be concluded that the analytes listed fall below the PQL and are therefore not in exceedance of 15A NCAC 02L.02 standards. A copy of the laboratory data is included in Attachment B.

Table 1. Groundwater Analyses from sampling conducted on May 12, 2011

Analyte	Measured Concentration (µg/L)	Location
Bicyclo (2.2.1) Heptan-2-one	8.8J	MW-3
Dodecanoic Acid	7J	MW-3
	14J	MW-4
n-Hexadecanoic Acid	5.0J	MW-3
Phenol 4-(1,1,3,3)	6.7J	MW-3
Cyclic octaatonic sulfur	4.4J	MW-4

It should be noted that several of the analyte concentrations have the J modifier. In this case, the J means "The reported value is between the laboratory method detection limit (MDL) and the laboratory method reporting limit (MRL), adjusted for actual sample preparation data and moisture content, where applicable."

3. Some soil analytes are above the DENR soil-to-groundwater standards. F&R will compare the soil data to 20 x the 2L standard for compounds that contain a 2L standard. If the soil analysis is

below 20 x the 2L standard, additional analysis for that compound will not be performed. For analytes that do not pass the 20x test, or if there are compounds that do not have a 2L standard: F&R will collect composite soil samples at the following locations for TCLP analysis:

Sample Location	8260	8270	Chromium	Lead
SP-1	X	X	X	X
SP-29		X		
SP-8		X		
SP-11			X	

The composite samples will be collected in the general area where the initial data was generated; i.e. 1-2 feet below land surface. A composite sample will be made up of 3 to 5 representative samples.

F&R collected four composite soil samples in the areas of the original sampling locations near SP-1, SP-29, SP-8 and SP-11. Each of these samples was a composite sample using 3 to 5 discrete samples that were composited. The samples were collected from 1 to 2 feet below land surface. Each composite sample was tested for the analytes outlined in the table above and the results can be found in Table 2 below:

Table 2. Composite Soil Sample Analyses from sampling on 11/11/11 and 11/12/11

Sample Location	8260	8270	Chromium	Lead
SP-1 (SS-1C)	ND	ND	ND	ND
SP-29 (SS-29C)	N/A	ND	N/A	N/A
SP-8 (SS-8C)	N/A	ND	N/A	N/A
SP-11 (SS-11C)	N/A	N/A	ND	N/A

ND= Non-Detect

Each of the analyte concentrations was non-detect and therefore do not exceed the NCAC 2L Groundwater Standards. A copy of the laboratory data is included as Attachment C. Since the latest round of laboratory testing indicates that the target analytes are not in exceedance of the groundwater standard, F&R recommends that the incident be closed with no further action necessary.

4. F&R will provide DENR with all of the existing data in F&R's possession, not just the published reports.

See Attachment D.

5. F&R will also provide color figures depicting former and current sample locations.

See Attachment E.

6. F&R will provide aerial photographs, or other documentation about surface drainage features, if any.

According to the New Hanover County GIS, the 2 ft. contour lines on the property indicate an area of slightly lower elevation (2 ft. above mean sea level) along the Northeast Cape Fear River. The property is mostly situated 4 ft. above mean sea level (AMSL) with some areas that are 6 ft. above msl. Stormwater on the property either percolates into the soil or drains via sheet flow to the Cape Fear River. There are no drainage features present on site. A map showing the topography along with the sample locations is included in Attachment F and photographs depicting the property are included in Attachment G.

REPORT LIMITATIONS

These services have been performed, under authorization of Point Harbor Ventures, LLC for specific application on this project. These services have been performed in accordance with generally accepted environmental and hydrogeological practices. No other warranty, expressed or implied is made. As with any subsurface investigation, actual conditions exist only at the precise locations from which samples were taken. Certain inferences are based on the results of sampling and related testing to form a professional opinion of conditions in areas beyond those from which samples were taken. Our conclusions and recommendations are based upon information provided to us by others, our sampling and testing results and our site observations. We have not verified the completeness or accuracy of the information provided by others, unless otherwise noted. Our observations are based upon conditions readily visible at the site at the time of our site visits.

Froehling & Robertson, Inc. by virtue of providing the services described in this report, does not assume the responsibility of the person(s) in charge of the site, or otherwise undertake responsibility for reporting to any local, state or federal public agencies any conditions at the site that may present a potential danger to public health, safety or the environment. In areas that require notification of local, state, or federal public agencies as required by law, it is the Client's responsibility to so notify.

If you have any questions/comments or require further information, please do not hesitate to contact the undersigned at (919) 828-3441.

Respectfully submitted,

FROEHLING & ROBERTSON, INC.

Michael S. Sabodish, Jr., Ph.D., P.E.
Engineering and Remediation Services Manager

Michael W. Minett, REM
Charlotte Branch Env. Group Manager

Attachments:
Attachment A: ENCO letter dated November 4, 2011
Attachment B: Groundwater Analyses from sampling conducted on May 12, 2011
Attachment C: Composite Soil Sample Analyses from sampling on 11/11 & 12 /11
Attachment D: Historical Groundwater and Soil Data
Attachment E: Historical and Current Sampling Locations
Attachment F: Topographic Map and Sampling Locations (11/11 & 12/11)
Attachment G: Site Photographs

ATTACHMENT A

ENCO LETTER DATED NOVEMBER 4, 2011

Environmental Conservation Laboratories, Inc.
102-A Woodwinds Court
Cary, NC 27511
(919) 467-3090
NC DWQ # 96, NCDHHS # 37724, NELAP #E87610 www.encolabs.com

November 4, 2011

Dr. Michael S. Sabodish Jr., P.E.
Engineering and Remediation Services Manager
FROEHLING & ROBERTSON, INC.
310 Hubert Street, Raleigh, NC 27603

Dear Dr. Sabodish:

To clarify any confusion with regards to work order C110198 for the analysis of groundwater samples, ENCO performed method 3030C for the extractions preparation per the method; i.e. the samples were acidified and then filtered afterward. In regards to the notations made on the chain of custody, the requested analysis states clearly that 3030C was the preparation method to be used. The signature of Briana Gregory at the bottom of the CoC indicates that she only prepared the sample kit. The comments in the special reporting section were added by the client (Mr. Calvin Manning who dropped off the kit). This section is normally used for client requests and special instructions. If ENCO's logins personnel had made the notation, they would have been required to sign and date the comment.

Again, ENCO did not filter the samples prior to acidification despite the statement made on the chain of custody by the client.

Sincerely,

Digitally signed by Rachel Anderson
Reason: I am the author of this document
Date: 2011.11.04 14:29:52 -04'00'

Rachel Anderson
Quality Assurance Manager
Environmental Conservation Laboratories, Inc.

ATTACHMENT B

GROUNDWATER ANALYSES FROM SAMPLING CONDUCTED ON MAY 12, 2011

Environmental Conservation Laboratories, Inc.
102-A Woodwinds Industrial Court
Cary NC, 27511
Phone: 919.467.3090 FAX: 919.467.3515
www.encolabs.com

Thursday, May 19, 2011

Froehling and Robertson (FR004)

Attn: Mike Sabodish

310 Hubert Street

Raleigh, NC 27603

RE: Laboratory Results for
Project Number: 66M-0200-0001, Project Name/Desc: Point Harbor Site
ENCO Workorder: C105544

Dear Mike Sabodish,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Thursday, May 12, 2011.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

The analytical results contained in this report are in compliance with NELAC standards, except as noted in the project narrative. This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Unless otherwise noted, all analyses were performed at ENCO Cary. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Chuck Smith

Chuck Smith

Project Manager

Enclosure(s)

The total number of pages in this report, including this page is 29.

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW1	Lab ID: C105544-01	Sampled: 05/12/11 08:58	Received: 05/12/11 13:34

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 1664A	06/09/11		05/18/11	13:47	5/19/2011 14:09
EPA 6010C	11/08/11		05/13/11	08:38	5/16/2011 12:09
EPA 625	05/19/11	06/22/11	05/13/11	04:01	5/13/2011 21:21

Client ID: MW2	Lab ID: C105544-02	Sampled: 05/12/11 09:45	Received: 05/12/11 13:34

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 1664A	06/09/11		05/18/11	13:47	5/19/2011 14:09
EPA 6010C	11/08/11		05/13/11	08:38	5/16/2011 12:25
EPA 625	05/19/11	06/22/11	05/13/11	04:01	5/13/2011 20:04

Client ID: MW3	Lab ID: C105544-03	Sampled: 05/12/11 10:30	Received: 05/12/11 13:34

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 1664A	06/09/11		05/18/11	13:47	5/19/2011 14:09
EPA 6010C	11/08/11		05/13/11	08:38	5/16/2011 12:27
EPA 625	05/19/11	06/22/11	05/13/11	04:01	5/13/2011 20:30

Client ID: MW4	Lab ID: C105544-04	Sampled: 05/12/11 11:18	Received: 05/12/11 13:34

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 1664A	06/09/11		05/18/11	13:47	5/19/2011 14:09
EPA 6010C	11/08/11		05/13/11	08:38	5/16/2011 12:29
EPA 625	05/19/11	06/22/11	05/13/11	04:01	5/13/2011 20:55

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SAMPLE DETECTION SUMMARY

Client ID: MW1 **Lab ID: C105544-01**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chromium - Total	38.4		1.00	10.0	ug/L	EPA 6010C	
Lead - Total	30.3		1.90	10.0	ug/L	EPA 6010C	

Client ID: MW2 **Lab ID: C105544-02**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chromium - Total	1.82	J	1.00	10.0	ug/L	EPA 6010C	
Lead - Total	3.83	J	1.90	10.0	ug/L	EPA 6010C	
Oil & Grease (HEM-SGT) Non-Polar Material	3.93	J	3.00	5.00	mg/L	EPA 1664A	
Unknown	5.1	JB			ug/L	EPA 625	B

Client ID: MW3 **Lab ID: C105544-03**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Benzoic acid, 2,4,5-trimeth...	11	J			ug/L	EPA 625	
Benzoic acid, 2,4,6-trimethyl-	8.4	J			ug/L	EPA 625	
Bicyclo[2.2.1]heptan-2-one,...	8.8	J			ug/L	EPA 625	
Chromium - Total	8.17	J	1.00	10.0	ug/L	EPA 6010C	
Dodecanoic acid	7.0	J			ug/L	EPA 625	
Lead - Total	14.2		1.90	10.0	ug/L	EPA 6010C	
n-Hexadecanoic acid	5.0	J			ug/L	EPA 625	
Phenol, 4-(1,1,3,3-tetramet...	6.7	J			ug/L	EPA 625	
Unknown (01)	5.5	J			ug/L	EPA 625	
Unknown (02)	5.2	J			ug/L	EPA 625	
Unknown (03)	12	J			ug/L	EPA 625	

Client ID: MW4 **Lab ID: C105544-04**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Acenaphthene	4.5	J	1.4	10	ug/L	EPA 625	
Chromium - Total	20.9		1.00	10.0	ug/L	EPA 6010C	
Cyclic octaatomic sulfur	4.4	J			ug/L	EPA 625	
Dodecanoic acid	14	J			ug/L	EPA 625	
Lead - Total	103		1.90	10.0	ug/L	EPA 6010C	
Oil & Grease (HEM-SGT) Non-Polar Material	3.68	J	3.00	5.00	mg/L	EPA 1664A	
Unknown (01)	5.4	J			ug/L	EPA 625	
Unknown (02)	8.3	JB			ug/L	EPA 625	B
Unknown (03)	4.6	J			ug/L	EPA 625	

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ANALYTICAL RESULTS

Description: MW1
Matrix: Ground Water
Project: Point Harbor Site

Lab Sample ID: C105544-01
Sampled: 05/12/11 08:58
Sampled By: Mike Sabodish

Received: 05/12/11 13:34
Work Order: C105544

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 21:21	DFM	
1,2-Dichlorobenzene [95-50-1] ^	1.1	U	ug/L	1	1.1	10	1E13001	EPA 625	05/13/11 21:21	DFM	
1,3-Dichlorobenzene [541-73-1] ^	1.1	U	ug/L	1	1.1	10	1E13001	EPA 625	05/13/11 21:21	DFM	
1,4-Dichlorobenzene [106-46-7] ^	1.0	U	ug/L	1	1.0	10	1E13001	EPA 625	05/13/11 21:21	DFM	
1-Methylnaphthalene [90-12-0] ^	1.7	U	ug/L	1	1.7	10	1E13001	EPA 625	05/13/11 21:21	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	1.1	U	ug/L	1	1.1	10	1E13001	EPA 625	05/13/11 21:21	DFM	
2,4-Dichlorophenol [120-83-2] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 21:21	DFM	
2,4-Dimethylphenol [105-67-9] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 21:21	DFM	
2,4-Dinitrophenol [51-28-5] ^	2.6	U	ug/L	1	2.6	10	1E13001	EPA 625	05/13/11 21:21	DFM	
2,4-Dinitrotoluene [121-14-2] ^	2.4	U	ug/L	1	2.4	10	1E13001	EPA 625	05/13/11 21:21	DFM	
2,6-Dinitrotoluene [606-20-2] ^	1.5	U	ug/L	1	1.5	10	1E13001	EPA 625	05/13/11 21:21	DFM	
2-Chloronaphthalene [91-58-7] ^	1.0	U	ug/L	1	1.0	10	1E13001	EPA 625	05/13/11 21:21	DFM	
2-Chlorophenol [95-57-8] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 21:21	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	2.9	U	ug/L	1	2.9	10	1E13001	EPA 625	05/13/11 21:21	DFM	
2-Methylnaphthalene [91-57-6] ^	1.5	U	ug/L	1	1.5	10	1E13001	EPA 625	05/13/11 21:21	DFM	
2-Nitrophenol [88-75-5] ^	1.1	U	ug/L	1	1.1	10	1E13001	EPA 625	05/13/11 21:21	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	3.3	U	ug/L	1	3.3	10	1E13001	EPA 625	05/13/11 21:21	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	1.0	U	ug/L	1	1.0	10	1E13001	EPA 625	05/13/11 21:21	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	1.5	U	ug/L	1	1.5	10	1E13001	EPA 625	05/13/11 21:21	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	1.6	U	ug/L	1	1.6	10	1E13001	EPA 625	05/13/11 21:21	DFM	
4-Nitrophenol [100-02-7] ^	2.0	U	ug/L	1	2.0	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Acenaphthene [83-32-9] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Acenaphthylene [208-96-8] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Anthracene [120-12-7] ^	1.6	U	ug/L	1	1.6	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Benzidine [92-87-5] ^	1.6	U	ug/L	1	1.6	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Benzo(a)anthracene [56-55-3] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Benzo(a)pyrene [50-32-8] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Benzo(b)fluoranthene [205-99-2] ^	1.0	U	ug/L	1	1.0	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	2.4	U	ug/L	1	2.4	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Benzo(k)fluoranthene [207-08-9] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	1.7	U	ug/L	1	1.7	5.0	1E13001	EPA 625	05/13/11 21:21	DFM	
Butylbenzylphthalate [85-68-7] ^	2.0	U	ug/L	1	2.0	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Chrysene [218-01-9] ^	2.0	U	ug/L	1	2.0	10	1E13001	EPA 625	05/13/11 21:21	DFM	QV-02
Dibenzo(a,h)anthracene [53-70-3] ^	2.3	U	ug/L	1	2.3	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Diethylphthalate [84-66-2] ^	2.1	U	ug/L	1	2.1	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Dimethylphthalate [131-11-3] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Di-n-butylphthalate [84-74-2] ^	1.5	U	ug/L	1	1.5	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Di-n-octylphthalate [117-84-0] ^	3.1	U	ug/L	1	3.1	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Fluoranthene [206-44-0] ^	2.1	U	ug/L	1	2.1	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Fluorene [86-73-7] ^	1.7	U	ug/L	1	1.7	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Hexachlorobenzene [118-74-1] ^	1.0	U	ug/L	1	1.0	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Hexachlorobutadiene [87-68-3] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Hexachloroethane [67-72-1] ^	1.1	U	ug/L	1	1.1	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	2.2	U	ug/L	1	2.2	10	1E13001	EPA 625	05/13/11 21:21	DFM	

www.encolabs.com

Description: MW1
Matrix: Ground Water
Project: Point Harbor Site

Lab Sample ID: C105544-01
Sampled: 05/12/11 08:58
Sampled By: Mike Sabodish

Received: 05/12/11 13:34
Work Order: C105544

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Isophorone [78-59-1] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Naphthalene [91-20-3] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Nitrobenzene [98-95-3] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 21:21	DFM	
N-Nitrosodimethylamine [62-75-9] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 21:21	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	1.5	U	ug/L	1	1.5	10	1E13001	EPA 625	05/13/11 21:21	DFM	
N-Nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	2.1	U	ug/L	1	2.1	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Pentachlorophenol [87-86-5] ^	1.8	U	ug/L	1	1.8	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Phenanthrene [85-01-8] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Phenol [108-95-2] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Pyrene [129-00-0] ^	2.1	U	ug/L	1	2.1	10	1E13001	EPA 625	05/13/11 21:21	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*82*	*1*	*100*	*82 %*	*18-157*	*1E13001*	*EPA 625*	*05/13/11 21:21*	*DFM*	
2-Fluorobiphenyl	*39*	*1*	*50.0*	*78 %*	*15-139*	*1E13001*	*EPA 625*	*05/13/11 21:21*	*DFM*	
2-Fluorophenol	*49*	*1*	*100*	*49 %*	*10-104*	*1E13001*	*EPA 625*	*05/13/11 21:21*	*DFM*	
Nitrobenzene-d5	*36*	*1*	*50.0*	*72 %*	*16-140*	*1E13001*	*EPA 625*	*05/13/11 21:21*	*DFM*	
Phenol-d5	*44*	*1*	*100*	*44 %*	*10-83*	*1E13001*	*EPA 625*	*05/13/11 21:21*	*DFM*	
Terphenyl-d14	*44*	*1*	*50.0*	*87 %*	*23-164*	*1E13001*	*EPA 625*	*05/13/11 21:21*	*DFM*	

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Description: MW1
Matrix: Ground Water
Project: Point Harbor Site

Lab Sample ID: C105544-01
Sampled: 05/12/11 08:58
Sampled By: Mike Sabodish

Received: 05/12/11 13:34
Work Order: C105544

Metals (acid extractable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	**38.4**		ug/L	1	1.00	10.0	1E13006	EPA 6010C	05/16/11 12:09	JDH	
Lead [7439-92-1] ^	**30.3**		ug/L	1	1.90	10.0	1E13006	EPA 6010C	05/16/11 12:09	JDH	

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Description: MW1
Matrix: Ground Water
Project: Point Harbor Site

Lab Sample ID: C105544-01
Sampled: 05/12/11 08:58
Sampled By: Mike Sabodish

Received: 05/12/11 13:34
Work Order: C105544

Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM-SGT) Non-Polar Material [ECL-0104] ^	3.00	U	mg/L	1	3.00	5.00	1E18005	EPA 1664A	05/19/11 14:09	MJF	

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Description: MW2
Matrix: Ground Water
Project: Point Harbor Site

Lab Sample ID: C105544-02
Sampled: 05/12/11 09:45
Sampled By: Mike Sabodish

Received: 05/12/11 13:34
Work Order: C105544

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 20:04	DFM	
1,2-Dichlorobenzene [95-50-1] ^	1.1	U	ug/L	1	1.1	10	1E13001	EPA 625	05/13/11 20:04	DFM	
1,3-Dichlorobenzene [541-73-1] ^	1.1	U	ug/L	1	1.1	10	1E13001	EPA 625	05/13/11 20:04	DFM	
1,4-Dichlorobenzene [106-46-7] ^	1.0	U	ug/L	1	1.0	10	1E13001	EPA 625	05/13/11 20:04	DFM	
1-Methylnaphthalene [90-12-0] ^	1.7	U	ug/L	1	1.7	10	1E13001	EPA 625	05/13/11 20:04	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	1.1	U	ug/L	1	1.1	10	1E13001	EPA 625	05/13/11 20:04	DFM	
2,4-Dichlorophenol [120-83-2] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 20:04	DFM	
2,4-Dimethylphenol [105-67-9] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:04	DFM	
2,4-Dinitrophenol [51-28-5] ^	2.6	U	ug/L	1	2.6	10	1E13001	EPA 625	05/13/11 20:04	DFM	
2,4-Dinitrotoluene [121-14-2] ^	2.4	U	ug/L	1	2.4	10	1E13001	EPA 625	05/13/11 20:04	DFM	
2,6-Dinitrotoluene [606-20-2] ^	1.5	U	ug/L	1	1.5	10	1E13001	EPA 625	05/13/11 20:04	DFM	
2-Chloronaphthalene [91-58-7] ^	1.0	U	ug/L	1	1.0	10	1E13001	EPA 625	05/13/11 20:04	DFM	
2-Chlorophenol [95-57-8] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 20:04	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	2.9	U	ug/L	1	2.9	10	1E13001	EPA 625	05/13/11 20:04	DFM	
2-Methylnaphthalene [91-57-6] ^	1.5	U	ug/L	1	1.5	10	1E13001	EPA 625	05/13/11 20:04	DFM	
2-Nitrophenol [88-75-5] ^	1.1	U	ug/L	1	1.1	10	1E13001	EPA 625	05/13/11 20:04	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	3.3	U	ug/L	1	3.3	10	1E13001	EPA 625	05/13/11 20:04	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	1.0	U	ug/L	1	1.0	10	1E13001	EPA 625	05/13/11 20:04	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	1.5	U	ug/L	1	1.5	10	1E13001	EPA 625	05/13/11 20:04	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	1.6	U	ug/L	1	1.6	10	1E13001	EPA 625	05/13/11 20:04	DFM	
4-Nitrophenol [100-02-7] ^	2.0	U	ug/L	1	2.0	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Acenaphthene [83-32-9] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Acenaphthylene [208-96-8] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Anthracene [120-12-7] ^	1.6	U	ug/L	1	1.6	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Benzidine [92-87-5] ^	1.6	U	ug/L	1	1.6	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Benzo(a)anthracene [56-55-3] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Benzo(a)pyrene [50-32-8] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Benzo(b)fluoranthene [205-99-2] ^	1.0	U	ug/L	1	1.0	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	2.4	U	ug/L	1	2.4	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Benzo(k)fluoranthene [207-08-9] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	1.7	U	ug/L	1	1.7	5.0	1E13001	EPA 625	05/13/11 20:04	DFM	
Butylbenzylphthalate [85-68-7] ^	2.0	U	ug/L	1	2.0	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Chrysene [218-01-9] ^	2.0	U	ug/L	1	2.0	10	1E13001	EPA 625	05/13/11 20:04	DFM	QV-02
Dibenzo(a,h)anthracene [53-70-3] ^	2.3	U	ug/L	1	2.3	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Diethylphthalate [84-66-2] ^	2.1	U	ug/L	1	2.1	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Dimethylphthalate [131-11-3] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Di-n-butylphthalate [84-74-2] ^	1.5	U	ug/L	1	1.5	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Di-n-octylphthalate [117-84-0] ^	3.1	U	ug/L	1	3.1	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Fluoranthene [206-44-0] ^	2.1	U	ug/L	1	2.1	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Fluorene [86-73-7] ^	1.7	U	ug/L	1	1.7	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Hexachlorobenzene [118-74-1] ^	1.0	U	ug/L	1	1.0	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Hexachlorobutadiene [87-68-3] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Hexachloroethane [67-72-1] ^	1.1	U	ug/L	1	1.1	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	2.2	U	ug/L	1	2.2	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Isophorone [78-59-1] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Naphthalene [91-20-3] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Nitrobenzene [98-95-3] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 20:04	DFM	

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Description: MW2
Matrix: Ground Water
Project: Point Harbor Site

Lab Sample ID: C105544-02
Sampled: 05/12/11 09:45
Sampled By: Mike Sabodish

Received: 05/12/11 13:34
Work Order: C105544

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
N-Nitrosodimethylamine [62-75-9] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:04	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	1.5	U	ug/L	1	1.5	10	1E13001	EPA 625	05/13/11 20:04	DFM	
N-Nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	2.1	U	ug/L	1	2.1	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Pentachlorophenol [87-86-5] ^	1.8	U	ug/L	1	1.8	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Phenanthrene [85-01-8] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Phenol [108-95-2] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Pyrene [129-00-0] ^	2.1	U	ug/L	1	2.1	10	1E13001	EPA 625	05/13/11 20:04	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*85*	*1*	*100*	*85 %*	*18-157*	*1E13001*	*EPA 625*	*05/13/11 20:04*	*DFM*	
2-Fluorobiphenyl	*42*	*1*	*50.0*	*85 %*	*15-139*	*1E13001*	*EPA 625*	*05/13/11 20:04*	*DFM*	
2-Fluorophenol	*55*	*1*	*100*	*55 %*	*10-104*	*1E13001*	*EPA 625*	*05/13/11 20:04*	*DFM*	
Nitrobenzene-d5	*39*	*1*	*50.0*	*79 %*	*16-140*	*1E13001*	*EPA 625*	*05/13/11 20:04*	*DFM*	
Phenol-d5	*47*	*1*	*100*	*47 %*	*10-83*	*1E13001*	*EPA 625*	*05/13/11 20:04*	*DFM*	
Terphenyl-d14	*46*	*1*	*50.0*	*92 %*	*23-164*	*1E13001*	*EPA 625*	*05/13/11 20:04*	*DFM*	

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Description: MW2
Matrix: Ground Water
Project: Point Harbor Site

Lab Sample ID: C105544-02
Sampled: 05/12/11 09:45
Sampled By: Mike Sabodish

Received: 05/12/11 13:34
Work Order: C105544

Tentatively Identified Compounds by Semivolatile GCMS

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Unknown [NA]	**5.1**	JB	ug/L	1			1E13001	EPA 625	05/13/11 20:04	DFM	B

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Description: MW2
Matrix: Ground Water
Project: Point Harbor Site

Lab Sample ID: C105544-02
Sampled: 05/12/11 09:45
Sampled By: Mike Sabodish

Received: 05/12/11 13:34
Work Order: C105544

Metals (acid extractable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	1.82	J	ug/L	1	1.00	10.0	1E13006	EPA 6010C	05/16/11 12:25	JDH	
Lead [7439-92-1] ^	3.83	J	ug/L	1	1.90	10.0	1E13006	EPA 6010C	05/16/11 12:25	JDH	

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Description: MW2
Matrix: Ground Water
Project: Point Harbor Site

Lab Sample ID: C105544-02
Sampled: 05/12/11 09:45
Sampled By: Mike Sabodish

Received: 05/12/11 13:34
Work Order: C105544

Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM-SGT) Non-Polar Material [ECL-0104] ^	**3.93**	J	mg/L	1	3.00	5.00	1E18005	EPA 1664A	05/19/11 14:09	MJF	

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Description: MW3 | **Lab Sample ID:** C105544-03 | **Received:** 05/12/11 13:34

Matrix: Ground Water | **Sampled:** 05/12/11 10:30 | **Work Order:** C105544

Project: Point Harbor Site | **Sampled By:** Mike Sabodish

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 20:30	DFM	
1,2-Dichlorobenzene [95-50-1] ^	1.1	U	ug/L	1	1.1	10	1E13001	EPA 625	05/13/11 20:30	DFM	
1,3-Dichlorobenzene [541-73-1] ^	1.1	U	ug/L	1	1.1	10	1E13001	EPA 625	05/13/11 20:30	DFM	
1,4-Dichlorobenzene [106-46-7] ^	1.0	U	ug/L	1	1.0	10	1E13001	EPA 625	05/13/11 20:30	DFM	
1-Methylnaphthalene [90-12-0] ^	1.7	U	ug/L	1	1.7	10	1E13001	EPA 625	05/13/11 20:30	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	1.1	U	ug/L	1	1.1	10	1E13001	EPA 625	05/13/11 20:30	DFM	
2,4-Dichlorophenol [120-83-2] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 20:30	DFM	
2,4-Dimethylphenol [105-67-9] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:30	DFM	
2,4-Dinitrophenol [51-28-5] ^	2.6	U	ug/L	1	2.6	10	1E13001	EPA 625	05/13/11 20:30	DFM	
2,4-Dinitrotoluene [121-14-2] ^	2.4	U	ug/L	1	2.4	10	1E13001	EPA 625	05/13/11 20:30	DFM	
2,6-Dinitrotoluene [606-20-2] ^	1.5	U	ug/L	1	1.5	10	1E13001	EPA 625	05/13/11 20:30	DFM	
2-Chloronaphthalene [91-58-7] ^	1.0	U	ug/L	1	1.0	10	1E13001	EPA 625	05/13/11 20:30	DFM	
2-Chlorophenol [95-57-8] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 20:30	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	2.9	U	ug/L	1	2.9	10	1E13001	EPA 625	05/13/11 20:30	DFM	
2-Methylnaphthalene [91-57-6] ^	1.5	U	ug/L	1	1.5	10	1E13001	EPA 625	05/13/11 20:30	DFM	
2-Nitrophenol [88-75-5] ^	1.1	U	ug/L	1	1.1	10	1E13001	EPA 625	05/13/11 20:30	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	3.3	U	ug/L	1	3.3	10	1E13001	EPA 625	05/13/11 20:30	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	1.0	U	ug/L	1	1.0	10	1E13001	EPA 625	05/13/11 20:30	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	1.5	U	ug/L	1	1.5	10	1E13001	EPA 625	05/13/11 20:30	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	1.6	U	ug/L	1	1.6	10	1E13001	EPA 625	05/13/11 20:30	DFM	
4-Nitrophenol [100-02-7] ^	2.0	U	ug/L	1	2.0	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Acenaphthene [83-32-9] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Acenaphthylene [208-96-8] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Anthracene [120-12-7] ^	1.6	U	ug/L	1	1.6	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Benzidine [92-87-5] ^	1.6	U	ug/L	1	1.6	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Benzo(a)anthracene [56-55-3] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Benzo(a)pyrene [50-32-8] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Benzo(b)fluoranthene [205-99-2] ^	1.0	U	ug/L	1	1.0	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	2.4	U	ug/L	1	2.4	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Benzo(k)fluoranthene [207-08-9] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	1.7	U	ug/L	1	1.7	5.0	1E13001	EPA 625	05/13/11 20:30	DFM	
Butylbenzylphthalate [85-68-7] ^	2.0	U	ug/L	1	2.0	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Chrysene [218-01-9] ^	2.0	U	ug/L	1	2.0	10	1E13001	EPA 625	05/13/11 20:30	DFM	QV-02
Dibenzo(a,h)anthracene [53-70-3] ^	2.3	U	ug/L	1	2.3	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Diethylphthalate [84-66-2] ^	2.1	U	ug/L	1	2.1	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Dimethylphthalate [131-11-3] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Di-n-butylphthalate [84-74-2] ^	1.5	U	ug/L	1	1.5	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Di-n-octylphthalate [117-84-0] ^	3.1	U	ug/L	1	3.1	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Fluoranthene [206-44-0] ^	2.1	U	ug/L	1	2.1	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Fluorene [86-73-7] ^	1.7	U	ug/L	1	1.7	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Hexachlorobenzene [118-74-1] ^	1.0	U	ug/L	1	1.0	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Hexachlorobutadiene [87-68-3] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Hexachloroethane [67-72-1] ^	1.1	U	ug/L	1	1.1	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	2.2	U	ug/L	1	2.2	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Isophorone [78-59-1] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Naphthalene [91-20-3] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Nitrobenzene [98-95-3] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 20:30	DFM	

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Description: MW3
Matrix: Ground Water
Project: Point Harbor Site

Lab Sample ID: C105544-03
Sampled: 05/12/11 10:30
Sampled By: Mike Sabodish

Received: 05/12/11 13:34
Work Order: C105544

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
N-Nitrosodimethylamine [62-75-9] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:30	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	1.5	U	ug/L	1	1.5	10	1E13001	EPA 625	05/13/11 20:30	DFM	
N-Nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	2.1	U	ug/L	1	2.1	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Pentachlorophenol [87-86-5] ^	1.8	U	ug/L	1	1.8	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Phenanthrene [85-01-8] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Phenol [108-95-2] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Pyrene [129-00-0] ^	2.1	U	ug/L	1	2.1	10	1E13001	EPA 625	05/13/11 20:30	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*79*	*1*	*100*	*79 %*	*18-157*	*1E13001*	*EPA 625*	*05/13/11 20:30*	*DFM*	
2-Fluorobiphenyl	*39*	*1*	*50.0*	*78 %*	*15-139*	*1E13001*	*EPA 625*	*05/13/11 20:30*	*DFM*	
2-Fluorophenol	*45*	*1*	*100*	*45 %*	*10-104*	*1E13001*	*EPA 625*	*05/13/11 20:30*	*DFM*	
Nitrobenzene-d5	*35*	*1*	*50.0*	*71 %*	*16-140*	*1E13001*	*EPA 625*	*05/13/11 20:30*	*DFM*	
Phenol-d5	*41*	*1*	*100*	*41 %*	*10-83*	*1E13001*	*EPA 625*	*05/13/11 20:30*	*DFM*	
Terphenyl-d14	*43*	*1*	*50.0*	*86 %*	*23-164*	*1E13001*	*EPA 625*	*05/13/11 20:30*	*DFM*	

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Description: MW3
Matrix: Ground Water
Project: Point Harbor Site

Lab Sample ID: C105544-03
Sampled: 05/12/11 10:30
Sampled By: Mike Sabodish

Received: 05/12/11 13:34
Work Order: C105544

Tentatively Identified Compounds by Semivolatile GCMS

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Benzoic acid, 2,4,5-trimeth... [000528-90-5]	11	J	ug/L	1			1E13001	EPA 625	05/13/11 20:30	DFM	
Benzoic acid, 2,4,6-trimethyl- [000480-63-7]	8.4	J	ug/L	1			1E13001	EPA 625	05/13/11 20:30	DFM	
Bicyclo[2.2.1]heptan-2-one,... [000464-48-2]	8.8	J	ug/L	1			1E13001	EPA 625	05/13/11 20:30	DFM	
Dodecanoic acid [000143-07-7]	7.0	J	ug/L	1			1E13001	EPA 625	05/13/11 20:30	DFM	
n-Hexadecanoic acid [000057-10-3]	5.0	J	ug/L	1			1E13001	EPA 625	05/13/11 20:30	DFM	
Phenol, 4-(1,1,3,3-tetramet... [000140-66-9]	6.7	J	ug/L	1			1E13001	EPA 625	05/13/11 20:30	DFM	
Unknown (01) [NA]	5.5	J	ug/L	1			1E13001	EPA 625	05/13/11 20:30	DFM	
Unknown (02) [NA]	5.2	J	ug/L	1			1E13001	EPA 625	05/13/11 20:30	DFM	
Unknown (03) [NA]	12	J	ug/L	1			1E13001	EPA 625	05/13/11 20:30	DFM	

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Description: MW3
Matrix: Ground Water
Project: Point Harbor Site

Lab Sample ID: C105544-03
Sampled: 05/12/11 10:30
Sampled By: Mike Sabodish

Received: 05/12/11 13:34
Work Order: C105544

Metals (acid extractable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	**8.17**	J	ug/L	1	1.00	10.0	1E13006	EPA 6010C	05/16/11 12:27	JDH	
Lead [7439-92-1] ^	**14.2**		ug/L	1	1.90	10.0	1E13006	EPA 6010C	05/16/11 12:27	JDH	

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Description: MW3
Matrix: Ground Water
Project: Point Harbor Site

Lab Sample ID: C105544-03
Sampled: 05/12/11 10:30
Sampled By: Mike Sabodish

Received: 05/12/11 13:34
Work Order: C105544

Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM-SGT) Non-Polar Material [ECL-0104] ^	3.00	U	mg/L	1	3.00	5.00	1E18005	EPA 1664A	05/19/11 14:09	MJF	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: MW4 | **Lab Sample ID:** C105544-04 | **Received:** 05/12/11 13:34

Matrix: Ground Water | **Sampled:** 05/12/11 11:18 | **Work Order:** C105544

Project: Point Harbor Site | **Sampled By:** Mike Sabodish

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 20:55	DFM	
1,2-Dichlorobenzene [95-50-1] ^	1.1	U	ug/L	1	1.1	10	1E13001	EPA 625	05/13/11 20:55	DFM	
1,3-Dichlorobenzene [541-73-1] ^	1.1	U	ug/L	1	1.1	10	1E13001	EPA 625	05/13/11 20:55	DFM	
1,4-Dichlorobenzene [106-46-7] ^	1.0	U	ug/L	1	1.0	10	1E13001	EPA 625	05/13/11 20:55	DFM	
1-Methylnaphthalene [90-12-0] ^	1.7	U	ug/L	1	1.7	10	1E13001	EPA 625	05/13/11 20:55	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	1.1	U	ug/L	1	1.1	10	1E13001	EPA 625	05/13/11 20:55	DFM	
2,4-Dichlorophenol [120-83-2] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 20:55	DFM	
2,4-Dimethylphenol [105-67-9] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:55	DFM	
2,4-Dinitrophenol [51-28-5] ^	2.6	U	ug/L	1	2.6	10	1E13001	EPA 625	05/13/11 20:55	DFM	
2,4-Dinitrotoluene [121-14-2] ^	2.4	U	ug/L	1	2.4	10	1E13001	EPA 625	05/13/11 20:55	DFM	
2,6-Dinitrotoluene [606-20-2] ^	1.5	U	ug/L	1	1.5	10	1E13001	EPA 625	05/13/11 20:55	DFM	
2-Chloronaphthalene [91-58-7] ^	1.0	U	ug/L	1	1.0	10	1E13001	EPA 625	05/13/11 20:55	DFM	
2-Chlorophenol [95-57-8] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 20:55	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	2.9	U	ug/L	1	2.9	10	1E13001	EPA 625	05/13/11 20:55	DFM	
2-Methylnaphthalene [91-57-6] ^	1.5	U	ug/L	1	1.5	10	1E13001	EPA 625	05/13/11 20:55	DFM	
2-Nitrophenol [88-75-5] ^	1.1	U	ug/L	1	1.1	10	1E13001	EPA 625	05/13/11 20:55	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	3.3	U	ug/L	1	3.3	10	1E13001	EPA 625	05/13/11 20:55	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	1.0	U	ug/L	1	1.0	10	1E13001	EPA 625	05/13/11 20:55	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	1.5	U	ug/L	1	1.5	10	1E13001	EPA 625	05/13/11 20:55	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	1.6	U	ug/L	1	1.6	10	1E13001	EPA 625	05/13/11 20:55	DFM	
4-Nitrophenol [100-02-7] ^	2.0	U	ug/L	1	2.0	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Acenaphthene [83-32-9] ^	**4.5**	J	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Acenaphthylene [208-96-8] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Anthracene [120-12-7] ^	1.6	U	ug/L	1	1.6	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Benzidine [92-87-5] ^	1.6	U	ug/L	1	1.6	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Benzo(a)anthracene [56-55-3] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Benzo(a)pyrene [50-32-8] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Benzo(b)fluoranthene [205-99-2] ^	1.0	U	ug/L	1	1.0	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	2.4	U	ug/L	1	2.4	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Benzo(k)fluoranthene [207-08-9] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	1.7	U	ug/L	1	1.7	5.0	1E13001	EPA 625	05/13/11 20:55	DFM	
Butylbenzylphthalate [85-68-7] ^	2.0	U	ug/L	1	2.0	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Chrysene [218-01-9] ^	2.0	U	ug/L	1	2.0	10	1E13001	EPA 625	05/13/11 20:55	DFM	QV-02
Dibenzo(a,h)anthracene [53-70-3] ^	2.3	U	ug/L	1	2.3	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Diethylphthalate [84-66-2] ^	2.1	U	ug/L	1	2.1	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Dimethylphthalate [131-11-3] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Di-n-butylphthalate [84-74-2] ^	1.5	U	ug/L	1	1.5	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Di-n-octylphthalate [117-84-0] ^	3.1	U	ug/L	1	3.1	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Fluoranthene [206-44-0] ^	2.1	U	ug/L	1	2.1	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Fluorene [86-73-7] ^	1.7	U	ug/L	1	1.7	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Hexachlorobenzene [118-74-1] ^	1.0	U	ug/L	1	1.0	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Hexachlorobutadiene [87-68-3] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Hexachloroethane [67-72-1] ^	1.1	U	ug/L	1	1.1	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	2.2	U	ug/L	1	2.2	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Isophorone [78-59-1] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Naphthalene [91-20-3] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Nitrobenzene [98-95-3] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 20:55	DFM	

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Description: MW4
Matrix: Ground Water
Project: Point Harbor Site

Lab Sample ID: C105544-04
Sampled: 05/12/11 11:18
Sampled By: Mike Sabodish

Received: 05/12/11 13:34
Work Order: C105544

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
N-Nitrosodimethylamine [62-75-9] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:55	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	1.5	U	ug/L	1	1.5	10	1E13001	EPA 625	05/13/11 20:55	DFM	
N-Nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	2.1	U	ug/L	1	2.1	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Pentachlorophenol [87-86-5] ^	1.8	U	ug/L	1	1.8	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Phenanthrene [85-01-8] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Phenol [108-95-2] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Pyrene [129-00-0] ^	2.1	U	ug/L	1	2.1	10	1E13001	EPA 625	05/13/11 20:55	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*82*	*1*	*100*	*82 %*	*18-157*	*1E13001*	*EPA 625*	*05/13/11 20:55*	*DFM*	
2-Fluorobiphenyl	*37*	*1*	*50.0*	*73 %*	*15-139*	*1E13001*	*EPA 625*	*05/13/11 20:55*	*DFM*	
2-Fluorophenol	*44*	*1*	*100*	*44 %*	*10-104*	*1E13001*	*EPA 625*	*05/13/11 20:55*	*DFM*	
Nitrobenzene-d5	*34*	*1*	*50.0*	*68 %*	*16-140*	*1E13001*	*EPA 625*	*05/13/11 20:55*	*DFM*	
Phenol-d5	*40*	*1*	*100*	*40 %*	*10-83*	*1E13001*	*EPA 625*	*05/13/11 20:55*	*DFM*	
Terphenyl-d14	*42*	*1*	*50.0*	*85 %*	*23-164*	*1E13001*	*EPA 625*	*05/13/11 20:55*	*DFM*	

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Description: MW4
Matrix: Ground Water
Project: Point Harbor Site

Lab Sample ID: C105544-04
Sampled: 05/12/11 11:18
Sampled By: Mike Sabodish

Received: 05/12/11 13:34
Work Order: C105544

Tentatively Identified Compounds by Semivolatile GCMS

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Cyclic octaatomic sulfur [010544-50-0]	4.4	J	ug/L	1			1E13001	EPA 625	05/13/11 20:55	DFM	
Dodecanoic acid [000143-07-7]	14	J	ug/L	1			1E13001	EPA 625	05/13/11 20:55	DFM	
Unknown (01) [NA]	5.4	J	ug/L	1			1E13001	EPA 625	05/13/11 20:55	DFM	
Unknown (02) [NA]	8.3	JB	ug/L	1			1E13001	EPA 625	05/13/11 20:55	DFM	B
Unknown (03) [NA]	4.6	J	ug/L	1			1E13001	EPA 625	05/13/11 20:55	DFM	

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Description: MW4
Matrix: Ground Water
Project: Point Harbor Site

Lab Sample ID: C105544-04
Sampled: 05/12/11 11:18
Sampled By: Mike Sabodish

Received: 05/12/11 13:34
Work Order: C105544

Metals (acid extractable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	**20.9**		ug/L	1	1.00	10.0	1E13006	EPA 6010C	05/16/11 12:29	JDH	
Lead [7439-92-1] ^	**103**		ug/L	1	1.90	10.0	1E13006	EPA 6010C	05/16/11 12:29	JDH	

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Description: MW4
Matrix: Ground Water
Project: Point Harbor Site

Lab Sample ID: C105544-04
Sampled: 05/12/11 11:18
Sampled By: Mike Sabodish

Received: 05/12/11 13:34
Work Order: C105544

Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM-SGT) Non-Polar Material [ECL-0104] ^	**3.68**	J	mg/L	1	3.00	5.00	1E18005	EPA 1664A	05/19/11 14:09	MJF	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 1E13001 - EPA 3510C_MS

Blank (1E13001-BLK1) Prepared: 05/13/2011 04:01 Analyzed: 05/13/2011 15:50

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.2	U	10	ug/L							
1,2-Dichlorobenzene	1.1	U	10	ug/L							
1,3-Dichlorobenzene	1.1	U	10	ug/L							
1,4-Dichlorobenzene	1.0	U	10	ug/L							
1-Methylnaphthalene	1.7	U	10	ug/L							
2,4,6-Trichlorophenol	1.1	U	10	ug/L							
2,4-Dichlorophenol	1.4	U	10	ug/L							
2,4-Dimethylphenol	1.3	U	10	ug/L							
2,4-Dinitrophenol	2.6	U	10	ug/L							
2,4-Dinitrotoluene	2.4	U	10	ug/L							
2,6-Dinitrotoluene	1.5	U	10	ug/L							
2-Chloronaphthalene	1.0	U	10	ug/L							
2-Chlorophenol	1.2	U	10	ug/L							
2-Methyl-4,6-dinitrophenol	2.9	U	10	ug/L							
2-Methylnaphthalene	1.5	U	10	ug/L							
2-Nitrophenol	1.1	U	10	ug/L							
3,3'-Dichlorobenzidine	3.3	U	10	ug/L							
4-Bromophenyl-phenylether	1.0	U	10	ug/L							
4-Chloro-3-methylphenol	1.5	U	10	ug/L							
4-Chlorophenyl-phenylether	1.6	U	10	ug/L							
4-Nitrophenol	2.0	U	10	ug/L							
Acenaphthene	1.4	U	10	ug/L							
Acenaphthylene	1.2	U	10	ug/L							
Anthracene	1.6	U	10	ug/L							
Benzidine	1.6	U	10	ug/L							
Benzo(a)anthracene	1.3	U	10	ug/L							
Benzo(a)pyrene	1.3	U	10	ug/L							
Benzo(b)fluoranthene	1.0	U	10	ug/L							
Benzo(g,h,i)perylene	2.4	U	10	ug/L							
Benzo(k)fluoranthene	1.3	U	10	ug/L							
Bis(2-chloroethoxy)methane	1.4	U	10	ug/L							
Bis(2-chloroethyl)ether	1.2	U	10	ug/L							
Bis(2-chloroisopropyl)ether	1.3	U	10	ug/L							
Bis(2-ethylhexyl)phthalate	1.7	U	5.0	ug/L							
Butylbenzylphthalate	2.0	U	10	ug/L							
Chrysene	2.0	U	10	ug/L							QV-02
Dibenzo(a,h)anthracene	2.3	U	10	ug/L							
Diethylphthalate	2.1	U	10	ug/L							
Dimethylphthalate	1.4	U	10	ug/L							
Di-n-butylphthalate	1.5	U	10	ug/L							
Di-n-octylphthalate	3.1	U	10	ug/L							
Fluoranthene	2.1	U	10	ug/L							
Fluorene	1.7	U	10	ug/L							
Hexachlorobenzene	1.0	U	10	ug/L							
Hexachlorobutadiene	1.2	U	10	ug/L							
Hexachlorocyclopentadiene	1.3	U	10	ug/L							
Hexachloroethane	1.1	U	10	ug/L							
Indeno(1,2,3-cd)pyrene	2.2	U	10	ug/L							
Isophorone	1.3	U	10	ug/L							

QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 1E13001 - EPA 3510C_MS

Blank (1E13001-BLK1) Continued Prepared: 05/13/2011 04:01 Analyzed: 05/13/2011 15:50

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Naphthalene	1.3	U	10	ug/L							
Nitrobenzene	1.2	U	10	ug/L							
N-Nitrosodimethylamine	1.3	U	10	ug/L							
N-Nitroso-di-n-propylamine	1.5	U	10	ug/L							
N-Nitrosodiphenylamine/Diphenylamine	2.1	U	10	ug/L							
Pentachlorophenol	1.8	U	10	ug/L							
Phenanthrene	1.4	U	10	ug/L							
Phenol	1.4	U	10	ug/L							
Pyrene	2.1	U	10	ug/L							
Surrogate: 2,4,6-Tribromophenol	*76*			*ug/L*	*100*		*76*	*18-157*			
Surrogate: 2-Fluorobiphenyl	*38*			*ug/L*	*50.0*		*76*	*15-139*			
Surrogate: 2-Fluorophenol	*51*			*ug/L*	*100*		*51*	*10-104*			
Surrogate: Nitrobenzene-d5	*36*			*ug/L*	*50.0*		*72*	*16-140*			
Surrogate: Phenol-d5	*45*			*ug/L*	*100*		*45*	*10-83*			
Surrogate: Terphenyl-d14	*45*			*ug/L*	*50.0*		*91*	*23-164*			

LCS (1E13001-BS1) Prepared: 05/13/2011 04:01 Analyzed: 05/13/2011 16:15

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	35		10	ug/L	50.0		69	24-97			
1,4-Dichlorobenzene	32		10	ug/L	50.0		64	22-90			
2,4-Dinitrotoluene	46		10	ug/L	50.0		93	74-125			
2-Chlorophenol	37		10	ug/L	50.0		74	47-109			
4-Chloro-3-methylphenol	44		10	ug/L	50.0		87	64-120			
4-Nitrophenol	34		10	ug/L	50.0		68	37-88			
Acenaphthene	40		10	ug/L	50.0		81	51-118			
N-Nitroso-di-n-propylamine	43		10	ug/L	50.0		85	53-133			
Pentachlorophenol	37		10	ug/L	50.0		74	53-137			
Phenol	27		10	ug/L	50.0		54	23-75			
Pyrene	44		10	ug/L	50.0		88	73-129			
Surrogate: 2,4,6-Tribromophenol	*82*			*ug/L*	*100*		*82*	*18-157*			
Surrogate: 2-Fluorobiphenyl	*40*			*ug/L*	*50.0*		*80*	*15-139*			
Surrogate: 2-Fluorophenol	*57*			*ug/L*	*100*		*57*	*10-104*			
Surrogate: Nitrobenzene-d5	*38*			*ug/L*	*50.0*		*76*	*16-140*			
Surrogate: Phenol-d5	*51*			*ug/L*	*100*		*51*	*10-83*			
Surrogate: Terphenyl-d14	*45*			*ug/L*	*50.0*		*89*	*23-164*			

Matrix Spike (1E13001-MS1) Prepared: 05/13/2011 04:01 Analyzed: 05/13/2011 16:41

Source: C105761-05

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	34		10	ug/L	50.0	1.2 U	68	24-97			
1,4-Dichlorobenzene	32		10	ug/L	50.0	1.0 U	64	22-90			
2,4-Dinitrotoluene	45		10	ug/L	50.0	2.4 U	90	74-125			
2-Chlorophenol	38		10	ug/L	50.0	1.2 U	76	47-109			
4-Chloro-3-methylphenol	44		10	ug/L	50.0	1.5 U	88	64-120			
4-Nitrophenol	32		10	ug/L	50.0	2.0 U	64	37-88			

QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 1E13001 - EPA 3510C_MS

Matrix Spike (1E13001-MS1) Continued Prepared: 05/13/2011 04:01 Analyzed: 05/13/2011 16:41

Source: C105761-05

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Acenaphthene	39		10	ug/L	50.0	1.4 U	79	51-118			
N-Nitroso-di-n-propylamine	43		10	ug/L	50.0	1.5 U	85	53-133			
Pentachlorophenol	39		10	ug/L	50.0	1.8 U	78	53-137			
Phenol	26		10	ug/L	50.0	1.4 U	51	23-75			
Pyrene	44		10	ug/L	50.0	2.1 U	88	73-129			
Surrogate: 2,4,6-Tribromophenol	*82*			*ug/L*	*100*		*82*	*18-157*			
Surrogate: 2-Fluorobiphenyl	*41*			*ug/L*	*50.0*		*82*	*15-139*			
Surrogate: 2-Fluorophenol	*57*			*ug/L*	*100*		*57*	*10-104*			
Surrogate: Nitrobenzene-d5	*39*			*ug/L*	*50.0*		*79*	*16-140*			
Surrogate: Phenol-d5	*49*			*ug/L*	*100*		*49*	*10-83*			
Surrogate: Terphenyl-d14	*44*			*ug/L*	*50.0*		*88*	*23-164*			

Matrix Spike Dup (1E13001-MSD1) Prepared: 05/13/2011 04:01 Analyzed: 05/13/2011 17:06

Source: C105761-05

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	35		10	ug/L	50.0	1.2 U	71	24-97	4	30	
1,4-Dichlorobenzene	33		10	ug/L	50.0	1.0 U	65	22-90	2	29	
2,4-Dinitrotoluene	44		10	ug/L	50.0	2.4 U	89	74-125	1	11	
2-Chlorophenol	36		10	ug/L	50.0	1.2 U	72	47-109	6	24	
4-Chloro-3-methylphenol	43		10	ug/L	50.0	1.5 U	87	64-120	1	11	
4-Nitrophenol	29		10	ug/L	50.0	2.0 U	58	37-88	11	21	
Acenaphthene	39		10	ug/L	50.0	1.4 U	79	51-118	0.3	13	
N-Nitroso-di-n-propylamine	42		10	ug/L	50.0	1.5 U	84	53-133	2	35	
Pentachlorophenol	39		10	ug/L	50.0	1.8 U	78	53-137	0.4	10	
Phenol	24		10	ug/L	50.0	1.4 U	49	23-75	5	29	
Pyrene	43		10	ug/L	50.0	2.1 U	87	73-129	1	15	
Surrogate: 2,4,6-Tribromophenol	*79*			*ug/L*	*100*		*79*	*18-157*			
Surrogate: 2-Fluorobiphenyl	*40*			*ug/L*	*50.0*		*81*	*15-139*			
Surrogate: 2-Fluorophenol	*53*			*ug/L*	*100*		*53*	*10-104*			
Surrogate: Nitrobenzene-d5	*38*			*ug/L*	*50.0*		*75*	*16-140*			
Surrogate: Phenol-d5	*46*			*ug/L*	*100*		*46*	*10-83*			
Surrogate: Terphenyl-d14	*43*			*ug/L*	*50.0*		*87*	*23-164*			

Tentatively Identified Compounds by Semivolatile GCMS - Quality Control

Batch 1E13001 - EPA 3510C_MS

Blank (1E13001-BLK1) Prepared: 05/13/2011 04:01 Analyzed: 05/13/2011 15:50

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phenol, 2-fluoro- $$ Phenol...	**5.2**	**J**		ug/L							
Unknown	**5.4**	**J**		ug/L							

Metals (acid extractable) by EPA 6000/7000 Series Methods - Quality Control

Batch 1E13006 - SM18 3030C

QUALITY CONTROL

Metals (acid extractable) by EPA 6000/7000 Series Methods - Quality Control

Blank (1E13006-BLK1) Prepared: 05/13/2011 08:38 Analyzed: 05/16/2011 12:04

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chromium	1.00	U	10.0	ug/L							
Lead	1.90	U	10.0	ug/L							

LCS (1E13006-BS1) Prepared: 05/13/2011 08:38 Analyzed: 05/16/2011 12:06

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chromium	540		10.0	ug/L	500		108	80-120			
Lead	540		10.0	ug/L	500		108	80-120			

Matrix Spike (1E13006-MS1) Prepared: 05/13/2011 08:38 Analyzed: 05/16/2011 12:11

Source: C105544-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chromium	555		10.0	ug/L	500	38.4	103	75-125			
Lead	544		10.0	ug/L	500	30.3	103	75-125			

Matrix Spike Dup (1E13006-MSD1) Prepared: 05/13/2011 08:38 Analyzed: 05/16/2011 12:12

Source: C105544-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chromium	566		10.0	ug/L	500	38.4	105	75-125	2	20	
Lead	566		10.0	ug/L	500	30.3	107	75-125	4	20	

Post Spike (1E13006-PS1) Prepared: 05/13/2011 08:38 Analyzed: 05/16/2011 12:14

Source: C105544-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chromium	1.02		0.0100	mg/L	1.00	0.0384	99	80-120			
Lead	1.01		0.00935	mg/L	1.00	0.0303	98	80-120			

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 1E18005 - EPA 1664A

Blank (1E18005-BLK1) Prepared: 05/18/2011 13:47 Analyzed: 05/19/2011 14:09

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Oil & Grease (HEM-SGT) Non-Polar Material	3.00	U	5.00	mg/L							

LCS (1E18005-BS1) Prepared: 05/18/2011 13:47 Analyzed: 05/19/2011 14:09

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Oil & Grease (HEM-SGT) Non-Polar Material	19.1		5.00	mg/L	20.4		94	64-132			

Matrix Spike (1E18005-MS1) Prepared: 05/18/2011 13:47 Analyzed: 05/19/2011 14:09

Source: B102317-01

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 1E18005 - EPA 1664A

Matrix Spike (1E18005-MS1) Continued Prepared: 05/18/2011 13:47 Analyzed: 05/19/2011 14:09

Source: B102317-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Oil & Grease (HEM-SGT) Non-Polar Material	21.1		5.00	mg/L	20.6	3.00 U	102	64-132			

Matrix Spike Dup (1E18005-MSD1) Prepared: 05/18/2011 13:47 Analyzed: 05/19/2011 14:09

Source: B102317-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Oil & Grease (HEM-SGT) Non-Polar Material	19.6		5.00	mg/L	20.8	3.00 U	94	64-132	8	34	

FLAGS/NOTES AND DEFINITIONS

B	The analyte was detected in the associated method blank.
D	The sample was analyzed at dilution.
J	The reported value is between the laboratory method detection limit (MDL) and the laboratory method reporting limit (MRL), adjusted for actual sample preparation data and moisture content, where applicable.
U	The analyte was analyzed for but not detected to the level shown, adjusted for actual sample preparation data and moisture content, where applicable.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
MRL	Method Reporting Limit. The MRL is roughly equivalent to the practical quantitation limit (PQL) and is based on the low point of the calibration curve, when applicable, sample preparation factor, dilution factor, and, in the case of soil samples, moisture content.
QV-02	The associated continuing calibration verification standard exhibited low bias; the reported result should be considered to be a minimum estimate.

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

10775 Central Port Dr. Orlando, FL 32824 (407) 826-5314 Fax (407) 850-6945
4810 Executive Park Court, Suite 211 Jacksonville, FL 32216-6069 (904) 296-3007 Fax (904) 296-6210
102-A Woodwards Industrial Ct. Cary, NC 27511 (919) 467-3090 Fax (919) 467-3515
www.encolabs.com

Client Name: Froehling and Robertson (FR004)	Project Number: 66M-0200 - 0001
Address: 310 Hubert Street	Project Name/Date: Point Harbor Site
City/ST/Zip: Raleigh, NC 27603	PO # / Billing Info: 66M-0200-0001-00002
Tel: (919) 828-3441 Fax: (919) 828-5751	Reporting Contact: ~~Seth Stott~~ Mike Sabodish
Sampler(s) Name/Affiliation (Print): ~~Seth Stott~~ Mike Sabodish	Billing Contact: Mike Sabodish
Sampler(s) Signature: [signature]	Site Location / Time Zone: Wilmington / EST

Requested Turnaround Times: Note: Rush requests subject to acceptance by the facility. X Standard ___ Expedited Due __/__/__

Lab Workorder: C105544

Requested Analyses: 625,625 TICs; Cr,Pb (3030C); O&G 1664A SGT w/silica Gel

Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	625,625 TICs	Cr,Pb (3030C)	O&G 1664A SGT w/silica Gel								Sample Comments
	MW1	5/12/11	8:58A	G	GW	4	X	X	X								
	MW2	↓	9:45A	↓	GW	4	X	X	X								
	MW3	↓	10:30A	↓	GW	4	X	X	X								
	MW4	↓	11:18A	↓	GW	4	X	X	X								
						16	<-- Total # of Containers										

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
JGT	5/6/11	[signature]	5/12/11	[signature]	5/12/11 1334
Comments/Special Reporting Requirements:		Relinquished By	Date/Time	Received By	Date/Time
		Relinquished By	Date/Time	Received By	Date/Time

Cooler #'s & Temps on Receipt: C-345 1.9°C C-811 1.8°C

Condition Upon Receipt: ✓ Acceptable ___ Unacceptable

Matrix: GW-Groundwater SO-Soil DW-Drinking Water SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments) Preservation: H-HCl N-HNO3 S-H2SO4 NO-NaOH O-Other (detail in comments)

Note: All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreements exist

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ATTACHMENT C

COMPOSITE SOIL SAMPLE ANALYSES FROM SAMPLING ON 11/11&12/11

Pace Analytical®
www.pacelabs.com

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Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: Harbor Pt 66MO200
Pace Project No.: 92106417

Charlotte Certification IDs

9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
South Carolina Drinking Water Cert. #: 99006003
Virginia Drinking Water Certification #: 00213
Connecticut Certification #: PH-0104
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Louisiana DHH Drinking Water # LA 100031
West Virginia Certification #: 357
Virginia/VELAP Certification #: 460144

Asheville Certification IDs

2225 Riverside Dr., Asheville, NC 28804
Florida/NELAP Certification #: E87648
Massachusetts Certification #: M-NC030
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Certification #: 99030001
Virginia Certification #: 00072
West Virginia Certification #: 356
Virgina/VELAP Certification #: 460147

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SAMPLE SUMMARY

Project: Harbor Pt 66MO200
Pace Project No.: 92106417

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92106417001	SS-1c	Solid	11/11/11 15:40	11/14/11 16:05
92106417002	SS-29c	Solid	11/11/11 16:40	11/14/11 16:05
92106417003	SS-8c	Solid	11/12/11 11:30	11/14/11 16:05
92106417004	SS-11c	Solid	11/12/11 12:15	11/14/11 16:05
92106417005	SS-29c	Solid	11/11/11 16:40	11/14/11 16:05
92106417006	SS-8c	Solid	11/12/11 11:30	11/14/11 16:05
92106417007	SS-11c	Solid	11/12/11 12:15	11/14/11 16:05

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SAMPLE ANALYTE COUNT

Project: Harbor Pt 66MO200
Pace Project No.: 92106417

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92106417001	SS-1c	EPA 6010	JMW	2	PASI-A
		EPA 8270	BPJ	18	PASI-C
		EPA 8260	DLK	15	PASI-C
92106417002	SS-29c	EPA 6010	JMW	1	PASI-A
		EPA 8270	BPJ	18	PASI-C
92106417003	SS-8c	EPA 6010	JMW	1	PASI-A
		EPA 8270	BPJ	18	PASI-C
92106417004	SS-11c	EPA 6010	JMW	1	PASI-A

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ANALYTICAL RESULTS

Project: Harbor Pt 66MO200
Pace Project No.: 92106417

Sample: SS-1c **Lab ID: 92106417001** Collected: 11/11/11 15:40 Received: 11/14/11 16:05 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, TCLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
	Leachate Method/Date: EPA 1311; 11/16/11 16:45								
Chromium	ND	mg/L	0.025	0.0020	1	11/17/11 12:05	11/18/11 18:09	7440-47-3	
Lead	ND	mg/L	0.025	0.020	1	11/17/11 12:05	11/18/11 18:09	7439-92-1	
8270 MSSV TCLP Sep Funnel	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
	Leachate Method/Date: EPA 1311; 11/15/11 14:40								
1,4-Dichlorobenzene	ND	ug/L	50.0	50.0	1	11/16/11 09:00	11/17/11 20:31	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	50.0	50.0	1	11/16/11 09:00	11/17/11 20:31	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	50.0	50.0	1	11/16/11 09:00	11/17/11 20:31	87-68-3	
Hexachlorobenzene	ND	ug/L	50.0	50.0	1	11/16/11 09:00	11/17/11 20:31	118-74-1	
Hexachloroethane	ND	ug/L	50.0	50.0	1	11/16/11 09:00	11/17/11 20:31	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	50.0	50.0	1	11/16/11 09:00	11/17/11 20:31	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	50.0	50.0	1	11/16/11 09:00	11/17/11 20:31		
Nitrobenzene	ND	ug/L	50.0	50.0	1	11/16/11 09:00	11/17/11 20:31	98-95-3	
Pentachlorophenol	ND	ug/L	100	100	1	11/16/11 09:00	11/17/11 20:31	87-86-5	
Pyridine	ND	ug/L	50.0	50.0	1	11/16/11 09:00	11/17/11 20:31	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	50.0	50.0	1	11/16/11 09:00	11/17/11 20:31	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	50.0	50.0	1	11/16/11 09:00	11/17/11 20:31	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	66	%	12-102		1	11/16/11 09:00	11/17/11 20:31	4165-60-0	
2-Fluorobiphenyl (S)	68	%	13-107		1	11/16/11 09:00	11/17/11 20:31	321-60-8	
Terphenyl-d14 (S)	79	%	21-132		1	11/16/11 09:00	11/17/11 20:31	1718-51-0	
Phenol-d6 (S)	28	%	10-110		1	11/16/11 09:00	11/17/11 20:31	13127-88-3	
2-Fluorophenol (S)	40	%	10-110		1	11/16/11 09:00	11/17/11 20:31	367-12-4	
2,4,6-Tribromophenol (S)	72	%	27-108		1	11/16/11 09:00	11/17/11 20:31	118-79-6	
8260 MSV TCLP	Analytical Method: EPA 8260								
Benzene	ND	ug/L	190	45.6	38		11/21/11 20:38	71-43-2	
2-Butanone (MEK)	ND	ug/L	380	106	38		11/21/11 20:38	78-93-3	
Carbon tetrachloride	ND	ug/L	190	103	38		11/21/11 20:38	56-23-5	
Chlorobenzene	ND	ug/L	190	38.0	38		11/21/11 20:38	108-90-7	
Chloroform	ND	ug/L	190	76.0	38		11/21/11 20:38	67-66-3	
1,4-Dichlorobenzene	ND	ug/L	190	45.6	38		11/21/11 20:38	106-46-7	
1,2-Dichloroethane	ND	ug/L	190	49.4	38		11/21/11 20:38	107-06-2	
1,1-Dichloroethene	ND	ug/L	190	129	38		11/21/11 20:38	75-35-4	
Tetrachloroethene	ND	ug/L	190	72.2	38		11/21/11 20:38	127-18-4	
Trichloroethene	ND	ug/L	190	38.0	38		11/21/11 20:38	79-01-6	
Vinyl chloride	ND	ug/L	190	72.2	38		11/21/11 20:38	75-01-4	
Surrogates									
1,2-Dichloroethane-d4 (S)	90	%	70-130		38		11/21/11 20:38	17060-07-0	1g
Toluene-d8 (S)	107	%	67-135		38		11/21/11 20:38	2037-26-5	
4-Bromofluorobenzene (S)	91	%	70-130		38		11/21/11 20:38	460-00-4	
Dibromofluoromethane (S)	101	%	70-130		38		11/21/11 20:38	1868-53-7	

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ANALYTICAL RESULTS

Project: Harbor Pt 66MO200
Pace Project No.: 92106417

Sample: SS-29c **Lab ID: 92106417002** Collected: 11/11/11 16:40 Received: 11/14/11 16:05 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, TCLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
	Leachate Method/Date: EPA 1311; 11/16/11 16:45								
Chromium	ND	mg/L	0.025	0.0020	1	11/17/11 12:05	11/18/11 18:12	7440-47-3	
8270 MSSV TCLP Sep Funnel	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
	Leachate Method/Date: EPA 1311; 11/15/11 14:40								
1,4-Dichlorobenzene	ND	ug/L	50.0	50.0	1	11/16/11 09:00	11/17/11 20:59	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	50.0	50.0	1	11/16/11 09:00	11/17/11 20:59	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	50.0	50.0	1	11/16/11 09:00	11/17/11 20:59	87-68-3	
Hexachlorobenzene	ND	ug/L	50.0	50.0	1	11/16/11 09:00	11/17/11 20:59	118-74-1	
Hexachloroethane	ND	ug/L	50.0	50.0	1	11/16/11 09:00	11/17/11 20:59	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	50.0	50.0	1	11/16/11 09:00	11/17/11 20:59	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	50.0	50.0	1	11/16/11 09:00	11/17/11 20:59		
Nitrobenzene	ND	ug/L	50.0	50.0	1	11/16/11 09:00	11/17/11 20:59	98-95-3	
Pentachlorophenol	ND	ug/L	100	100	1	11/16/11 09:00	11/17/11 20:59	87-86-5	
Pyridine	ND	ug/L	50.0	50.0	1	11/16/11 09:00	11/17/11 20:59	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	50.0	50.0	1	11/16/11 09:00	11/17/11 20:59	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	50.0	50.0	1	11/16/11 09:00	11/17/11 20:59	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	64	%	12-102		1	11/16/11 09:00	11/17/11 20:59	4165-60-0	
2-Fluorobiphenyl (S)	75	%	13-107		1	11/16/11 09:00	11/17/11 20:59	321-60-8	
Terphenyl-d14 (S)	67	%	21-132		1	11/16/11 09:00	11/17/11 20:59	1718-51-0	
Phenol-d6 (S)	20	%	10-110		1	11/16/11 09:00	11/17/11 20:59	13127-88-3	
2-Fluorophenol (S)	34	%	10-110		1	11/16/11 09:00	11/17/11 20:59	367-12-4	
2,4,6-Tribromophenol (S)	63	%	27-108		1	11/16/11 09:00	11/17/11 20:59	118-79-6	

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ANALYTICAL RESULTS

Project: Harbor Pt 66MO200
Pace Project No.: 92106417

Sample: SS-8c **Lab ID: 92106417003** Collected: 11/12/11 11:30 Received: 11/14/11 16:05 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, TCLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
	Leachate Method/Date: EPA 1311; 11/16/11 16:45								
Chromium	ND	mg/L	0.025	0.0020	1	11/17/11 12:05	11/18/11 18:19	7440-47-3	
8270 MSSV TCLP Sep Funnel	Analytical Method: EPA 8270 Preparation Method: EPA 3510								
	Leachate Method/Date: EPA 1311; 11/15/11 14:40								
1,4-Dichlorobenzene	ND	ug/L	50.0	50.0	1	11/16/11 09:00	11/18/11 11:48	106-46-7	
2,4-Dinitrotoluene	ND	ug/L	50.0	50.0	1	11/16/11 09:00	11/18/11 11:48	121-14-2	
Hexachloro-1,3-butadiene	ND	ug/L	50.0	50.0	1	11/16/11 09:00	11/18/11 11:48	87-68-3	
Hexachlorobenzene	ND	ug/L	50.0	50.0	1	11/16/11 09:00	11/18/11 11:48	118-74-1	
Hexachloroethane	ND	ug/L	50.0	50.0	1	11/16/11 09:00	11/18/11 11:48	67-72-1	
2-Methylphenol(o-Cresol)	ND	ug/L	50.0	50.0	1	11/16/11 09:00	11/18/11 11:48	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/L	50.0	50.0	1	11/16/11 09:00	11/18/11 11:48		
Nitrobenzene	ND	ug/L	50.0	50.0	1	11/16/11 09:00	11/18/11 11:48	98-95-3	
Pentachlorophenol	ND	ug/L	100	100	1	11/16/11 09:00	11/18/11 11:48	87-86-5	
Pyridine	ND	ug/L	50.0	50.0	1	11/16/11 09:00	11/18/11 11:48	110-86-1	
2,4,5-Trichlorophenol	ND	ug/L	50.0	50.0	1	11/16/11 09:00	11/18/11 11:48	95-95-4	
2,4,6-Trichlorophenol	ND	ug/L	50.0	50.0	1	11/16/11 09:00	11/18/11 11:48	88-06-2	
Surrogates									
Nitrobenzene-d5 (S)	66	%	12-102		1	11/16/11 09:00	11/18/11 11:48	4165-60-0	
2-Fluorobiphenyl (S)	71	%	13-107		1	11/16/11 09:00	11/18/11 11:48	321-60-8	
Terphenyl-d14 (S)	77	%	21-132		1	11/16/11 09:00	11/18/11 11:48	1718-51-0	
Phenol-d6 (S)	28	%	10-110		1	11/16/11 09:00	11/18/11 11:48	13127-88-3	
2-Fluorophenol (S)	42	%	10-110		1	11/16/11 09:00	11/18/11 11:48	367-12-4	
2,4,6-Tribromophenol (S)	77	%	27-108		1	11/16/11 09:00	11/18/11 11:48	118-79-6	

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ANALYTICAL RESULTS

Project: Harbor Pt 66MO200
Pace Project No.: 92106417

Sample: SS-11c **Lab ID: 92106417004** Collected: 11/12/11 12:15 Received: 11/14/11 16:05 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP, TCLP	Analytical Method: EPA 6010 Preparation Method: EPA 3010								
	Leachate Method/Date: EPA 1311; 11/16/11 16:45								
Chromium	ND	mg/L	0.025	0.0020	1	11/17/11 12:05	11/18/11 18:22	7440-47-3	

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QUALITY CONTROL DATA

Project: Harbor Pt 66MO200
Pace Project No.: 92106417

QC Batch: MPRP/9419 Analysis Method: EPA 6010
QC Batch Method: EPA 3010 Analysis Description: 6010 MET TCLP
Associated Lab Samples: 92106417001, 92106417002, 92106417003, 92106417004

METHOD BLANK: 688851 Matrix: Water
Associated Lab Samples: 92106417001, 92106417002, 92106417003, 92106417004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chromium	mg/L	ND	0.025	11/18/11 18:02	
Lead	mg/L	ND	0.025	11/18/11 18:02	

LABORATORY CONTROL SAMPLE: 688852

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chromium	mg/L	2.5	2.6	102	80-120	
Lead	mg/L	2.5	2.3	94	80-120	

MATRIX SPIKE SAMPLE: 688854

Parameter	Units	92106567001 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chromium	mg/L	8.55J ug/L	2.5	2.5	101	75-125	
Lead	mg/L	29.6 ug/L	2.5	2.4	94	75-125	

SAMPLE DUPLICATE: 688853

Parameter	Units	92106417002 Result	Dup Result	RPD	Max RPD	Qualifiers
Chromium	mg/L	ND	ND		20	
Lead	mg/L	ND	ND		20	

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QUALITY CONTROL DATA

Project: Harbor Pt 66MO200
Pace Project No.: 92106417

QC Batch: MSV/17409
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV TCLP
Associated Lab Samples: 92106417001

METHOD BLANK: 690265
Matrix: Water
Associated Lab Samples: 92106417001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1-Dichloroethene	ug/L	ND	5.0	11/21/11 10:37	
1,2-Dichloroethane	ug/L	ND	5.0	11/21/11 10:37	
1,4-Dichlorobenzene	ug/L	ND	5.0	11/21/11 10:37	
2-Butanone (MEK)	ug/L	ND	10.0	11/21/11 10:37	
Benzene	ug/L	ND	5.0	11/21/11 10:37	
Carbon tetrachloride	ug/L	ND	5.0	11/21/11 10:37	
Chlorobenzene	ug/L	ND	5.0	11/21/11 10:37	
Chloroform	ug/L	ND	5.0	11/21/11 10:37	
Tetrachloroethene	ug/L	ND	5.0	11/21/11 10:37	
Trichloroethene	ug/L	ND	5.0	11/21/11 10:37	
Vinyl chloride	ug/L	ND	5.0	11/21/11 10:37	
1,2-Dichloroethane-d4 (S)	%	95	70-130	11/21/11 10:37	
4-Bromofluorobenzene (S)	%	92	70-130	11/21/11 10:37	
Dibromofluoromethane (S)	%	102	70-130	11/21/11 10:37	
Toluene-d8 (S)	%	106	67-135	11/21/11 10:37	

LABORATORY CONTROL SAMPLE: 690266

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	50	60.0	120	70-141	
1,2-Dichloroethane	ug/L	50	51.1	102	70-139	
1,4-Dichlorobenzene	ug/L	50	51.4	103	70-141	
2-Butanone (MEK)	ug/L	100	106	106	63-150	
Benzene	ug/L	50	57.3	115	70-132	
Carbon tetrachloride	ug/L	50	52.7	105	70-150	
Chlorobenzene	ug/L	50	53.2	106	70-134	
Chloroform	ug/L	50	51.0	102	70-130	
Tetrachloroethene	ug/L	50	48.2	96	70-137	
Trichloroethene	ug/L	50	55.2	110	70-131	
Vinyl chloride	ug/L	50	58.9	118	56-144	
1,2-Dichloroethane-d4 (S)	%			93	70-130	
4-Bromofluorobenzene (S)	%			104	70-130	
Dibromofluoromethane (S)	%			97	70-130	
Toluene-d8 (S)	%			104	67-135	

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QUALITY CONTROL DATA

Project: Harbor Pt 66MO200
Pace Project No.: 92106417

QC Batch: OEXT/15566 — Analysis Method: EPA 8270
QC Batch Method: EPA 3510 — Analysis Description: 8270 TCLP MSSV
Associated Lab Samples: 92106417001, 92106417002, 92106417003

METHOD BLANK: 687251 — Matrix: Water
Associated Lab Samples: 92106417001, 92106417002, 92106417003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,4-Dichlorobenzene	ug/L	ND	50.0	11/15/11 18:15	
2,4,5-Trichlorophenol	ug/L	ND	50.0	11/15/11 18:15	
2,4,6-Trichlorophenol	ug/L	ND	50.0	11/15/11 18:15	
2,4-Dinitrotoluene	ug/L	ND	50.0	11/15/11 18:15	
2-Methylphenol(o-Cresol)	ug/L	ND	50.0	11/15/11 18:15	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	50.0	11/15/11 18:15	
Hexachloro-1,3-butadiene	ug/L	ND	50.0	11/15/11 18:15	
Hexachlorobenzene	ug/L	ND	50.0	11/15/11 18:15	
Hexachloroethane	ug/L	ND	50.0	11/15/11 18:15	
Nitrobenzene	ug/L	ND	50.0	11/15/11 18:15	
Pentachlorophenol	ug/L	ND	100	11/15/11 18:15	
Pyridine	ug/L	ND	50.0	11/15/11 18:15	
2,4,6-Tribromophenol (S)	%	77	27-108	11/15/11 18:15	
2-Fluorobiphenyl (S)	%	71	13-107	11/15/11 18:15	
2-Fluorophenol (S)	%	40	10-110	11/15/11 18:15	
Nitrobenzene-d5 (S)	%	55	12-102	11/15/11 18:15	
Phenol-d6 (S)	%	26	10-110	11/15/11 18:15	
Terphenyl-d14 (S)	%	71	21-132	11/15/11 18:15	

LABORATORY CONTROL SAMPLE: 687252

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,4-Dichlorobenzene	ug/L	500	387	77	10-110	
2,4,5-Trichlorophenol	ug/L	500	296	59	39-108	
2,4,6-Trichlorophenol	ug/L	500	348	70	40-104	
2,4-Dinitrotoluene	ug/L	500	411	82	42-109	
2-Methylphenol(o-Cresol)	ug/L	500	271	54	31-110	
3&4-Methylphenol(m&p Cresol)	ug/L	500	243	49	30-110	
Hexachloro-1,3-butadiene	ug/L	500	345	69	10-110	
Hexachlorobenzene	ug/L	500	434	87	39-121	
Hexachloroethane	ug/L	500	342	68	10-110	
Nitrobenzene	ug/L	500	319	64	32-101	
Pentachlorophenol	ug/L	1000	276	28	18-108	
Pyridine	ug/L	500	184	37	10-110	
2,4,6-Tribromophenol (S)	%			82	27-108	
2-Fluorobiphenyl (S)	%			73	13-107	
2-Fluorophenol (S)	%			47	10-110	
Nitrobenzene-d5 (S)	%			58	12-102	
Phenol-d6 (S)	%			28	10-110	
Terphenyl-d14 (S)	%			76	21-132	

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL DATA

Project: Harbor Pt 66MO200
Pace Project No.: 92106417

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 687253 687254

Parameter	Units	92106354001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,4-Dichlorobenzene	ug/L	ND	500	500	411	394	82	79	30-150	4	30	
2,4,5-Trichlorophenol	ug/L	ND	500	500	293	359	59	72	30-150	20	30	
2,4,6-Trichlorophenol	ug/L	ND	500	500	342	425	68	85	30-150	22	30	
2,4-Dinitrotoluene	ug/L	ND	500	500	427	492	85	98	30-150	14	30	
2-Methylphenol(o-Cresol)	ug/L	ND	500	500	274	275	55	55	30-150	0	30	
3&4-Methylphenol(m&p Cresol)	ug/L	ND	500	500	254	255	51	51	30-150	0	30	
Hexachloro-1,3-butadiene	ug/L	ND	500	500	366	346	73	69	30-150	6	30	
Hexachlorobenzene	ug/L	ND	500	500	413	434	83	87	30-150	5	30	
Hexachloroethane	ug/L	ND	500	500	358	338	72	68	30-150	6	30	
Nitrobenzene	ug/L	ND	500	500	360	358	72	72	30-150	1	30	
Pentachlorophenol	ug/L	ND	1000	1000	843	652	84	65	30-150	26	30	
Pyridine	ug/L	ND	500	500	156	183	31	37	30-150	16	30	
2,4,6-Tribromophenol (S)	%						89	85	27-108			
2-Fluorobiphenyl (S)	%						63	80	13-107			
2-Fluorophenol (S)	%						44	45	10-110			
Nitrobenzene-d5 (S)	%						62	61	12-102			
Phenol-d6 (S)	%						28	26	10-110			
Terphenyl-d14 (S)	%						76	73	21-132			

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Pace Analytical Services, Inc.
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Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: Harbor Pt 66MO200
Pace Project No.: 92106417

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Acid preservation may not be appropriate for 2-Chloroethylvinyl ether, Styrene, and Vinyl chloride.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

LABORATORIES

PASI-A	Pace Analytical Services - Asheville
PASI-C	Pace Analytical Services - Charlotte

ANALYTE QUALIFIERS

1g	8260 results are from a total analysis which show that analytes are not present or that they are present but at such low levels that the appropriate regulatory levels could not possibly be exceeded, per Section 1.2 of Method 1311.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Harbor Pt 66MO200
Pace Project No.: 92106417

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92106417001	**SS-1c**	EPA 3010	MPRP/9419	EPA 6010	ICP/8709
92106417002	**SS-29c**	EPA 3010	MPRP/9419	EPA 6010	ICP/8709
92106417003	**SS-8c**	EPA 3010	MPRP/9419	EPA 6010	ICP/8709
92106417004	**SS-11c**	EPA 3010	MPRP/9419	EPA 6010	ICP/8709
92106417001	**SS-1c**	EPA 3510	OEXT/15566	EPA 8270	MSSV/5709
92106417002	**SS-29c**	EPA 3510	OEXT/15566	EPA 8270	MSSV/5709
92106417003	**SS-8c**	EPA 3510	OEXT/15566	EPA 8270	MSSV/5709
92106417001	**SS-1c**	EPA 8260	MSV/17409		

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 1

1508940

Section A Required Client Information:

Company: P+R
Address: 2505 Hutchinson Charlotte NC
Email To: mjmiretti@PandR.com
Phone: Fax:
Requested Due Date/TAT: 5 day

Section B Required Project Information:

Report To: Mike Miretti
Copy To: Mike Sabodich
Purchase Order No.: 66M0200-0003-00001
Project Name: Harbor Pt.
Project Number: 66M0200

Section C Invoice Information:

Attention:
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #: 4252-5

REGULATORY AGENCY: NCNR
☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☒ OTHER HSB

Site Location STATE: NC

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N) TCLP	8260	8270	Pb+Hg+Cr	CR	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92106417
1	SS-1C	SL	C	11/11/11	1515	1540			3	X								X	X	X	X	X		001
2	SS-29C		C	11/11	1530	1640			2	X								X	X			X		002
3	SS-8C		C	11/12	1100	1130			2	X								X	X			X		003
4	SS-11C		C	11/12	1145	1215			2	X								X				X		004
5																								
6																								
7																								
8	SS-29C	SL		11/11			1640		1									Hold						
9	SS-8C			11/12			1130		1									Hold						
10	SS-11C			11/12			1215		1									Hold						
11																								
12																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	M. Miretti / F&R	11/14/11	1545	[illegible] / Pace	11/14/11	1545				
	[illegible] / Pace	11/14/11	1605	[illegible] / Pace	11-14-11	1605	5.3	Y	N	Y
PO# 66M0200 - 0003-00001										

ORIGINAL

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Mike Miretti
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 11/14/11

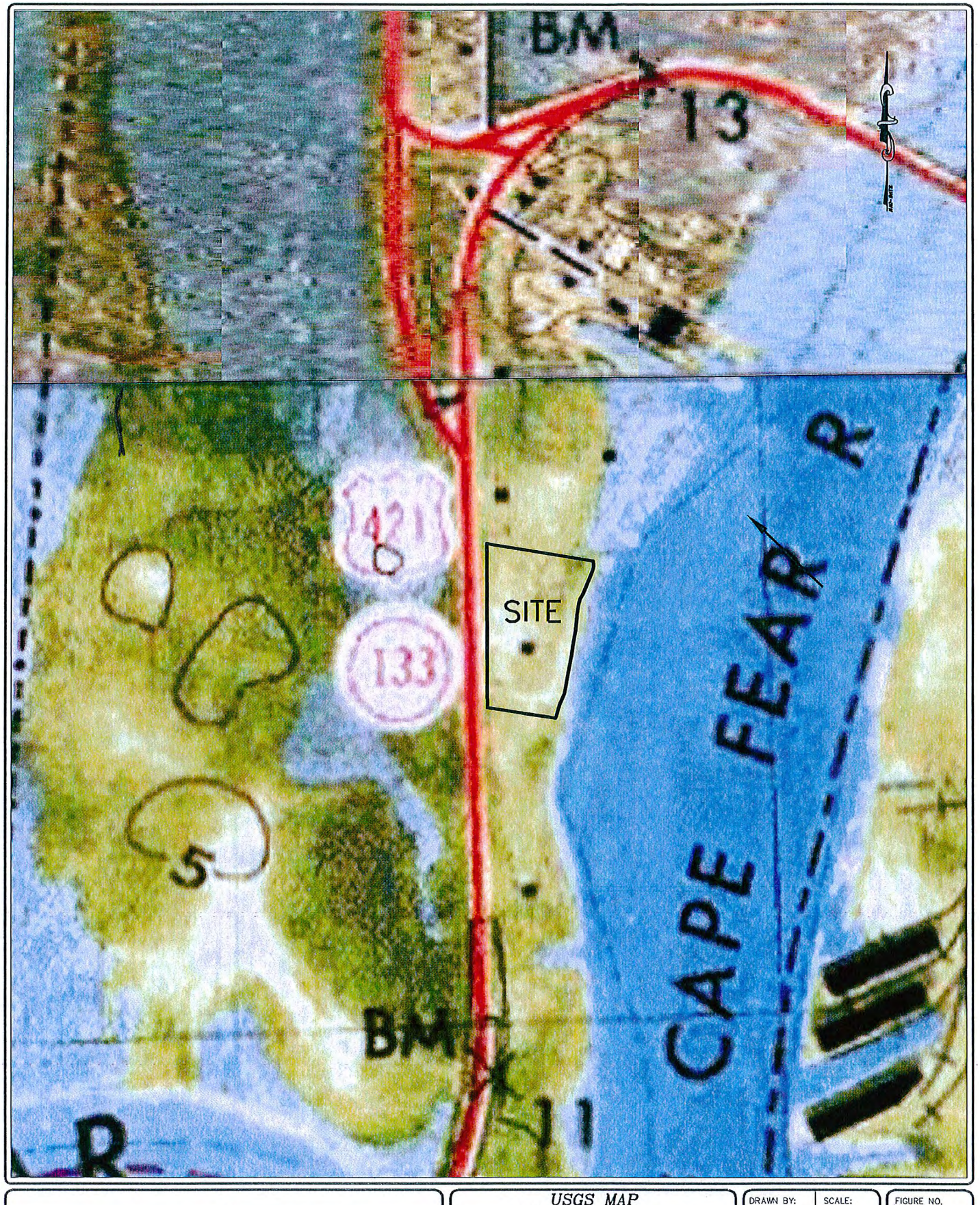
Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

ATTACHMENT E

HISTORICAL AND CURRENT SAMPLING LOCATIONS



WITHERS & RAVENEL

ENGINEERS | PLANNERS | SURVEYORS

111 MacKenan Drive Cary, North Carolina 27511 tel: 919-469-3340 www.withersravenel.com License No. C-0832

USGS MAP
3.3-ACRE POINT HARBOR SITE
1400 POINT HARBOR ROAD
WILMINGTON, NORTH CAROLINA

USGS WILMINGTON & CASTLE HAYNE, NC
7.5 min. Quadrangle

DRAWN BY:	SCALE:	FIGURE NO.
THB	1"=400'	1
APPROVED BY:	DATE:	JOB NO:
KTC	5/19/10	02100148.0

K:\10\10-0140\100148-1400 POINT HARBOR RD - PHASE I\CAD\PHASE II ESA\FIGURE 1 - USGS.DWG 7/9/2010 1:07 PM CROW, SUE

WITHERS & RAVENEL

ENGINEERS | PLANNERS | SURVEYORS

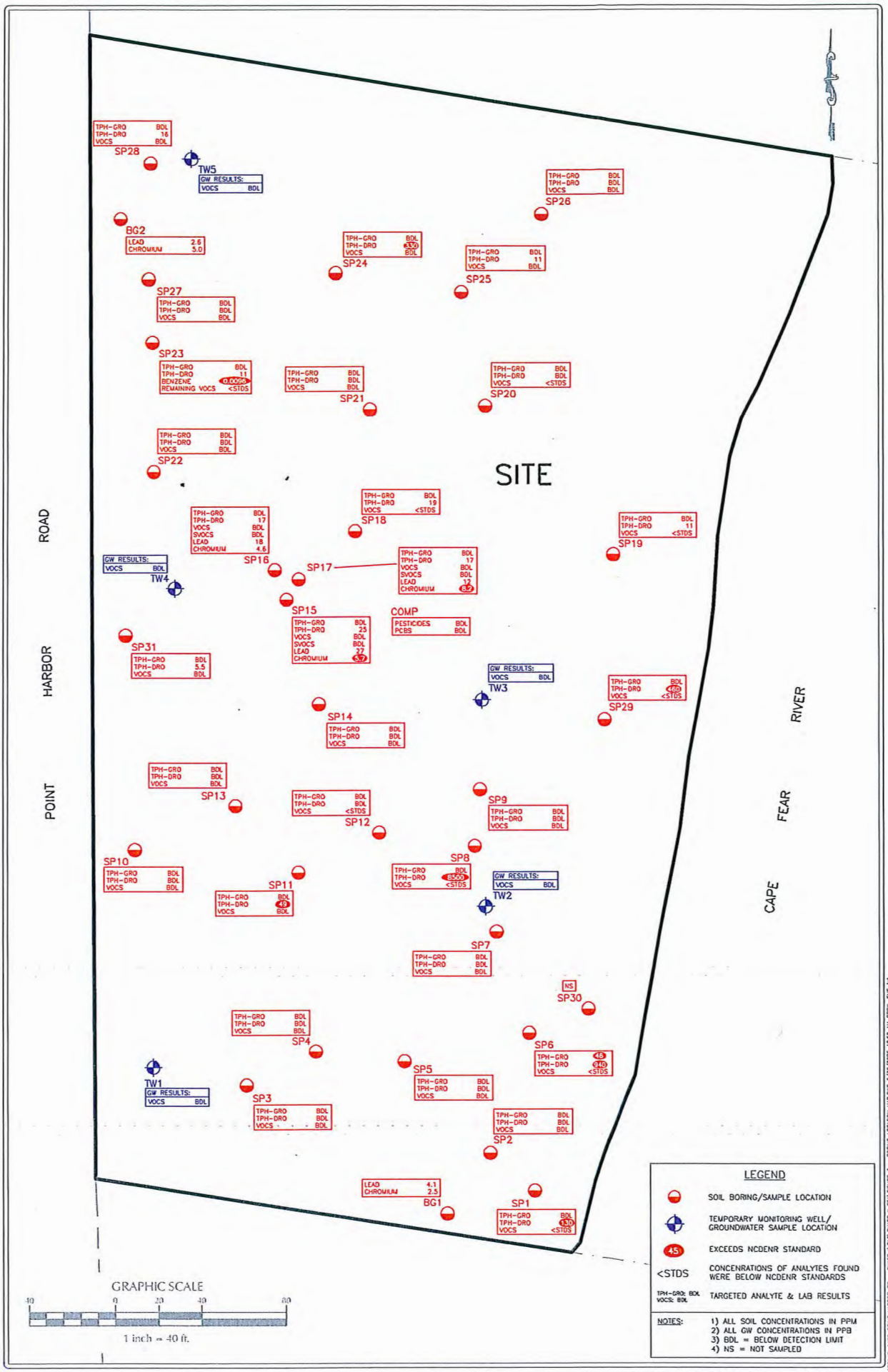
111 MacKenan Drive Cary, North Carolina 27511 tel: 919-469-3340 www.withersravenel.com License No. C-0832

SITE MAP

POINT HARBOR SITE
1400 POINT HARBOR ROAD
WILMINGTON, NORTH CAROLINA

DRAWN BY:	SCALE:	FIGURE NO.
THB	1"=60'	2
APPROVED BY:	DATE:	JOB NO:
KTC	5/19/10	02100148.0

K:\10\10-0140\100148-1400 POINT HARBOR RD - PHASE I\CAD\PHASE II ESA\FIGURE 2 - SITE MAP.DWG 7/9/2010 1:08 PM CROW, SUE



LEGEND

- SOIL BORING/SAMPLE LOCATION
- TEMPORARY MONITORING WELL/ GROUNDWATER SAMPLE LOCATION
- 45 EXCEEDS NCDENR STANDARD
- <STDS CONCENRATIONS OF ANALYTES FOUND WERE BELOW NCDENR STANDARDS
- TPH-GRO: BDL VOCS: BDL TARGETED ANALYTE & LAB RESULTS

NOTES:
1) ALL SOIL CONCENTRATIONS IN PPM
2) ALL GW CONCENTRATIONS IN PPB
3) BDL = BELOW DETECTION LIMIT
4) NS = NOT SAMPLED

WITHERS & RAVENEL
ENGINEERS | PLANNERS | SURVEYORS

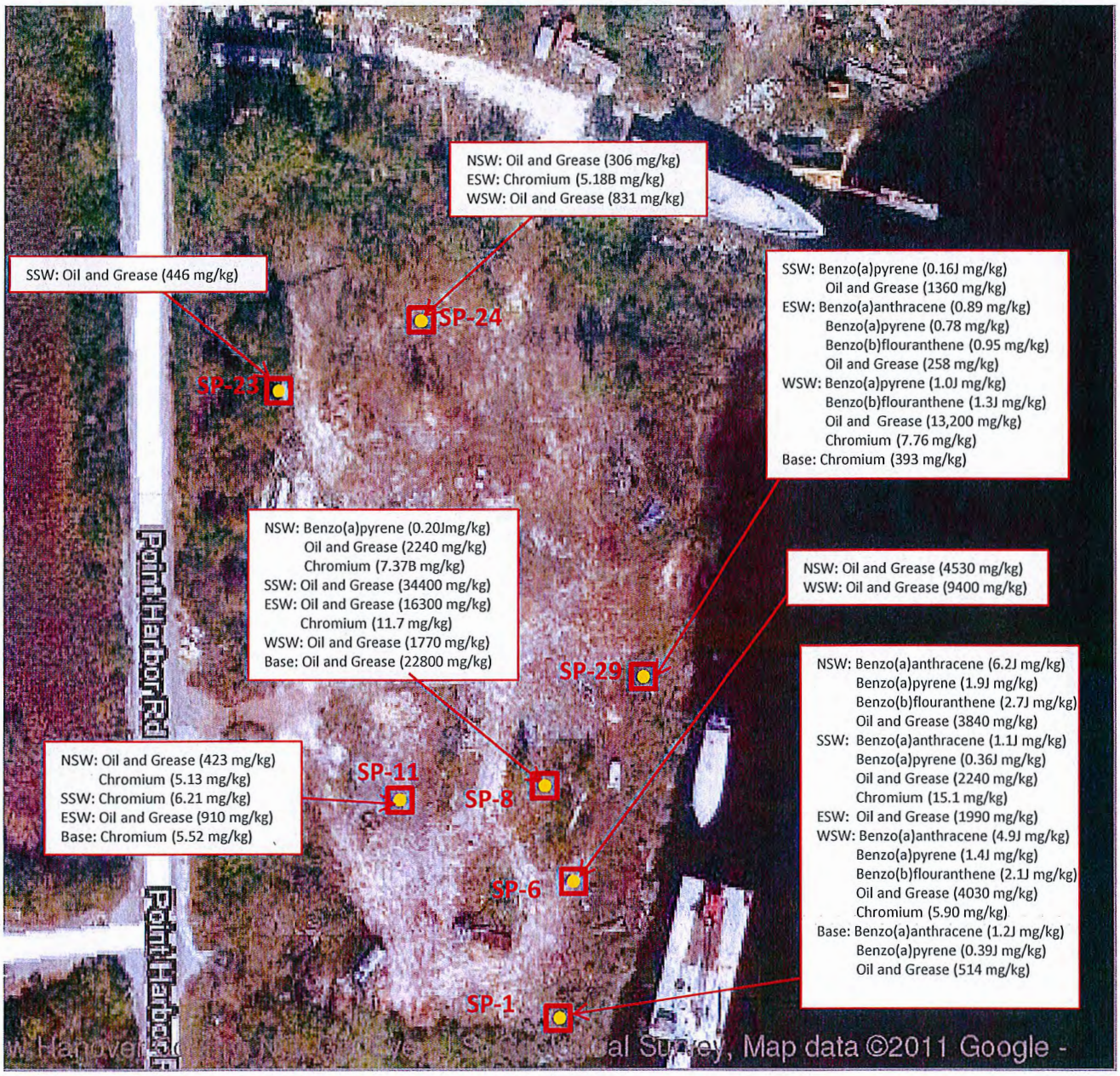
POINT HARBOR SITE
1400 POINT HARBOR ROAD
WILMINGTON, NORTH CAROLINA

BORING LOCATION MAP

Drawn By	Scale
JLF	1"=40'
Checked By	Date
KTC	7/2/10

Job No. 02100145.00
Sheet No. 3

K:\10\10-0140\10014B-1400 POINT HARBOR RD - PHASE I\CAD\PHASE II ESA\FIGURE 3 - BORING LOCATION MAP.DWG 9/28/2005 10:58 AM CROW, SUE 1:1



Approximate Excavation Area (not to scale)

Soil Boring

PREVIOUS AREAS OF EXCAVATION			North ▲	
SINCE F&R 1881	FROEHLING & ROBERTSON, INC. ENGINEERING • ENVIRONMENTAL • GEOTECHNICAL 310 Hubert Street Raleigh, North Carolina 27603-2302 I USA T 919.828.3441 I F 919.828.5751	Client:	Point Harbor Ventures, LLC	
		Project:	1400 Point Harbor Road	
		Location:	Wilmington, New Hanover County, NC	
		F&R Project No:	66M-0200-0001	
		Source:	Google	
		Date: March 2011	Not to Scale	Figure 3

● Approximate Monitoring Well Location

MONITORING WELL LOCATION PLAN			North ▲	
SINCE F&R 1881	FROEHLING & ROBERTSON, INC. ENGINEERING • ENVIRONMENTAL • GEOTECHNICAL 310 Hubert Street Raleigh, North Carolina 27603-2302 I USA T 919.828.3441 I F 919.828.5751	Client:	Point Harbor Ventures, LLC	
		Project:	1400 Point Harbor Road	
		Location:	Wilmington, New Hanover County, NC	
		F&R Project No:	66M-0200-0001	
		Source:	Google	
		Date: March 2011	Not to Scale	Figure 2

ATTACHMENT F

TOPOGRAPHIC MAP AND SAMPLING LOCATIONS (11/11 & 12/11)

2010 NHC Topographical Map with 2 ft. contours- Wilmington, North Carolina
2006 Aerial Photography

N

- Approximate Site Boundary - Approximate sample location

FROEHLING & ROBERTSON, INC.
Engineering • Environmental • Geotechnical
2505 Hutchison McDonald Rd.
Charlotte, North Carolina 28269 I USA
T 704.596.28891 I F 704.596.3784
SINCE 1881

Attachment F
1400 Point Harbor Road
Wilmington, North Carolina 28401

Drawn:	KET	Scale:	1" = 150'	Project No.:	66M-0200-0003
Checked:	MWM	Date:	28-Nov-11	Drawing No.:	1

ATTACHMENT G

SITE PHOTOGRAPHS

Attachment G
1400 Point Harbor Road
Wilmington, North Carolina

1. A view from the entrance gate in the southwestern portion of the property looking east.

2. View of the eastern side of the property near SP-29.

3. View of the northeastern side of the property facing north.

ATTACHMENT D

HISTORICAL GROUNDWATER AND SOIL DATA

SOIL AND GROUNDWATER DATA

FROM

PHASE II PERFORMED BY WITHERS AND RAVENEL

5/19/10

TABLE 1
SUMMARY OF SOIL ANALYTICAL RESULTS
TPH, Lead, and Chromium Analysis
Point Harbor Site
1400 Point Harbor Road
Wilmington, New Hanover County, North Carolina

SOIL SAMPLE ID	DATE	DEPTH OF SOIL SAMPLE (feet bls)	TPH/Low (mg/kg)	TPH/High (mg/kg)	Lead (mg/kg)	Chromium (mg/kg)
SP-1	6/18/2010	1 - 3	BDL	**130**	N/A	N/A
SP-2	6/18/2010	2 - 4	BDL	BDL	N/A	N/A
SP-3	6/18/2010	2 - 4	BDL	BDL	N/A	N/A
SP-4	6/18/2010	2 - 4	BDL	BDL	N/A	N/A
SP-5	6/18/2010	2 - 4	BDL	BDL	N/A	N/A
SP-6	6/18/2010	2 - 4	**46**	**940**	N/A	N/A
SP-7	6/18/2010	2 - 4	BDL	BDL	N/A	N/A
SP-8	6/18/2010	2 - 4	BDL	**8500**	N/A	N/A
SP-9	6/18/2010	2 - 4	BDL	BDL	N/A	N/A
SP-10	6/18/2010	0 - 3	BDL	BDL	N/A	N/A
SP-11	6/18/2010	0 - 2	BDL	**49**	N/A	N/A
SP-12	6/18/2010	2 - 4	BDL	BDL	N/A	N/A
SP-13	6/18/2010	0 - 2	BDL	BDL	N/A	N/A
SP-14	6/18/2010	0 - 3	BDL	BDL	N/A	N/A
SP-15	6/18/2010	0 - 3	BDL	25	27	**5.7****
SP-16	6/18/2010	0 - 3	BDL	17	18	4.6
SP-17	6/18/2010	0 - 3	BDL	17	12	**8.2****
SP-18	6/18/2010	0 - 3	BDL	19	N/A	N/A
SP-19	6/18/2010	2 - 4	BDL	**11**	N/A	N/A
SP-20	6/18/2010	2 - 4	BDL	BDL	N/A	N/A
SP-21	6/18/2010	3 - 6	BDL	BDL	N/A	N/A
SP-22	6/18/2010	3 - 6	BDL	BDL	N/A	N/A
SP-23	6/18/2010	0 - 3	BDL	**11**	N/A	N/A
SP-24	6/18/2010	3 - 6	BDL	**330**	N/A	N/A
SP-25	6/18/2010	3 - 6	BDL	11	N/A	N/A
SP-26	6/18/2010	0 - 3	BDL	BDL	N/A	N/A
SP-27	6/18/2010	0 - 3	BDL	BDL	N/A	N/A
SP-28	6/18/2010	2 - 4	BDL	16	N/A	N/A
SP-29	6/18/2010	2 - 4	BDL	**460**	N/A	N/A
SP-31	6/18/2010	0 - 3	BDL	5.5	N/A	N/A
*BG-1	6/18/2010	0 - 2	N/A	N/A	4.1	2.5
*BG-2	6/18/2010	0 - 2	N/A	N/A	2.6	5.0
NCDWM Action Levels			**10**	**40**	**N/A**	**N/A**
Soil-to-Groundwater MSCCs			**N/A**	**N/A**	**270**	**5.4**
Industrial/Commercial MSCCs			**N/A**	**N/A**	**400**	**47**

Notes:
1 - N/A = Not Applicable or Sampled.
2 - Results in bold exceed NCDENR action levels or NCDENR Soil-to-Groundwater MSCCs.
3 - Results that are shaded exceed Industrial/Commercial MSCCs.
4 - bls = Below Land Surface.
5 - Results are in mg/kg (milligrams per kilogram).
6 - Soil samples were collected June 18, 2010.
7 - TPH = Total Petroleum Hydrocarbons.
8 - BDL = Below Detection Limits.
9 - TPH/low = Total petroleum hydrocarbons/low fraction by EPA Method 5030.
10 - TPH/high = Total petroleum hydrocarbons/high fraction by EPA Method 3550.
11 - Oil & Grease = Total petroleum hydrocarbons/oil & grease by EPA Method 9071B.
12 - Lead = Lead by EPA Method 6010B.
13 - Chromium = Chromium by EPA Method 6010B.
* - Denotes background samples collected to identify background concentrations at the site.
**=Does not exceed NCDENR Standards when corrected by naturally occuring on site chromium (Average = 3.75 mg/kg).

TABLE 2
SUMMARY OF SOIL SAMPLING RESULTS
VOC and SVOC Analysis
Point Harbor Site
1400 Point Harbor Road
Wilmington, New Hanover County, North Carolina

ANALYTE	METHOD	BORING ID / SAMPLE DATE / CONC. (mg / Kg)	BORING ID / SAMPLE DATE / CONC. (mg / Kg)	BORING ID / SAMPLE DATE / CONC. (mg / Kg)	BORING ID / SAMPLE DATE / CONC. (mg / Kg)	BORING ID / SAMPLE DATE / CONC. (mg / Kg)	BORING ID / SAMPLE DATE / CONC. (mg / Kg)	BORING ID / SAMPLE DATE / CONC. (mg / Kg)	BORING ID / SAMPLE DATE / CONC. (mg / Kg)	BORING ID / SAMPLE DATE / CONC. (mg / Kg)	BORING ID / SAMPLE DATE / CONC. (mg / Kg)	BORING ID / SAMPLE DATE / CONC. (mg / Kg)	BORING ID / SAMPLE DATE / CONC. (mg / Kg)	BORING ID / SAMPLE DATE / CONC. (mg / Kg)	BORING ID / SAMPLE DATE / CONC. (mg / Kg)	BORING ID / SAMPLE DATE / CONC. (mg / Kg)	Soil-to-Groundwater Maximum Contaminant Concentration (mg / Kg)
		SP-1 (1 - 3)	SP-2 (2 - 4)	SP-3 (2 - 4)	SP-4 (2 - 4)	SP-5 (2 - 4)	SP-6 (2 - 4)	SP-7 (2 - 4)	SP-8 (2 - 4)	SP-9 (2 - 4)	SP-10 (0 - 3)	SP-11 (0 - 2)	SP-12 (2 - 4)	SP-13 (0 - 2)	SP-14 (0 - 3)	SP-15 (0 - 3)	
		6/18/2010	6/18/2010	6/18/2010	6/18/2010	6/18/2010	6/18/2010	6/18/2010	6/18/2010	6/18/2010	6/18/2010	6/18/2010	6/18/2010	6/18/2010	6/18/2010	6/18/2010	
VOLATILE ORGANICS																	
Acetone	8260	0.099	BDL	BDL	BDL	BDL	BDL	BDL	0.15	BDL	BDL	BDL	0.079	BDL	BDL	BDL	24
Benzene	8260	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.0021	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.0056
n-Butylbenzene	8260	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.014	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.3
sec-Butylbenzene	8260	BDL	BDL	BDL	BDL	BDL	0.54	BDL	0.0013	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.3
Ethylbenzene	8260	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.0036	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.9
Isopropylbenzene	8260	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.7
Methyl tert-butyl ether	8260	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.091
p-Isopropyltoluene	8260	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.0038	BDL	BDL	BDL	BDL	BDL	BDL	BDL	NL
Naphthalene	8260	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.021	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.16
2-Butanone (MEK)	8260	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.028	BDL	BDL	BDL	BDL	BDL	BDL	BDL	16
n-Propylbenzene	8260	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.0025	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.7
Toluene	8260	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.039	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.3
Tetrachloroethene	8260	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.0074
Di-isopropyl ether	8260	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.37
1,3,5 - Trimethylbenzene	8260	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.0052	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.3
1,2,4 - Trimethylbenzene	8260	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.014	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.5
Xylenes (total)	8260	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.020	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.6
SEMI-VOLATILE ORGANICS																	
Anthracene	8270C	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	BDL	940
Napthalene	8270C	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	BDL	0.16
Floruene	8270C	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	BDL	47
Fluoranthene	8270C	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	BDL	290
Phenanthrene	8270C	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	BDL	56
2-Methylnaphthalene	8270C	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	BDL	3.6
Bis (2-ethylhexyl)phthalate	8270C	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	BDL	6.6

Bold represents Soil-to-Groundwater violation.
Note: BDL- Below Detection Limits
NL- Not Listed
NT- Not Tested

TABLE 2 (continued)
SUMMARY OF SOIL SAMPLING RESULTS
VOC and SVOC Analysis
Point Harbor Site
1400 Point Harbor Road
Wilmington, New Hanover County, North Carolina

ANALYTE	METHOD	BORING ID / SAMPLE DATE / CONC. (mg / Kg)	BORING ID / SAMPLE DATE / CONC. (mg / Kg)	BORING ID / SAMPLE DATE / CONC. (mg / Kg)	BORING ID / SAMPLE DATE / CONC. (mg / Kg)	BORING ID / SAMPLE DATE / CONC. (mg / Kg)	BORING ID / SAMPLE DATE / CONC. (mg / Kg)	BORING ID / SAMPLE DATE / CONC. (mg / Kg)	BORING ID / SAMPLE DATE / CONC. (mg / Kg)	BORING ID / SAMPLE DATE / CONC. (mg / Kg)	BORING ID / SAMPLE DATE / CONC. (mg / Kg)	BORING ID / SAMPLE DATE / CONC. (mg / Kg)	BORING ID / SAMPLE DATE / CONC. (mg / Kg)	BORING ID / SAMPLE DATE / CONC. (mg / Kg)	BORING ID / SAMPLE DATE / CONC. (mg / Kg)	BORING ID / SAMPLE DATE / CONC. (mg / Kg)	Soil-to-Groundwater Maximum Contaminant Concentration (mg / Kg)
		SP-16 (0 - 3)	SP-17 (0 - 3)	SP-18 (0 - 3)	SP-19 (2 - 4)	SP-20 (2 - 4)	SP-21 (3 - 6)	SP-22 (3 - 6)	SP-23 (0 - 3)	SP-24 (3 - 6)	SP-25 (3 - 6)	SP-26 (0 - 3)	SP-27 (0 - 3)	SP-28 (2 - 4)	SP-29 (2 - 4)	SP-31 (0 - 3)	
		6/18/2010	6/18/2010	6/18/2010	6/18/2010	6/18/2010	6/18/2010	6/18/2010	6/18/2010	6/18/2010	6/18/2010	6/18/2010	6/18/2010	6/18/2010	6/18/2010	6/18/2010	
VOLATILE ORGANICS																	
Acetone	8260	BDL	BDL	BDL	0.40	0.058	BDL	BDL	0.074	BDL	BDL	BDL	BDL	BDL	0.016	BDL	24
Benzene	8260	BDL	BDL	BDL	BDL	BDL	BDL	BDL	**0.0096**	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.0056
n-Butylbenzene	8260	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.3
sec-Butylbenzene	8260	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	3.3
Ethylbenzene	8260	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.0027	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.9
Isopropylbenzene	8260	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.7
Methyl tert-butyl ether	8260	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.091
p-Isopropyltoluene	8260	BDL	BDL	0.0023	0.067	0.0026	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.021	BDL	NL
Naphthalene	8260	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.16
2-Butanone (MEK)	8260	BDL	BDL	BDL	0.058	BDL	BDL	BDL	0.020	BDL	BDL	BDL	BDL	BDL	BDL	BDL	16
n-Propylbenzene	8260	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.7
Toluene	8260	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.3
Tetrachloroethene	8260	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.0074
Di-isopropyl ether	8260	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.37
1,3,5 - Trimethylbenzene	8260	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.3
1,2,4 - Trimethylbenzene	8260	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	8.5
Xylenes (total)	8260	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.6
SEMI-VOLATILE ORGANICS																	
Anthracene	8270C	BDL	BDL	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	940
Napthalene	8270C	BDL	BDL	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	0.16
Floruene	8270C	BDL	BDL	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	47
Fluoranthene	8270C	BDL	BDL	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	290
Phenanthrene	8270C	BDL	BDL	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	56
2-Methylnaphthalene	8270C	BDL	BDL	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	3.6
Bis (2-ethylhexyl)phthalate	8270C	BDL	BDL	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	6.6

Bold represents Soil-to-Groundwater violation.
Note: BDL- Below Detection Limits
NL- Not Listed
NT- Not Tested

TABLE 3
SUMMARY OF SOIL SAMPLING RESULTS
Pesticide and PCB Analysis
Point Harbor Site
1400 Point Harbor Road
Wilmington, New Hanover County, North Carolina

ANALYTE	METHOD	BORING ID / SAMPLE DATE / CONC. (mg / Kg)	Soil Remediation Goal (mg / Kg)
		COMP	
		6/18/2010	
Organochlorine Pesticides			
Aldrin	8081	BDL	0.029
Alpha BHC	8081	BDL	0.077
Beta BHC	8081	BDL	0.27
Delta BHC	8081	BDL	120
Gamme BHC	8081	BDL	0.52
Chlordane	8081	BDL	1.6
4,4-DDD	8081	BDL	2
4,4-DDE	8081	BDL	1.4
4,4-DDT	8081	BDL	1.7
Dieldrin	8081	BDL	300
Endosulfan I	8081	BDL	74
Endosulfan II	8081	BDL	NL
Endosulfan sulfate	8081	BDL	NL
Endrin	8081	BDL	3.6
Endrin aldehyde	8081	BDL	NL
Endrin ketone	8081	BDL	NL
Hexachlorobenzene	8081	BDL	0.3
Heptchlor	8081	BDL	0.11
Heptchlor epoxide	8081	BDL	0.053
Methoxychlor	8081	BDL	62
Toxaphene	8081	BDL	0.44
PCBs			
PCB 1016	8081	BDL	1.0
PCB 1221	8081	BDL	1.0
PCB 1232	8081	BDL	1.0
PCB 1242	8081	BDL	1.0
PCB 1248	8081	BDL	1.0
PCB 1254	8081	BDL	1.0
PCB 1260	8081	BDL	1.0

Bold represents Soil Remediation Goal violation.
Soil Remediation Goals set forth in the Inactive Hazardous Site Branch Soil Remediation Goals, NCDENR Soil-to-Groundwater Maximum Contaminant Concentrations not listed for regulated pesticides.
Note: ND- Not Detected
NL- Not Listed
NT- Not Tested

TABLE 4
SUMMARY OF GROUNDWATER ANALYTICAL DATA
VOC Analysis
Point Harbor Site
1400 Point Harbor Road
Wilmington, New Hanover County, North Carolina

Compound	Method	TW-1 6/18/2010	TW-2 6/18/2010	TW-3 6/18/2010	TW-4 6/18/2010	TW-5 6/18/2010	NCAC 2L STD (ug/L)	GCL (ug/L)
Volatile Organics, ug/L								
Acetone	6200B	BDL	BDL	BDL	BDL	BDL	700	700,000
Benzene	6200B	BDL	BDL	BDL	BDL	BDL	1	5,000
Chlorobenzene	6200B	BDL	BDL	BDL	BDL	BDL	50	50,000
n-Butylbenzene	6200B	BDL	BDL	BDL	BDL	BDL	70	6,900
sec-Butylbenzene	6200B	BDL	BDL	BDL	BDL	BDL	70	8,500
1,1-Dichloroethane	6200B	BDL	BDL	BDL	BDL	BDL	6	6,000
1,2-Dichloroethane	6200B	BDL	BDL	BDL	BDL	BDL	0.40	400
cis-1,2-Dichloroethene	6200B	BDL	BDL	BDL	BDL	BDL	70	70,000
trans-1,2-Dichloroethene	6200B	BDL	BDL	BDL	BDL	BDL	100	100,000
Di-isopropyl ether	6200B	BDL	BDL	BDL	BDL	BDL	70	70,000
Isopropylbenzene	6200B	BDL	BDL	BDL	BDL	BDL	70	25,000
Ethybenzene	6200B	BDL	BDL	BDL	BDL	BDL	550	84,500
Methyl tert-butyl either (MTBE)	6200B	BDL	BDL	BDL	BDL	BDL	20	20,000
p-Isopropyltoluene	6200B	BDL	BDL	BDL	BDL	BDL	NL	NL
Naphthalene	6200B	BDL	BDL	BDL	BDL	BDL	21	15,500
n-Propylbenzene	6200B	BDL	BDL	BDL	BDL	BDL	70	30,000
Tetrachloroethene	6200B	BDL	BDL	BDL	BDL	BDL	0.7	700
1,2,4-Trimethylbenzene	6200B	BDL	BDL	BDL	BDL	BDL	350	28,500
1,3,5-Trimethylbenzene	6200B	BDL	BDL	BDL	BDL	BDL	350	25,000
Toluene	6200B	BDL	BDL	BDL	BDL	BDL	1,000	257,500
Total Xylenes	6200B	BDL	BDL	BDL	BDL	BDL	530	87,500

Note:
NL = Not Listed. NT = Not Tested.
GCL = Gross Contaminant Level ug/L - micrograms per liter.
BDL = Below Detection Limit. 2L STD - Groundwater Quality Std (15A NCAC Subchapter 2L).
Parameters not listed were below detection limits - see complete laboratory report.
Results in **BOLD** exceed their respective 2L STD

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Est. 1970

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

Report Summary

Wednesday June 23, 2010

Report Number: L465167
Samples Received: 06/19/10
Client Project: 2100148.00

Description: 1400 Pt. Harbor

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By: Alan Harvill

T. Alan Harvill , ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
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NJ - TN002,NJ NELAP - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

June 23,2010

ESC Sample # : L465167-01

Date Received : June 19, 2010
Description : 1400 Point Harbor Rd

Site ID :

Sample ID : TW-1 10 FT

Project # : 2100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 10:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	50.	ug/l	6200B	06/23/10	1
Acrolein	BDL	50.	ug/l	6200B	06/23/10	1
Acrylonitrile	BDL	10.	ug/l	6200B	06/23/10	1
Benzene	BDL	1.0	ug/l	6200B	06/23/10	1
Bromobenzene	BDL	1.0	ug/l	6200B	06/23/10	1
Bromodichloromethane	BDL	1.0	ug/l	6200B	06/23/10	1
Bromoform	BDL	1.0	ug/l	6200B	06/23/10	1
Bromomethane	BDL	5.0	ug/l	6200B	06/23/10	1
n-Butylbenzene	BDL	1.0	ug/l	6200B	06/23/10	1
sec-Butylbenzene	BDL	1.0	ug/l	6200B	06/23/10	1
tert-Butylbenzene	BDL	1.0	ug/l	6200B	06/23/10	1
Carbon tetrachloride	BDL	1.0	ug/l	6200B	06/23/10	1
Chlorobenzene	BDL	1.0	ug/l	6200B	06/23/10	1
Chlorodibromomethane	BDL	1.0	ug/l	6200B	06/23/10	1
Chloroethane	BDL	5.0	ug/l	6200B	06/23/10	1
Chloroform	BDL	5.0	ug/l	6200B	06/23/10	1
Chloromethane	BDL	2.5	ug/l	6200B	06/23/10	1
2-Chlorotoluene	BDL	1.0	ug/l	6200B	06/23/10	1
4-Chlorotoluene	BDL	1.0	ug/l	6200B	06/23/10	1
1,2-Dibromo-3-Chloropropane	BDL	5.0	ug/l	6200B	06/23/10	1
1,2-Dibromoethane	BDL	1.0	ug/l	6200B	06/23/10	1
Dibromomethane	BDL	1.0	ug/l	6200B	06/23/10	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	6200B	06/23/10	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	6200B	06/23/10	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	6200B	06/23/10	1
Dichlorodifluoromethane	BDL	5.0	ug/l	6200B	06/23/10	1
1,1-Dichloroethane	BDL	1.0	ug/l	6200B	06/23/10	1
1,2-Dichloroethane	BDL	1.0	ug/l	6200B	06/23/10	1
1,1-Dichloroethene	BDL	1.0	ug/l	6200B	06/23/10	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	6200B	06/23/10	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	6200B	06/23/10	1
1,2-Dichloropropane	BDL	1.0	ug/l	6200B	06/23/10	1
1,1-Dichloropropene	BDL	1.0	ug/l	6200B	06/23/10	1
1,3-Dichloropropane	BDL	1.0	ug/l	6200B	06/23/10	1
2,2-Dichloropropane	BDL	1.0	ug/l	6200B	06/23/10	1
Di-isopropyl ether	BDL	1.0	ug/l	6200B	06/23/10	1
Ethylbenzene	BDL	1.0	ug/l	6200B	06/23/10	1
Hexachloro-1,3-butadiene	BDL	1.0	ug/l	6200B	06/23/10	1
Isopropylbenzene	BDL	1.0	ug/l	6200B	06/23/10	1
p-Isopropyltoluene	BDL	1.0	ug/l	6200B	06/23/10	1
2-Butanone (MEK)	BDL	10.	ug/l	6200B	06/23/10	1
Methylene Chloride	BDL	5.0	ug/l	6200B	06/23/10	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	6200B	06/23/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

June 23,2010

ESC Sample # : L465167-01

Date Received : June 19, 2010
Description : 1400 Point Harbor Rd

Site ID :

Sample ID : TW-1 10 FT

Project # : 2100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 10:00

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Methyl tert-butyl ether	BDL	1.0	ug/l	6200B	06/23/10	1
Naphthalene	BDL	5.0	ug/l	6200B	06/23/10	1
n-Propylbenzene	BDL	1.0	ug/l	6200B	06/23/10	1
Styrene	BDL	1.0	ug/l	6200B	06/23/10	1
1,1,1,2-Tetrachloroethane	BDL	1.0	ug/l	6200B	06/23/10	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	6200B	06/23/10	1
Tetrachloroethene	BDL	1.0	ug/l	6200B	06/23/10	1
Toluene	BDL	5.0	ug/l	6200B	06/23/10	1
1,2,3-Trichlorobenzene	BDL	1.0	ug/l	6200B	06/23/10	1
1,2,4-Trichlorobenzene	BDL	1.0	ug/l	6200B	06/23/10	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	6200B	06/23/10	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	6200B	06/23/10	1
Trichloroethene	BDL	1.0	ug/l	6200B	06/23/10	1
Trichlorofluoromethane	BDL	5.0	ug/l	6200B	06/23/10	1
1,2,3-Trichloropropane	BDL	1.0	ug/l	6200B	06/23/10	1
1,2,4-Trimethylbenzene	BDL	1.0	ug/l	6200B	06/23/10	1
1,3,5-Trimethylbenzene	BDL	1.0	ug/l	6200B	06/23/10	1
Vinyl chloride	BDL	1.0	ug/l	6200B	06/23/10	1
o-Xylene	BDL	1.0	ug/l	6200B	06/23/10	1
m&p-Xylenes	BDL	2.0	ug/l	6200B	06/23/10	1
Surrogate Recovery						
Toluene-d8	97.1		% Rec.	6200B	06/23/10	1
Toluene-d8	110.		% Rec.	6200B	06/23/10	1
Dibromofluoromethane	103.		% Rec.	6200B	06/23/10	1
Dibromofluoromethane	127.		% Rec.	6200B	06/23/10	1
a,a,a-Trifluorotoluene	103.		% Rec.	6200B	06/23/10	1
a,a,a-Trifluorotoluene	89.4		% Rec.	6200B	06/23/10	1
4-Bromofluorobenzene	100.		% Rec.	6200B	06/23/10	1
4-Bromofluorobenzene	97.4		% Rec.	6200B	06/23/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
The reported analytical results relate only to the sample submitted.
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Reported: 06/23/10 14:19 Printed: 06/23/10 14:20

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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

June 23,2010

ESC Sample # : L465167-02

Date Received : June 19, 2010
Description : 1400 Point Harbor Rd

Site ID :

Sample ID : TW-2 10 FT

Project # : 2100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 10:50

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	50.	ug/l	6200B	06/22/10	1
Acrolein	BDL	50.	ug/l	6200B	06/22/10	1
Acrylonitrile	BDL	10.	ug/l	6200B	06/22/10	1
Benzene	BDL	1.0	ug/l	6200B	06/22/10	1
Bromobenzene	BDL	1.0	ug/l	6200B	06/22/10	1
Bromodichloromethane	BDL	1.0	ug/l	6200B	06/22/10	1
Bromoform	BDL	1.0	ug/l	6200B	06/22/10	1
Bromomethane	BDL	5.0	ug/l	6200B	06/22/10	1
n-Butylbenzene	BDL	1.0	ug/l	6200B	06/22/10	1
sec-Butylbenzene	BDL	1.0	ug/l	6200B	06/22/10	1
tert-Butylbenzene	BDL	1.0	ug/l	6200B	06/22/10	1
Carbon tetrachloride	BDL	1.0	ug/l	6200B	06/22/10	1
Chlorobenzene	BDL	1.0	ug/l	6200B	06/22/10	1
Chlorodibromomethane	BDL	1.0	ug/l	6200B	06/22/10	1
Chloroethane	BDL	5.0	ug/l	6200B	06/22/10	1
Chloroform	BDL	5.0	ug/l	6200B	06/22/10	1
Chloromethane	BDL	2.5	ug/l	6200B	06/22/10	1
2-Chlorotoluene	BDL	1.0	ug/l	6200B	06/22/10	1
4-Chlorotoluene	BDL	1.0	ug/l	6200B	06/22/10	1
1,2-Dibromo-3-Chloropropane	BDL	5.0	ug/l	6200B	06/22/10	1
1,2-Dibromoethane	BDL	1.0	ug/l	6200B	06/22/10	1
Dibromomethane	BDL	1.0	ug/l	6200B	06/22/10	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	6200B	06/22/10	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	6200B	06/22/10	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	6200B	06/22/10	1
Dichlorodifluoromethane	BDL	5.0	ug/l	6200B	06/22/10	1
1,1-Dichloroethane	BDL	1.0	ug/l	6200B	06/22/10	1
1,2-Dichloroethane	BDL	1.0	ug/l	6200B	06/22/10	1
1,1-Dichloroethene	BDL	1.0	ug/l	6200B	06/22/10	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	6200B	06/22/10	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	6200B	06/22/10	1
1,2-Dichloropropane	BDL	1.0	ug/l	6200B	06/22/10	1
1,1-Dichloropropene	BDL	1.0	ug/l	6200B	06/22/10	1
1,3-Dichloropropane	BDL	1.0	ug/l	6200B	06/22/10	1
2,2-Dichloropropane	BDL	1.0	ug/l	6200B	06/22/10	1
Di-isopropyl ether	BDL	1.0	ug/l	6200B	06/22/10	1
Ethylbenzene	BDL	1.0	ug/l	6200B	06/22/10	1
Hexachloro-1,3-butadiene	BDL	1.0	ug/l	6200B	06/22/10	1
Isopropylbenzene	BDL	1.0	ug/l	6200B	06/22/10	1
p-Isopropyltoluene	BDL	1.0	ug/l	6200B	06/22/10	1
2-Butanone (MEK)	BDL	10.	ug/l	6200B	06/22/10	1
Methylene Chloride	BDL	5.0	ug/l	6200B	06/22/10	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	6200B	06/22/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

June 23,2010

ESC Sample # : L465167-02

Date Received : June 19, 2010
Description : 1400 Point Harbor Rd

Site ID :

Sample ID : TW-2 10 FT

Project # : 2100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 10:50

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Methyl tert-butyl ether	BDL	1.0	ug/l	6200B	06/22/10	1
Naphthalene	BDL	5.0	ug/l	6200B	06/22/10	1
n-Propylbenzene	BDL	1.0	ug/l	6200B	06/22/10	1
Styrene	BDL	1.0	ug/l	6200B	06/22/10	1
1,1,1,2-Tetrachloroethane	BDL	1.0	ug/l	6200B	06/22/10	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	6200B	06/22/10	1
Tetrachloroethene	BDL	1.0	ug/l	6200B	06/22/10	1
Toluene	BDL	5.0	ug/l	6200B	06/22/10	1
1,2,3-Trichlorobenzene	BDL	1.0	ug/l	6200B	06/22/10	1
1,2,4-Trichlorobenzene	BDL	1.0	ug/l	6200B	06/22/10	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	6200B	06/22/10	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	6200B	06/22/10	1
Trichloroethene	BDL	1.0	ug/l	6200B	06/22/10	1
Trichlorofluoromethane	BDL	5.0	ug/l	6200B	06/22/10	1
1,2,3-Trichloropropane	BDL	1.0	ug/l	6200B	06/22/10	1
1,2,4-Trimethylbenzene	BDL	1.0	ug/l	6200B	06/22/10	1
1,3,5-Trimethylbenzene	BDL	1.0	ug/l	6200B	06/22/10	1
Vinyl chloride	BDL	1.0	ug/l	6200B	06/22/10	1
o-Xylene	BDL	1.0	ug/l	6200B	06/22/10	1
m&p-Xylenes	BDL	2.0	ug/l	6200B	06/22/10	1
Surrogate Recovery						
Toluene-d8	102.		% Rec.	6200B	06/22/10	1
Dibromofluoromethane	109.		% Rec.	6200B	06/22/10	1
a,a,a-Trifluorotoluene	107.		% Rec.	6200B	06/22/10	1
4-Bromofluorobenzene	102.		% Rec.	6200B	06/22/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
The reported analytical results relate only to the sample submitted.
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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

June 23,2010

ESC Sample # : L465167-03

Date Received : June 19, 2010
Description : 1400 Point Harbor Rd

Site ID :

Sample ID : TW-3 10 FT

Project # : 2100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 11:30

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	50.	ug/l	6200B	06/22/10	1
Acrolein	BDL	50.	ug/l	6200B	06/22/10	1
Acrylonitrile	BDL	10.	ug/l	6200B	06/22/10	1
Benzene	BDL	1.0	ug/l	6200B	06/22/10	1
Bromobenzene	BDL	1.0	ug/l	6200B	06/22/10	1
Bromodichloromethane	BDL	1.0	ug/l	6200B	06/22/10	1
Bromoform	BDL	1.0	ug/l	6200B	06/22/10	1
Bromomethane	BDL	5.0	ug/l	6200B	06/22/10	1
n-Butylbenzene	BDL	1.0	ug/l	6200B	06/22/10	1
sec-Butylbenzene	BDL	1.0	ug/l	6200B	06/22/10	1
tert-Butylbenzene	BDL	1.0	ug/l	6200B	06/22/10	1
Carbon tetrachloride	BDL	1.0	ug/l	6200B	06/22/10	1
Chlorobenzene	BDL	1.0	ug/l	6200B	06/22/10	1
Chlorodibromomethane	BDL	1.0	ug/l	6200B	06/22/10	1
Chloroethane	BDL	5.0	ug/l	6200B	06/22/10	1
Chloroform	BDL	5.0	ug/l	6200B	06/22/10	1
Chloromethane	BDL	2.5	ug/l	6200B	06/22/10	1
2-Chlorotoluene	BDL	1.0	ug/l	6200B	06/22/10	1
4-Chlorotoluene	BDL	1.0	ug/l	6200B	06/22/10	1
1,2-Dibromo-3-Chloropropane	BDL	5.0	ug/l	6200B	06/22/10	1
1,2-Dibromoethane	BDL	1.0	ug/l	6200B	06/22/10	1
Dibromomethane	BDL	1.0	ug/l	6200B	06/22/10	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	6200B	06/22/10	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	6200B	06/22/10	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	6200B	06/22/10	1
Dichlorodifluoromethane	BDL	5.0	ug/l	6200B	06/22/10	1
1,1-Dichloroethane	BDL	1.0	ug/l	6200B	06/22/10	1
1,2-Dichloroethane	BDL	1.0	ug/l	6200B	06/22/10	1
1,1-Dichloroethene	BDL	1.0	ug/l	6200B	06/22/10	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	6200B	06/22/10	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	6200B	06/22/10	1
1,2-Dichloropropane	BDL	1.0	ug/l	6200B	06/22/10	1
1,1-Dichloropropene	BDL	1.0	ug/l	6200B	06/22/10	1
1,3-Dichloropropane	BDL	1.0	ug/l	6200B	06/22/10	1
2,2-Dichloropropane	BDL	1.0	ug/l	6200B	06/22/10	1
Di-isopropyl ether	BDL	1.0	ug/l	6200B	06/22/10	1
Ethylbenzene	BDL	1.0	ug/l	6200B	06/22/10	1
Hexachloro-1,3-butadiene	BDL	1.0	ug/l	6200B	06/22/10	1
Isopropylbenzene	BDL	1.0	ug/l	6200B	06/22/10	1
p-Isopropyltoluene	BDL	1.0	ug/l	6200B	06/22/10	1
2-Butanone (MEK)	BDL	10.	ug/l	6200B	06/22/10	1
Methylene Chloride	BDL	5.0	ug/l	6200B	06/22/10	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	6200B	06/22/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

June 23,2010

ESC Sample # : L465167-03

Date Received : June 19, 2010
Description : 1400 Point Harbor Rd

Site ID :

Sample ID : TW-3 10 FT

Project # : 2100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 11:30

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Methyl tert-butyl ether	BDL	1.0	ug/l	6200B	06/22/10	1
Naphthalene	BDL	5.0	ug/l	6200B	06/22/10	1
n-Propylbenzene	BDL	1.0	ug/l	6200B	06/22/10	1
Styrene	BDL	1.0	ug/l	6200B	06/22/10	1
1,1,1,2-Tetrachloroethane	BDL	1.0	ug/l	6200B	06/22/10	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	6200B	06/22/10	1
Tetrachloroethene	BDL	1.0	ug/l	6200B	06/22/10	1
Toluene	BDL	5.0	ug/l	6200B	06/22/10	1
1,2,3-Trichlorobenzene	BDL	1.0	ug/l	6200B	06/22/10	1
1,2,4-Trichlorobenzene	BDL	1.0	ug/l	6200B	06/22/10	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	6200B	06/22/10	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	6200B	06/22/10	1
Trichloroethene	BDL	1.0	ug/l	6200B	06/22/10	1
Trichlorofluoromethane	BDL	5.0	ug/l	6200B	06/22/10	1
1,2,3-Trichloropropane	BDL	1.0	ug/l	6200B	06/22/10	1
1,2,4-Trimethylbenzene	BDL	1.0	ug/l	6200B	06/22/10	1
1,3,5-Trimethylbenzene	BDL	1.0	ug/l	6200B	06/22/10	1
Vinyl chloride	BDL	1.0	ug/l	6200B	06/22/10	1
o-Xylene	BDL	1.0	ug/l	6200B	06/22/10	1
m&p-Xylenes	BDL	2.0	ug/l	6200B	06/22/10	1
Surrogate Recovery						
Toluene-d8	103.		% Rec.	6200B	06/22/10	1
Dibromofluoromethane	104.		% Rec.	6200B	06/22/10	1
a,a,a-Trifluorotoluene	109.		% Rec.	6200B	06/22/10	1
4-Bromofluorobenzene	97.7		% Rec.	6200B	06/22/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

June 23,2010

ESC Sample # : L465167-04

Date Received : June 19, 2010
Description : 1400 Point Harbor Rd

Site ID :

Sample ID : TW-4 10 FT

Project # : 2100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 13:50

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	50.	ug/l	6200B	06/22/10	1
Acrolein	BDL	50.	ug/l	6200B	06/22/10	1
Acrylonitrile	BDL	10.	ug/l	6200B	06/22/10	1
Benzene	BDL	1.0	ug/l	6200B	06/22/10	1
Bromobenzene	BDL	1.0	ug/l	6200B	06/22/10	1
Bromodichloromethane	BDL	1.0	ug/l	6200B	06/22/10	1
Bromoform	BDL	1.0	ug/l	6200B	06/22/10	1
Bromomethane	BDL	5.0	ug/l	6200B	06/22/10	1
n-Butylbenzene	BDL	1.0	ug/l	6200B	06/22/10	1
sec-Butylbenzene	BDL	1.0	ug/l	6200B	06/22/10	1
tert-Butylbenzene	BDL	1.0	ug/l	6200B	06/22/10	1
Carbon tetrachloride	BDL	1.0	ug/l	6200B	06/22/10	1
Chlorobenzene	BDL	1.0	ug/l	6200B	06/22/10	1
Chlorodibromomethane	BDL	1.0	ug/l	6200B	06/22/10	1
Chloroethane	BDL	5.0	ug/l	6200B	06/22/10	1
Chloroform	BDL	5.0	ug/l	6200B	06/22/10	1
Chloromethane	BDL	2.5	ug/l	6200B	06/22/10	1
2-Chlorotoluene	BDL	1.0	ug/l	6200B	06/22/10	1
4-Chlorotoluene	BDL	1.0	ug/l	6200B	06/22/10	1
1,2-Dibromo-3-Chloropropane	BDL	5.0	ug/l	6200B	06/22/10	1
1,2-Dibromoethane	BDL	1.0	ug/l	6200B	06/22/10	1
Dibromomethane	BDL	1.0	ug/l	6200B	06/22/10	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	6200B	06/22/10	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	6200B	06/22/10	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	6200B	06/22/10	1
Dichlorodifluoromethane	BDL	5.0	ug/l	6200B	06/22/10	1
1,1-Dichloroethane	BDL	1.0	ug/l	6200B	06/22/10	1
1,2-Dichloroethane	BDL	1.0	ug/l	6200B	06/22/10	1
1,1-Dichloroethene	BDL	1.0	ug/l	6200B	06/22/10	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	6200B	06/22/10	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	6200B	06/22/10	1
1,2-Dichloropropane	BDL	1.0	ug/l	6200B	06/22/10	1
1,1-Dichloropropene	BDL	1.0	ug/l	6200B	06/22/10	1
1,3-Dichloropropane	BDL	1.0	ug/l	6200B	06/22/10	1
2,2-Dichloropropane	BDL	1.0	ug/l	6200B	06/22/10	1
Di-isopropyl ether	BDL	1.0	ug/l	6200B	06/22/10	1
Ethylbenzene	BDL	1.0	ug/l	6200B	06/22/10	1
Hexachloro-1,3-butadiene	BDL	1.0	ug/l	6200B	06/22/10	1
Isopropylbenzene	BDL	1.0	ug/l	6200B	06/22/10	1
p-Isopropyltoluene	BDL	1.0	ug/l	6200B	06/22/10	1
2-Butanone (MEK)	BDL	10.	ug/l	6200B	06/22/10	1
Methylene Chloride	BDL	5.0	ug/l	6200B	06/22/10	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	6200B	06/22/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

June 23,2010

ESC Sample # : L465167-04

Date Received : June 19, 2010
Description : 1400 Point Harbor Rd

Site ID :

Sample ID : TW-4 10 FT

Project # : 2100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 13:50

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Methyl tert-butyl ether	BDL	1.0	ug/l	6200B	06/22/10	1
Naphthalene	BDL	5.0	ug/l	6200B	06/22/10	1
n-Propylbenzene	BDL	1.0	ug/l	6200B	06/22/10	1
Styrene	BDL	1.0	ug/l	6200B	06/22/10	1
1,1,1,2-Tetrachloroethane	BDL	1.0	ug/l	6200B	06/22/10	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	6200B	06/22/10	1
Tetrachloroethene	BDL	1.0	ug/l	6200B	06/22/10	1
Toluene	BDL	5.0	ug/l	6200B	06/22/10	1
1,2,3-Trichlorobenzene	BDL	1.0	ug/l	6200B	06/22/10	1
1,2,4-Trichlorobenzene	BDL	1.0	ug/l	6200B	06/22/10	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	6200B	06/22/10	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	6200B	06/22/10	1
Trichloroethene	BDL	1.0	ug/l	6200B	06/22/10	1
Trichlorofluoromethane	BDL	5.0	ug/l	6200B	06/22/10	1
1,2,3-Trichloropropane	BDL	1.0	ug/l	6200B	06/22/10	1
1,2,4-Trimethylbenzene	BDL	1.0	ug/l	6200B	06/22/10	1
1,3,5-Trimethylbenzene	BDL	1.0	ug/l	6200B	06/22/10	1
Vinyl chloride	BDL	1.0	ug/l	6200B	06/22/10	1
o-Xylene	BDL	1.0	ug/l	6200B	06/22/10	1
m&p-Xylenes	BDL	2.0	ug/l	6200B	06/22/10	1
Surrogate Recovery						
Toluene-d8	102.		% Rec.	6200B	06/22/10	1
Dibromofluoromethane	111.		% Rec.	6200B	06/22/10	1
a,a,a-Trifluorotoluene	104.		% Rec.	6200B	06/22/10	1
4-Bromofluorobenzene	96.3		% Rec.	6200B	06/22/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

June 23,2010

ESC Sample # : L465167-05

Date Received : June 19, 2010
Description : 1400 Point Harbor Rd

Site ID :

Sample ID : TW-5 10 FT

Project # : 2100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 14:35

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Volatile Organics						
Acetone	BDL	50.	ug/l	6200B	06/22/10	1
Acrolein	BDL	50.	ug/l	6200B	06/22/10	1
Acrylonitrile	BDL	10.	ug/l	6200B	06/22/10	1
Benzene	BDL	1.0	ug/l	6200B	06/22/10	1
Bromobenzene	BDL	1.0	ug/l	6200B	06/22/10	1
Bromodichloromethane	BDL	1.0	ug/l	6200B	06/22/10	1
Bromoform	BDL	1.0	ug/l	6200B	06/22/10	1
Bromomethane	BDL	5.0	ug/l	6200B	06/22/10	1
n-Butylbenzene	BDL	1.0	ug/l	6200B	06/22/10	1
sec-Butylbenzene	BDL	1.0	ug/l	6200B	06/22/10	1
tert-Butylbenzene	BDL	1.0	ug/l	6200B	06/22/10	1
Carbon tetrachloride	BDL	1.0	ug/l	6200B	06/22/10	1
Chlorobenzene	BDL	1.0	ug/l	6200B	06/22/10	1
Chlorodibromomethane	BDL	1.0	ug/l	6200B	06/22/10	1
Chloroethane	BDL	5.0	ug/l	6200B	06/22/10	1
Chloroform	BDL	5.0	ug/l	6200B	06/22/10	1
Chloromethane	BDL	2.5	ug/l	6200B	06/22/10	1
2-Chlorotoluene	BDL	1.0	ug/l	6200B	06/22/10	1
4-Chlorotoluene	BDL	1.0	ug/l	6200B	06/22/10	1
1,2-Dibromo-3-Chloropropane	BDL	5.0	ug/l	6200B	06/22/10	1
1,2-Dibromoethane	BDL	1.0	ug/l	6200B	06/22/10	1
Dibromomethane	BDL	1.0	ug/l	6200B	06/22/10	1
1,2-Dichlorobenzene	BDL	1.0	ug/l	6200B	06/22/10	1
1,3-Dichlorobenzene	BDL	1.0	ug/l	6200B	06/22/10	1
1,4-Dichlorobenzene	BDL	1.0	ug/l	6200B	06/22/10	1
Dichlorodifluoromethane	BDL	5.0	ug/l	6200B	06/22/10	1
1,1-Dichloroethane	BDL	1.0	ug/l	6200B	06/22/10	1
1,2-Dichloroethane	BDL	1.0	ug/l	6200B	06/22/10	1
1,1-Dichloroethene	BDL	1.0	ug/l	6200B	06/22/10	1
cis-1,2-Dichloroethene	BDL	1.0	ug/l	6200B	06/22/10	1
trans-1,2-Dichloroethene	BDL	1.0	ug/l	6200B	06/22/10	1
1,2-Dichloropropane	BDL	1.0	ug/l	6200B	06/22/10	1
1,1-Dichloropropene	BDL	1.0	ug/l	6200B	06/22/10	1
1,3-Dichloropropane	BDL	1.0	ug/l	6200B	06/22/10	1
2,2-Dichloropropane	BDL	1.0	ug/l	6200B	06/22/10	1
Di-isopropyl ether	BDL	1.0	ug/l	6200B	06/22/10	1
Ethylbenzene	BDL	1.0	ug/l	6200B	06/22/10	1
Hexachloro-1,3-butadiene	BDL	1.0	ug/l	6200B	06/22/10	1
Isopropylbenzene	BDL	1.0	ug/l	6200B	06/22/10	1
p-Isopropyltoluene	BDL	1.0	ug/l	6200B	06/22/10	1
2-Butanone (MEK)	BDL	10.	ug/l	6200B	06/22/10	1
Methylene Chloride	BDL	5.0	ug/l	6200B	06/22/10	1
4-Methyl-2-pentanone (MIBK)	BDL	10.	ug/l	6200B	06/22/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)

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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

June 23,2010

ESC Sample # : L465167-05

Date Received : June 19, 2010
Description : 1400 Point Harbor Rd

Site ID :

Sample ID : TW-5 10 FT

Project # : 2100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 14:35

Parameter	Result	Det. Limit	Units	Method	Date	Dil.
Methyl tert-butyl ether	BDL	1.0	ug/l	6200B	06/22/10	1
Naphthalene	BDL	5.0	ug/l	6200B	06/22/10	1
n-Propylbenzene	BDL	1.0	ug/l	6200B	06/22/10	1
Styrene	BDL	1.0	ug/l	6200B	06/22/10	1
1,1,1,2-Tetrachloroethane	BDL	1.0	ug/l	6200B	06/22/10	1
1,1,2,2-Tetrachloroethane	BDL	1.0	ug/l	6200B	06/22/10	1
Tetrachloroethene	BDL	1.0	ug/l	6200B	06/22/10	1
Toluene	BDL	5.0	ug/l	6200B	06/22/10	1
1,2,3-Trichlorobenzene	BDL	1.0	ug/l	6200B	06/22/10	1
1,2,4-Trichlorobenzene	BDL	1.0	ug/l	6200B	06/22/10	1
1,1,1-Trichloroethane	BDL	1.0	ug/l	6200B	06/22/10	1
1,1,2-Trichloroethane	BDL	1.0	ug/l	6200B	06/22/10	1
Trichloroethene	BDL	1.0	ug/l	6200B	06/22/10	1
Trichlorofluoromethane	BDL	5.0	ug/l	6200B	06/22/10	1
1,2,3-Trichloropropane	BDL	1.0	ug/l	6200B	06/22/10	1
1,2,4-Trimethylbenzene	BDL	1.0	ug/l	6200B	06/22/10	1
1,3,5-Trimethylbenzene	BDL	1.0	ug/l	6200B	06/22/10	1
Vinyl chloride	BDL	1.0	ug/l	6200B	06/22/10	1
o-Xylene	BDL	1.0	ug/l	6200B	06/22/10	1
m&p-Xylenes	BDL	2.0	ug/l	6200B	06/22/10	1
Surrogate Recovery						
Toluene-d8	103.		% Rec.	6200B	06/22/10	1
Dibromofluoromethane	107.		% Rec.	6200B	06/22/10	1
a,a,a-Trifluorotoluene	106.		% Rec.	6200B	06/22/10	1
4-Bromofluorobenzene	94.4		% Rec.	6200B	06/22/10	1

BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
The reported analytical results relate only to the sample submitted.
This report shall not be reproduced, except in full, without the written approval from ESC.

Reported: 06/23/10 14:19 Printed: 06/23/10 14:20

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L465167-01	WG484904	SAMP	Dibromofluoromethane	R1264008	J1

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J1	Surrogate recovery limits have been exceeded; values are outside upper control limits

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods,it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable "unless qualified as 'R' (Rejected)."

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed
06/23/10 at 14:20:26

TSR Signing Reports: 134
R4 - Rush: Three Day

Sample: L465167-01 Account: WITHRAVS Received: 06/19/10 09:00 Due Date: 06/23/10 00:00 RPT Date: 06/23/10 14:19

Sample: L465167-02 Account: WITHRAVS Received: 06/19/10 09:00 Due Date: 06/23/10 00:00 RPT Date: 06/23/10 14:19

Sample: L465167-03 Account: WITHRAVS Received: 06/19/10 09:00 Due Date: 06/23/10 00:00 RPT Date: 06/23/10 14:19

Sample: L465167-04 Account: WITHRAVS Received: 06/19/10 09:00 Due Date: 06/23/10 00:00 RPT Date: 06/23/10 14:19

Sample: L465167-05 Account: WITHRAVS Received: 06/19/10 09:00 Due Date: 06/23/10 00:00 RPT Date: 06/23/10 14:19

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Ty Colwell
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Cary, NC 27511

Quality Assurance Report
Level II

L465167

June 23, 2010

Laboratory Blank

Analyte	Result	Units	% Rec	Limit	Batch	Date Analyzed
1,1,1,2-Tetrachloroethane	< .001	mg/l			WG484866	06/22/10 17:16
1,1,1-Trichloroethane	< .001	mg/l			WG484866	06/22/10 17:16
1,1,2,2-Tetrachloroethane	< .001	mg/l			WG484866	06/22/10 17:16
1,1,2-Trichloroethane	< .001	mg/l			WG484866	06/22/10 17:16
1,1-Dichloroethane	< .001	mg/l			WG484866	06/22/10 17:16
1,1-Dichloroethene	< .001	mg/l			WG484866	06/22/10 17:16
1,1-Dichloropropene	< .001	mg/l			WG484866	06/22/10 17:16
1,2,3-Trichlorobenzene	< .001	mg/l			WG484866	06/22/10 17:16
1,2,3-Trichloropropane	< .001	mg/l			WG484866	06/22/10 17:16
1,2,4-Trichlorobenzene	< .001	mg/l			WG484866	06/22/10 17:16
1,2,4-Trimethylbenzene	< .001	mg/l			WG484866	06/22/10 17:16
1,2-Dibromo-3-Chloropropane	< .005	mg/l			WG484866	06/22/10 17:16
1,2-Dibromoethane	< .001	mg/l			WG484866	06/22/10 17:16
1,2-Dichlorobenzene	< .001	mg/l			WG484866	06/22/10 17:16
1,2-Dichloroethane	< .001	mg/l			WG484866	06/22/10 17:16
1,2-Dichloropropane	< .001	mg/l			WG484866	06/22/10 17:16
1,3,5-Trimethylbenzene	< .001	mg/l			WG484866	06/22/10 17:16
1,3-Dichlorobenzene	< .001	mg/l			WG484866	06/22/10 17:16
1,3-Dichloropropane	< .001	mg/l			WG484866	06/22/10 17:16
1,4-Dichlorobenzene	< .001	mg/l			WG484866	06/22/10 17:16
2,2-Dichloropropane	< .001	mg/l			WG484866	06/22/10 17:16
2-Butanone (MEK)	< .01	mg/l			WG484866	06/22/10 17:16
2-Chlorotoluene	< .001	mg/l			WG484866	06/22/10 17:16
4-Chlorotoluene	< .001	mg/l			WG484866	06/22/10 17:16
4-Methyl-2-pentanone (MIBK)	< .01	mg/l			WG484866	06/22/10 17:16
Acetone	< .05	mg/l			WG484866	06/22/10 17:16
Acrolein	< .05	mg/l			WG484866	06/22/10 17:16
Acrylonitrile	< .01	mg/l			WG484866	06/22/10 17:16
Benzene	< .001	mg/l			WG484866	06/22/10 17:16
Bromobenzene	< .001	mg/l			WG484866	06/22/10 17:16
Bromodichloromethane	< .001	mg/l			WG484866	06/22/10 17:16
Bromoform	< .001	mg/l			WG484866	06/22/10 17:16
Bromomethane	< .005	mg/l			WG484866	06/22/10 17:16
Carbon tetrachloride	< .001	mg/l			WG484866	06/22/10 17:16
Chlorobenzene	< .001	mg/l			WG484866	06/22/10 17:16
Chlorodibromomethane	< .001	mg/l			WG484866	06/22/10 17:16
Chloroethane	< .001	mg/l			WG484866	06/22/10 17:16
Chloroform	< .005	mg/l			WG484866	06/22/10 17:16
Chloromethane	< .001	mg/l			WG484866	06/22/10 17:16
cis-1,2-Dichloroethene	< .001	mg/l			WG484866	06/22/10 17:16
Di-isopropyl ether	< .001	mg/l			WG484866	06/22/10 17:16
Dibromomethane	< .001	mg/l			WG484866	06/22/10 17:16
Dichlorodifluoromethane	< .005	mg/l			WG484866	06/22/10 17:16
Ethylbenzene	< .001	mg/l			WG484866	06/22/10 17:16
Hexachloro-1,3-butadiene	< .001	mg/l			WG484866	06/22/10 17:16
Isopropylbenzene	< .001	mg/l			WG484866	06/22/10 17:16
m&p-Xylenes	< .002	mg/l			WG484866	06/22/10 17:16
Methyl tert-butyl ether	< .001	mg/l			WG484866	06/22/10 17:16
Methylene Chloride	< .005	mg/l			WG484866	06/22/10 17:16
n-Butylbenzene	< .001	mg/l			WG484866	06/22/10 17:16
n-Propylbenzene	< .001	mg/l			WG484866	06/22/10 17:16
Naphthalene	< .005	mg/l			WG484866	06/22/10 17:16
o-Xylene	< .001	mg/l			WG484866	06/22/10 17:16
p-Isopropyltoluene	< .001	mg/l			WG484866	06/22/10 17:16
sec-Butylbenzene	< .001	mg/l			WG484866	06/22/10 17:16
Styrene	< .001	mg/l			WG484866	06/22/10 17:16
tert-Butylbenzene	< .001	mg/l			WG484866	06/22/10 17:16
Tetrachloroethene	< .001	mg/l			WG484866	06/22/10 17:16
Toluene	< .005	mg/l			WG484866	06/22/10 17:16

* Performance of this Analyte is outside of established criteria.
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'

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Ty Colwell
111 MacKenan Drive

Cary, NC 27511

Quality Assurance Report
Level II

L465167

June 23, 2010

Laboratory Blank

Analyte	Result	Units	% Rec	Limit	Batch	Date Analyzed
trans-1,2-Dichloroethene	< .001	mg/l			WG484866	06/22/10 17:16
Trichloroethene	< .001	mg/l			WG484866	06/22/10 17:16
Trichlorofluoromethane	< .005	mg/l			WG484866	06/22/10 17:16
Vinyl chloride	< .001	mg/l			WG484866	06/22/10 17:16
4-Bromofluorobenzene		% Rec.	96.77	75-128	WG484866	06/22/10 17:16
Dibromofluoromethane		% Rec.	109.0	79-125	WG484866	06/22/10 17:16
Toluene-d8		% Rec.	103.2	87-114	WG484866	06/22/10 17:16
a,a,a-Trifluorotoluene		% Rec.	104.7	84-114	WG484866	06/22/10 17:16
Bromomethane	< .005	mg/l			WG484904	06/23/10 10:06
Naphthalene	< .005	mg/l			WG484904	06/23/10 10:06
4-Bromofluorobenzene		% Rec.	103.4	75-128	WG484904	06/23/10 10:06
Dibromofluoromethane		% Rec.	120.0	79-125	WG484904	06/23/10 10:06
Toluene-d8		% Rec.	105.9	87-114	WG484904	06/23/10 10:06
a,a,a-Trifluorotoluene		% Rec.	102.3	84-114	WG484904	06/23/10 10:06
1,1,1,2-Tetrachloroethane	< .001	mg/l			WG485064	06/23/10 10:06
1,1,1-Trichloroethane	< .001	mg/l			WG485064	06/23/10 10:06
1,1,2,2-Tetrachloroethane	< .001	mg/l			WG485064	06/23/10 10:06
1,1,2-Trichloroethane	< .001	mg/l			WG485064	06/23/10 10:06
1,1-Dichloroethane	< .001	mg/l			WG485064	06/23/10 10:06
1,1-Dichloroethene	< .001	mg/l			WG485064	06/23/10 10:06
1,1-Dichloropropene	< .001	mg/l			WG485064	06/23/10 10:06
1,2,3-Trichlorobenzene	< .001	mg/l			WG485064	06/23/10 10:06
1,2,3-Trichloropropane	< .001	mg/l			WG485064	06/23/10 10:06
1,2,4-Trichlorobenzene	< .001	mg/l			WG485064	06/23/10 10:06
1,2,4-Trimethylbenzene	< .001	mg/l			WG485064	06/23/10 10:06
1,2-Dibromo-3-Chloropropane	< .005	mg/l			WG485064	06/23/10 10:06
1,2-Dibromoethane	< .001	mg/l			WG485064	06/23/10 10:06
1,2-Dichlorobenzene	< .001	mg/l			WG485064	06/23/10 10:06
1,2-Dichloroethane	< .001	mg/l			WG485064	06/23/10 10:06
1,2-Dichloropropane	< .001	mg/l			WG485064	06/23/10 10:06
1,3,5-Trimethylbenzene	< .001	mg/l			WG485064	06/23/10 10:06
1,3-Dichlorobenzene	< .001	mg/l			WG485064	06/23/10 10:06
1,3-Dichloropropane	< .001	mg/l			WG485064	06/23/10 10:06
1,4-Dichlorobenzene	< .001	mg/l			WG485064	06/23/10 10:06
2,2-Dichloropropane	< .001	mg/l			WG485064	06/23/10 10:06
2-Butanone (MEK)	< .01	mg/l			WG485064	06/23/10 10:06
2-Chlorotoluene	< .001	mg/l			WG485064	06/23/10 10:06
4-Chlorotoluene	< .001	mg/l			WG485064	06/23/10 10:06
4-Methyl-2-pentanone (MIBK)	< .01	mg/l			WG485064	06/23/10 10:06
Acetone	< .05	mg/l			WG485064	06/23/10 10:06
Acrolein	< .05	mg/l			WG485064	06/23/10 10:06
Acrylonitrile	< .01	mg/l			WG485064	06/23/10 10:06
Benzene	< .001	mg/l			WG485064	06/23/10 10:06
Bromobenzene	< .001	mg/l			WG485064	06/23/10 10:06
Bromodichloromethane	< .001	mg/l			WG485064	06/23/10 10:06
Bromoform	< .001	mg/l			WG485064	06/23/10 10:06
Carbon tetrachloride	< .001	mg/l			WG485064	06/23/10 10:06
Chlorobenzene	< .001	mg/l			WG485064	06/23/10 10:06
Chlorodibromomethane	< .001	mg/l			WG485064	06/23/10 10:06
Chloroethane	< .001	mg/l			WG485064	06/23/10 10:06
Chloroform	< .005	mg/l			WG485064	06/23/10 10:06
Chloromethane	< .001	mg/l			WG485064	06/23/10 10:06
cis-1,2-Dichloroethene	< .001	mg/l			WG485064	06/23/10 10:06
Di-isopropyl ether	< .001	mg/l			WG485064	06/23/10 10:06
Dibromomethane	< .001	mg/l			WG485064	06/23/10 10:06

* Performance of this Analyte is outside of established criteria.
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'

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Quality Assurance Report
Level II

L465167

June 23, 2010

Laboratory Blank

Analyte	Result	Units	% Rec	Limit	Batch	Date Analyzed
Dichlorodifluoromethane	< .005	mg/l			WG485064	06/23/10 10:06
Ethylbenzene	< .001	mg/l			WG485064	06/23/10 10:06
Hexachloro-1,3-butadiene	< .001	mg/l			WG485064	06/23/10 10:06
Isopropylbenzene	< .001	mg/l			WG485064	06/23/10 10:06
m&p-Xylenes	< .002	mg/l			WG485064	06/23/10 10:06
Methyl tert-butyl ether	< .001	mg/l			WG485064	06/23/10 10:06
Methylene Chloride	< .005	mg/l			WG485064	06/23/10 10:06
n-Butylbenzene	< .001	mg/l			WG485064	06/23/10 10:06
n-Propylbenzene	< .001	mg/l			WG485064	06/23/10 10:06
o-Xylene	< .001	mg/l			WG485064	06/23/10 10:06
p-Isopropyltoluene	< .001	mg/l			WG485064	06/23/10 10:06
sec-Butylbenzene	< .001	mg/l			WG485064	06/23/10 10:06
Styrene	< .001	mg/l			WG485064	06/23/10 10:06
tert-Butylbenzene	< .001	mg/l			WG485064	06/23/10 10:06
Tetrachloroethene	< .001	mg/l			WG485064	06/23/10 10:06
Toluene	< .005	mg/l			WG485064	06/23/10 10:06
trans-1,2-Dichloroethene	< .001	mg/l			WG485064	06/23/10 10:06
Trichloroethene	< .001	mg/l			WG485064	06/23/10 10:06
Trichlorofluoromethane	< .005	mg/l			WG485064	06/23/10 10:06
Vinyl chloride	< .001	mg/l			WG485064	06/23/10 10:06
4-Bromofluorobenzene		% Rec.	97.03	75-128	WG485064	06/23/10 10:06
Dibromofluoromethane		% Rec.	101.3	79-125	WG485064	06/23/10 10:06
Toluene-d8		% Rec.	97.85	87-114	WG485064	06/23/10 10:06
a,a,a-Trifluorotoluene		% Rec.	91.19	84-114	WG485064	06/23/10 10:06

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
1,1,1,2-Tetrachloroethane	mg/l	.025	0.0260	104.	75-134	WG484866
1,1,1-Trichloroethane	mg/l	.025	0.0269	108.	67-137	WG484866
1,1,2,2-Tetrachloroethane	mg/l	.025	0.0264	106.	72-128	WG484866
1,1,2-Trichloroethane	mg/l	.025	0.0251	100.	79-123	WG484866
1,1-Dichloroethane	mg/l	.025	0.0248	99.1	67-133	WG484866
1,1-Dichloroethene	mg/l	.025	0.0227	90.9	60-130	WG484866
1,1-Dichloropropene	mg/l	.025	0.0259	104.	68-132	WG484866
1,2,3-Trichlorobenzene	mg/l	.025	0.0268	107.	63-138	WG484866
1,2,3-Trichloropropane	mg/l	.025	0.0262	105.	68-130	WG484866
1,2,4-Trichlorobenzene	mg/l	.025	0.0266	107.	65-137	WG484866
1,2,4-Trimethylbenzene	mg/l	.025	0.0277	111.	72-135	WG484866
1,2-Dibromo-3-Chloropropane	mg/l	.025	0.0230	92.1	55-134	WG484866
1,2-Dibromoethane	mg/l	.025	0.0252	101.	75-126	WG484866
1,2-Dichlorobenzene	mg/l	.025	0.0258	103.	75-122	WG484866
1,2-Dichloroethane	mg/l	.025	0.0272	109.	63-137	WG484866
1,2-Dichloropropane	mg/l	.025	0.0258	103.	74-122	WG484866
1,3,5-Trimethylbenzene	mg/l	.025	0.0270	108.	73-134	WG484866
1,3-Dichlorobenzene	mg/l	.025	0.0272	109.	73-131	WG484866
1,3-Dichloropropane	mg/l	.025	0.0247	98.9	77-119	WG484866
1,4-Dichlorobenzene	mg/l	.025	0.0253	101.	70-121	WG484866
2,2-Dichloropropane	mg/l	.025	0.0260	104.	46-151	WG484866
2-Butanone (MEK)	mg/l	.125	0.126	101.	53-132	WG484866
2-Chlorotoluene	mg/l	.025	0.0277	111.	74-128	WG484866
4-Chlorotoluene	mg/l	.025	0.0277	111.	74-130	WG484866
4-Methyl-2-pentanone (MIBK)	mg/l	.125	0.138	110.	60-142	WG484866
Acetone	mg/l	.125	0.116	93.1	48-134	WG484866
Acrolein	mg/l	.125	0.120	95.9	6-182	WG484866
Acrylonitrile	mg/l	.125	0.125	100.	60-140	WG484866
Benzene	mg/l	.025	0.0249	99.5	67-126	WG484866
Bromobenzene	mg/l	.025	0.0264	106.	76-123	WG484866
Bromodichloromethane	mg/l	.025	0.0268	107.	68-133	WG484866

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Est. 1970

Withers & Ravenel Eng. - Standard
Ty Colwell
111 MacKenan Drive

Cary, NC 27511

Quality Assurance Report
Level II

L465167

June 23, 2010

Analyte	Units	Laboratory Control Sample Known Val	Result	% Rec	Limit	Batch
Bromoform	mg/l	.025	0.0275	110.	60-139	WG484866
Bromomethane	mg/l	.025	0.0219	87.4	45-175	WG484866
Carbon tetrachloride	mg/l	.025	0.0253	101.	64-141	WG484866
Chlorobenzene	mg/l	.025	0.0259	104.	77-125	WG484866
Chlorodibromomethane	mg/l	.025	0.0261	105.	73-138	WG484866
Chloroethane	mg/l	.025	0.0239	95.5	49-155	WG484866
Chloroform	mg/l	.025	0.0269	108.	66-126	WG484866
Chloromethane	mg/l	.025	0.0222	88.9	45-152	WG484866
cis-1,2-Dichloroethene	mg/l	.025	0.0254	101.	72-128	WG484866
Di-isopropyl ether	mg/l	.025	0.0259	103.	63-139	WG484866
Dibromomethane	mg/l	.025	0.0277	111.	73-125	WG484866
Dichlorodifluoromethane	mg/l	.025	0.0178	71.1	39-189	WG484866
Ethylbenzene	mg/l	.025	0.0269	108.	76-129	WG484866
Hexachloro-1,3-butadiene	mg/l	.025	0.0247	98.9	67-135	WG484866
Isopropylbenzene	mg/l	.025	0.0263	105.	73-132	WG484866
m&p-Xylenes	mg/l	.05	0.0534	107.	74-128	WG484866
Methyl tert-butyl ether	mg/l	.025	0.0261	104.	51-142	WG484866
Methylene Chloride	mg/l	.025	0.0229	91.8	64-125	WG484866
n-Butylbenzene	mg/l	.025	0.0262	105.	63-142	WG484866
n-Propylbenzene	mg/l	.025	0.0270	108.	71-132	WG484866
Naphthalene	mg/l	.025	0.0259	103.	56-145	WG484866
o-Xylene	mg/l	.025	0.0266	107.	78-128	WG484866
p-Isopropyltoluene	mg/l	.025	0.0270	108.	68-138	WG484866
sec-Butylbenzene	mg/l	.025	0.0266	107.	70-135	WG484866
Styrene	mg/l	.025	0.0271	109.	78-130	WG484866
tert-Butylbenzene	mg/l	.025	0.0267	107.	72-134	WG484866
Tetrachloroethene	mg/l	.025	0.0248	99.3	67-135	WG484866
Toluene	mg/l	.025	0.0263	105.	72-122	WG484866
trans-1,2-Dichloroethene	mg/l	.025	0.0242	97.0	67-129	WG484866
Trichloroethene	mg/l	.025	0.0250	99.9	74-126	WG484866
Trichlorofluoromethane	mg/l	.025	0.0249	99.5	54-156	WG484866
Vinyl chloride	mg/l	.025	0.0222	88.8	55-153	WG484866
4-Bromofluorobenzene				104.2	75-128	WG484866
Dibromofluoromethane				101.8	79-125	WG484866
Toluene-d8				103.4	87-114	WG484866
a,a,a-Trifluorotoluene				104.9	84-114	WG484866
Bromomethane	mg/l	.025	0.0336	134.	45-175	WG484904
Naphthalene	mg/l	.025	0.0234	93.8	56-145	WG484904
4-Bromofluorobenzene				107.4	75-128	WG484904
Dibromofluoromethane				114.1	79-125	WG484904
Toluene-d8				106.4	87-114	WG484904
a,a,a-Trifluorotoluene				101.6	84-114	WG484904
1,1,1,2-Tetrachloroethane	mg/l	.025	0.0247	98.8	75-134	WG485064
1,1,1-Trichloroethane	mg/l	.025	0.0215	86.1	67-137	WG485064
1,1,2,2-Tetrachloroethane	mg/l	.025	0.0260	104.	72-128	WG485064
1,1,2-Trichloroethane	mg/l	.025	0.0242	96.7	79-123	WG485064
1,1-Dichloroethane	mg/l	.025	0.0212	84.8	67-133	WG485064
1,1-Dichloroethene	mg/l	.025	0.0182	72.9	60-130	WG485064
1,1-Dichloropropene	mg/l	.025	0.0194	77.7	68-132	WG485064
1,2,3-Trichlorobenzene	mg/l	.025	0.0210	84.1	63-138	WG485064
1,2,3-Trichloropropane	mg/l	.025	0.0239	95.6	68-130	WG485064
1,2,4-Trichlorobenzene	mg/l	.025	0.0200	80.0	65-137	WG485064
1,2,4-Trimethylbenzene	mg/l	.025	0.0242	96.8	72-135	WG485064
1,2-Dibromo-3-Chloropropane	mg/l	.025	0.0217	86.7	55-134	WG485064
1,2-Dibromoethane	mg/l	.025	0.0232	92.9	75-126	WG485064

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Quality Assurance Report
Level II

L465167

June 23, 2010

Analyte	Units	Laboratory Control Sample Known Val	Result	% Rec	Limit	Batch
1,2-Dichlorobenzene	mg/l	.025	0.0230	92.1	75-122	WG485064
1,2-Dichloroethane	mg/l	.025	0.0209	83.6	63-137	WG485064
1,2-Dichloropropane	mg/l	.025	0.0216	86.3	74-122	WG485064
1,3,5-Trimethylbenzene	mg/l	.025	0.0235	93.9	73-134	WG485064
1,3-Dichlorobenzene	mg/l	.025	0.0230	92.1	73-131	WG485064
1,3-Dichloropropane	mg/l	.025	0.0216	86.4	77-119	WG485064
1,4-Dichlorobenzene	mg/l	.025	0.0210	84.2	70-121	WG485064
2,2-Dichloropropane	mg/l	.025	0.0215	85.9	46-151	WG485064
2-Butanone (MEK)	mg/l	.125	0.0880	70.4	53-132	WG485064
2-Chlorotoluene	mg/l	.025	0.0237	94.8	74-128	WG485064
4-Chlorotoluene	mg/l	.025	0.0233	93.2	74-130	WG485064
4-Methyl-2-pentanone (MIBK)	mg/l	.125	0.105	84.1	60-142	WG485064
Acetone	mg/l	.125	0.0957	76.6	48-134	WG485064
Acrolein	mg/l	.125	0.207	166.	6-182	WG485064
Acrylonitrile	mg/l	.125	0.105	84.0	60-140	WG485064
Benzene	mg/l	.025	0.0195	78.1	67-126	WG485064
Bromobenzene	mg/l	.025	0.0226	90.4	76-123	WG485064
Bromodichloromethane	mg/l	.025	0.0229	91.6	68-133	WG485064
Bromoform	mg/l	.025	0.0239	95.6	60-139	WG485064
Carbon tetrachloride	mg/l	.025	0.0192	76.9	64-141	WG485064
Chlorobenzene	mg/l	.025	0.0227	90.7	77-125	WG485064
Chlorodibromomethane	mg/l	.025	0.0246	98.2	73-138	WG485064
Chloroethane	mg/l	.025	0.0236	94.2	49-155	WG485064
Chloroform	mg/l	.025	0.0214	85.6	66-126	WG485064
Chloromethane	mg/l	.025	0.0183	73.2	45-152	WG485064
cis-1,2-Dichloroethene	mg/l	.025	0.0222	88.6	72-128	WG485064
Di-isopropyl ether	mg/l	.025	0.0213	85.1	63-139	WG485064
Dibromomethane	mg/l	.025	0.0214	85.5	73-125	WG485064
Dichlorodifluoromethane	mg/l	.025	0.0153	61.3	39-189	WG485064
Ethylbenzene	mg/l	.025	0.0227	90.7	76-129	WG485064
Hexachloro-1,3-butadiene	mg/l	.025	0.0216	86.6	67-135	WG485064
Isopropylbenzene	mg/l	.025	0.0221	88.6	73-132	WG485064
m&p-Xylenes	mg/l	.05	0.0451	90.3	74-128	WG485064
Methyl tert-butyl ether	mg/l	.025	0.0207	82.9	51-142	WG485064
Methylene Chloride	mg/l	.025	0.0182	72.8	64-125	WG485064
n-Butylbenzene	mg/l	.025	0.0231	92.4	63-142	WG485064
n-Propylbenzene	mg/l	.025	0.0237	94.7	71-132	WG485064
o-Xylene	mg/l	.025	0.0231	92.6	78-128	WG485064
p-Isopropyltoluene	mg/l	.025	0.0238	95.0	68-138	WG485064
sec-Butylbenzene	mg/l	.025	0.0241	96.4	70-135	WG485064
Styrene	mg/l	.025	0.0240	96.1	78-130	WG485064
tert-Butylbenzene	mg/l	.025	0.0239	95.4	72-134	WG485064
Tetrachloroethene	mg/l	.025	0.0229	91.7	67-135	WG485064
Toluene	mg/l	.025	0.0194	77.7	72-122	WG485064
trans-1,2-Dichloroethene	mg/l	.025	0.0183	73.4	67-129	WG485064
Trichloroethene	mg/l	.025	0.0210	84.0	74-126	WG485064
Trichlorofluoromethane	mg/l	.025	0.0237	94.6	54-156	WG485064
Vinyl chloride	mg/l	.025	0.0182	72.8	55-153	WG485064
4-Bromofluorobenzene				107.5	75-128	WG485064
Dibromofluoromethane				101.0	79-125	WG485064
Toluene-d8				93.98	87-114	WG485064
a,a,a-Trifluorotoluene				89.07	84-114	WG485064

Analyte	Units	Laboratory Control Sample Duplicate Result	Ref	%Rec	Limit	RPD	Limit	Batch
1,1,1,2-Tetrachloroethane	mg/l	0.0266	0.0260	106.	75-134	2.12	20	WG484866
1,1,1-Trichloroethane	mg/l	0.0253	0.0269	101.	67-137	6.07	20	WG484866
1,1,2,2-Tetrachloroethane	mg/l	0.0275	0.0264	110.	72-128	3.86	20	WG484866

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Quality Assurance Report
Level II

L465167

June 23, 2010

Analyte	Units	Laboratory Control Sample Duplicate Result	Ref	%Rec	Limit	RPD	Limit	Batch
1,1,2-Trichloroethane	mg/l	0.0259	0.0251	104.	79-123	3.15	20	WG484866
1,1-Dichloroethane	mg/l	0.0243	0.0248	97.0	67-133	1.77	20	WG484866
1,1-Dichloroethene	mg/l	0.0233	0.0227	93.0	60-130	2.72	20	WG484866
1,1-Dichloropropene	mg/l	0.0248	0.0259	99.0	68-132	4.33	20	WG484866
1,2,3-Trichlorobenzene	mg/l	0.0262	0.0268	105.	63-138	2.23	20	WG484866
1,2,3-Trichloropropane	mg/l	0.0270	0.0262	108.	68-130	3.32	20	WG484866
1,2,4-Trichlorobenzene	mg/l	0.0259	0.0266	103.	65-137	2.94	20	WG484866
1,2,4-Trimethylbenzene	mg/l	0.0278	0.0277	111.	72-135	0.260	20	WG484866
1,2-Dibromo-3-Chloropropane	mg/l	0.0253	0.0230	101.	55-134	9.45	20	WG484866
1,2-Dibromoethane	mg/l	0.0256	0.0252	102.	75-126	1.66	20	WG484866
1,2-Dichlorobenzene	mg/l	0.0253	0.0258	101.	75-122	1.91	20	WG484866
1,2-Dichloroethane	mg/l	0.0264	0.0272	106.	63-137	2.69	20	WG484866
1,2-Dichloropropane	mg/l	0.0258	0.0258	103.	74-122	0.0900	20	WG484866
1,3,5-Trimethylbenzene	mg/l	0.0275	0.0270	110.	73-134	1.61	20	WG484866
1,3-Dichlorobenzene	mg/l	0.0269	0.0272	108.	73-131	1.33	20	WG484866
1,3-Dichloropropane	mg/l	0.0252	0.0247	101.	77-119	1.72	20	WG484866
1,4-Dichlorobenzene	mg/l	0.0257	0.0253	103.	70-121	1.65	20	WG484866
2,2-Dichloropropane	mg/l	0.0260	0.0260	104.	46-151	0.190	20	WG484866
2-Butanone (MEK)	mg/l	0.135	0.126	108.	53-132	7.02	20	WG484866
2-Chlorotoluene	mg/l	0.0281	0.0277	112.	74-128	1.40	20	WG484866
4-Chlorotoluene	mg/l	0.0277	0.0277	111.	74-130	0.120	20	WG484866
4-Methyl-2-pentanone (MIBK)	mg/l	0.144	0.138	115.	60-142	4.44	20	WG484866
Acetone	mg/l	0.117	0.116	93.0	48-134	0.340	20	WG484866
Acrolein	mg/l	0.129	0.120	103.	6-182	7.03	39	WG484866
Acrylonitrile	mg/l	0.131	0.125	105.	60-140	4.65	20	WG484866
Benzene	mg/l	0.0247	0.0249	99.0	67-126	0.660	20	WG484866
Bromobenzene	mg/l	0.0264	0.0264	106.	76-123	0.140	20	WG484866
Bromodichloromethane	mg/l	0.0265	0.0268	106.	68-133	1.04	20	WG484866
Bromoform	mg/l	0.0284	0.0275	114.	60-139	3.20	20	WG484866
Bromomethane	mg/l	0.0215	0.0219	86.0	45-175	1.48	20	WG484866
Carbon tetrachloride	mg/l	0.0244	0.0253	98.0	64-141	3.50	20	WG484866
Chlorobenzene	mg/l	0.0261	0.0259	104.	77-125	0.490	20	WG484866
Chlorodibromomethane	mg/l	0.0254	0.0261	102.	73-138	2.70	20	WG484866
Chloroethane	mg/l	0.0231	0.0239	92.0	49-155	3.18	20	WG484866
Chloroform	mg/l	0.0263	0.0269	105.	66-126	2.24	20	WG484866
Chloromethane	mg/l	0.0212	0.0222	85.0	45-152	4.61	20	WG484866
cis-1,2-Dichloroethene	mg/l	0.0257	0.0254	103.	72-128	1.38	20	WG484866
Di-isopropyl ether	mg/l	0.0254	0.0259	102.	63-139	1.66	20	WG484866
Dibromomethane	mg/l	0.0269	0.0277	107.	73-125	3.19	20	WG484866
Dichlorodifluoromethane	mg/l	0.0173	0.0178	69.0	39-189	2.44	24	WG484866
Ethylbenzene	mg/l	0.0264	0.0269	106.	76-129	1.82	20	WG484866
Hexachloro-1,3-butadiene	mg/l	0.0244	0.0247	98.0	67-135	1.33	20	WG484866
Isopropylbenzene	mg/l	0.0262	0.0263	105.	73-132	0.550	20	WG484866
m&p-Xylenes	mg/l	0.0541	0.0534	108.	74-128	1.19	20	WG484866
Methyl tert-butyl ether	mg/l	0.0257	0.0261	103.	51-142	1.53	20	WG484866
Methylene Chloride	mg/l	0.0227	0.0229	91.0	64-125	1.09	20	WG484866
n-Butylbenzene	mg/l	0.0259	0.0262	104.	63-142	1.22	20	WG484866
n-Propylbenzene	mg/l	0.0267	0.0270	107.	71-132	1.22	20	WG484866
Naphthalene	mg/l	0.0262	0.0259	105.	56-145	1.33	20	WG484866
o-Xylene	mg/l	0.0261	0.0266	104.	78-128	2.06	20	WG484866
p-Isopropyltoluene	mg/l	0.0273	0.0270	109.	68-138	0.910	20	WG484866
sec-Butylbenzene	mg/l	0.0270	0.0266	108.	70-135	1.29	20	WG484866
Styrene	mg/l	0.0273	0.0271	109.	78-130	0.590	20	WG484866
tert-Butylbenzene	mg/l	0.0267	0.0267	107.	72-134	0.0700	20	WG484866
Tetrachloroethene	mg/l	0.0247	0.0248	99.0	67-135	0.420	20	WG484866
Toluene	mg/l	0.0253	0.0263	101.	72-122	3.70	20	WG484866
trans-1,2-Dichloroethene	mg/l	0.0243	0.0242	97.0	67-129	0.270	20	WG484866
Trichloroethene	mg/l	0.0247	0.0250	99.0	74-126	0.910	20	WG484866
Trichlorofluoromethane	mg/l	0.0241	0.0249	96.0	54-156	3.24	20	WG484866

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Analyte	Units	Laboratory Control Sample Duplicate Result	Ref	%Rec	Limit	RPD	Limit	Batch
Vinyl chloride	mg/l	0.0221	0.0222	88.0	55-153	0.410	20	WG484866
4-Bromofluorobenzene				106.4	75-128			WG484866
Dibromofluoromethane				98.45	79-125			WG484866
Toluene-d8				105.5	87-114			WG484866
a,a,a-Trifluorotoluene				101.7	84-114			WG484866
Bromomethane	mg/l	0.0386	0.0336	154.	45-175	14.0	20	WG484904
Naphthalene	mg/l	0.0250	0.0234	100.	56-145	6.55	20	WG484904
4-Bromofluorobenzene				104.8	75-128			WG484904
Dibromofluoromethane				116.9	79-125			WG484904
Toluene-d8				106.3	87-114			WG484904
a,a,a-Trifluorotoluene				102.5	84-114			WG484904
1,1,1,2-Tetrachloroethane	mg/l	0.0241	0.0247	96.0	75-134	2.45	20	WG485064
1,1,1-Trichloroethane	mg/l	0.0220	0.0215	88.0	67-137	2.06	20	WG485064
1,1,2,2-Tetrachloroethane	mg/l	0.0239	0.0260	96.0	72-128	8.26	20	WG485064
1,1,2-Trichloroethane	mg/l	0.0234	0.0242	94.0	79-123	3.16	20	WG485064
1,1-Dichloroethane	mg/l	0.0204	0.0212	82.0	67-133	3.81	20	WG485064
1,1-Dichloroethene	mg/l	0.0184	0.0182	74.0	60-130	1.03	20	WG485064
1,1-Dichloropropene	mg/l	0.0203	0.0194	81.0	68-132	4.51	20	WG485064
1,2,3-Trichlorobenzene	mg/l	0.0214	0.0210	86.0	63-138	1.78	20	WG485064
1,2,3-Trichloropropane	mg/l	0.0234	0.0239	94.0	68-130	1.87	20	WG485064
1,2,4-Trichlorobenzene	mg/l	0.0204	0.0200	82.0	65-137	1.93	20	WG485064
1,2,4-Trimethylbenzene	mg/l	0.0231	0.0242	92.0	72-135	4.82	20	WG485064
1,2-Dibromo-3-Chloropropane	mg/l	0.0233	0.0217	93.0	55-134	7.15	20	WG485064
1,2-Dibromoethane	mg/l	0.0224	0.0232	90.0	75-126	3.67	20	WG485064
1,2-Dichlorobenzene	mg/l	0.0231	0.0230	92.0	75-122	0.270	20	WG485064
1,2-Dichloroethane	mg/l	0.0215	0.0209	86.0	63-137	2.77	20	WG485064
1,2-Dichloropropane	mg/l	0.0216	0.0216	86.0	74-122	0.150	20	WG485064
1,3,5-Trimethylbenzene	mg/l	0.0225	0.0235	90.0	73-134	4.31	20	WG485064
1,3-Dichlorobenzene	mg/l	0.0224	0.0230	90.0	73-131	2.68	20	WG485064
1,3-Dichloropropane	mg/l	0.0225	0.0216	90.0	77-119	4.22	20	WG485064
1,4-Dichlorobenzene	mg/l	0.0212	0.0210	85.0	70-121	0.530	20	WG485064
2,2-Dichloropropane	mg/l	0.0211	0.0215	84.0	46-151	1.86	20	WG485064
2-Butanone (MEK)	mg/l	0.0886	0.0880	71.0	53-132	0.750	20	WG485064
2-Chlorotoluene	mg/l	0.0222	0.0237	89.0	74-128	6.63	20	WG485064
4-Chlorotoluene	mg/l	0.0221	0.0233	88.0	74-130	5.18	20	WG485064
4-Methyl-2-pentanone (MIBK)	mg/l	0.106	0.105	85.0	60-142	1.05	20	WG485064
Acetone	mg/l	0.0954	0.0957	76.0	48-134	0.340	20	WG485064
Acrolein	mg/l	0.189	0.207	152.	6-182	8.82	39	WG485064
Acrylonitrile	mg/l	0.0984	0.105	79.0	60-140	6.56	20	WG485064
Benzene	mg/l	0.0198	0.0195	79.0	67-126	1.37	20	WG485064
Bromobenzene	mg/l	0.0214	0.0226	86.0	76-123	5.35	20	WG485064
Bromodichloromethane	mg/l	0.0231	0.0229	92.0	68-133	0.630	20	WG485064
Bromoform	mg/l	0.0233	0.0239	93.0	60-139	2.53	20	WG485064
Carbon tetrachloride	mg/l	0.0195	0.0192	78.0	64-141	1.57	20	WG485064
Chlorobenzene	mg/l	0.0223	0.0227	89.0	77-125	1.79	20	WG485064
Chlorodibromomethane	mg/l	0.0247	0.0246	99.0	73-138	0.560	20	WG485064
Chloroethane	mg/l	0.0240	0.0236	96.0	49-155	1.93	20	WG485064
Chloroform	mg/l	0.0213	0.0214	85.0	66-126	0.400	20	WG485064
Chloromethane	mg/l	0.0194	0.0183	77.0	45-152	5.64	20	WG485064
cis-1,2-Dichloroethene	mg/l	0.0210	0.0222	84.0	72-128	5.12	20	WG485064
Di-isopropyl ether	mg/l	0.0203	0.0213	81.0	63-139	4.71	20	WG485064
Dibromomethane	mg/l	0.0209	0.0214	83.0	73-125	2.39	20	WG485064
Dichlorodifluoromethane	mg/l	0.0156	0.0153	62.0	39-189	2.05	24	WG485064
Ethylbenzene	mg/l	0.0225	0.0227	90.0	76-129	0.640	20	WG485064
Hexachloro-1,3-butadiene	mg/l	0.0218	0.0216	87.0	67-135	0.690	20	WG485064

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Ty Colwell
111 MacKenan Drive

Cary, NC 27511

Quality Assurance Report
Level II

L465167

June 23, 2010

Analyte	Units	Laboratory Control Sample Duplicate Result	Ref	%Rec	Limit	RPD	Limit	Batch
Isopropylbenzene	mg/l	0.0211	0.0221	84.0	73-132	4.75	20	WG485064
m&p-Xylenes	mg/l	0.0431	0.0451	86.0	74-128	4.60	20	WG485064
Methyl tert-butyl ether	mg/l	0.0209	0.0207	84.0	51-142	0.770	20	WG485064
Methylene Chloride	mg/l	0.0183	0.0182	73.0	64-125	0.680	20	WG485064
n-Butylbenzene	mg/l	0.0217	0.0231	87.0	63-142	6.41	20	WG485064
n-Propylbenzene	mg/l	0.0223	0.0237	89.0	71-132	5.92	20	WG485064
o-Xylene	mg/l	0.0221	0.0231	88.0	78-128	4.83	20	WG485064
p-Isopropyltoluene	mg/l	0.0223	0.0238	89.0	68-138	6.42	20	WG485064
sec-Butylbenzene	mg/l	0.0227	0.0241	91.0	70-135	6.10	20	WG485064
Styrene	mg/l	0.0229	0.0240	92.0	78-130	4.62	20	WG485064
tert-Butylbenzene	mg/l	0.0231	0.0239	92.0	72-134	3.23	20	WG485064
Tetrachloroethene	mg/l	0.0220	0.0229	88.0	67-135	4.18	20	WG485064
Toluene	mg/l	0.0203	0.0194	81.0	72-122	4.38	20	WG485064
trans-1,2-Dichloroethene	mg/l	0.0188	0.0183	75.0	67-129	2.50	20	WG485064
Trichloroethene	mg/l	0.0206	0.0210	82.0	74-126	1.82	20	WG485064
Trichlorofluoromethane	mg/l	0.0236	0.0237	94.0	54-156	0.370	20	WG485064
Vinyl chloride	mg/l	0.0188	0.0182	75.0	55-153	3.05	20	WG485064
4-Bromofluorobenzene				99.15	75-128			WG485064
Dibromofluoromethane				104.0	79-125			WG485064
Toluene-d8				98.33	87-114			WG485064
a,a,a-Trifluorotoluene				90.46	84-114			WG485064

Analyte	Units	Matrix Spike MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
1,1,1,2-Tetrachloroethane	mg/l	0.0237	0	.025	94.6	45-152	L464298-01	WG484866
1,1,1-Trichloroethane	mg/l	0.0231	0	.025	92.3	31-161	L464298-01	WG484866
1,1,2,2-Tetrachloroethane	mg/l	0.0267	0	.025	107.	49-149	L464298-01	WG484866
1,1,2-Trichloroethane	mg/l	0.0242	0	.025	96.7	46-145	L464298-01	WG484866
1,1-Dichloroethane	mg/l	0.0217	0	.025	86.8	30-159	L464298-01	WG484866
1,1-Dichloroethene	mg/l	0.0179	0	.025	71.5	10-162	L464298-01	WG484866
1,1-Dichloropropene	mg/l	0.0212	0	.025	84.8	14-162	L464298-01	WG484866
1,2,3-Trichlorobenzene	mg/l	0.0240	0	.025	95.8	32-143	L464298-01	WG484866
1,2,3-Trichloropropane	mg/l	0.0256	0	.025	102.	48-148	L464298-01	WG484866
1,2,4-Trichlorobenzene	mg/l	0.0230	0	.025	92.2	27-142	L464298-01	WG484866
1,2,4-Trimethylbenzene	mg/l	0.0248	0	.025	99.0	29-153	L464298-01	WG484866
1,2-Dibromo-3-Chloropropane	mg/l	0.0243	0	.025	97.4	37-148	L464298-01	WG484866
1,2-Dibromoethane	mg/l	0.0220	0	.025	88.1	41-149	L464298-01	WG484866
1,2-Dichlorobenzene	mg/l	0.0243	0	.025	97.0	40-139	L464298-01	WG484866
1,2-Dichloroethane	mg/l	0.0236	0	.025	94.4	29-167	L464298-01	WG484866
1,2-Dichloropropane	mg/l	0.0226	0	.025	90.5	39-148	L464298-01	WG484866
1,3,5-Trimethylbenzene	mg/l	0.0246	0	.025	98.3	33-149	L464298-01	WG484866
1,3-Dichlorobenzene	mg/l	0.0240	0	.025	96.1	32-148	L464298-01	WG484866
1,3-Dichloropropane	mg/l	0.0229	0	.025	91.5	44-142	L464298-01	WG484866
1,4-Dichlorobenzene	mg/l	0.0230	0	.025	92.1	32-136	L464298-01	WG484866
2,2-Dichloropropane	mg/l	0.0234	0	.025	93.6	14-158	L464298-01	WG484866
2-Butanone (MEK)	mg/l	0.127	0	.125	101.	32-151	L464298-01	WG484866
2-Chlorotoluene	mg/l	0.0252	0	.025	101.	35-147	L464298-01	WG484866
4-Chlorotoluene	mg/l	0.0243	0	.025	97.4	33-147	L464298-01	WG484866
4-Methyl-2-pentanone (MIBK)	mg/l	0.133	0	.125	106.	40-160	L464298-01	WG484866
Acetone	mg/l	0.116	0	.125	92.6	25-157	L464298-01	WG484866
Acrolein	mg/l	0.0396	0	.125	31.7	0-179	L464298-01	WG484866
Acrylonitrile	mg/l	0.121	0	.125	96.5	37-162	L464298-01	WG484866
Benzene	mg/l	0.0212	0	.025	84.8	16-158	L464298-01	WG484866
Bromobenzene	mg/l	0.0236	0	.025	94.2	37-147	L464298-01	WG484866
Bromodichloromethane	mg/l	0.0250	0	.025	100.	45-147	L464298-01	WG484866
Bromoform	mg/l	0.0251	0	.025	100.	38-152	L464298-01	WG484866
Bromomethane	mg/l	0.0194	0	.025	77.4	0-191	L464298-01	WG484866
Carbon tetrachloride	mg/l	0.0220	0	.025	88.2	22-168	L464298-01	WG484866

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Est. 1970

Withers & Ravenel Eng. - Standard
Ty Colwell
111 MacKenan Drive

Cary, NC 27511

Quality Assurance Report
Level II

L465167

June 23, 2010

Analyte	Units	MS Res	Matrix Spike Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Chlorobenzene	mg/l	0.0232	0	.025	93.0	33-148	L464298-01	WG484866
Chlorodibromomethane	mg/l	0.0237	0	.025	94.7	48-151	L464298-01	WG484866
Chloroethane	mg/l	0.0207	0	.025	82.7	4-176	L464298-01	WG484866
Chloroform	mg/l	0.0233	0	.025	93.3	37-147	L464298-01	WG484866
Chloromethane	mg/l	0.0176	0	.025	70.3	10-174	L464298-01	WG484866
cis-1,2-Dichloroethene	mg/l	0.0217	0	.025	86.8	29-156	L464298-01	WG484866
Di-isopropyl ether	mg/l	0.0228	0	.025	91.0	39-160	L464298-01	WG484866
Dibromomethane	mg/l	0.0234	0	.025	93.6	36-152	L464298-01	WG484866
Dichlorodifluoromethane	mg/l	0.0165	0	.025	66.0	0-200	L464298-01	WG484866
Ethylbenzene	mg/l	0.0233	0	.025	93.3	29-150	L464298-01	WG484866
Hexachloro-1,3-butadiene	mg/l	0.0231	0	.025	92.4	28-144	L464298-01	WG484866
Isopropylbenzene	mg/l	0.0215	0	.025	86.1	35-147	L464298-01	WG484866
m&p-Xylenes	mg/l	0.0474	0	.05	94.8	24-151	L464298-01	WG484866
Methyl tert-butyl ether	mg/l	0.0226	0	.025	90.2	24-167	L464298-01	WG484866
Methylene Chloride	mg/l	0.0190	0	.025	76.0	23-151	L464298-01	WG484866
n-Butylbenzene	mg/l	0.0248	0	.025	99.2	22-151	L464298-01	WG484866
n-Propylbenzene	mg/l	0.0237	0	.025	94.7	26-150	L464298-01	WG484866
Naphthalene	mg/l	0.0243	0	.025	97.1	24-160	L464298-01	WG484866
o-Xylene	mg/l	0.0232	0	.025	92.7	32-151	L464298-01	WG484866
p-Isopropyltoluene	mg/l	0.0240	0	.025	96.1	28-151	L464298-01	WG484866
sec-Butylbenzene	mg/l	0.0248	0	.025	99.2	32-149	L464298-01	WG484866
Styrene	mg/l	0.0247	0	.025	98.9	38-149	L464298-01	WG484866
tert-Butylbenzene	mg/l	0.0247	0	.025	98.9	36-149	L464298-01	WG484866
Tetrachloroethene	mg/l	0.0222	0	.025	88.7	13-157	L464298-01	WG484866
Toluene	mg/l	0.0218	0	.025	87.2	22-152	L464298-01	WG484866
trans-1,2-Dichloroethene	mg/l	0.0198	0	.025	79.4	11-160	L464298-01	WG484866
Trichloroethene	mg/l	0.0210	0	.025	83.9	18-163	L464298-01	WG484866
Trichlorofluoromethane	mg/l	0.0223	0	.025	89.2	10-177	L464298-01	WG484866
Vinyl chloride	mg/l	0.0191	0	.025	76.3	0-179	L464298-01	WG484866
4-Bromofluorobenzene					101.1	75-128		WG484866
Dibromofluoromethane					101.1	79-125		WG484866
Toluene-d8					102.8	87-114		WG484866
a,a,a-Trifluorotoluene					103.0	84-114		WG484866
Bromomethane	mg/l	0.0317	0	.025	127.	0-191	L464044-06	WG484904
Naphthalene	mg/l	0.0237	0	.025	94.8	24-160	L464044-06	WG484904
4-Bromofluorobenzene					107.8	75-128		WG484904
Dibromofluoromethane					113.2	79-125		WG484904
Toluene-d8					104.8	87-114		WG484904
a,a,a-Trifluorotoluene					102.0	84-114		WG484904
1,1,1,2-Tetrachloroethane	mg/l	0.0235	0	.025	94.1	45-152	L464940-04	WG485064
1,1,1-Trichloroethane	mg/l	0.0257	0	.025	103.	31-161	L464940-04	WG485064
1,1,2,2-Tetrachloroethane	mg/l	0.0281	0	.025	112.	49-149	L464940-04	WG485064
1,1,2-Trichloroethane	mg/l	0.0290	0	.025	116.	46-145	L464940-04	WG485064
1,1-Dichloroethane	mg/l	0.0241	0	.025	96.4	30-159	L464940-04	WG485064
1,1-Dichloroethene	mg/l	0.0242	0	.025	96.8	10-162	L464940-04	WG485064
1,1-Dichloropropene	mg/l	0.0241	0	.025	96.2	14-162	L464940-04	WG485064
1,2,3-Trichlorobenzene	mg/l	0.0216	0	.025	86.3	32-143	L464940-04	WG485064
1,2,3-Trichloropropane	mg/l	0.0254	0	.025	102.	48-148	L464940-04	WG485064
1,2,4-Trichlorobenzene	mg/l	0.0224	0	.025	89.4	27-142	L464940-04	WG485064
1,2,4-Trimethylbenzene	mg/l	0.0420	0.0230	.025	76.2	29-153	L464940-04	WG485064
1,2-Dibromo-3-Chloropropane	mg/l	0.0239	0	.025	95.6	37-148	L464940-04	WG485064
1,2-Dibromoethane	mg/l	0.0224	0	.025	89.8	41-149	L464940-04	WG485064
1,2-Dichlorobenzene	mg/l	0.0234	0	.025	93.6	40-139	L464940-04	WG485064
1,2-Dichloroethane	mg/l	0.0233	0	.025	93.1	29-167	L464940-04	WG485064
1,2-Dichloropropane	mg/l	0.0231	0	.025	92.3	39-148	L464940-04	WG485064

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Level II

L465167

June 23, 2010

Analyte	Units	MS Res	Matrix Spike Ref Res	TV	% Rec	Limit	Ref Samp	Batch
1,3,5-Trimethylbenzene	mg/l	0.0380	0.0130	.025	100.	33-149	L464940-04	WG485064
1,3-Dichlorobenzene	mg/l	0.0249	0	.025	99.4	32-148	L464940-04	WG485064
1,3-Dichloropropane	mg/l	0.0214	0	.025	85.4	44-142	L464940-04	WG485064
1,4-Dichlorobenzene	mg/l	0.0230	0	.025	92.2	32-136	L464940-04	WG485064
2,2-Dichloropropane	mg/l	0.0255	0	.025	102.	14-158	L464940-04	WG485064
2-Butanone (MEK)	mg/l	0.103	0	.125	82.4	32-151	L464940-04	WG485064
2-Chlorotoluene	mg/l	0.0242	0	.025	96.6	35-147	L464940-04	WG485064
4-Chlorotoluene	mg/l	0.0245	0	.025	97.9	33-147	L464940-04	WG485064
4-Methyl-2-pentanone (MIBK)	mg/l	0.118	0	.125	94.6	40-160	L464940-04	WG485064
Acetone	mg/l	0.111	0	.125	88.5	25-157	L464940-04	WG485064
Acrolein	mg/l	0.629	0	.125	503.*	0-179	L464940-04	WG485064
Acrylonitrile	mg/l	0.116	0	.125	93.0	37-162	L464940-04	WG485064
Benzene	mg/l	0.0236	0.0150	.025	34.2	16-158	L464940-04	WG485064
Bromobenzene	mg/l	0.0242	0	.025	96.7	37-147	L464940-04	WG485064
Bromodichloromethane	mg/l	0.0240	0	.025	95.8	45-147	L464940-04	WG485064
Bromoform	mg/l	0.0230	0	.025	92.0	38-152	L464940-04	WG485064
Carbon tetrachloride	mg/l	0.0236	0	.025	94.5	22-168	L464940-04	WG485064
Chlorobenzene	mg/l	0.0226	0	.025	90.5	33-148	L464940-04	WG485064
Chlorodibromomethane	mg/l	0.0227	0	.025	90.8	48-151	L464940-04	WG485064
Chloroethane	mg/l	0.0219	0	.025	87.7	4-176	L464940-04	WG485064
Chloroform	mg/l	0.0244	0	.025	97.5	37-147	L464940-04	WG485064
Chloromethane	mg/l	0.0183	0	.025	73.1	10-174	L464940-04	WG485064
cis-1,2-Dichloroethene	mg/l	0.0233	0	.025	93.2	29-156	L464940-04	WG485064
Di-isopropyl ether	mg/l	0.0233	0	.025	93.2	39-160	L464940-04	WG485064
Dibromomethane	mg/l	0.0220	0	.025	87.9	36-152	L464940-04	WG485064
Dichlorodifluoromethane	mg/l	0.0227	0	.025	90.7	0-200	L464940-04	WG485064
Ethylbenzene	mg/l	0.0337	0.0260	.025	30.7	29-150	L464940-04	WG485064
Hexachloro-1,3-butadiene	mg/l	0.0200	0	.025	79.9	28-144	L464940-04	WG485064
Isopropylbenzene	mg/l	0.0313	0.00700	.025	97.2	35-147	L464940-04	WG485064
m&p-Xylenes	mg/l	0.141	0.0899	.05	102.	24-151	L464940-04	WG485064
Methyl tert-butyl ether	mg/l	0.0236	0	.025	94.5	24-167	L464940-04	WG485064
Methylene Chloride	mg/l	0.0207	0	.025	82.9	23-151	L464940-04	WG485064
n-Butylbenzene	mg/l	0.0280	0.00380	.025	96.8	22-151	L464940-04	WG485064
n-Propylbenzene	mg/l	0.0341	0.0110	.025	92.3	26-150	L464940-04	WG485064
o-Xylene	mg/l	0.0337	0.0101	.025	94.5	32-151	L464940-04	WG485064
p-Isopropyltoluene	mg/l	0.168	0.160	.025	31.0	28-151	L464940-04	WG485064
sec-Butylbenzene	mg/l	0.0300	0.00500	.025	99.8	32-149	L464940-04	WG485064
Styrene	mg/l	0.0231	0	.025	92.3	38-149	L464940-04	WG485064
tert-Butylbenzene	mg/l	0.0257	0	.025	103.	36-149	L464940-04	WG485064
Tetrachloroethene	mg/l	0.0233	0	.025	93.3	13-157	L464940-04	WG485064
Toluene	mg/l	0.0257	0	.025	103.	22-152	L464940-04	WG485064
trans-1,2-Dichloroethene	mg/l	0.0222	0	.025	89.0	11-160	L464940-04	WG485064
Trichloroethene	mg/l	0.0232	0	.025	92.7	18-163	L464940-04	WG485064
Trichlorofluoromethane	mg/l	0.0258	0	.025	103.	10-177	L464940-04	WG485064
Vinyl chloride	mg/l	0.0204	0	.025	81.4	0-179	L464940-04	WG485064
4-Bromofluorobenzene					103.8	75-128		WG485064
Dibromofluoromethane					108.2	79-125		WG485064
Toluene-d8					100.6	87-114		WG485064
a,a,a-Trifluorotoluene					88.33	84-114		WG485064

Analyte	Units	MSD	Matrix Spike Duplicate Ref	%Rec	Limit	RPD	Limit	Ref Samp	Batch
1,1,1,2-Tetrachloroethane	mg/l	0.0251	0.0237	100.	45-152	6.01	21	L464298-01	WG484866
1,1,1-Trichloroethane	mg/l	0.0235	0.0231	93.9	31-161	1.73	23	L464298-01	WG484866
1,1,2,2-Tetrachloroethane	mg/l	0.0279	0.0267	112.	49-149	4.45	22	L464298-01	WG484866
1,1,2-Trichloroethane	mg/l	0.0251	0.0242	100.	46-145	3.61	20	L464298-01	WG484866
1,1-Dichloroethane	mg/l	0.0220	0.0217	88.2	30-159	1.53	21	L464298-01	WG484866
1,1-Dichloroethene	mg/l	0.0171	0.0179	68.6	10-162	4.18	23	L464298-01	WG484866

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Cary, NC 27511

Quality Assurance Report
Level II

L465167

June 23, 2010

Analyte	Units	MSD	Matrix Spike Ref	Duplicate %Rec	Limit	RPD	Limit	Ref Samp	Batch
1,1-Dichloropropene	mg/l	0.0219	0.0212	87.6	14-162	3.16	23	L464298-01	WG484866
1,2,3-Trichlorobenzene	mg/l	0.0272	0.0240	109.	32-143	12.7	33	L464298-01	WG484866
1,2,3-Trichloropropane	mg/l	0.0258	0.0256	103.	48-148	0.680	23	L464298-01	WG484866
1,2,4-Trichlorobenzene	mg/l	0.0254	0.0230	102.	27-142	9.66	30	L464298-01	WG484866
1,2,4-Trimethylbenzene	mg/l	0.0266	0.0248	106.	29-153	7.00	27	L464298-01	WG484866
1,2-Dibromo-3-Chloropropane	mg/l	0.0243	0.0243	97.3	37-148	0.0300	27	L464298-01	WG484866
1,2-Dibromoethane	mg/l	0.0237	0.0220	94.7	41-149	7.23	21	L464298-01	WG484866
1,2-Dichlorobenzene	mg/l	0.0250	0.0243	99.9	40-139	2.91	23	L464298-01	WG484866
1,2-Dichloroethane	mg/l	0.0239	0.0236	95.5	29-167	1.17	21	L464298-01	WG484866
1,2-Dichloropropane	mg/l	0.0242	0.0226	96.9	39-148	6.86	20	L464298-01	WG484866
1,3,5-Trimethylbenzene	mg/l	0.0262	0.0246	105.	33-149	6.23	26	L464298-01	WG484866
1,3-Dichlorobenzene	mg/l	0.0267	0.0240	107.	32-148	10.5	24	L464298-01	WG484866
1,3-Dichloropropane	mg/l	0.0235	0.0229	93.8	44-142	2.48	20	L464298-01	WG484866
1,4-Dichlorobenzene	mg/l	0.0242	0.0230	96.7	32-136	4.94	23	L464298-01	WG484866
2,2-Dichloropropane	mg/l	0.0231	0.0234	92.5	14-158	1.22	23	L464298-01	WG484866
2-Butanone (MEK)	mg/l	0.117	0.127	93.8	32-151	7.69	26	L464298-01	WG484866
2-Chlorotoluene	mg/l	0.0272	0.0252	109.	35-147	7.91	24	L464298-01	WG484866
4-Chlorotoluene	mg/l	0.0263	0.0243	105.	33-147	7.69	25	L464298-01	WG484866
4-Methyl-2-pentanone (MIBK)	mg/l	0.126	0.133	101.	40-160	4.91	28	L464298-01	WG484866
Acetone	mg/l	0.113	0.116	90.8	25-157	1.93	26	L464298-01	WG484866
Acrolein	mg/l	0.0382	0.0396	30.5	0-179	3.67	39	L464298-01	WG484866
Acrylonitrile	mg/l	0.118	0.121	94.1	37-162	2.49	24	L464298-01	WG484866
Benzene	mg/l	0.0215	0.0212	85.9	16-158	1.22	21	L464298-01	WG484866
Bromobenzene	mg/l	0.0249	0.0236	99.7	37-147	5.70	23	L464298-01	WG484866
Bromodichloromethane	mg/l	0.0256	0.0250	102.	45-147	2.54	20	L464298-01	WG484866
Bromoform	mg/l	0.0269	0.0251	108.	38-152	7.06	20	L464298-01	WG484866
Bromomethane	mg/l	0.0186	0.0194	74.5	0-191	3.76	35	L464298-01	WG484866
Carbon tetrachloride	mg/l	0.0219	0.0220	87.6	22-168	0.680	24	L464298-01	WG484866
Chlorobenzene	mg/l	0.0249	0.0232	99.7	33-148	7.02	22	L464298-01	WG484866
Chlorodibromomethane	mg/l	0.0256	0.0237	102.	48-151	7.75	21	L464298-01	WG484866
Chloroethane	mg/l	0.0208	0.0207	83.2	4-176	0.640	27	L464298-01	WG484866
Chloroform	mg/l	0.0236	0.0233	94.2	37-147	0.960	21	L464298-01	WG484866
Chloromethane	mg/l	0.0190	0.0176	76.0	10-174	7.80	28	L464298-01	WG484866
cis-1,2-Dichloroethene	mg/l	0.0230	0.0217	91.9	29-156	5.77	22	L464298-01	WG484866
Di-isopropyl ether	mg/l	0.0232	0.0228	92.7	39-160	1.83	21	L464298-01	WG484866
Dibromomethane	mg/l	0.0249	0.0234	99.6	36-152	6.26	20	L464298-01	WG484866
Dichlorodifluoromethane	mg/l	0.0174	0.0165	69.5	0-200	5.09	26	L464298-01	WG484866
Ethylbenzene	mg/l	0.0245	0.0233	98.1	29-150	5.05	24	L464298-01	WG484866
Hexachloro-1,3-butadiene	mg/l	0.0253	0.0231	101.	28-144	9.19	33	L464298-01	WG484866
Isopropylbenzene	mg/l	0.0228	0.0215	91.4	35-147	5.93	25	L464298-01	WG484866
m&p-Xylenes	mg/l	0.0502	0.0474	100.	24-151	5.76	23	L464298-01	WG484866
Methyl tert-butyl ether	mg/l	0.0225	0.0226	90.1	24-167	0.160	22	L464298-01	WG484866
Methylene Chloride	mg/l	0.0196	0.0190	78.5	23-151	3.33	21	L464298-01	WG484866
n-Butylbenzene	mg/l	0.0254	0.0248	102.	22-151	2.40	29	L464298-01	WG484866
n-Propylbenzene	mg/l	0.0251	0.0237	100.	26-150	5.96	25	L464298-01	WG484866
Naphthalene	mg/l	0.0263	0.0243	105.	24-160	8.17	37	L464298-01	WG484866
o-Xylene	mg/l	0.0253	0.0232	101.	32-151	8.72	23	L464298-01	WG484866
p-Isopropyltoluene	mg/l	0.0260	0.0240	104.	28-151	7.77	27	L464298-01	WG484866
sec-Butylbenzene	mg/l	0.0266	0.0248	106.	32-149	7.05	26	L464298-01	WG484866
Styrene	mg/l	0.0256	0.0247	102.	38-149	3.64	23	L464298-01	WG484866
tert-Butylbenzene	mg/l	0.0263	0.0247	105.	36-149	6.17	26	L464298-01	WG484866
Tetrachloroethene	mg/l	0.0231	0.0222	92.2	13-157	3.92	24	L464298-01	WG484866
Toluene	mg/l	0.0226	0.0218	90.3	22-152	3.45	22	L464298-01	WG484866
trans-1,2-Dichloroethene	mg/l	0.0194	0.0198	77.6	11-160	2.26	23	L464298-01	WG484866
Trichloroethene	mg/l	0.0221	0.0210	88.3	18-163	5.10	21	L464298-01	WG484866
Trichlorofluoromethane	mg/l	0.0224	0.0223	89.8	10-177	0.720	24	L464298-01	WG484866
Vinyl chloride	mg/l	0.0195	0.0191	78.2	0-179	2.42	26	L464298-01	WG484866
4-Bromofluorobenzene				105.7	75-128				WG484866
Dibromofluoromethane				100.3	79-125				WG484866

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Quality Assurance Report
Level II

L465167

June 23, 2010

Analyte	Units	Matrix Spike MSD	Ref	Duplicate %Rec	Limit	RPD	Limit	Ref Samp	Batch
Toluene-d8				101.5	87-114				
a,a,a-Trifluorotoluene				102.5	84-114				
Bromomethane	mg/l	0.0334	0.0317	134.	0-191	5.28	35	L464044-06	WG484904
Naphthalene	mg/l	0.0252	0.0237	101.	24-160	6.19	37	L464044-06	WG484904
4-Bromofluorobenzene				108.6	75-128				WG484904
Dibromofluoromethane				104.8	79-125				WG484904
Toluene-d8				104.9	87-114				WG484904
a,a,a-Trifluorotoluene				107.8	84-114				WG484904
1,1,1,2-Tetrachloroethane	mg/l	0.0225	0.0235	89.8	45-152	4.64	21	L464940-04	WG485064
1,1,1-Trichloroethane	mg/l	0.0246	0.0257	98.6	31-161	4.35	23	L464940-04	WG485064
1,1,2,2-Tetrachloroethane	mg/l	0.0261	0.0281	104.	49-149	7.45	22	L464940-04	WG485064
1,1,2-Trichloroethane	mg/l	0.0298	0.0290	119.	46-145	2.52	20	L464940-04	WG485064
1,1-Dichloroethane	mg/l	0.0230	0.0241	92.0	30-159	4.67	21	L464940-04	WG485064
1,1-Dichloroethene	mg/l	0.0226	0.0242	90.5	10-162	6.75	23	L464940-04	WG485064
1,1-Dichloropropene	mg/l	0.0232	0.0241	92.7	14-162	3.72	23	L464940-04	WG485064
1,2,3-Trichlorobenzene	mg/l	0.0208	0.0216	83.4	32-143	3.50	33	L464940-04	WG485064
1,2,3-Trichloropropane	mg/l	0.0239	0.0254	95.6	48-148	6.10	23	L464940-04	WG485064
1,2,4-Trichlorobenzene	mg/l	0.0208	0.0224	83.4	27-142	6.98	30	L464940-04	WG485064
1,2,4-Trimethylbenzene	mg/l	0.0389	0.0420	63.6	29-153	7.79	27	L464940-04	WG485064
1,2-Dibromo-3-Chloropropane	mg/l	0.0231	0.0239	92.3	37-148	3.45	27	L464940-04	WG485064
1,2-Dibromoethane	mg/l	0.0214	0.0224	85.6	41-149	4.77	21	L464940-04	WG485064
1,2-Dichlorobenzene	mg/l	0.0223	0.0234	89.1	40-139	4.96	23	L464940-04	WG485064
1,2-Dichloroethane	mg/l	0.0219	0.0233	87.4	29-167	6.30	21	L464940-04	WG485064
1,2-Dichloropropane	mg/l	0.0220	0.0231	88.0	39-148	4.76	20	L464940-04	WG485064
1,3,5-Trimethylbenzene	mg/l	0.0349	0.0380	87.4	33-149	8.60	26	L464940-04	WG485064
1,3-Dichlorobenzene	mg/l	0.0226	0.0249	90.4	32-148	9.51	24	L464940-04	WG485064
1,3-Dichloropropane	mg/l	0.0210	0.0214	84.0	44-142	1.67	20	L464940-04	WG485064
1,4-Dichlorobenzene	mg/l	0.0220	0.0230	88.0	32-136	4.66	23	L464940-04	WG485064
2,2-Dichloropropane	mg/l	0.0249	0.0255	99.4	14-158	2.67	23	L464940-04	WG485064
2-Butanone (MEK)	mg/l	0.0998	0.103	79.9	32-151	3.17	26	L464940-04	WG485064
2-Chlorotoluene	mg/l	0.0223	0.0242	89.3	35-147	7.86	24	L464940-04	WG485064
4-Chlorotoluene	mg/l	0.0219	0.0245	87.6	33-147	11.1	25	L464940-04	WG485064
4-Methyl-2-pentanone (MIBK)	mg/l	0.112	0.118	90.0	40-160	5.09	28	L464940-04	WG485064
Acetone	mg/l	0.102	0.111	81.7	25-157	7.96	26	L464940-04	WG485064
Acrolein	mg/l	0.591	0.629	472.*	0-179	6.32	39	L464940-04	WG485064
Acrylonitrile	mg/l	0.111	0.116	88.8	37-162	4.63	24	L464940-04	WG485064
Benzene	mg/l	0.0217	0.0236	26.7	16-158	8.32	21	L464940-04	WG485064
Bromobenzene	mg/l	0.0218	0.0242	87.2	37-147	10.3	23	L464940-04	WG485064
Bromodichloromethane	mg/l	0.0226	0.0240	90.6	45-147	5.67	20	L464940-04	WG485064
Bromoform	mg/l	0.0214	0.0230	85.6	38-152	7.19	20	L464940-04	WG485064
Carbon tetrachloride	mg/l	0.0220	0.0236	87.8	22-168	7.34	24	L464940-04	WG485064
Chlorobenzene	mg/l	0.0217	0.0226	86.9	33-148	4.07	22	L464940-04	WG485064
Chlorodibromomethane	mg/l	0.0221	0.0227	88.5	48-151	2.54	21	L464940-04	WG485064
Chloroethane	mg/l	0.0227	0.0219	90.6	4-176	3.25	27	L464940-04	WG485064
Chloroform	mg/l	0.0229	0.0244	91.5	37-147	6.37	21	L464940-04	WG485064
Chloromethane	mg/l	0.0184	0.0183	73.7	10-174	0.910	28	L464940-04	WG485064
cis-1,2-Dichloroethene	mg/l	0.0225	0.0233	89.9	29-156	3.55	22	L464940-04	WG485064
Di-isopropyl ether	mg/l	0.0220	0.0233	87.9	39-160	5.89	21	L464940-04	WG485064
Dibromomethane	mg/l	0.0206	0.0220	82.3	36-152	6.53	20	L464940-04	WG485064
Dichlorodifluoromethane	mg/l	0.0221	0.0227	88.5	0-200	2.42	26	L464940-04	WG485064
Ethylbenzene	mg/l	0.0313	0.0337	21.1*	29-150	7.38	24	L464940-04	WG485064
Hexachloro-1,3-butadiene	mg/l	0.0198	0.0200	79.2	28-144	0.840	33	L464940-04	WG485064
Isopropylbenzene	mg/l	0.0294	0.0313	89.6	35-147	6.27	25	L464940-04	WG485064
m&p-Xylenes	mg/l	0.131	0.141	82.8	24-151	7.17	23	L464940-04	WG485064
Methyl tert-butyl ether	mg/l	0.0219	0.0236	87.5	24-167	7.64	22	L464940-04	WG485064
Methylene Chloride	mg/l	0.0192	0.0207	76.8	23-151	7.73	21	L464940-04	WG485064
n-Butylbenzene	mg/l	0.0264	0.0280	90.4	22-151	5.88	29	L464940-04	WG485064

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June 23, 2010

Analyte	Units	Matrix Spike Duplicate MSD	Ref	%Rec	Limit	RPD	Limit	Ref Samp	Batch
n-Propylbenzene	mg/l	0.0304	0.0341	77.6	26-150	11.4	25	L464940-04	WG485064
o-Xylene	mg/l	0.0314	0.0337	85.1	32-151	7.19	23	L464940-04	WG485064
p-Isopropyltoluene	mg/l	0.159	0.168	0*	28-151	5.14	27	L464940-04	WG485064
sec-Butylbenzene	mg/l	0.0277	0.0300	90.8	32-149	7.83	26	L464940-04	WG485064
Styrene	mg/l	0.0202	0.0231	80.6	38-149	13.5	23	L464940-04	WG485064
tert-Butylbenzene	mg/l	0.0242	0.0257	96.8	36-149	6.00	26	L464940-04	WG485064
Tetrachloroethene	mg/l	0.0227	0.0233	91.0	13-157	2.55	24	L464940-04	WG485064
Toluene	mg/l	0.0248	0.0257	99.3	22-152	3.58	22	L464940-04	WG485064
trans-1,2-Dichloroethene	mg/l	0.0205	0.0222	82.1	11-160	8.00	23	L464940-04	WG485064
Trichloroethene	mg/l	0.0220	0.0232	88.0	18-163	5.17	21	L464940-04	WG485064
Trichlorofluoromethane	mg/l	0.0256	0.0258	102.	10-177	0.430	24	L464940-04	WG485064
Vinyl chloride	mg/l	0.0199	0.0204	79.4	0-179	2.49	26	L464940-04	WG485064
4-Bromofluorobenzene				100.4	75-128				WG485064
Dibromofluoromethane				102.3	79-125				WG485064
Toluene-d8				102.0	87-114				WG485064
a,a,a-Trifluorotoluene				90.45	84-114				WG485064

Batch number /Run number / Sample number cross reference

WG484866: R1262848: L465167-02 03 04 05
WG484904: R1264008: L465167-01
WG485064: R1264089: L465167-01

* * Calculations are performed prior to rounding of reported values .
* Performance of this Analyte is outside of established criteria.
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'

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Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

Withers & Ravenel Eng. - Standard
Ty Colwell
111 MacKenan Drive

Cary, NC 27511

Quality Assurance Report
Level II

L465167

June 23, 2010

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

Groundwater Samples

Samples for this project are in 4 separate coolers
Fed Ex order #s - 00740067 00718213
00734206 00710032

Withers & Ravenel Eng.
111 MacKenan Drive
Cary, NC 27511

Alternate billing information:
(Circle One)
WITHRAV - State Lead
WITHRAVR - Trustfund
WITHRAVD - DSCA
WITHRAVS - Standard

Report to: Ty Colwell
Email to: tcolwell @withersravenel.com

Project Description: 1400 Point Harbor Rd
City/State Collected: Wilmington, NC
Phone: 919-469-3340
FAX: 919-467-6008
Client Project #: 02100148.00
ESC Key:
Collected by: Troy Beasley
Site/Facility ID#:
P.O.#:
Collected by (signature): TBS
Packed on Ice Y
Rush? (Lab MUST Be Notified)
___ Same Day.....200%
___ Next Day.....100%
___ Two Day.....50%
x 3 Day rush
Date Results Needed: 3 Day Rush
Email? __No ✓Yes
FAX? __No__Yes

Analysis/Container/Preservative: VOC - 6200B

Chain of Custody Page 1 of 5
C117

ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859
06-0066

CoCode (lab use only)
Template/Prelogin
Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	VOC - 6200B	Remarks/Contaminant	Sample # (lab only)
TW-1	Grab	water	10'	6/18/10	1000	2	✓		L465167-01
TW-2	Grab	water	10'	6/18/10	1050	2	✓		02
TW-3	Grab	water	10'	6/18/10	1130	2	✓		03
TW-4	Grab	Water	10'	6/18/10	1350	2	✓		04
TW-5	Grab	water	10'	6/18/10	1435	2	✓		05

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other_____

pH _____ Temp _____
Flow _____ Other _____

Remarks: Please provide a 3 day rush for results, Email results to TY Colwell

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐	Condition: OK (lab use only)
TBS	6/18/10	1830			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature) 8648 5098 6249	Temp: 3.0 cc / Bottles Received: 17 8 + 3 tb	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) C. Good	Date: 6-19-10 / Time: 0900	pH Checked: / NCF:

Samples for this project are in 4 seperate coolers
FedEx order #s 00734206 00718213
00740067 00710032

Withers & Ravenel Eng.
111 MacKenan Drive
Cary, NC 27511

Alternate billing information:
(Circle One)
WITHRAV - State Lead
WITHRAVR - Trustfund
WITHRAVD - DSCA
WITHRAVS - Standard

Report to: Ty Colwell
Email to: tcolwell @withersravenel.com

Project Description: 1400 Point Harbor Rd
City/State Collected: wilmington, NC

Phone: 919-469-3340
FAX: 919-467-6008

Client Project #: 02100148.00
ESC Key:

Collected by: Troy Beasley
Site/Facility ID#:
P.O.#:

Collected by (signature): TBS
Packed on Ice N (Y)

Rush? (Lab MUST Be Notified)
____ Same Day.....200%
____ Next Day.....100%
____ Two Day.....50%

Date Results Needed:
Email? __No__Yes
FAX? __No__Yes

Analysis/Container/Preservative

Chain of Custody
Page 2 of 5

Prepared by:

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Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859
L465167

CoCode (lab use only)
Template/Prelogin
Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	TPH, DRO/GRO + 8260B	SVOCs x 8270	Pesticides & PCB x 8081/8082	Lead & Chromium					Remarks/Contaminant	Sample # (lab only)
SP-1	Grab	Soil	1'-3'	6/18/10	1530	5	✓									
SP-2	Grab	Soil	2'-4'	6/18/10	0930	5	✓									
SP-3	Grab	Soil	2'-4'	6/18/10	0845	5	✓									
SP-4	Grab	Soil	2'-4'	6/18/10	0900	5	✓									
SP-5	Grab	Soil	2'-4'	6/18/10	0910	5	✓									
SP-6	Grab	Soil	2'-4'	6/18/10	0945	5	✓									
SP-7	Grab	Soil	2'-4'	6/18/10	0950	5	✓									
SP-8	Grab	Soil	2'-4'	6/18/10	1030	5	✓									
SP-9	Grab	Soil	2-4	6/18/10	1040	5	✓									

*Matrix SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

pH _____ Temp _____
Flow _____ Other _____

Remarks: Please hold soil samples and do not begin testing until authorized by W&R. Ty Colwell will contact ESC after receiving GW results.

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐	Condition:	
TBS	6/18/10	1830			o/c (lab use only)	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 3.0°C	Bottles Received: 17 of 36	
			8695 1791 8331			
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 6-19-10	Time: 0900	pH Checked: / NCF:

Soil

Samples for this project are in 4 seperate coolers
FedEx order #s 00740667 00718213 00734206 00710032

Withers & Ravenel Eng.
111 MacKenan Drive
Cary, NC 27511

Alternate billing information:
(Circle One)
WITHRAV - State Lead
WITHRAVR - Trustfund
WITHRAVD - DSCA
WITHRAVS - Standard

Report to: Ty Colwell
Email to: tcolwell @withersravenel.com

Project Description: 1400 Point Harbor Rd
City/State Collected: Wilmington, NC
Phone: 919-469-3340
FAX: 919-467-6008
Client Project #: 02100148.00
ESC Key:
Collected by: Troy Beasley
Site/Facility ID#:
P.O.#:
Collected by (signature): TBS
Packed on Ice N (Y)
Rush? (Lab MUST Be Notified) See Remarks ___ Same Day.....200% ___ Next Day.....100% ___ Two Day.....50%
Date Results Needed: See Remarks
Email? __No ✓Yes
FAX? __No __Yes

Analysis/Container/Preservative

Chain of Custody Page 3 of 5

Prepared by:
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Mt. Juliet, TN 37122
Phone (615) 758-5858
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FAX (615) 758-5859
L465167

CoCode (lab use only)
Template/Prelogin
Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	TPH DRO/GRO + 8260B	SVOCs x 8270	Pesticides + PCB x 8081/8082	Lead and Chromium					Remarks/Contaminant	Sample # (lab only)
SP-10	Grab	Soil	0-3'	6/18/10	1415	5	✓									
SP-11	Grab	Soil	0-2'	6/18/10	1355	5	✓									
SP-12	Grab	Soil	2'-4'	6/18/10	1350	5	✓									
SP-13	Grab	Soil	0'-2'	6/18/10	1405	5	✓									
SP-14	Grab	Soil	0'-3'	6/18/10	1340	5	✓									
SP-15	Grab	Soil	0'-3'	6/18/10	1445	8	✓	✓	✓	✓						
SP-16	Grab	Soil	0-3	6/18/10	1430	8	✓	✓	✓	✓						
SP-17	Grab	Soil	0-3	6/18/10	1500	8	✓	✓	✓	✓						
Composite	Comp	Soil	—	6/18/10	1505	2			✓	✓						

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other _____

pH _____ Temp _____

Remarks: Hold soil samples and do not begin testing until authorized by W&R.
Ty Colwell will contact ESC after receiving GW results

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐	Condition: (lab use only)
TBS	6/18/10	1830			ok
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature) 8657 5534 8280	Temp: 5.0	Bottles Received: 178+3tb
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 6-19-10	Time: 0902

pH Checked: NCF:

Soil

Samples for this project are in 4 seperate coolers
FedEx order #s 00740067, 00718213
00734206, 00710032

Withers & Ravenel Eng.
111 MacKenan Drive
Cary, NC 27511

Alternate billing information:
(Circle One)
WITHRAV - State Lead
WITHRAVR - Trustfund
WITHRAVD - DSCA
WITHRAVS - Standard

Report to: Ty Colwell
Email to: tcolwell @withersravenel.com

Project Description: 1400 Point Harbor Road
City/State Collected: Wilmington, NC
Phone: 919-469-3340
FAX: 919-467-6008
Client Project #: 02100148.00
ESC Key:
Collected by: Troy Beasley
Site/Facility ID#:
P.O.#:
Collected by (signature): T Beasley
Packed on Ice N (Y)

Rush? (Lab MUST Be Notified)
See Remarks
____ Same Day.....200%
____ Next Day.....100%
____ Two Day.....50%

Date Results Needed: See Remarks
Email? __No ✓Yes
FAX? __No __Yes

Analysis/Container/Preservative

Chain of Custody
Page 4 of 5

Prepared by:
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FAX (615) 758-5859
L465167

CoCode (lab use only)
Template/Prelogin
Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	TPH DRO/GRO 8260B	Lead and Chromium							Remarks/Contaminant	Sample # (lab only)
SP-27	Grab	Soil	0-3	6/18/10	1250	5	✓									
SP-28	↓	↓	2-4	↓	1300	5	✓									
SP-29	↓	↓	2-4	↓	1050	5	✓									
SP-31	↓	↓	0-3	↓	1420	5	✓									
BG-1	↓	↓	0-2	↓	1550	1		✓								
BG-2	↓	↓	0-2	↓	1600	1		✓								

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

pH _____ Temp _____

Remarks: Hold soil samples and do not begin testing until authorized by W&R
Ty Colwell will contact ESC afer receiving GW Results

Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐	Condition: (lab use only)
T Beasley	6/18/10	1830	[illegible]		OK
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature) 8700 4648 3464	Temp: 3.0°C / Bottles Received: 17	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature) [illegible]	Date: 6-19-10 / Time: 0900	pH Checked: / NCF:

Soil

Samples for this project are in 4 separate coolers
Fed Ex order #s 00740067 00718213 00734206 00710032

Withers & Ravenel Eng.
111 MacKenan Drive
Cary, NC 27511

Alternate billing information:
(Circle One)
WITHRAV - State Lead
WITHRAVR - Trustfund
WITHRAVD - DSCA
WITHRAVS - Standard

Report to: Ty Colwell
Email to: tcolwell @withersravenel.com

Project Description: 1400 Point Harbor Road
City/State Collected: Wilmington, NC
Phone: 919-469-3340
FAX: 919-467-6008
Client Project #: 02100148.00
ESC Key:
Collected by: Troy Beasley
Site/Facility ID#:
P.O.#:
Collected by (signature): TBS
Packed on Ice N (Y)
Rush? (Lab MUST Be Notified)
See Remarks
___ Same Day.....200%
___ Next Day.....100%
___ Two Day.....50%
Date Results Needed: See Remarks
Email? __No ✓Yes
FAX? __No__Yes

Analysis/Container/Preservative: TPH DRO/GRO 8260B; Lead and Chromium

Chain of Custody Page 5 of 5

Prepared by:
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Phone (800) 767-5859
FAX (615) 758-5859
L465167

CoCode (lab use only)
Template/Prelogin
Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	TPH DRO/GRO 8260B	Lead and Chromium	Remarks/Contaminant	Sample # (lab only)
SP-18	Grab	Soil	0'-3'	6/18/10	1330	5	✓			
SP-19	Grab	Soil	2-4	6/18/10	1100	5	✓			
SP-20	Grab	Soil	2-4	6/18/10	1120	5	✓			
SP-21	↓	↓	3-6	↓	1230	5	✓			
SP-22	↓	↓	3-6	↓	1310	5	✓			
SP-23	↓	↓	0-3	↓	1305	5	✓			
SP-24	↓	↓	3-6	↓	1200	5	✓			
SP-25	↓	↓	3-6	↓	1140	5	✓			
SP-26	↓	↓	0-3	↓	1515	5	✓			

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other _____
pH _____ Temp _____
Remarks: Hold soil samples and do not begin testing until authorized by W&R.
Ty Colwell will contact ESC after receiving GW results
Flow _____ Other _____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐	Condition: ok (lab use only)
TBS	6/18/10	1830	[illegible]		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 3.0°C / Bottles Received: 17 8 3 1 6	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 6-19-10 / Time: 0900	pH Checked: / NCF:
			CJ Pkb		

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Mt. Juliet, TN 37122
(615) 758-5858
1-800-767-5859
Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

Report Summary

Tuesday July 06, 2010

Report Number: L466440
Samples Received: 06/19/10
Client Project: 02100148.00

Description: 1400 Pt. Harbor

The analytical results in this report are based upon information supplied by you, the client, and are for your exclusive use. If you have any questions regarding this data package, please do not hesitate to call.

Entire Report Reviewed By: Mark W. Beasley , ESC Representative

Laboratory Certification Numbers

A2LA - 1461-01, AIHA - 100789, AL - 40660, CA - I-2327, CT - PH-0197, FL - E87487
GA - 923, IN - C-TN-01, KY - 90010, KYUST - 0016, NC - ENV375/DW21704, ND - R-140
NJ - TN002,NJ NELAP - TN002, SC - 84004, TN - 2006, VA - 00109, WV - 233
AZ - 0612, MN - 047-999-395, NY - 11742, WI - 998093910, NV - TN000032008A

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Note: The use of the preparatory EPA Method 3511 is not approved or endorsed by the CA ELAP.

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Est. 1970

REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-01

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-1 1-3FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 15:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	88.7		%	2540G	07/02/10	1
TPH (GC/FID) Low Fraction	BDL	5.7	mg/kg	8015D/GRO	07/01/10	51
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	98.2		% Rec.	8015D/GRO	07/01/10	51
Volatile Organics						
Acetone	0.099	0.056	mg/kg	8260B	07/02/10	1
Acrylonitrile	BDL	0.011	mg/kg	8260B	07/02/10	1
Benzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Bromobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
Bromoform	BDL	0.0011	mg/kg	8260B	07/02/10	1
Bromomethane	BDL	0.0056	mg/kg	8260B	07/02/10	1
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	07/02/10	1
Chlorobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Chlorodibromomethane	BDL	0.028	mg/kg	8260B	07/02/10	1
Chloroethane	BDL	0.0056	mg/kg	8260B	07/02/10	1
2-Chloroethyl vinyl ether	BDL	0.056	mg/kg	8260B	07/02/10	1
Chloroform	BDL	0.0056	mg/kg	8260B	07/02/10	1
Chloromethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	07/02/10	1
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,2-Dibromo-3-Chloropropane	BDL	0.0056	mg/kg	8260B	07/02/10	1
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
Dibromomethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Dichlorodifluoromethane	BDL	0.0056	mg/kg	8260B	07/02/10	1
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/02/10	1
cis-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/02/10	1
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,3-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/02/10	1
cis-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/02/10	1
trans-1,3-Dichloropropene	BDL	0.028	mg/kg	8260B	07/02/10	1
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/02/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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Est. 1970

REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-01

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-1 1-3FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 15:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	07/02/10	1
Ethylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Hexachloro-1,3-butadiene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
p-Isopropyltoluene	BDL	0.0011	mg/kg	8260B	07/02/10	1
2-Butanone (MEK)	BDL	0.028	mg/kg	8260B	07/02/10	1
Methylene Chloride	BDL	0.0056	mg/kg	8260B	07/02/10	1
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	07/02/10	1
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	07/02/10	1
Naphthalene	BDL	0.0056	mg/kg	8260B	07/02/10	1
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Styrene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
Tetrachloroethene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Toluene	BDL	0.0056	mg/kg	8260B	07/02/10	1
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0011	mg/kg	8260B	07/02/10	1
Trichloroethene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Trichlorofluoromethane	BDL	0.0056	mg/kg	8260B	07/02/10	1
1,2,3-Trichloropropane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,2,4-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Vinyl chloride	BDL	0.0011	mg/kg	8260B	07/02/10	1
Xylenes, Total	BDL	0.0034	mg/kg	8260B	07/02/10	1
Surrogate Recovery						
Toluene-d8	92.8		% Rec.	8260B	07/02/10	1
Dibromofluoromethane	102.		% Rec.	8260B	07/02/10	1
4-Bromofluorobenzene	91.0		% Rec.	8260B	07/02/10	1
TPH (GC/FID) High Fraction	130	4.5	mg/kg	3546/DRO	06/30/10	1
Surrogate recovery(%)						
o-Terphenyl	73.2		% Rec.	3546/DRO	06/30/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-02

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-2 2-4FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 09:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	77.6		%	2540G	07/02/10	1
TPH (GC/FID) Low Fraction	BDL	4.3	mg/kg	8015D/GRO	07/01/10	33.5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	99.6		% Rec.	8015D/GRO	07/01/10	33.5
Volatile Organics						
Acetone	BDL	0.064	mg/kg	8260B	07/02/10	1
Acrylonitrile	BDL	0.013	mg/kg	8260B	07/02/10	1
Benzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Bromobenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Bromodichloromethane	BDL	0.0013	mg/kg	8260B	07/02/10	1
Bromoform	BDL	0.0013	mg/kg	8260B	07/02/10	1
Bromomethane	BDL	0.0064	mg/kg	8260B	07/02/10	1
n-Butylbenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
sec-Butylbenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
tert-Butylbenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Carbon tetrachloride	BDL	0.0013	mg/kg	8260B	07/02/10	1
Chlorobenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Chlorodibromomethane	BDL	0.032	mg/kg	8260B	07/02/10	1
Chloroethane	BDL	0.0064	mg/kg	8260B	07/02/10	1
2-Chloroethyl vinyl ether	BDL	0.064	mg/kg	8260B	07/02/10	1
Chloroform	BDL	0.0064	mg/kg	8260B	07/02/10	1
Chloromethane	BDL	0.0013	mg/kg	8260B	07/02/10	1
2-Chlorotoluene	BDL	0.0013	mg/kg	8260B	07/02/10	1
4-Chlorotoluene	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,2-Dibromo-3-Chloropropane	BDL	0.0064	mg/kg	8260B	07/02/10	1
1,2-Dibromoethane	BDL	0.0013	mg/kg	8260B	07/02/10	1
Dibromomethane	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,2-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,3-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,4-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Dichlorodifluoromethane	BDL	0.0064	mg/kg	8260B	07/02/10	1
1,1-Dichloroethane	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,2-Dichloroethane	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,1-Dichloroethene	BDL	0.0013	mg/kg	8260B	07/02/10	1
cis-1,2-Dichloroethene	BDL	0.0013	mg/kg	8260B	07/02/10	1
trans-1,2-Dichloroethene	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,2-Dichloropropane	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,1-Dichloropropene	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,3-Dichloropropane	BDL	0.0013	mg/kg	8260B	07/02/10	1
cis-1,3-Dichloropropene	BDL	0.0013	mg/kg	8260B	07/02/10	1
trans-1,3-Dichloropropene	BDL	0.032	mg/kg	8260B	07/02/10	1
2,2-Dichloropropane	BDL	0.0013	mg/kg	8260B	07/02/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-02

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-2 2-4FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 09:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Di-isopropyl ether	BDL	0.0013	mg/kg	8260B	07/02/10	1
Ethylbenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Hexachloro-1,3-butadiene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Isopropylbenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
p-Isopropyltoluene	BDL	0.0013	mg/kg	8260B	07/02/10	1
2-Butanone (MEK)	BDL	0.032	mg/kg	8260B	07/02/10	1
Methylene Chloride	BDL	0.0064	mg/kg	8260B	07/02/10	1
4-Methyl-2-pentanone (MIBK)	BDL	0.013	mg/kg	8260B	07/02/10	1
Methyl tert-butyl ether	BDL	0.0013	mg/kg	8260B	07/02/10	1
Naphthalene	BDL	0.0064	mg/kg	8260B	07/02/10	1
n-Propylbenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Styrene	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,1,1,2-Tetrachloroethane	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,1,2,2-Tetrachloroethane	BDL	0.0013	mg/kg	8260B	07/02/10	1
Tetrachloroethene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Toluene	BDL	0.0064	mg/kg	8260B	07/02/10	1
1,2,3-Trichlorobenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,2,4-Trichlorobenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,1,1-Trichloroethane	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,1,2-Trichloroethane	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0013	mg/kg	8260B	07/02/10	1
Trichloroethene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Trichlorofluoromethane	BDL	0.0064	mg/kg	8260B	07/02/10	1
1,2,3-Trichloropropane	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,2,4-Trimethylbenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,3,5-Trimethylbenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Vinyl chloride	BDL	0.0013	mg/kg	8260B	07/02/10	1
Xylenes, Total	BDL	0.0039	mg/kg	8260B	07/02/10	1
Surrogate Recovery						
Toluene-d8	96.9		% Rec.	8260B	07/02/10	1
Dibromofluoromethane	100.		% Rec.	8260B	07/02/10	1
4-Bromofluorobenzene	94.9		% Rec.	8260B	07/02/10	1
TPH (GC/FID) High Fraction	BDL	5.2	mg/kg	3546/DRO	06/29/10	1
Surrogate recovery(%)						
o-Terphenyl	73.7		% Rec.	3546/DRO	06/29/10	1

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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-03

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-3 2-4FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 08:45

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	77.5		%	2540G	07/02/10	1
TPH (GC/FID) Low Fraction	BDL	6.1	mg/kg	8015D/GRO	07/01/10	47.5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	98.0		% Rec.	8015D/GRO	07/01/10	47.5
Volatile Organics						
Acetone	BDL	0.064	mg/kg	8260B	07/02/10	1
Acrylonitrile	BDL	0.013	mg/kg	8260B	07/02/10	1
Benzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Bromobenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Bromodichloromethane	BDL	0.0013	mg/kg	8260B	07/02/10	1
Bromoform	BDL	0.0013	mg/kg	8260B	07/02/10	1
Bromomethane	BDL	0.0064	mg/kg	8260B	07/02/10	1
n-Butylbenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
sec-Butylbenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
tert-Butylbenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Carbon tetrachloride	BDL	0.0013	mg/kg	8260B	07/02/10	1
Chlorobenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Chlorodibromomethane	BDL	0.032	mg/kg	8260B	07/02/10	1
Chloroethane	BDL	0.0064	mg/kg	8260B	07/02/10	1
2-Chloroethyl vinyl ether	BDL	0.064	mg/kg	8260B	07/02/10	1
Chloroform	BDL	0.0064	mg/kg	8260B	07/02/10	1
Chloromethane	BDL	0.0013	mg/kg	8260B	07/02/10	1
2-Chlorotoluene	BDL	0.0013	mg/kg	8260B	07/02/10	1
4-Chlorotoluene	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,2-Dibromo-3-Chloropropane	BDL	0.0064	mg/kg	8260B	07/02/10	1
1,2-Dibromoethane	BDL	0.0013	mg/kg	8260B	07/02/10	1
Dibromomethane	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,2-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,3-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,4-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Dichlorodifluoromethane	BDL	0.0064	mg/kg	8260B	07/02/10	1
1,1-Dichloroethane	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,2-Dichloroethane	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,1-Dichloroethene	BDL	0.0013	mg/kg	8260B	07/02/10	1
cis-1,2-Dichloroethene	BDL	0.0013	mg/kg	8260B	07/02/10	1
trans-1,2-Dichloroethene	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,2-Dichloropropane	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,1-Dichloropropene	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,3-Dichloropropane	BDL	0.0013	mg/kg	8260B	07/02/10	1
cis-1,3-Dichloropropene	BDL	0.0013	mg/kg	8260B	07/02/10	1
trans-1,3-Dichloropropene	BDL	0.032	mg/kg	8260B	07/02/10	1
2,2-Dichloropropane	BDL	0.0013	mg/kg	8260B	07/02/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-03

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-3 2-4FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 08:45

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Di-isopropyl ether	BDL	0.0013	mg/kg	8260B	07/02/10	1
Ethylbenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Hexachloro-1,3-butadiene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Isopropylbenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
p-Isopropyltoluene	BDL	0.0013	mg/kg	8260B	07/02/10	1
2-Butanone (MEK)	BDL	0.032	mg/kg	8260B	07/02/10	1
Methylene Chloride	BDL	0.0064	mg/kg	8260B	07/02/10	1
4-Methyl-2-pentanone (MIBK)	BDL	0.013	mg/kg	8260B	07/02/10	1
Methyl tert-butyl ether	BDL	0.0013	mg/kg	8260B	07/02/10	1
Naphthalene	BDL	0.0064	mg/kg	8260B	07/02/10	1
n-Propylbenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Styrene	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,1,1,2-Tetrachloroethane	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,1,2,2-Tetrachloroethane	BDL	0.0013	mg/kg	8260B	07/02/10	1
Tetrachloroethene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Toluene	BDL	0.0064	mg/kg	8260B	07/02/10	1
1,2,3-Trichlorobenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,2,4-Trichlorobenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,1,1-Trichloroethane	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,1,2-Trichloroethane	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0013	mg/kg	8260B	07/02/10	1
Trichloroethene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Trichlorofluoromethane	BDL	0.0064	mg/kg	8260B	07/02/10	1
1,2,3-Trichloropropane	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,2,4-Trimethylbenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,3,5-Trimethylbenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Vinyl chloride	BDL	0.0013	mg/kg	8260B	07/02/10	1
Xylenes, Total	BDL	0.0039	mg/kg	8260B	07/02/10	1
Surrogate Recovery						
Toluene-d8	100.		% Rec.	8260B	07/02/10	1
Dibromofluoromethane	99.9		% Rec.	8260B	07/02/10	1
4-Bromofluorobenzene	99.8		% Rec.	8260B	07/02/10	1
TPH (GC/FID) High Fraction	BDL	5.2	mg/kg	3546/DRO	06/29/10	1
Surrogate recovery(%)						
o-Terphenyl	67.6		% Rec.	3546/DRO	06/29/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-04

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-4 2-4FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 09:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	82.9		%	2540G	07/02/10	1
TPH (GC/FID) Low Fraction	BDL	8.2	mg/kg	8015D/GRO	07/01/10	68
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	97.9		% Rec.	8015D/GRO	07/01/10	68
Volatile Organics						
Acetone	BDL	0.060	mg/kg	8260B	07/02/10	1
Acrylonitrile	BDL	0.012	mg/kg	8260B	07/02/10	1
Benzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromodichloromethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromoform	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromomethane	BDL	0.0060	mg/kg	8260B	07/02/10	1
n-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
sec-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
tert-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Carbon tetrachloride	BDL	0.0012	mg/kg	8260B	07/02/10	1
Chlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Chlorodibromomethane	BDL	0.030	mg/kg	8260B	07/02/10	1
Chloroethane	BDL	0.0060	mg/kg	8260B	07/02/10	1
2-Chloroethyl vinyl ether	BDL	0.060	mg/kg	8260B	07/02/10	1
Chloroform	BDL	0.0060	mg/kg	8260B	07/02/10	1
Chloromethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
2-Chlorotoluene	BDL	0.0012	mg/kg	8260B	07/02/10	1
4-Chlorotoluene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dibromo-3-Chloropropane	BDL	0.0060	mg/kg	8260B	07/02/10	1
1,2-Dibromoethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Dibromomethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,3-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,4-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Dichlorodifluoromethane	BDL	0.0060	mg/kg	8260B	07/02/10	1
1,1-Dichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
cis-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
trans-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,3-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1
cis-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/02/10	1
trans-1,3-Dichloropropene	BDL	0.030	mg/kg	8260B	07/02/10	1
2,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-04

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-4 2-4FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 09:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Di-isopropyl ether	BDL	0.0012	mg/kg	8260B	07/02/10	1
Ethylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Hexachloro-1,3-butadiene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Isopropylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
p-Isopropyltoluene	BDL	0.0012	mg/kg	8260B	07/02/10	1
2-Butanone (MEK)	BDL	0.030	mg/kg	8260B	07/02/10	1
Methylene Chloride	BDL	0.0060	mg/kg	8260B	07/02/10	1
4-Methyl-2-pentanone (MIBK)	BDL	0.012	mg/kg	8260B	07/02/10	1
Methyl tert-butyl ether	BDL	0.0012	mg/kg	8260B	07/02/10	1
Naphthalene	BDL	0.0060	mg/kg	8260B	07/02/10	1
n-Propylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Styrene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,1,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,2,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Tetrachloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Toluene	BDL	0.0060	mg/kg	8260B	07/02/10	1
1,2,3-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2,4-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,1-Trichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,2-Trichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0012	mg/kg	8260B	07/02/10	1
Trichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Trichlorofluoromethane	BDL	0.0060	mg/kg	8260B	07/02/10	1
1,2,3-Trichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2,4-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,3,5-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Vinyl chloride	BDL	0.0012	mg/kg	8260B	07/02/10	1
Xylenes, Total	BDL	0.0036	mg/kg	8260B	07/02/10	1
Surrogate Recovery						
Toluene-d8	101.		% Rec.	8260B	07/02/10	1
Dibromofluoromethane	100.		% Rec.	8260B	07/02/10	1
4-Bromofluorobenzene	101.		% Rec.	8260B	07/02/10	1
TPH (GC/FID) High Fraction	BDL	4.8	mg/kg	3546/DRO	06/29/10	1
Surrogate recovery(%)						
o-Terphenyl	76.7		% Rec.	3546/DRO	06/29/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-05

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-5 2-4FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 09:10

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	78.2		%	2540G	07/02/10	1
TPH (GC/FID) Low Fraction	BDL	6.0	mg/kg	8015D/GRO	07/01/10	47
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	98.4		% Rec.	8015D/GRO	07/01/10	47
Volatile Organics						
Acetone	BDL	0.064	mg/kg	8260B	07/02/10	1
Acrylonitrile	BDL	0.013	mg/kg	8260B	07/02/10	1
Benzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Bromobenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Bromodichloromethane	BDL	0.0013	mg/kg	8260B	07/02/10	1
Bromoform	BDL	0.0013	mg/kg	8260B	07/02/10	1
Bromomethane	BDL	0.0064	mg/kg	8260B	07/02/10	1
n-Butylbenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
sec-Butylbenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
tert-Butylbenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Carbon tetrachloride	BDL	0.0013	mg/kg	8260B	07/02/10	1
Chlorobenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Chlorodibromomethane	BDL	0.032	mg/kg	8260B	07/02/10	1
Chloroethane	BDL	0.0064	mg/kg	8260B	07/02/10	1
2-Chloroethyl vinyl ether	BDL	0.064	mg/kg	8260B	07/02/10	1
Chloroform	BDL	0.0064	mg/kg	8260B	07/02/10	1
Chloromethane	BDL	0.0013	mg/kg	8260B	07/02/10	1
2-Chlorotoluene	BDL	0.0013	mg/kg	8260B	07/02/10	1
4-Chlorotoluene	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,2-Dibromo-3-Chloropropane	BDL	0.0064	mg/kg	8260B	07/02/10	1
1,2-Dibromoethane	BDL	0.0013	mg/kg	8260B	07/02/10	1
Dibromomethane	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,2-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,3-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,4-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Dichlorodifluoromethane	BDL	0.0064	mg/kg	8260B	07/02/10	1
1,1-Dichloroethane	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,2-Dichloroethane	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,1-Dichloroethene	BDL	0.0013	mg/kg	8260B	07/02/10	1
cis-1,2-Dichloroethene	BDL	0.0013	mg/kg	8260B	07/02/10	1
trans-1,2-Dichloroethene	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,2-Dichloropropane	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,1-Dichloropropene	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,3-Dichloropropane	BDL	0.0013	mg/kg	8260B	07/02/10	1
cis-1,3-Dichloropropene	BDL	0.0013	mg/kg	8260B	07/02/10	1
trans-1,3-Dichloropropene	BDL	0.032	mg/kg	8260B	07/02/10	1
2,2-Dichloropropane	BDL	0.0013	mg/kg	8260B	07/02/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-05

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-5 2-4FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 09:10

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Di-isopropyl ether	BDL	0.0013	mg/kg	8260B	07/02/10	1
Ethylbenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Hexachloro-1,3-butadiene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Isopropylbenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
p-Isopropyltoluene	BDL	0.0013	mg/kg	8260B	07/02/10	1
2-Butanone (MEK)	BDL	0.032	mg/kg	8260B	07/02/10	1
Methylene Chloride	BDL	0.0064	mg/kg	8260B	07/02/10	1
4-Methyl-2-pentanone (MIBK)	BDL	0.013	mg/kg	8260B	07/02/10	1
Methyl tert-butyl ether	BDL	0.0013	mg/kg	8260B	07/02/10	1
Naphthalene	BDL	0.0064	mg/kg	8260B	07/02/10	1
n-Propylbenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Styrene	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,1,1,2-Tetrachloroethane	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,1,2,2-Tetrachloroethane	BDL	0.0013	mg/kg	8260B	07/02/10	1
Tetrachloroethene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Toluene	BDL	0.0064	mg/kg	8260B	07/02/10	1
1,2,3-Trichlorobenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,2,4-Trichlorobenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,1,1-Trichloroethane	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,1,2-Trichloroethane	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0013	mg/kg	8260B	07/02/10	1
Trichloroethene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Trichlorofluoromethane	BDL	0.0064	mg/kg	8260B	07/02/10	1
1,2,3-Trichloropropane	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,2,4-Trimethylbenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,3,5-Trimethylbenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Vinyl chloride	BDL	0.0013	mg/kg	8260B	07/02/10	1
Xylenes, Total	BDL	0.0038	mg/kg	8260B	07/02/10	1
Surrogate Recovery						
Toluene-d8	99.7		% Rec.	8260B	07/02/10	1
Dibromofluoromethane	104.		% Rec.	8260B	07/02/10	1
4-Bromofluorobenzene	94.4		% Rec.	8260B	07/02/10	1
TPH (GC/FID) High Fraction	BDL	5.1	mg/kg	3546/DRO	06/29/10	1
Surrogate recovery(%)						
o-Terphenyl	72.7		% Rec.	3546/DRO	06/29/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-06

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-6 2-4FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 09:45

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	66.0		%	2540G	07/02/10	1
TPH (GC/FID) Low Fraction	46.	15.	mg/kg	8015D/GRO	07/01/10	102
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	87.1		% Rec.	8015D/GRO	07/01/10	102
Volatile Organics						
Acetone	BDL	7.7	mg/kg	8260B	07/02/10	102
Acrylonitrile	BDL	1.5	mg/kg	8260B	07/02/10	102
Benzene	BDL	0.15	mg/kg	8260B	07/02/10	102
Bromobenzene	BDL	0.15	mg/kg	8260B	07/02/10	102
Bromodichloromethane	BDL	0.15	mg/kg	8260B	07/02/10	102
Bromoform	BDL	0.15	mg/kg	8260B	07/02/10	102
Bromomethane	BDL	0.77	mg/kg	8260B	07/02/10	102
n-Butylbenzene	BDL	0.15	mg/kg	8260B	07/02/10	102
sec-Butylbenzene	0.54	0.15	mg/kg	8260B	07/02/10	102
tert-Butylbenzene	BDL	0.15	mg/kg	8260B	07/02/10	102
Carbon tetrachloride	BDL	0.15	mg/kg	8260B	07/02/10	102
Chlorobenzene	BDL	0.15	mg/kg	8260B	07/02/10	102
Chlorodibromomethane	BDL	3.9	mg/kg	8260B	07/02/10	102
Chloroethane	BDL	0.77	mg/kg	8260B	07/02/10	102
2-Chloroethyl vinyl ether	BDL	7.7	mg/kg	8260B	07/02/10	102
Chloroform	BDL	0.77	mg/kg	8260B	07/02/10	102
Chloromethane	BDL	0.15	mg/kg	8260B	07/02/10	102
2-Chlorotoluene	BDL	0.15	mg/kg	8260B	07/02/10	102
4-Chlorotoluene	BDL	0.15	mg/kg	8260B	07/02/10	102
1,2-Dibromo-3-Chloropropane	BDL	0.77	mg/kg	8260B	07/02/10	102
1,2-Dibromoethane	BDL	0.15	mg/kg	8260B	07/02/10	102
Dibromomethane	BDL	0.15	mg/kg	8260B	07/02/10	102
1,2-Dichlorobenzene	BDL	0.15	mg/kg	8260B	07/02/10	102
1,3-Dichlorobenzene	BDL	0.15	mg/kg	8260B	07/02/10	102
1,4-Dichlorobenzene	BDL	0.15	mg/kg	8260B	07/02/10	102
Dichlorodifluoromethane	BDL	0.77	mg/kg	8260B	07/02/10	102
1,1-Dichloroethane	BDL	0.15	mg/kg	8260B	07/02/10	102
1,2-Dichloroethane	BDL	0.15	mg/kg	8260B	07/02/10	102
1,1-Dichloroethene	BDL	0.15	mg/kg	8260B	07/02/10	102
cis-1,2-Dichloroethene	BDL	0.15	mg/kg	8260B	07/02/10	102
trans-1,2-Dichloroethene	BDL	0.15	mg/kg	8260B	07/02/10	102
1,2-Dichloropropane	BDL	0.15	mg/kg	8260B	07/02/10	102
1,1-Dichloropropene	BDL	0.15	mg/kg	8260B	07/02/10	102
1,3-Dichloropropane	BDL	0.15	mg/kg	8260B	07/02/10	102
cis-1,3-Dichloropropene	BDL	0.15	mg/kg	8260B	07/02/10	102
trans-1,3-Dichloropropene	BDL	3.9	mg/kg	8260B	07/02/10	102
2,2-Dichloropropane	BDL	0.15	mg/kg	8260B	07/02/10	102

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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L466440-06 (V8260) - Non-target compounds too high to run at a lower dilution.

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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-06

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-6 2-4FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 09:45

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Di-isopropyl ether	BDL	0.15	mg/kg	8260B	07/02/10	102
Ethylbenzene	BDL	0.15	mg/kg	8260B	07/02/10	102
Hexachloro-1,3-butadiene	BDL	0.15	mg/kg	8260B	07/02/10	102
Isopropylbenzene	BDL	0.15	mg/kg	8260B	07/02/10	102
p-Isopropyltoluene	BDL	0.15	mg/kg	8260B	07/02/10	102
2-Butanone (MEK)	BDL	39.	mg/kg	8260B	07/02/10	102
Methylene Chloride	BDL	0.77	mg/kg	8260B	07/02/10	102
4-Methyl-2-pentanone (MIBK)	BDL	1.5	mg/kg	8260B	07/02/10	102
Methyl tert-butyl ether	BDL	0.15	mg/kg	8260B	07/02/10	102
Naphthalene	BDL	0.77	mg/kg	8260B	07/02/10	102
n-Propylbenzene	BDL	0.15	mg/kg	8260B	07/02/10	102
Styrene	BDL	0.15	mg/kg	8260B	07/02/10	102
1,1,1,2-Tetrachloroethane	BDL	0.15	mg/kg	8260B	07/02/10	102
1,1,2,2-Tetrachloroethane	BDL	0.15	mg/kg	8260B	07/02/10	102
Tetrachloroethene	BDL	0.15	mg/kg	8260B	07/02/10	102
Toluene	BDL	0.77	mg/kg	8260B	07/02/10	102
1,2,3-Trichlorobenzene	BDL	0.15	mg/kg	8260B	07/02/10	102
1,2,4-Trichlorobenzene	BDL	0.15	mg/kg	8260B	07/02/10	102
1,1,1-Trichloroethane	BDL	0.15	mg/kg	8260B	07/02/10	102
1,1,2-Trichloroethane	BDL	0.15	mg/kg	8260B	07/02/10	102
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.15	mg/kg	8260B	07/02/10	102
Trichloroethene	BDL	0.15	mg/kg	8260B	07/02/10	102
Trichlorofluoromethane	BDL	0.77	mg/kg	8260B	07/02/10	102
1,2,3-Trichloropropane	BDL	0.15	mg/kg	8260B	07/02/10	102
1,2,4-Trimethylbenzene	BDL	0.15	mg/kg	8260B	07/02/10	102
1,3,5-Trimethylbenzene	BDL	0.15	mg/kg	8260B	07/02/10	102
Vinyl chloride	BDL	0.15	mg/kg	8260B	07/02/10	102
Xylenes, Total	BDL	0.46	mg/kg	8260B	07/02/10	102
Surrogate Recovery						
Toluene-d8	102.		% Rec.	8260B	07/02/10	102
Dibromofluoromethane	95.8		% Rec.	8260B	07/02/10	102
4-Bromofluorobenzene	119.		% Rec.	8260B	07/02/10	102
TPH (GC/FID) High Fraction	940	120	mg/kg	3546/DRO	06/29/10	20
Surrogate recovery(%)						
o-Terphenyl	0.00		% Rec.	3546/DRO	06/29/10	20

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Reported: 07/06/10 10:32 Printed: 07/06/10 10:35
L466440-06 (V8260) - Non-target compounds too high to run at a lower dilution.

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Est. 1970

REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-07

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-7 2-4FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 09:50

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	79.8		%	2540G	07/02/10	1
TPH (GC/FID) Low Fraction	BDL	5.1	mg/kg	8015D/GRO	07/01/10	41
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	87.6		% Rec.	8015D/GRO	07/01/10	41
Volatile Organics						
Acetone	BDL	0.063	mg/kg	8260B	07/02/10	1
Acrylonitrile	BDL	0.012	mg/kg	8260B	07/02/10	1
Benzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromodichloromethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromoform	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromomethane	BDL	0.0063	mg/kg	8260B	07/02/10	1
n-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
sec-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
tert-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Carbon tetrachloride	BDL	0.0012	mg/kg	8260B	07/02/10	1
Chlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Chlorodibromomethane	BDL	0.031	mg/kg	8260B	07/02/10	1
Chloroethane	BDL	0.0063	mg/kg	8260B	07/02/10	1
2-Chloroethyl vinyl ether	BDL	0.063	mg/kg	8260B	07/02/10	1
Chloroform	BDL	0.0063	mg/kg	8260B	07/02/10	1
Chloromethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
2-Chlorotoluene	BDL	0.0012	mg/kg	8260B	07/02/10	1
4-Chlorotoluene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dibromo-3-Chloropropane	BDL	0.0063	mg/kg	8260B	07/02/10	1
1,2-Dibromoethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Dibromomethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,3-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,4-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Dichlorodifluoromethane	BDL	0.0063	mg/kg	8260B	07/02/10	1
1,1-Dichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
cis-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
trans-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,3-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1
cis-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/02/10	1
trans-1,3-Dichloropropene	BDL	0.031	mg/kg	8260B	07/02/10	1
2,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-07

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-7 2-4FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 09:50

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Di-isopropyl ether	BDL	0.0012	mg/kg	8260B	07/02/10	1
Ethylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Hexachloro-1,3-butadiene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Isopropylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
p-Isopropyltoluene	BDL	0.0012	mg/kg	8260B	07/02/10	1
2-Butanone (MEK)	BDL	0.31	mg/kg	8260B	07/02/10	1
Methylene Chloride	BDL	0.0063	mg/kg	8260B	07/02/10	1
4-Methyl-2-pentanone (MIBK)	BDL	0.012	mg/kg	8260B	07/02/10	1
Methyl tert-butyl ether	BDL	0.0012	mg/kg	8260B	07/02/10	1
Naphthalene	BDL	0.0063	mg/kg	8260B	07/02/10	1
n-Propylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Styrene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,1,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,2,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Tetrachloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Toluene	BDL	0.0063	mg/kg	8260B	07/02/10	1
1,2,3-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2,4-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,1-Trichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,2-Trichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0012	mg/kg	8260B	07/02/10	1
Trichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Trichlorofluoromethane	BDL	0.0063	mg/kg	8260B	07/02/10	1
1,2,3-Trichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2,4-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,3,5-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Vinyl chloride	BDL	0.0012	mg/kg	8260B	07/02/10	1
Xylenes, Total	BDL	0.0038	mg/kg	8260B	07/02/10	1
Surrogate Recovery						
Toluene-d8	97.7		% Rec.	8260B	07/02/10	1
Dibromofluoromethane	100.		% Rec.	8260B	07/02/10	1
4-Bromofluorobenzene	98.7		% Rec.	8260B	07/02/10	1
TPH (GC/FID) High Fraction	BDL	5.0	mg/kg	3546/DRO	06/29/10	1
Surrogate recovery(%)						
o-Terphenyl	70.9		% Rec.	3546/DRO	06/29/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-08

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-8 2-4FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 10:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	85.6		%	2540G	07/02/10	1
TPH (GC/FID) Low Fraction	BDL	5.6	mg/kg	8015D/GRO	07/01/10	48
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	87.9		% Rec.	8015D/GRO	07/01/10	48
Volatile Organics						
Acetone	0.15	0.058	mg/kg	8260B	07/02/10	1
Acrylonitrile	BDL	0.012	mg/kg	8260B	07/02/10	1
Benzene	0.0021	0.0012	mg/kg	8260B	07/02/10	1
Bromobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromodichloromethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromoform	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromomethane	BDL	0.0058	mg/kg	8260B	07/02/10	1
n-Butylbenzene	0.014	0.0012	mg/kg	8260B	07/02/10	1
sec-Butylbenzene	0.0013	0.0012	mg/kg	8260B	07/02/10	1
tert-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Carbon tetrachloride	BDL	0.0012	mg/kg	8260B	07/02/10	1
Chlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Chlorodibromomethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Chloroethane	BDL	0.0058	mg/kg	8260B	07/02/10	1
2-Chloroethyl vinyl ether	BDL	0.058	mg/kg	8260B	07/02/10	1
Chloroform	BDL	0.0058	mg/kg	8260B	07/02/10	1
Chloromethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
2-Chlorotoluene	BDL	0.0012	mg/kg	8260B	07/02/10	1
4-Chlorotoluene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dibromo-3-Chloropropane	BDL	0.0058	mg/kg	8260B	07/02/10	1
1,2-Dibromoethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Dibromomethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,3-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,4-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Dichlorodifluoromethane	BDL	0.0058	mg/kg	8260B	07/02/10	1
1,1-Dichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
cis-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
trans-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,3-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1
cis-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/02/10	1
trans-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/02/10	1
2,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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L466440-08 (V8260) - Previous run also had low IS/SURR recovery. Matrix effect.

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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-08

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-8 2-4FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 10:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Di-isopropyl ether	BDL	0.0012	mg/kg	8260B	07/02/10	1
Ethylbenzene	0.0036	0.0012	mg/kg	8260B	07/02/10	1
Hexachloro-1,3-butadiene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Isopropylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
p-Isopropyltoluene	0.0038	0.0012	mg/kg	8260B	07/02/10	1
2-Butanone (MEK)	0.028	0.012	mg/kg	8260B	07/02/10	1
Methylene Chloride	BDL	0.0058	mg/kg	8260B	07/02/10	1
4-Methyl-2-pentanone (MIBK)	BDL	0.012	mg/kg	8260B	07/02/10	1
Methyl tert-butyl ether	BDL	0.0012	mg/kg	8260B	07/02/10	1
Naphthalene	0.021	0.0058	mg/kg	8260B	07/02/10	1
n-Propylbenzene	0.0025	0.0012	mg/kg	8260B	07/02/10	1
Styrene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,1,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,2,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Tetrachloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Toluene	0.039	0.0058	mg/kg	8260B	07/02/10	1
1,2,3-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2,4-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,1-Trichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,2-Trichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0012	mg/kg	8260B	07/02/10	1
Trichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Trichlorofluoromethane	BDL	0.0058	mg/kg	8260B	07/02/10	1
1,2,3-Trichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2,4-Trimethylbenzene	0.014	0.0012	mg/kg	8260B	07/02/10	1
1,3,5-Trimethylbenzene	0.0052	0.0012	mg/kg	8260B	07/02/10	1
Vinyl chloride	BDL	0.0012	mg/kg	8260B	07/02/10	1
Xylenes, Total	0.020	0.0035	mg/kg	8260B	07/02/10	1
Surrogate Recovery						
Toluene-d8	62.1		% Rec.	8260B	07/02/10	1
Dibromofluoromethane	123.		% Rec.	8260B	07/02/10	1
4-Bromofluorobenzene	37.0		% Rec.	8260B	07/02/10	1
TPH (GC/FID) High Fraction	8500	230	mg/kg	3546/DRO	06/29/10	50
Surrogate recovery(%)						
o-Terphenyl	0.00		% Rec.	3546/DRO	06/29/10	50

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Reported: 07/06/10 10:32 Printed: 07/06/10 10:35
L466440-08 (V8260) - Previous run also had low IS/SURR recovery. Matrix effect.

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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-09

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-9 2-4FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 10:40

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	90.6		%	2540G	07/02/10	1
TPH (GC/FID) Low Fraction	BDL	4.9	mg/kg	8015D/GRO	07/01/10	44.5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	87.3		% Rec.	8015D/GRO	07/01/10	44.5
Volatile Organics						
Acetone	BDL	0.055	mg/kg	8260B	07/02/10	1
Acrylonitrile	BDL	0.011	mg/kg	8260B	07/02/10	1
Benzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Bromobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
Bromoform	BDL	0.0011	mg/kg	8260B	07/02/10	1
Bromomethane	BDL	0.0055	mg/kg	8260B	07/02/10	1
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	07/02/10	1
Chlorobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Chlorodibromomethane	BDL	0.028	mg/kg	8260B	07/02/10	1
Chloroethane	BDL	0.0055	mg/kg	8260B	07/02/10	1
2-Chloroethyl vinyl ether	BDL	0.055	mg/kg	8260B	07/02/10	1
Chloroform	BDL	0.0055	mg/kg	8260B	07/02/10	1
Chloromethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	07/02/10	1
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,2-Dibromo-3-Chloropropane	BDL	0.0055	mg/kg	8260B	07/02/10	1
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
Dibromomethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Dichlorodifluoromethane	BDL	0.0055	mg/kg	8260B	07/02/10	1
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/02/10	1
cis-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/02/10	1
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,3-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/02/10	1
cis-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/02/10	1
trans-1,3-Dichloropropene	BDL	0.028	mg/kg	8260B	07/02/10	1
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/02/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-09

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-9 2-4FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 10:40

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	07/02/10	1
Ethylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Hexachloro-1,3-butadiene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
p-Isopropyltoluene	BDL	0.0011	mg/kg	8260B	07/02/10	1
2-Butanone (MEK)	BDL	0.28	mg/kg	8260B	07/02/10	1
Methylene Chloride	BDL	0.0055	mg/kg	8260B	07/02/10	1
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	07/02/10	1
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	07/02/10	1
Naphthalene	BDL	0.0055	mg/kg	8260B	07/02/10	1
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Styrene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
Tetrachloroethene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Toluene	BDL	0.0055	mg/kg	8260B	07/02/10	1
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0011	mg/kg	8260B	07/02/10	1
Trichloroethene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Trichlorofluoromethane	BDL	0.0055	mg/kg	8260B	07/02/10	1
1,2,3-Trichloropropane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,2,4-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Vinyl chloride	BDL	0.0011	mg/kg	8260B	07/02/10	1
Xylenes, Total	BDL	0.0033	mg/kg	8260B	07/02/10	1
Surrogate Recovery						
Toluene-d8	96.4		% Rec.	8260B	07/02/10	1
Dibromofluoromethane	100.		% Rec.	8260B	07/02/10	1
4-Bromofluorobenzene	80.2		% Rec.	8260B	07/02/10	1
TPH (GC/FID) High Fraction	BDL	4.4	mg/kg	3546/DRO	06/29/10	1
Surrogate recovery(%)						
o-Terphenyl	66.7		% Rec.	3546/DRO	06/29/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-10

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-10 0-3FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 14:15

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	88.2		%	2540G	07/02/10	1
TPH (GC/FID) Low Fraction	BDL	5.0	mg/kg	8015D/GRO	07/01/10	44
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	86.1		% Rec.	8015D/GRO	07/01/10	44
Volatile Organics						
Acetone	BDL	0.062	mg/kg	8260B	07/02/10	1.09
Acrylonitrile	BDL	0.012	mg/kg	8260B	07/02/10	1.09
Benzene	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
Bromobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
Bromodichloromethane	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
Bromoform	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
Bromomethane	BDL	0.0062	mg/kg	8260B	07/02/10	1.09
n-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
sec-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
tert-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
Carbon tetrachloride	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
Chlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
Chlorodibromomethane	BDL	0.031	mg/kg	8260B	07/02/10	1.09
Chloroethane	BDL	0.0062	mg/kg	8260B	07/02/10	1.09
2-Chloroethyl vinyl ether	BDL	0.062	mg/kg	8260B	07/02/10	1.09
Chloroform	BDL	0.0062	mg/kg	8260B	07/02/10	1.09
Chloromethane	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
2-Chlorotoluene	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
4-Chlorotoluene	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
1,2-Dibromo-3-Chloropropane	BDL	0.0062	mg/kg	8260B	07/02/10	1.09
1,2-Dibromoethane	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
Dibromomethane	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
1,2-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
1,3-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
1,4-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
Dichlorodifluoromethane	BDL	0.0062	mg/kg	8260B	07/02/10	1.09
1,1-Dichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
1,2-Dichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
1,1-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
cis-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
trans-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
1,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
1,1-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
1,3-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
cis-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
trans-1,3-Dichloropropene	BDL	0.031	mg/kg	8260B	07/02/10	1.09
2,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1.09

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-10

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-10 0-3FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 14:15

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Di-isopropyl ether	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
Ethylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
Hexachloro-1,3-butadiene	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
Isopropylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
p-Isopropyltoluene	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
2-Butanone (MEK)	BDL	0.31	mg/kg	8260B	07/02/10	1.09
Methylene Chloride	BDL	0.0062	mg/kg	8260B	07/02/10	1.09
4-Methyl-2-pentanone (MIBK)	BDL	0.012	mg/kg	8260B	07/02/10	1.09
Methyl tert-butyl ether	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
Naphthalene	BDL	0.0062	mg/kg	8260B	07/02/10	1.09
n-Propylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
Styrene	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
1,1,1,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
1,1,2,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
Tetrachloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
Toluene	BDL	0.0062	mg/kg	8260B	07/02/10	1.09
1,2,3-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
1,2,4-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
1,1,1-Trichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
1,1,2-Trichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
Trichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
Trichlorofluoromethane	BDL	0.0062	mg/kg	8260B	07/02/10	1.09
1,2,3-Trichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
1,2,4-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
1,3,5-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
Vinyl chloride	BDL	0.0012	mg/kg	8260B	07/02/10	1.09
Xylenes, Total	BDL	0.0037	mg/kg	8260B	07/02/10	1.09
Surrogate Recovery						
Toluene-d8	97.6		% Rec.	8260B	07/02/10	1.09
Dibromofluoromethane	99.2		% Rec.	8260B	07/02/10	1.09
4-Bromofluorobenzene	98.9		% Rec.	8260B	07/02/10	1.09
TPH (GC/FID) High Fraction	BDL	4.5	mg/kg	3546/DRO	06/29/10	1
Surrogate recovery(%)						
o-Terphenyl	62.7		% Rec.	3546/DRO	06/29/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-11

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-11 0-2FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 13:55

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	81.2		%	2540G	07/02/10	1
TPH (GC/FID) Low Fraction	BDL	5.5	mg/kg	8015D/GRO	07/01/10	45
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	86.8		% Rec.	8015D/GRO	07/01/10	45
Volatile Organics						
Acetone	BDL	0.062	mg/kg	8260B	07/02/10	1
Acrylonitrile	BDL	0.012	mg/kg	8260B	07/02/10	1
Benzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromodichloromethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromoform	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromomethane	BDL	0.0062	mg/kg	8260B	07/02/10	1
n-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
sec-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
tert-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Carbon tetrachloride	BDL	0.0012	mg/kg	8260B	07/02/10	1
Chlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Chlorodibromomethane	BDL	0.031	mg/kg	8260B	07/02/10	1
Chloroethane	BDL	0.0062	mg/kg	8260B	07/02/10	1
2-Chloroethyl vinyl ether	BDL	0.062	mg/kg	8260B	07/02/10	1
Chloroform	BDL	0.0062	mg/kg	8260B	07/02/10	1
Chloromethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
2-Chlorotoluene	BDL	0.0012	mg/kg	8260B	07/02/10	1
4-Chlorotoluene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dibromo-3-Chloropropane	BDL	0.0062	mg/kg	8260B	07/02/10	1
1,2-Dibromoethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Dibromomethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,3-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,4-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Dichlorodifluoromethane	BDL	0.0062	mg/kg	8260B	07/02/10	1
1,1-Dichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
cis-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
trans-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,3-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1
cis-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/02/10	1
trans-1,3-Dichloropropene	BDL	0.031	mg/kg	8260B	07/02/10	1
2,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-11

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-11 0-2FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 13:55

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Di-isopropyl ether	BDL	0.0012	mg/kg	8260B	07/02/10	1
Ethylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Hexachloro-1,3-butadiene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Isopropylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
p-Isopropyltoluene	BDL	0.0012	mg/kg	8260B	07/02/10	1
2-Butanone (MEK)	BDL	0.031	mg/kg	8260B	07/02/10	1
Methylene Chloride	BDL	0.0062	mg/kg	8260B	07/02/10	1
4-Methyl-2-pentanone (MIBK)	BDL	0.012	mg/kg	8260B	07/02/10	1
Methyl tert-butyl ether	BDL	0.0012	mg/kg	8260B	07/02/10	1
Naphthalene	BDL	0.0062	mg/kg	8260B	07/02/10	1
n-Propylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Styrene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,1,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,2,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Tetrachloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Toluene	BDL	0.0062	mg/kg	8260B	07/02/10	1
1,2,3-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2,4-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,1-Trichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,2-Trichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0012	mg/kg	8260B	07/02/10	1
Trichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Trichlorofluoromethane	BDL	0.0062	mg/kg	8260B	07/02/10	1
1,2,3-Trichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2,4-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,3,5-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Vinyl chloride	BDL	0.0012	mg/kg	8260B	07/02/10	1
Xylenes, Total	BDL	0.0037	mg/kg	8260B	07/02/10	1
Surrogate Recovery						
Toluene-d8	95.2		% Rec.	8260B	07/02/10	1
Dibromofluoromethane	108.		% Rec.	8260B	07/02/10	1
4-Bromofluorobenzene	85.6		% Rec.	8260B	07/02/10	1
TPH (GC/FID) High Fraction	49.	4.9	mg/kg	3546/DRO	06/29/10	1
Surrogate recovery(%)						
o-Terphenyl	76.4		% Rec.	3546/DRO	06/29/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Reported: 07/06/10 10:32 Printed: 07/06/10 10:35

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Est. 1970

REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-12

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-12 2-4FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 13:50

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	82.4		%	2540G	07/02/10	1
TPH (GC/FID) Low Fraction	BDL	6.4	mg/kg	8015D/GRO	07/01/10	52.5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	88.1		% Rec.	8015D/GRO	07/01/10	52.5
Volatile Organics						
Acetone	0.079	0.061	mg/kg	8260B	07/02/10	1
Acrylonitrile	BDL	0.012	mg/kg	8260B	07/02/10	1
Benzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromodichloromethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromoform	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromomethane	BDL	0.0061	mg/kg	8260B	07/02/10	1
n-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
sec-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
tert-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Carbon tetrachloride	BDL	0.0012	mg/kg	8260B	07/02/10	1
Chlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Chlorodibromomethane	BDL	0.030	mg/kg	8260B	07/02/10	1
Chloroethane	BDL	0.0061	mg/kg	8260B	07/02/10	1
2-Chloroethyl vinyl ether	BDL	0.061	mg/kg	8260B	07/02/10	1
Chloroform	BDL	0.0061	mg/kg	8260B	07/02/10	1
Chloromethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
2-Chlorotoluene	BDL	0.0012	mg/kg	8260B	07/02/10	1
4-Chlorotoluene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dibromo-3-Chloropropane	BDL	0.0061	mg/kg	8260B	07/02/10	1
1,2-Dibromoethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Dibromomethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,3-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,4-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Dichlorodifluoromethane	BDL	0.0061	mg/kg	8260B	07/02/10	1
1,1-Dichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
cis-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
trans-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,3-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1
cis-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/02/10	1
trans-1,3-Dichloropropene	BDL	0.030	mg/kg	8260B	07/02/10	1
2,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-12

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-12 2-4FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 13:50

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Di-isopropyl ether	BDL	0.0012	mg/kg	8260B	07/02/10	1
Ethylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Hexachloro-1,3-butadiene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Isopropylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
p-Isopropyltoluene	BDL	0.0012	mg/kg	8260B	07/02/10	1
2-Butanone (MEK)	BDL	0.30	mg/kg	8260B	07/02/10	1
Methylene Chloride	BDL	0.0061	mg/kg	8260B	07/02/10	1
4-Methyl-2-pentanone (MIBK)	BDL	0.012	mg/kg	8260B	07/02/10	1
Methyl tert-butyl ether	BDL	0.0012	mg/kg	8260B	07/02/10	1
Naphthalene	BDL	0.0061	mg/kg	8260B	07/02/10	1
n-Propylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Styrene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,1,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,2,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Tetrachloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Toluene	BDL	0.0061	mg/kg	8260B	07/02/10	1
1,2,3-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2,4-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,1-Trichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,2-Trichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0012	mg/kg	8260B	07/02/10	1
Trichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Trichlorofluoromethane	BDL	0.0061	mg/kg	8260B	07/02/10	1
1,2,3-Trichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2,4-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,3,5-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Vinyl chloride	BDL	0.0012	mg/kg	8260B	07/02/10	1
Xylenes, Total	BDL	0.0036	mg/kg	8260B	07/02/10	1
Surrogate Recovery						
Toluene-d8	98.8		% Rec.	8260B	07/02/10	1
Dibromofluoromethane	95.9		% Rec.	8260B	07/02/10	1
4-Bromofluorobenzene	103.		% Rec.	8260B	07/02/10	1
TPH (GC/FID) High Fraction	BDL	4.8	mg/kg	3546/DRO	06/29/10	1
Surrogate recovery(%)						
o-Terphenyl	78.0		% Rec.	3546/DRO	06/29/10	1

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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-13

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-13 0-2FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 14:05

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	84.6		%	2540G	07/02/10	1
TPH (GC/FID) Low Fraction	BDL	5.6	mg/kg	8015D/GRO	07/01/10	47.5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	86.9		% Rec.	8015D/GRO	07/01/10	47.5
Volatile Organics						
Acetone	BDL	0.12	mg/kg	8260B	07/02/10	2.07
Acrylonitrile	BDL	0.024	mg/kg	8260B	07/02/10	2.07
Benzene	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
Bromobenzene	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
Bromodichloromethane	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
Bromoform	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
Bromomethane	BDL	0.012	mg/kg	8260B	07/02/10	2.07
n-Butylbenzene	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
sec-Butylbenzene	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
tert-Butylbenzene	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
Carbon tetrachloride	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
Chlorobenzene	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
Chlorodibromomethane	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
Chloroethane	BDL	0.012	mg/kg	8260B	07/02/10	2.07
2-Chloroethyl vinyl ether	BDL	0.12	mg/kg	8260B	07/02/10	2.07
Chloroform	BDL	0.012	mg/kg	8260B	07/02/10	2.07
Chloromethane	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
2-Chlorotoluene	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
4-Chlorotoluene	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
1,2-Dibromo-3-Chloropropane	BDL	0.012	mg/kg	8260B	07/02/10	2.07
1,2-Dibromoethane	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
Dibromomethane	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
1,2-Dichlorobenzene	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
1,3-Dichlorobenzene	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
1,4-Dichlorobenzene	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
Dichlorodifluoromethane	BDL	0.012	mg/kg	8260B	07/02/10	2.07
1,1-Dichloroethane	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
1,2-Dichloroethane	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
1,1-Dichloroethene	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
cis-1,2-Dichloroethene	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
trans-1,2-Dichloroethene	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
1,2-Dichloropropane	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
1,1-Dichloropropene	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
1,3-Dichloropropane	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
cis-1,3-Dichloropropene	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
trans-1,3-Dichloropropene	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
2,2-Dichloropropane	BDL	0.0024	mg/kg	8260B	07/02/10	2.07

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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-13

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-13 0-2FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 14:05

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Di-isopropyl ether	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
Ethylbenzene	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
Hexachloro-1,3-butadiene	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
Isopropylbenzene	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
p-Isopropyltoluene	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
2-Butanone (MEK)	BDL	0.024	mg/kg	8260B	07/02/10	2.07
Methylene Chloride	BDL	0.012	mg/kg	8260B	07/02/10	2.07
4-Methyl-2-pentanone (MIBK)	BDL	0.024	mg/kg	8260B	07/02/10	2.07
Methyl tert-butyl ether	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
Naphthalene	BDL	0.012	mg/kg	8260B	07/02/10	2.07
n-Propylbenzene	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
Styrene	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
1,1,1,2-Tetrachloroethane	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
1,1,2,2-Tetrachloroethane	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
Tetrachloroethene	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
Toluene	BDL	0.012	mg/kg	8260B	07/02/10	2.07
1,2,3-Trichlorobenzene	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
1,2,4-Trichlorobenzene	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
1,1,1-Trichloroethane	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
1,1,2-Trichloroethane	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
Trichloroethene	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
Trichlorofluoromethane	BDL	0.012	mg/kg	8260B	07/02/10	2.07
1,2,3-Trichloropropane	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
1,2,4-Trimethylbenzene	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
1,3,5-Trimethylbenzene	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
Vinyl chloride	BDL	0.0024	mg/kg	8260B	07/02/10	2.07
Xylenes, Total	BDL	0.0073	mg/kg	8260B	07/02/10	2.07
Surrogate Recovery						
Toluene-d8	100.		% Rec.	8260B	07/02/10	2.07
Dibromofluoromethane	92.5		% Rec.	8260B	07/02/10	2.07
4-Bromofluorobenzene	87.0		% Rec.	8260B	07/02/10	2.07
TPH (GC/FID) High Fraction	BDL	4.7	mg/kg	3546/DRO	06/29/10	1
Surrogate recovery(%)						
o-Terphenyl	66.4		% Rec.	3546/DRO	06/29/10	1

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Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-14

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-14 0-3FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 13:40

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	95.8		%	2540G	07/02/10	1
TPH (GC/FID) Low Fraction	BDL	5.0	mg/kg	8015D/GRO	07/01/10	48
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	87.0		% Rec.	8015D/GRO	07/01/10	48
Volatile Organics						
Acetone	BDL	0.052	mg/kg	8260B	07/02/10	1
Acrylonitrile	BDL	0.010	mg/kg	8260B	07/02/10	1
Benzene	BDL	0.0010	mg/kg	8260B	07/02/10	1
Bromobenzene	BDL	0.0010	mg/kg	8260B	07/02/10	1
Bromodichloromethane	BDL	0.0010	mg/kg	8260B	07/02/10	1
Bromoform	BDL	0.0010	mg/kg	8260B	07/02/10	1
Bromomethane	BDL	0.0052	mg/kg	8260B	07/02/10	1
n-Butylbenzene	BDL	0.0010	mg/kg	8260B	07/02/10	1
sec-Butylbenzene	BDL	0.0010	mg/kg	8260B	07/02/10	1
tert-Butylbenzene	BDL	0.0010	mg/kg	8260B	07/02/10	1
Carbon tetrachloride	BDL	0.0010	mg/kg	8260B	07/02/10	1
Chlorobenzene	BDL	0.0010	mg/kg	8260B	07/02/10	1
Chlorodibromomethane	BDL	0.026	mg/kg	8260B	07/02/10	1
Chloroethane	BDL	0.0052	mg/kg	8260B	07/02/10	1
2-Chloroethyl vinyl ether	BDL	0.052	mg/kg	8260B	07/02/10	1
Chloroform	BDL	0.0052	mg/kg	8260B	07/02/10	1
Chloromethane	BDL	0.0010	mg/kg	8260B	07/02/10	1
2-Chlorotoluene	BDL	0.0010	mg/kg	8260B	07/02/10	1
4-Chlorotoluene	BDL	0.0010	mg/kg	8260B	07/02/10	1
1,2-Dibromo-3-Chloropropane	BDL	0.0052	mg/kg	8260B	07/02/10	1
1,2-Dibromoethane	BDL	0.0010	mg/kg	8260B	07/02/10	1
Dibromomethane	BDL	0.0010	mg/kg	8260B	07/02/10	1
1,2-Dichlorobenzene	BDL	0.0010	mg/kg	8260B	07/02/10	1
1,3-Dichlorobenzene	BDL	0.0010	mg/kg	8260B	07/02/10	1
1,4-Dichlorobenzene	BDL	0.0010	mg/kg	8260B	07/02/10	1
Dichlorodifluoromethane	BDL	0.0052	mg/kg	8260B	07/02/10	1
1,1-Dichloroethane	BDL	0.0010	mg/kg	8260B	07/02/10	1
1,2-Dichloroethane	BDL	0.0010	mg/kg	8260B	07/02/10	1
1,1-Dichloroethene	BDL	0.0010	mg/kg	8260B	07/02/10	1
cis-1,2-Dichloroethene	BDL	0.0010	mg/kg	8260B	07/02/10	1
trans-1,2-Dichloroethene	BDL	0.0010	mg/kg	8260B	07/02/10	1
1,2-Dichloropropane	BDL	0.0010	mg/kg	8260B	07/02/10	1
1,1-Dichloropropene	BDL	0.0010	mg/kg	8260B	07/02/10	1
1,3-Dichloropropane	BDL	0.0010	mg/kg	8260B	07/02/10	1
cis-1,3-Dichloropropene	BDL	0.0010	mg/kg	8260B	07/02/10	1
trans-1,3-Dichloropropene	BDL	0.026	mg/kg	8260B	07/02/10	1
2,2-Dichloropropane	BDL	0.0010	mg/kg	8260B	07/02/10	1

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Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-14

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-14 0-3FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 13:40

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Di-isopropyl ether	BDL	0.0010	mg/kg	8260B	07/02/10	1
Ethylbenzene	BDL	0.0010	mg/kg	8260B	07/02/10	1
Hexachloro-1,3-butadiene	BDL	0.0010	mg/kg	8260B	07/02/10	1
Isopropylbenzene	BDL	0.0010	mg/kg	8260B	07/02/10	1
p-Isopropyltoluene	BDL	0.0010	mg/kg	8260B	07/02/10	1
2-Butanone (MEK)	BDL	0.26	mg/kg	8260B	07/02/10	1
Methylene Chloride	BDL	0.0052	mg/kg	8260B	07/02/10	1
4-Methyl-2-pentanone (MIBK)	BDL	0.010	mg/kg	8260B	07/02/10	1
Methyl tert-butyl ether	BDL	0.0010	mg/kg	8260B	07/02/10	1
Naphthalene	BDL	0.0052	mg/kg	8260B	07/02/10	1
n-Propylbenzene	BDL	0.0010	mg/kg	8260B	07/02/10	1
Styrene	BDL	0.0010	mg/kg	8260B	07/02/10	1
1,1,1,2-Tetrachloroethane	BDL	0.0010	mg/kg	8260B	07/02/10	1
1,1,2,2-Tetrachloroethane	BDL	0.0010	mg/kg	8260B	07/02/10	1
Tetrachloroethene	BDL	0.0010	mg/kg	8260B	07/02/10	1
Toluene	BDL	0.0052	mg/kg	8260B	07/02/10	1
1,2,3-Trichlorobenzene	BDL	0.0010	mg/kg	8260B	07/02/10	1
1,2,4-Trichlorobenzene	BDL	0.0010	mg/kg	8260B	07/02/10	1
1,1,1-Trichloroethane	BDL	0.0010	mg/kg	8260B	07/02/10	1
1,1,2-Trichloroethane	BDL	0.0010	mg/kg	8260B	07/02/10	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0010	mg/kg	8260B	07/02/10	1
Trichloroethene	BDL	0.0010	mg/kg	8260B	07/02/10	1
Trichlorofluoromethane	BDL	0.0052	mg/kg	8260B	07/02/10	1
1,2,3-Trichloropropane	BDL	0.0010	mg/kg	8260B	07/02/10	1
1,2,4-Trimethylbenzene	BDL	0.0010	mg/kg	8260B	07/02/10	1
1,3,5-Trimethylbenzene	BDL	0.0010	mg/kg	8260B	07/02/10	1
Vinyl chloride	BDL	0.0010	mg/kg	8260B	07/02/10	1
Xylenes, Total	BDL	0.0031	mg/kg	8260B	07/02/10	1
Surrogate Recovery						
Toluene-d8	97.7		% Rec.	8260B	07/02/10	1
Dibromofluoromethane	103.		% Rec.	8260B	07/02/10	1
4-Bromofluorobenzene	91.9		% Rec.	8260B	07/02/10	1
TPH (GC/FID) High Fraction	BDL	4.2	mg/kg	3546/DRO	06/29/10	1
Surrogate recovery(%)						
o-Terphenyl	75.7		% Rec.	3546/DRO	06/29/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-15

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-15 0-3FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 14:45

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	92.6		%	2540G	07/02/10	1
Chromium	5.7	0.54	mg/kg	6010B	07/01/10	1
Lead	27.	0.27	mg/kg	6010B	07/01/10	1
TPH (GC/FID) Low Fraction	BDL	4.6	mg/kg	8015D/GRO	07/01/10	43
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	86.6		% Rec.	8015D/GRO	07/01/10	43
Volatile Organics						
Acetone	BDL	0.054	mg/kg	8260B	07/02/10	1
Acrylonitrile	BDL	0.011	mg/kg	8260B	07/02/10	1
Benzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Bromobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
Bromoform	BDL	0.0011	mg/kg	8260B	07/02/10	1
Bromomethane	BDL	0.0054	mg/kg	8260B	07/02/10	1
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	07/02/10	1
Chlorobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Chlorodibromomethane	BDL	0.027	mg/kg	8260B	07/02/10	1
Chloroethane	BDL	0.0054	mg/kg	8260B	07/02/10	1
2-Chloroethyl vinyl ether	BDL	0.054	mg/kg	8260B	07/02/10	1
Chloroform	BDL	0.0054	mg/kg	8260B	07/02/10	1
Chloromethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	07/02/10	1
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,2-Dibromo-3-Chloropropane	BDL	0.0054	mg/kg	8260B	07/02/10	1
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
Dibromomethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Dichlorodifluoromethane	BDL	0.0054	mg/kg	8260B	07/02/10	1
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/02/10	1
cis-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/02/10	1
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,3-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/02/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-15

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-15 0-3FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 14:45

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
cis-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/02/10	1
trans-1,3-Dichloropropene	BDL	0.027	mg/kg	8260B	07/02/10	1
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/02/10	1
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	07/02/10	1
Ethylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Hexachloro-1,3-butadiene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
p-Isopropyltoluene	BDL	0.0011	mg/kg	8260B	07/02/10	1
2-Butanone (MEK)	BDL	0.27	mg/kg	8260B	07/02/10	1
Methylene Chloride	BDL	0.0054	mg/kg	8260B	07/02/10	1
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	07/02/10	1
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	07/02/10	1
Naphthalene	BDL	0.0054	mg/kg	8260B	07/02/10	1
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Styrene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
Tetrachloroethene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Toluene	BDL	0.0054	mg/kg	8260B	07/02/10	1
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0011	mg/kg	8260B	07/02/10	1
Trichloroethene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Trichlorofluoromethane	BDL	0.0054	mg/kg	8260B	07/02/10	1
1,2,3-Trichloropropane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,2,4-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Vinyl chloride	BDL	0.0011	mg/kg	8260B	07/02/10	1
Xylenes, Total	BDL	0.0032	mg/kg	8260B	07/02/10	1
Surrogate Recovery						
Toluene-d8	88.3		% Rec.	8260B	07/02/10	1
Dibromofluoromethane	104.		% Rec.	8260B	07/02/10	1
4-Bromofluorobenzene	81.1		% Rec.	8260B	07/02/10	1
TPH (GC/FID) High Fraction	25.	4.3	mg/kg	3546/DRO	06/29/10	1
Surrogate recovery(%)						
o-Terphenyl	67.5		% Rec.	3546/DRO	06/29/10	1
Base/Neutral Extractables						
Acenaphthene	BDL	0.71	mg/kg	8270D	07/02/10	20
Acenaphthylene	BDL	0.71	mg/kg	8270D	07/02/10	20
Anthracene	BDL	0.71	mg/kg	8270D	07/02/10	20

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BDL - Below Detection Limit
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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-15

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-15 0-3FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 14:45

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Benzidine	BDL	7.2	mg/kg	8270D	07/02/10	20
Benzo(a)anthracene	BDL	0.71	mg/kg	8270D	07/02/10	20
Benzo(b)fluoranthene	BDL	0.71	mg/kg	8270D	07/02/10	20
Benzo(k)fluoranthene	BDL	0.71	mg/kg	8270D	07/02/10	20
Benzo(g,h,i)perylene	BDL	0.71	mg/kg	8270D	07/02/10	20
Benzo(a)pyrene	BDL	0.71	mg/kg	8270D	07/02/10	20
Bis(2-chlorethoxy)methane	BDL	7.2	mg/kg	8270D	07/02/10	20
Bis(2-chloroethyl)ether	BDL	7.2	mg/kg	8270D	07/02/10	20
Bis(2-chloroisopropyl)ether	BDL	7.2	mg/kg	8270D	07/02/10	20
4-Bromophenyl-phenylether	BDL	7.2	mg/kg	8270D	07/02/10	20
2-Chloronaphthalene	BDL	0.71	mg/kg	8270D	07/02/10	20
4-Chlorophenyl-phenylether	BDL	7.2	mg/kg	8270D	07/02/10	20
Chrysene	BDL	0.71	mg/kg	8270D	07/02/10	20
Dibenz(a,h)anthracene	BDL	0.71	mg/kg	8270D	07/02/10	20
3,3-Dichlorobenzidine	BDL	7.2	mg/kg	8270D	07/02/10	20
2,4-Dinitrotoluene	BDL	7.2	mg/kg	8270D	07/02/10	20
2,6-Dinitrotoluene	BDL	7.2	mg/kg	8270D	07/02/10	20
Fluoranthene	BDL	0.71	mg/kg	8270D	07/02/10	20
Fluorene	BDL	0.71	mg/kg	8270D	07/02/10	20
Hexachlorobenzene	BDL	7.2	mg/kg	8270D	07/02/10	20
Hexachloro-1,3-butadiene	BDL	7.2	mg/kg	8270D	07/02/10	20
Hexachlorocyclopentadiene	BDL	7.2	mg/kg	8270D	07/02/10	20
Hexachloroethane	BDL	7.2	mg/kg	8270D	07/02/10	20
Indeno(1,2,3-cd)pyrene	BDL	0.71	mg/kg	8270D	07/02/10	20
Isophorone	BDL	7.2	mg/kg	8270D	07/02/10	20
Naphthalene	BDL	0.71	mg/kg	8270D	07/02/10	20
Nitrobenzene	BDL	7.2	mg/kg	8270D	07/02/10	20
n-Nitrosodimethylamine	BDL	7.2	mg/kg	8270D	07/02/10	20
n-Nitrosodiphenylamine	BDL	7.2	mg/kg	8270D	07/02/10	20
n-Nitrosodi-n-propylamine	BDL	7.2	mg/kg	8270D	07/02/10	20
Phenanthrene	BDL	0.71	mg/kg	8270D	07/02/10	20
Benzylbutyl phthalate	BDL	7.2	mg/kg	8270D	07/02/10	20
Bis(2-ethylhexyl)phthalate	BDL	7.2	mg/kg	8270D	07/02/10	20
Di-n-butyl phthalate	BDL	7.2	mg/kg	8270D	07/02/10	20
Diethyl phthalate	BDL	7.2	mg/kg	8270D	07/02/10	20
Dimethyl phthalate	BDL	7.2	mg/kg	8270D	07/02/10	20
Di-n-octyl phthalate	BDL	7.2	mg/kg	8270D	07/02/10	20
Pyrene	BDL	0.71	mg/kg	8270D	07/02/10	20
1,2,4-Trichlorobenzene	BDL	7.2	mg/kg	8270D	07/02/10	20
Acid Extractables						
4-Chloro-3-methylphenol	BDL	7.2	mg/kg	8270D	07/02/10	20
2-Chlorophenol	BDL	7.2	mg/kg	8270D	07/02/10	20
2,4-Dichlorophenol	BDL	7.2	mg/kg	8270D	07/02/10	20
2,4-Dimethylphenol	BDL	7.2	mg/kg	8270D	07/02/10	20

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BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-15

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-15 0-3FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 14:45

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
4,6-Dinitro-2-methylphenol	BDL	7.2	mg/kg	8270D	07/02/10	20
2,4-Dinitrophenol	BDL	7.2	mg/kg	8270D	07/02/10	20
2-Nitrophenol	BDL	7.2	mg/kg	8270D	07/02/10	20
4-Nitrophenol	BDL	7.2	mg/kg	8270D	07/02/10	20
Pentachlorophenol	BDL	7.2	mg/kg	8270D	07/02/10	20
Phenol	BDL	7.2	mg/kg	8270D	07/02/10	20
2,4,6-Trichlorophenol	BDL	7.2	mg/kg	8270D	07/02/10	20
Surrogate Recovery						
2-Fluorophenol	0.00		% Rec.	8270D	07/02/10	20
Phenol-d5	0.00		% Rec.	8270D	07/02/10	20
Nitrobenzene-d5	0.00		% Rec.	8270D	07/02/10	20
2-Fluorobiphenyl	0.00		% Rec.	8270D	07/02/10	20
2,4,6-Tribromophenol	0.00		% Rec.	8270D	07/02/10	20
p-Terphenyl-d14	0.00		% Rec.	8270D	07/02/10	20

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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Reported: 07/06/10 10:32 Printed: 07/06/10 10:36
L466440-15 (SV8270BNA) - Diluted due to matrix

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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-16

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-16 0-3FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 14:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	85.1		%	2540G	07/02/10	1
Chromium	4.6	0.59	mg/kg	6010B	07/01/10	1
Lead	18.	0.29	mg/kg	6010B	07/01/10	1
TPH (GC/FID) Low Fraction	BDL	5.9	mg/kg	8015D/GRO	07/02/10	50
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	86.8		% Rec.	8015D/GRO	07/02/10	50
Volatile Organics						
Acetone	BDL	0.059	mg/kg	8260B	07/02/10	1
Acrylonitrile	BDL	0.012	mg/kg	8260B	07/02/10	1
Benzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromodichloromethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromoform	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromomethane	BDL	0.0059	mg/kg	8260B	07/02/10	1
n-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
sec-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
tert-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Carbon tetrachloride	BDL	0.0012	mg/kg	8260B	07/02/10	1
Chlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Chlorodibromomethane	BDL	0.029	mg/kg	8260B	07/02/10	1
Chloroethane	BDL	0.0059	mg/kg	8260B	07/02/10	1
2-Chloroethyl vinyl ether	BDL	0.059	mg/kg	8260B	07/02/10	1
Chloroform	BDL	0.0059	mg/kg	8260B	07/02/10	1
Chloromethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
2-Chlorotoluene	BDL	0.0012	mg/kg	8260B	07/02/10	1
4-Chlorotoluene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dibromo-3-Chloropropane	BDL	0.0059	mg/kg	8260B	07/02/10	1
1,2-Dibromoethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Dibromomethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,3-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,4-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Dichlorodifluoromethane	BDL	0.0059	mg/kg	8260B	07/02/10	1
1,1-Dichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
cis-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
trans-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,3-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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L466440-16 (SV8270BNA) - Diluted due to matrix

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Tax I.D. 62-0814289

Est. 1970

REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-16

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-16 0-3FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 14:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
cis-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/02/10	1
trans-1,3-Dichloropropene	BDL	0.029	mg/kg	8260B	07/02/10	1
2,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Di-isopropyl ether	BDL	0.0012	mg/kg	8260B	07/02/10	1
Ethylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Hexachloro-1,3-butadiene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Isopropylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
p-Isopropyltoluene	BDL	0.0012	mg/kg	8260B	07/02/10	1
2-Butanone (MEK)	BDL	0.29	mg/kg	8260B	07/02/10	1
Methylene Chloride	BDL	0.0059	mg/kg	8260B	07/02/10	1
4-Methyl-2-pentanone (MIBK)	BDL	0.012	mg/kg	8260B	07/02/10	1
Methyl tert-butyl ether	BDL	0.0012	mg/kg	8260B	07/02/10	1
Naphthalene	BDL	0.0059	mg/kg	8260B	07/02/10	1
n-Propylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Styrene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,1,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,2,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Tetrachloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Toluene	BDL	0.0059	mg/kg	8260B	07/02/10	1
1,2,3-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2,4-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,1-Trichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,2-Trichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0012	mg/kg	8260B	07/02/10	1
Trichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Trichlorofluoromethane	BDL	0.0059	mg/kg	8260B	07/02/10	1
1,2,3-Trichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2,4-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,3,5-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Vinyl chloride	BDL	0.0012	mg/kg	8260B	07/02/10	1
Xylenes, Total	BDL	0.0035	mg/kg	8260B	07/02/10	1
Surrogate Recovery						
Toluene-d8	97.3		% Rec.	8260B	07/02/10	1
Dibromofluoromethane	99.7		% Rec.	8260B	07/02/10	1
4-Bromofluorobenzene	94.6		% Rec.	8260B	07/02/10	1
TPH (GC/FID) High Fraction	17.	4.7	mg/kg	3546/DRO	06/30/10	1
Surrogate recovery(%)						
o-Terphenyl	69.0		% Rec.	3546/DRO	06/30/10	1
Base/Neutral Extractables						
Acenaphthene	BDL	0.78	mg/kg	8270D	07/02/10	20
Acenaphthylene	BDL	0.78	mg/kg	8270D	07/02/10	20
Anthracene	BDL	0.78	mg/kg	8270D	07/02/10	20

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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L466440-16 (SV8270BNA) - Diluted due to matrix

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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-16

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-16 0-3FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 14:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Benzidine	BDL	7.8	mg/kg	8270D	07/02/10	20
Benzo(a)anthracene	BDL	0.78	mg/kg	8270D	07/02/10	20
Benzo(b)fluoranthene	BDL	0.78	mg/kg	8270D	07/02/10	20
Benzo(k)fluoranthene	BDL	0.78	mg/kg	8270D	07/02/10	20
Benzo(g,h,i)perylene	BDL	0.78	mg/kg	8270D	07/02/10	20
Benzo(a)pyrene	BDL	0.78	mg/kg	8270D	07/02/10	20
Bis(2-chlorethoxy)methane	BDL	7.8	mg/kg	8270D	07/02/10	20
Bis(2-chloroethyl)ether	BDL	7.8	mg/kg	8270D	07/02/10	20
Bis(2-chloroisopropyl)ether	BDL	7.8	mg/kg	8270D	07/02/10	20
4-Bromophenyl-phenylether	BDL	7.8	mg/kg	8270D	07/02/10	20
2-Chloronaphthalene	BDL	0.78	mg/kg	8270D	07/02/10	20
4-Chlorophenyl-phenylether	BDL	7.8	mg/kg	8270D	07/02/10	20
Chrysene	BDL	0.78	mg/kg	8270D	07/02/10	20
Dibenz(a,h)anthracene	BDL	0.78	mg/kg	8270D	07/02/10	20
3,3-Dichlorobenzidine	BDL	7.8	mg/kg	8270D	07/02/10	20
2,4-Dinitrotoluene	BDL	7.8	mg/kg	8270D	07/02/10	20
2,6-Dinitrotoluene	BDL	7.8	mg/kg	8270D	07/02/10	20
Fluoranthene	BDL	0.78	mg/kg	8270D	07/02/10	20
Fluorene	BDL	0.78	mg/kg	8270D	07/02/10	20
Hexachlorobenzene	BDL	7.8	mg/kg	8270D	07/02/10	20
Hexachloro-1,3-butadiene	BDL	7.8	mg/kg	8270D	07/02/10	20
Hexachlorocyclopentadiene	BDL	7.8	mg/kg	8270D	07/02/10	20
Hexachloroethane	BDL	7.8	mg/kg	8270D	07/02/10	20
Indeno(1,2,3-cd)pyrene	BDL	0.78	mg/kg	8270D	07/02/10	20
Isophorone	BDL	7.8	mg/kg	8270D	07/02/10	20
Naphthalene	BDL	0.78	mg/kg	8270D	07/02/10	20
Nitrobenzene	BDL	7.8	mg/kg	8270D	07/02/10	20
n-Nitrosodimethylamine	BDL	7.8	mg/kg	8270D	07/02/10	20
n-Nitrosodiphenylamine	BDL	7.8	mg/kg	8270D	07/02/10	20
n-Nitrosodi-n-propylamine	BDL	7.8	mg/kg	8270D	07/02/10	20
Phenanthrene	BDL	0.78	mg/kg	8270D	07/02/10	20
Benzylbutyl phthalate	BDL	7.8	mg/kg	8270D	07/02/10	20
Bis(2-ethylhexyl)phthalate	BDL	7.8	mg/kg	8270D	07/02/10	20
Di-n-butyl phthalate	BDL	7.8	mg/kg	8270D	07/02/10	20
Diethyl phthalate	BDL	7.8	mg/kg	8270D	07/02/10	20
Dimethyl phthalate	BDL	7.8	mg/kg	8270D	07/02/10	20
Di-n-octyl phthalate	BDL	7.8	mg/kg	8270D	07/02/10	20
Pyrene	BDL	0.78	mg/kg	8270D	07/02/10	20
1,2,4-Trichlorobenzene	BDL	7.8	mg/kg	8270D	07/02/10	20
Acid Extractables						
4-Chloro-3-methylphenol	BDL	7.8	mg/kg	8270D	07/02/10	20
2-Chlorophenol	BDL	7.8	mg/kg	8270D	07/02/10	20
2,4-Dichlorophenol	BDL	7.8	mg/kg	8270D	07/02/10	20
2,4-Dimethylphenol	BDL	7.8	mg/kg	8270D	07/02/10	20

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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L466440-16 (SV8270BNA) - Diluted due to matrix

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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-16

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-16 0-3FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 14:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
4,6-Dinitro-2-methylphenol	BDL	7.8	mg/kg	8270D	07/02/10	20
2,4-Dinitrophenol	BDL	7.8	mg/kg	8270D	07/02/10	20
2-Nitrophenol	BDL	7.8	mg/kg	8270D	07/02/10	20
4-Nitrophenol	BDL	7.8	mg/kg	8270D	07/02/10	20
Pentachlorophenol	BDL	7.8	mg/kg	8270D	07/02/10	20
Phenol	BDL	7.8	mg/kg	8270D	07/02/10	20
2,4,6-Trichlorophenol	BDL	7.8	mg/kg	8270D	07/02/10	20
Surrogate Recovery						
2-Fluorophenol	0.00		% Rec.	8270D	07/02/10	20
Phenol-d5	0.00		% Rec.	8270D	07/02/10	20
Nitrobenzene-d5	0.00		% Rec.	8270D	07/02/10	20
2-Fluorobiphenyl	0.00		% Rec.	8270D	07/02/10	20
2,4,6-Tribromophenol	0.00		% Rec.	8270D	07/02/10	20
p-Terphenyl-d14	0.00		% Rec.	8270D	07/02/10	20

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Det. Limit - Practical Quantitation Limit(PQL)
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Reported: 07/06/10 10:32 Printed: 07/06/10 10:36
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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-17

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-17 0-3FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 15:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	89.6		%	2540G	07/02/10	1
Chromium	8.2	0.56	mg/kg	6010B	07/01/10	1
Lead	12.	0.28	mg/kg	6010B	07/01/10	1
TPH (GC/FID) Low Fraction	BDL	5.4	mg/kg	8015D/GRO	07/02/10	48
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	87.6		% Rec.	8015D/GRO	07/02/10	48
Volatile Organics						
Acetone	BDL	0.056	mg/kg	8260B	07/02/10	1
Acrylonitrile	BDL	0.011	mg/kg	8260B	07/02/10	1
Benzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Bromobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
Bromoform	BDL	0.0011	mg/kg	8260B	07/02/10	1
Bromomethane	BDL	0.0056	mg/kg	8260B	07/02/10	1
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	07/02/10	1
Chlorobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Chlorodibromomethane	BDL	0.028	mg/kg	8260B	07/02/10	1
Chloroethane	BDL	0.0056	mg/kg	8260B	07/02/10	1
2-Chloroethyl vinyl ether	BDL	0.056	mg/kg	8260B	07/02/10	1
Chloroform	BDL	0.0056	mg/kg	8260B	07/02/10	1
Chloromethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	07/02/10	1
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,2-Dibromo-3-Chloropropane	BDL	0.0056	mg/kg	8260B	07/02/10	1
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
Dibromomethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Dichlorodifluoromethane	BDL	0.0056	mg/kg	8260B	07/02/10	1
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/02/10	1
cis-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/02/10	1
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,3-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/02/10	1

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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-17

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-17 0-3FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 15:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
cis-1,3-Dichloropropene	BDL	0.028	mg/kg	8260B	07/02/10	1
trans-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/02/10	1
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/02/10	1
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	07/02/10	1
Ethylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Hexachloro-1,3-butadiene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
p-Isopropyltoluene	BDL	0.0011	mg/kg	8260B	07/02/10	1
2-Butanone (MEK)	BDL	0.28	mg/kg	8260B	07/02/10	1
Methylene Chloride	BDL	0.0056	mg/kg	8260B	07/02/10	1
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	07/02/10	1
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	07/02/10	1
Naphthalene	BDL	0.0056	mg/kg	8260B	07/02/10	1
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Styrene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
Tetrachloroethene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Toluene	BDL	0.0056	mg/kg	8260B	07/02/10	1
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0011	mg/kg	8260B	07/02/10	1
Trichloroethene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Trichlorofluoromethane	BDL	0.0056	mg/kg	8260B	07/02/10	1
1,2,3-Trichloropropane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,2,4-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Vinyl chloride	BDL	0.0011	mg/kg	8260B	07/02/10	1
Xylenes, Total	BDL	0.0033	mg/kg	8260B	07/02/10	1
Surrogate Recovery						
Toluene-d8	96.3		% Rec.	8260B	07/02/10	1
Dibromofluoromethane	99.3		% Rec.	8260B	07/02/10	1
4-Bromofluorobenzene	95.3		% Rec.	8260B	07/02/10	1
TPH (GC/FID) High Fraction	17.	4.5	mg/kg	3546/DRO	07/01/10	1
Surrogate recovery(%)						
o-Terphenyl	77.9		% Rec.	3546/DRO	07/01/10	1
Base/Neutral Extractables						
Acenaphthene	BDL	0.15	mg/kg	8270D	07/02/10	4
Acenaphthylene	BDL	0.15	mg/kg	8270D	07/02/10	4
Anthracene	BDL	0.15	mg/kg	8270D	07/02/10	4

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-17

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-17 0-3FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 15:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Benzidine	BDL	1.5	mg/kg	8270D	07/02/10	4
Benzo(a)anthracene	BDL	0.15	mg/kg	8270D	07/02/10	4
Benzo(b)fluoranthene	BDL	0.15	mg/kg	8270D	07/02/10	4
Benzo(k)fluoranthene	BDL	0.15	mg/kg	8270D	07/02/10	4
Benzo(g,h,i)perylene	BDL	0.15	mg/kg	8270D	07/02/10	4
Benzo(a)pyrene	BDL	0.15	mg/kg	8270D	07/02/10	4
Bis(2-chlorethoxy)methane	BDL	1.5	mg/kg	8270D	07/02/10	4
Bis(2-chloroethyl)ether	BDL	1.5	mg/kg	8270D	07/02/10	4
Bis(2-chloroisopropyl)ether	BDL	1.5	mg/kg	8270D	07/02/10	4
4-Bromophenyl-phenylether	BDL	1.5	mg/kg	8270D	07/02/10	4
2-Chloronaphthalene	BDL	0.15	mg/kg	8270D	07/02/10	4
4-Chlorophenyl-phenylether	BDL	1.5	mg/kg	8270D	07/02/10	4
Chrysene	BDL	0.15	mg/kg	8270D	07/02/10	4
Dibenz(a,h)anthracene	BDL	0.15	mg/kg	8270D	07/02/10	4
3,3-Dichlorobenzidine	BDL	1.5	mg/kg	8270D	07/02/10	4
2,4-Dinitrotoluene	BDL	1.5	mg/kg	8270D	07/02/10	4
2,6-Dinitrotoluene	BDL	1.5	mg/kg	8270D	07/02/10	4
Fluoranthene	BDL	0.15	mg/kg	8270D	07/02/10	4
Fluorene	BDL	0.15	mg/kg	8270D	07/02/10	4
Hexachlorobenzene	BDL	1.5	mg/kg	8270D	07/02/10	4
Hexachloro-1,3-butadiene	BDL	1.5	mg/kg	8270D	07/02/10	4
Hexachlorocyclopentadiene	BDL	1.5	mg/kg	8270D	07/02/10	4
Hexachloroethane	BDL	1.5	mg/kg	8270D	07/02/10	4
Indeno(1,2,3-cd)pyrene	BDL	0.15	mg/kg	8270D	07/02/10	4
Isophorone	BDL	1.5	mg/kg	8270D	07/02/10	4
Naphthalene	BDL	0.15	mg/kg	8270D	07/02/10	4
Nitrobenzene	BDL	1.5	mg/kg	8270D	07/02/10	4
n-Nitrosodimethylamine	BDL	1.5	mg/kg	8270D	07/02/10	4
n-Nitrosodiphenylamine	BDL	1.5	mg/kg	8270D	07/02/10	4
n-Nitrosodi-n-propylamine	BDL	1.5	mg/kg	8270D	07/02/10	4
Phenanthrene	BDL	0.15	mg/kg	8270D	07/02/10	4
Benzylbutyl phthalate	BDL	1.5	mg/kg	8270D	07/02/10	4
Bis(2-ethylhexyl)phthalate	BDL	1.5	mg/kg	8270D	07/02/10	4
Di-n-butyl phthalate	BDL	1.5	mg/kg	8270D	07/02/10	4
Diethyl phthalate	BDL	1.5	mg/kg	8270D	07/02/10	4
Dimethyl phthalate	BDL	1.5	mg/kg	8270D	07/02/10	4
Di-n-octyl phthalate	BDL	1.5	mg/kg	8270D	07/02/10	4
Pyrene	BDL	0.15	mg/kg	8270D	07/02/10	4
1,2,4-Trichlorobenzene	BDL	1.5	mg/kg	8270D	07/02/10	4
Acid Extractables						
4-Chloro-3-methylphenol	BDL	1.5	mg/kg	8270D	07/02/10	4
2-Chlorophenol	BDL	1.5	mg/kg	8270D	07/02/10	4
2,4-Dichlorophenol	BDL	1.5	mg/kg	8270D	07/02/10	4
2,4-Dimethylphenol	BDL	1.5	mg/kg	8270D	07/02/10	4

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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L466440-17 (SV8270BNA) - Diluted due to matrix

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Est. 1970

REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-17

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-17 0-3FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 15:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
4,6-Dinitro-2-methylphenol	BDL	1.5	mg/kg	8270D	07/02/10	4
2,4-Dinitrophenol	BDL	1.5	mg/kg	8270D	07/02/10	4
2-Nitrophenol	BDL	1.5	mg/kg	8270D	07/02/10	4
4-Nitrophenol	BDL	1.5	mg/kg	8270D	07/02/10	4
Pentachlorophenol	BDL	1.5	mg/kg	8270D	07/02/10	4
Phenol	BDL	1.5	mg/kg	8270D	07/02/10	4
2,4,6-Trichlorophenol	BDL	1.5	mg/kg	8270D	07/02/10	4
Surrogate Recovery						
2-Fluorophenol	81.4		% Rec.	8270D	07/02/10	4
Phenol-d5	87.7		% Rec.	8270D	07/02/10	4
Nitrobenzene-d5	69.4		% Rec.	8270D	07/02/10	4
2-Fluorobiphenyl	76.7		% Rec.	8270D	07/02/10	4
2,4,6-Tribromophenol	63.0		% Rec.	8270D	07/02/10	4
p-Terphenyl-d14	70.8		% Rec.	8270D	07/02/10	4

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Det. Limit - Practical Quantitation Limit(PQL)
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Reported: 07/06/10 10:32 Printed: 07/06/10 10:36
L466440-17 (SV8270BNA) - Diluted due to matrix

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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-18

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : COMPOSITE

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 15:05

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	89.4		%	2540G	07/02/10	1
Pesticide/PCBs						
Aldrin	BDL	0.022	mg/kg	8081/8082	07/02/10	1
Alpha BHC	BDL	0.022	mg/kg	8081/8082	07/02/10	1
Beta BHC	BDL	0.022	mg/kg	8081/8082	07/02/10	1
Delta BHC	BDL	0.022	mg/kg	8081/8082	07/02/10	1
Gamma BHC	BDL	0.022	mg/kg	8081/8082	07/02/10	1
Chlordane	BDL	0.22	mg/kg	8081/8082	07/02/10	1
4,4-DDD	BDL	0.022	mg/kg	8081/8082	07/02/10	1
4,4-DDE	BDL	0.022	mg/kg	8081/8082	07/02/10	1
4,4-DDT	BDL	0.022	mg/kg	8081/8082	07/02/10	1
Dieldrin	BDL	0.022	mg/kg	8081/8082	07/02/10	1
Endosulfan I	BDL	0.022	mg/kg	8081/8082	07/02/10	1
Endosulfan II	BDL	0.022	mg/kg	8081/8082	07/02/10	1
Endosulfan sulfate	BDL	0.022	mg/kg	8081/8082	07/02/10	1
Endrin	BDL	0.022	mg/kg	8081/8082	07/02/10	1
Endrin aldehyde	BDL	0.022	mg/kg	8081/8082	07/02/10	1
Endrin ketone	BDL	0.022	mg/kg	8081/8082	07/02/10	1
Heptachlor	BDL	0.022	mg/kg	8081/8082	07/02/10	1
Heptachlor epoxide	BDL	0.022	mg/kg	8081/8082	07/02/10	1
Hexachlorobenzene	BDL	0.022	mg/kg	8081/8082	07/02/10	1
Methoxychlor	BDL	0.022	mg/kg	8081/8082	07/02/10	1
Toxaphene	BDL	0.45	mg/kg	8081/8082	07/02/10	1
PCB 1016	BDL	0.019	mg/kg	8081/8082	06/30/10	1
PCB 1221	BDL	0.019	mg/kg	8081/8082	06/30/10	1
PCB 1232	BDL	0.019	mg/kg	8081/8082	06/30/10	1
PCB 1242	BDL	0.019	mg/kg	8081/8082	06/30/10	1
PCB 1248	BDL	0.019	mg/kg	8081/8082	06/30/10	1
PCB 1254	BDL	0.019	mg/kg	8081/8082	06/30/10	1
PCB 1260	BDL	0.019	mg/kg	8081/8082	06/30/10	1
Pest/PCBs Surrogates						
Decachlorobiphenyl	83.3		% Rec.	8081/8082	06/30/10	1
Decachlorobiphenyl	58.9		% Rec.	8081/8082	06/30/10	1
Tetrachloro-m-xylene	87.0		% Rec.	8081/8082	06/30/10	1
Tetrachloro-m-xylene	63.3		% Rec.	8081/8082	06/30/10	1

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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-19

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-27 0-3FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 12:50

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	80.2		%	2540G	07/02/10	1
TPH (GC/FID) Low Fraction	BDL	5.5	mg/kg	8015D/GRO	07/02/10	44.5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	87.9		% Rec.	8015D/GRO	07/02/10	44.5
Volatile Organics						
Acetone	BDL	0.062	mg/kg	8260B	07/02/10	1
Acrylonitrile	BDL	0.012	mg/kg	8260B	07/02/10	1
Benzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromodichloromethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromoform	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromomethane	BDL	0.0062	mg/kg	8260B	07/02/10	1
n-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
sec-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
tert-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Carbon tetrachloride	BDL	0.0012	mg/kg	8260B	07/02/10	1
Chlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Chlorodibromomethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Chloroethane	BDL	0.0062	mg/kg	8260B	07/02/10	1
2-Chloroethyl vinyl ether	BDL	0.062	mg/kg	8260B	07/02/10	1
Chloroform	BDL	0.0062	mg/kg	8260B	07/02/10	1
Chloromethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
2-Chlorotoluene	BDL	0.0012	mg/kg	8260B	07/02/10	1
4-Chlorotoluene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dibromo-3-Chloropropane	BDL	0.0062	mg/kg	8260B	07/02/10	1
1,2-Dibromoethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Dibromomethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,3-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,4-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Dichlorodifluoromethane	BDL	0.0062	mg/kg	8260B	07/02/10	1
1,1-Dichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
cis-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
trans-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,3-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1
cis-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/02/10	1
trans-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/02/10	1
2,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-19

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-27 0-3FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 12:50

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Di-isopropyl ether	BDL	0.0012	mg/kg	8260B	07/02/10	1
Ethylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Hexachloro-1,3-butadiene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Isopropylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
p-Isopropyltoluene	BDL	0.0012	mg/kg	8260B	07/02/10	1
2-Butanone (MEK)	BDL	0.012	mg/kg	8260B	07/02/10	1
Methylene Chloride	BDL	0.0062	mg/kg	8260B	07/02/10	1
4-Methyl-2-pentanone (MIBK)	BDL	0.012	mg/kg	8260B	07/02/10	1
Methyl tert-butyl ether	BDL	0.0012	mg/kg	8260B	07/02/10	1
Naphthalene	BDL	0.0062	mg/kg	8260B	07/02/10	1
n-Propylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Styrene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,1,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,2,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Tetrachloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Toluene	BDL	0.0062	mg/kg	8260B	07/02/10	1
1,2,3-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2,4-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,1-Trichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,2-Trichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0012	mg/kg	8260B	07/02/10	1
Trichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Trichlorofluoromethane	BDL	0.0062	mg/kg	8260B	07/02/10	1
1,2,3-Trichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2,4-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,3,5-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Vinyl chloride	BDL	0.0012	mg/kg	8260B	07/02/10	1
Xylenes, Total	BDL	0.0037	mg/kg	8260B	07/02/10	1
Surrogate Recovery						
Toluene-d8	98.9		% Rec.	8260B	07/02/10	1
Dibromofluoromethane	102.		% Rec.	8260B	07/02/10	1
4-Bromofluorobenzene	95.4		% Rec.	8260B	07/02/10	1
TPH (GC/FID) High Fraction	BDL	5.0	mg/kg	3546/DRO	06/29/10	1
Surrogate recovery(%)						
o-Terphenyl	72.4		% Rec.	3546/DRO	06/29/10	1

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Det. Limit - Practical Quantitation Limit(PQL)
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Reported: 07/06/10 10:32 Printed: 07/06/10 10:36

www.encolabs.com

Description: SP-11 ESW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-08
Sampled: 03/08/11 14:38
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 82.7

Organochlorine Pesticides by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8] ^	0.00039	U	mg/kg dry	1	0.00039	0.0021	1C11001	EPA 8081B	03/17/11 20:25	MSZ	
4,4'-DDE [72-55-9] ^	0.00050	U	mg/kg dry	1	0.00050	0.0021	1C11001	EPA 8081B	03/17/11 20:25	MSZ	
4,4'-DDT [50-29-3] ^	0.00063	U	mg/kg dry	1	0.00063	0.0021	1C11001	EPA 8081B	03/17/11 20:25	MSZ	
Aldrin [309-00-2] ^	0.00044	U	mg/kg dry	1	0.00044	0.0021	1C11001	EPA 8081B	03/17/11 20:25	MSZ	
alpha-BHC [319-84-6] ^	0.00059	U	mg/kg dry	1	0.00059	0.0021	1C11001	EPA 8081B	03/17/11 20:25	MSZ	
beta-BHC [319-85-7] ^	0.00086	U	mg/kg dry	1	0.00086	0.0021	1C11001	EPA 8081B	03/17/11 20:25	MSZ	
Chlordane (tech) [12789-03-6] ^	0.0014	U	mg/kg dry	1	0.0014	0.040	1C11001	EPA 8081B	03/17/11 20:25	MSZ	
Chlordane-alpha [5103-71-9] ^	0.00056	U	mg/kg dry	1	0.00056	0.0021	1C11001	EPA 8081B	03/17/11 20:25	MSZ	
Chlordane-gamma [5566-34-7] ^	0.00073	U	mg/kg dry	1	0.00073	0.0021	1C11001	EPA 8081B	03/17/11 20:25	MSZ	
delta-BHC [319-86-8] ^	0.00036	U	mg/kg dry	1	0.00036	0.0021	1C11001	EPA 8081B	03/17/11 20:25	MSZ	
Dieldrin [60-57-1] ^	0.00039	U	mg/kg dry	1	0.00039	0.0021	1C11001	EPA 8081B	03/17/11 20:25	MSZ	
Endosulfan I [959-98-8] ^	0.00050	U	mg/kg dry	1	0.00050	0.0021	1C11001	EPA 8081B	03/17/11 20:25	MSZ	
Endosulfan II [33213-65-9] ^	0.00047	U	mg/kg dry	1	0.00047	0.0021	1C11001	EPA 8081B	03/17/11 20:25	MSZ	
Endosulfan sulfate [1031-07-8] ^	0.00058	U	mg/kg dry	1	0.00058	0.0021	1C11001	EPA 8081B	03/17/11 20:25	MSZ	
Endrin [72-20-8] ^	0.00047	U	mg/kg dry	1	0.00047	0.0021	1C11001	EPA 8081B	03/17/11 20:25	MSZ	
Endrin aldehyde [7421-93-4] ^	0.00041	U	mg/kg dry	1	0.00041	0.0021	1C11001	EPA 8081B	03/17/11 20:25	MSZ	
Endrin ketone [53494-70-5] ^	0.00036	U	mg/kg dry	1	0.00036	0.0021	1C11001	EPA 8081B	03/17/11 20:25	MSZ	
gamma-BHC [58-89-9] ^	0.00051	U	mg/kg dry	1	0.00051	0.0021	1C11001	EPA 8081B	03/17/11 20:25	MSZ	
Heptachlor [76-44-8] ^	0.00056	U	mg/kg dry	1	0.00056	0.0021	1C11001	EPA 8081B	03/17/11 20:25	MSZ	
Heptachlor epoxide [1024-57-3] ^	0.00052	U	mg/kg dry	1	0.00052	0.0021	1C11001	EPA 8081B	03/17/11 20:25	MSZ	
Isodrin [465-73-6] ^	0.00044	U	mg/kg dry	1	0.00044	0.0021	1C11001	EPA 8081B	03/17/11 20:25	MSZ	
Methoxychlor [72-43-5] ^	0.00051	U	mg/kg dry	1	0.00051	0.0021	1C11001	EPA 8081B	03/17/11 20:25	MSZ	
Mirex [2385-85-5] ^	0.00068	U	mg/kg dry	1	0.00068	0.0021	1C11001	EPA 8081B	03/17/11 20:25	MSZ	
Toxaphene [8001-35-2] ^	0.012	U	mg/kg dry	1	0.012	0.021	1C11001	EPA 8081B	03/17/11 20:25	MSZ	

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Description: SP-11 ESW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-08
Sampled: 03/08/11 14:38
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 82.7

Polychlorinated Biphenyls by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
PCB-1016/1242 [12674-11-2/53469-21-9] ^	0.0092	U	mg/kg dry	1	0.0092	0.021	1C11002	EPA 8082A	03/17/11 20:25	MSZ	
PCB-1221 [11104-28-2] ^	0.0063	U	mg/kg dry	1	0.0063	0.021	1C11002	EPA 8082A	03/17/11 20:25	MSZ	
PCB-1232 [11141-16-5] ^	0.0063	U	mg/kg dry	1	0.0063	0.021	1C11002	EPA 8082A	03/17/11 20:25	MSZ	
PCB-1248 [12672-29-6] ^	0.0063	U	mg/kg dry	1	0.0063	0.021	1C11002	EPA 8082A	03/17/11 20:25	MSZ	
PCB-1254 [11097-69-1] ^	0.0063	U	mg/kg dry	1	0.0063	0.021	1C11002	EPA 8082A	03/17/11 20:25	MSZ	
PCB-1260 [11096-82-5] ^	0.0050	U	mg/kg dry	1	0.0050	0.021	1C11002	EPA 8082A	03/17/11 20:25	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,5,6-TCMX	*0.056*	*1*	*0.0403*	*140 %*	*44-168*	*1C11002*	*EPA 8082A*	*03/17/11 20:25*	*MSZ*	
Decachlorobiphenyl	*0.048*	*1*	*0.0403*	*120 %*	*51-154*	*1C11002*	*EPA 8082A*	*03/17/11 20:25*	*MSZ*	

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Description: SP-11 ESW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-08
Sampled: 03/08/11 14:38
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 82.7

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	**3.82**		mg/kg dry	1	0.121	0.605	1C10015	EPA 6010C	03/11/11 11:42	JDH	
Lead [7439-92-1] ^	**13.9**		mg/kg dry	1	0.145	0.605	1C10015	EPA 6010C	03/11/11 11:42	JDH	

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Description:	SP-11 ESW	**Lab Sample ID:**	C102841-08	**Received:**	03/09/11 12:50
Matrix:	Soil	**Sampled:**	03/08/11 14:38	**Work Order:**	C102841
Project:	Point Harbour Site	**Sampled By:**	Michael Sabodish	**% Solids:**	82.7

Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM) [C-0007] ^	**910**		mg/kg dry	1	60.5	60.5	1C17007	EPA 9071B	03/22/11 11:48	MJF	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SP-11 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-09
Sampled: 03/08/11 14:38
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 85.0

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00019	U	mg/kg dry	1	0.00019	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00022	U	mg/kg dry	1	0.00022	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00024	U	mg/kg dry	1	0.00024	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00029	U	mg/kg dry	1	0.00029	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00031	U	mg/kg dry	1	0.00031	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00020	U	mg/kg dry	1	0.00020	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00033	U	mg/kg dry	1	0.00033	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00026	U	mg/kg dry	1	0.00026	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00077	U	mg/kg dry	1	0.00077	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00045	U	mg/kg dry	1	0.00045	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00026	U	mg/kg dry	1	0.00026	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00037	U	mg/kg dry	1	0.00037	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00025	U	mg/kg dry	1	0.00025	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00019	U	mg/kg dry	1	0.00019	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00021	U	mg/kg dry	1	0.00021	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00028	U	mg/kg dry	1	0.00028	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00019	U	mg/kg dry	1	0.00019	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00022	U	mg/kg dry	1	0.00022	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
2-Butanone [78-93-3] ^	0.00076	U	mg/kg dry	1	0.00076	0.0048	1C14027	EPA 8260B	03/15/11 03:36	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00047	U	mg/kg dry	1	0.00047	0.0048	1C14027	EPA 8260B	03/15/11 03:36	JKG	
2-Chlorotoluene [95-49-8] ^	0.00017	U	mg/kg dry	1	0.00017	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
2-Hexanone [591-78-6] ^	0.00073	U	mg/kg dry	1	0.00073	0.0048	1C14027	EPA 8260B	03/15/11 03:36	JKG	
4-Chlorotoluene [106-43-4] ^	0.00025	U	mg/kg dry	1	0.00025	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00055	U	mg/kg dry	1	0.00055	0.0048	1C14027	EPA 8260B	03/15/11 03:36	JKG	
Acetone [67-64-1] ^	**0.0036**	J	mg/kg dry	1	0.0012	0.0048	1C14027	EPA 8260B	03/15/11 03:36	JKG	
Benzene [71-43-2] ^	0.00016	U	mg/kg dry	1	0.00016	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
Bromobenzene [108-86-1] ^	0.00021	U	mg/kg dry	1	0.00021	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
Bromochloromethane [74-97-5] ^	0.00040	U	mg/kg dry	1	0.00040	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
Bromodichloromethane [75-27-4] ^	0.00023	U	mg/kg dry	1	0.00023	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
Bromoform [75-25-2] ^	0.00044	U	mg/kg dry	1	0.00044	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
Bromomethane [74-83-9] ^	0.00022	U	mg/kg dry	1	0.00022	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
Carbon disulfide [75-15-0] ^	0.00038	U	mg/kg dry	1	0.00038	0.0048	1C14027	EPA 8260B	03/15/11 03:36	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00021	U	mg/kg dry	1	0.00021	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
Chlorobenzene [108-90-7] ^	0.00016	U	mg/kg dry	1	0.00016	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
Chloroethane [75-00-3] ^	0.00024	U	mg/kg dry	1	0.00024	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
Chloroform [67-66-3] ^	0.00016	U	mg/kg dry	1	0.00016	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
Chloromethane [74-87-3] ^	0.00015	U	mg/kg dry	1	0.00015	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00022	U	mg/kg dry	1	0.00022	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00013	U	mg/kg dry	1	0.00013	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
Dibromochloromethane [124-48-1] ^	0.00034	U	mg/kg dry	1	0.00034	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
Dibromomethane [74-95-3] ^	0.00030	U	mg/kg dry	1	0.00030	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00044	U	mg/kg dry	1	0.00044	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
Ethylbenzene [100-41-4] ^	0.00019	U	mg/kg dry	1	0.00019	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00034	U	mg/kg dry	1	0.00034	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
Isopropylbenzene [98-82-8] ^	0.00015	U	mg/kg dry	1	0.00015	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00036	U	mg/kg dry	1	0.00036	0.0019	1C14027	EPA 8260B	03/15/11 03:36	JKG	
Methylene Chloride [75-09-2] ^	**0.00055**	J	mg/kg dry	1	0.00054	0.0019	1C14027	EPA 8260B	03/15/11 03:36	JKG	

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Description: SP-11 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-09
Sampled: 03/08/11 14:38
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 85.0

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00029	U	mg/kg dry	1	0.00029	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
Naphthalene [91-20-3] ^	0.00023	U	mg/kg dry	1	0.00023	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
n-Butyl Benzene [104-51-8] ^	0.00021	U	mg/kg dry	1	0.00021	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
n-Propyl Benzene [103-65-1] ^	0.00017	U	mg/kg dry	1	0.00017	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
o-Xylene [95-47-6] ^	0.00021	U	mg/kg dry	1	0.00021	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
sec-Butylbenzene [135-98-8] ^	0.00021	U	mg/kg dry	1	0.00021	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
Styrene [100-42-5] ^	0.00016	U	mg/kg dry	1	0.00016	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
tert-Butylbenzene [98-06-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
Tetrachloroethene [127-18-4] ^	0.00027	U	mg/kg dry	1	0.00027	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
Toluene [108-88-3] ^	0.00019	U	mg/kg dry	1	0.00019	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00036	U	mg/kg dry	1	0.00036	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00038	U	mg/kg dry	1	0.00038	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
Trichloroethene [79-01-6] ^	0.00026	U	mg/kg dry	1	0.00026	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00025	U	mg/kg dry	1	0.00025	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
Vinyl chloride [75-01-4] ^	0.00023	U	mg/kg dry	1	0.00023	0.00097	1C14027	EPA 8260B	03/15/11 03:36	JKG	
Xylenes (Total) [1330-20-7] ^	0.00054	U	mg/kg dry	1	0.00054	0.0029	1C14027	EPA 8260B	03/15/11 03:36	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*45*	*1*	*50.0*	*90 %*	*61-118*	*1C14027*	*EPA 8260B*	*03/15/11 03:36*	*JKG*	
Dibromofluoromethane	*44*	*1*	*50.0*	*89 %*	*66-114*	*1C14027*	*EPA 8260B*	*03/15/11 03:36*	*JKG*	
Toluene-d8	*47*	*1*	*50.0*	*94 %*	*63-118*	*1C14027*	*EPA 8260B*	*03/15/11 03:36*	*JKG*	

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Description: SP-11 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-09
Sampled: 03/08/11 14:38
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 85.0

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	0.031	U	mg/kg dry	1	0.031	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
1,2-Dichlorobenzene [95-50-1] ^	0.027	U	mg/kg dry	1	0.027	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
1,3-Dichlorobenzene [541-73-1] ^	0.024	U	mg/kg dry	1	0.024	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
1,4-Dichlorobenzene [106-46-7] ^	0.025	U	mg/kg dry	1	0.025	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
1-Methylnaphthalene [90-12-0] ^	0.032	U	mg/kg dry	1	0.032	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
2,4,5-Trichlorophenol [95-95-4] ^	0.032	U	mg/kg dry	1	0.032	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	0.032	U	mg/kg dry	1	0.032	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
2,4-Dichlorophenol [120-83-2] ^	0.028	U	mg/kg dry	1	0.028	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
2,4-Dimethylphenol [105-67-9] ^	0.051	U	mg/kg dry	1	0.051	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
2,4-Dinitrophenol [51-28-5] ^	0.051	U	mg/kg dry	1	0.051	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
2,4-Dinitrotoluene [121-14-2] ^	0.033	U	mg/kg dry	1	0.033	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
2,6-Dinitrotoluene [606-20-2] ^	0.036	U	mg/kg dry	1	0.036	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
2-Chloronaphthalene [91-58-7] ^	0.033	U	mg/kg dry	1	0.033	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
2-Chlorophenol [95-57-8] ^	0.029	U	mg/kg dry	1	0.029	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	0.039	U	mg/kg dry	1	0.039	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	QV-01
2-Methylnaphthalene [91-57-6] ^	0.033	U	mg/kg dry	1	0.033	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
2-Methylphenol [95-48-7] ^	0.029	U	mg/kg dry	1	0.029	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
2-Nitroaniline [88-74-4] ^	0.035	U	mg/kg dry	1	0.035	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
2-Nitrophenol [88-75-5] ^	0.036	U	mg/kg dry	1	0.036	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.031	U	mg/kg dry	1	0.031	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	0.12	U	mg/kg dry	1	0.12	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
3-Nitroaniline [99-09-2] ^	0.042	U	mg/kg dry	1	0.042	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	0.032	U	mg/kg dry	1	0.032	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	0.039	U	mg/kg dry	1	0.039	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
4-Chloroaniline [106-47-8] ^	0.11	U	mg/kg dry	1	0.11	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	0.031	U	mg/kg dry	1	0.031	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
4-Nitroaniline [100-01-6] ^	0.062	U	mg/kg dry	1	0.062	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
4-Nitrophenol [100-02-7]	0.036	U	mg/kg dry	1	0.036	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
Acenaphthene [83-32-9] ^	0.033	U	mg/kg dry	1	0.033	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
Acenaphthylene [208-96-8] ^	0.033	U	mg/kg dry	1	0.033	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
Anthracene [120-12-7] ^	0.045	U	mg/kg dry	1	0.045	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
Benzidine [92-87-5] ^	0.13	U	mg/kg dry	1	0.13	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
Benzo(a)anthracene [56-55-3] ^	0.033	U	mg/kg dry	1	0.033	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
Benzo(a)pyrene [50-32-8] ^	0.039	U	mg/kg dry	1	0.039	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
Benzo(b)fluoranthene [205-99-2] ^	0.021	U	mg/kg dry	1	0.021	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	0.055	U	mg/kg dry	1	0.055	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.039	U	mg/kg dry	1	0.039	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
Benzoic acid [65-85-0] ^	0.18	U	mg/kg dry	1	0.18	2.0	1C18035	EPA 8270D	03/23/11 23:52	DFM	QV-01
Benzyl alcohol [100-51-6] ^	0.027	U	mg/kg dry	1	0.027	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	0.029	U	mg/kg dry	1	0.029	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	0.051	U	mg/kg dry	1	0.051	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] ^	0.028	U	mg/kg dry	1	0.028	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	0.041	U	mg/kg dry	1	0.041	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
Butylbenzylphthalate [85-68-7] ^	0.047	U	mg/kg dry	1	0.047	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
Chrysene [218-01-9] ^	0.035	U	mg/kg dry	1	0.035	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.060	U	mg/kg dry	1	0.060	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
Dibenzofuran [132-64-9] ^	0.032	U	mg/kg dry	1	0.032	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
Diethylphthalate [84-66-2] ^	0.033	U	mg/kg dry	1	0.033	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
Dimethylphthalate [131-11-3] ^	0.039	U	mg/kg dry	1	0.039	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
Di-n-butylphthalate [84-74-2] ^	0.048	U	mg/kg dry	1	0.048	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
Di-n-octylphthalate [117-84-0] ^	0.039	U	mg/kg dry	1	0.039	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	

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Description: SP-11 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-09
Sampled: 03/08/11 14:38
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 85.0

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	0.042	U	mg/kg dry	1	0.042	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
Fluorene [86-73-7] ^	0.034	U	mg/kg dry	1	0.034	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
Hexachlorobenzene [118-74-1] ^	0.031	U	mg/kg dry	1	0.031	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
Hexachlorobutadiene [87-68-3] ^	0.031	U	mg/kg dry	1	0.031	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	0.046	U	mg/kg dry	1	0.046	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	QV-01
Hexachloroethane [67-72-1] ^	0.025	U	mg/kg dry	1	0.025	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.055	U	mg/kg dry	1	0.055	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
Isophorone [78-59-1] ^	0.035	U	mg/kg dry	1	0.035	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
Naphthalene [91-20-3] ^	0.033	U	mg/kg dry	1	0.033	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
Nitrobenzene [98-95-3] ^	0.031	U	mg/kg dry	1	0.031	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
N-Nitrosodimethylamine [62-75-9] ^	0.025	U	mg/kg dry	1	0.025	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	0.095	U	mg/kg dry	1	0.095	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	0.064	U	mg/kg dry	1	0.064	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
Pentachlorophenol [87-86-5]	0.039	U	mg/kg dry	1	0.039	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	QV-01
Phenanthrene [85-01-8] ^	0.032	U	mg/kg dry	1	0.032	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
Phenol [108-95-2] ^	0.026	U	mg/kg dry	1	0.026	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
Pyrene [129-00-0] ^	0.045	U	mg/kg dry	1	0.045	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	
Pyridine [110-86-1] ^	0.096	U	mg/kg dry	1	0.096	0.39	1C18035	EPA 8270D	03/23/11 23:52	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*3.7*	*1*	*3.92*	*95 %*	*28-130*	*1C18035*	*EPA 8270D*	*03/23/11 23:52*	*DFM*	
2-Fluorobiphenyl	*1.6*	*1*	*1.96*	*83 %*	*56-120*	*1C18035*	*EPA 8270D*	*03/23/11 23:52*	*DFM*	
2-Fluorophenol	*2.8*	*1*	*3.92*	*71 %*	*49-126*	*1C18035*	*EPA 8270D*	*03/23/11 23:52*	*DFM*	
Nitrobenzene-d5	*1.5*	*1*	*1.96*	*79 %*	*50-117*	*1C18035*	*EPA 8270D*	*03/23/11 23:52*	*DFM*	
Phenol-d5	*3.1*	*1*	*3.92*	*79 %*	*56-120*	*1C18035*	*EPA 8270D*	*03/23/11 23:52*	*DFM*	
Terphenyl-d14	*1.7*	*1*	*1.96*	*87 %*	*36-151*	*1C18035*	*EPA 8270D*	*03/23/11 23:52*	*DFM*	

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Description: SP-11 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-09
Sampled: 03/08/11 14:38
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 85.0

Organochlorine Pesticides by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8] ^	0.00038	U	mg/kg dry	1	0.00038	0.0020	1C11001	EPA 8081B	03/17/11 20:38	MSZ	
4,4'-DDE [72-55-9] ^	0.00048	U	mg/kg dry	1	0.00048	0.0020	1C11001	EPA 8081B	03/17/11 20:38	MSZ	
4,4'-DDT [50-29-3] ^	0.00061	U	mg/kg dry	1	0.00061	0.0020	1C11001	EPA 8081B	03/17/11 20:38	MSZ	
Aldrin [309-00-2] ^	0.00042	U	mg/kg dry	1	0.00042	0.0020	1C11001	EPA 8081B	03/17/11 20:38	MSZ	
alpha-BHC [319-84-6] ^	0.00058	U	mg/kg dry	1	0.00058	0.0020	1C11001	EPA 8081B	03/17/11 20:38	MSZ	
beta-BHC [319-85-7] ^	0.00084	U	mg/kg dry	1	0.00084	0.0020	1C11001	EPA 8081B	03/17/11 20:38	MSZ	
Chlordane (tech). [12789-03-6] ^	0.0013	U	mg/kg dry	1	0.0013	0.039	1C11001	EPA 8081B	03/17/11 20:38	MSZ	
Chlordane-alpha [5103-71-9] ^	0.00054	U	mg/kg dry	1	0.00054	0.0020	1C11001	EPA 8081B	03/17/11 20:38	MSZ	
Chlordane-gamma [5566-34-7] ^	0.00071	U	mg/kg dry	1	0.00071	0.0020	1C11001	EPA 8081B	03/17/11 20:38	MSZ	
delta-BHC [319-86-8] ^	0.00035	U	mg/kg dry	1	0.00035	0.0020	1C11001	EPA 8081B	03/17/11 20:38	MSZ	
Dieldrin [60-57-1] ^	0.00038	U	mg/kg dry	1	0.00038	0.0020	1C11001	EPA 8081B	03/17/11 20:38	MSZ	
Endosulfan I [959-98-8] ^	0.00048	U	mg/kg dry	1	0.00048	0.0020	1C11001	EPA 8081B	03/17/11 20:38	MSZ	
Endosulfan II [33213-65-9] ^	0.00046	U	mg/kg dry	1	0.00046	0.0020	1C11001	EPA 8081B	03/17/11 20:38	MSZ	
Endosulfan sulfate [1031-07-8] ^	0.00056	U	mg/kg dry	1	0.00056	0.0020	1C11001	EPA 8081B	03/17/11 20:38	MSZ	
Endrin [72-20-8] ^	0.00046	U	mg/kg dry	1	0.00046	0.0020	1C11001	EPA 8081B	03/17/11 20:38	MSZ	
Endrin aldehyde [7421-93-4] ^	0.00040	U	mg/kg dry	1	0.00040	0.0020	1C11001	EPA 8081B	03/17/11 20:38	MSZ	
Endrin ketone [53494-70-5] ^	0.00035	U	mg/kg dry	1	0.00035	0.0020	1C11001	EPA 8081B	03/17/11 20:38	MSZ	
gamma-BHC [58-89-9] ^	0.00049	U	mg/kg dry	1	0.00049	0.0020	1C11001	EPA 8081B	03/17/11 20:38	MSZ	
Heptachlor [76-44-8] ^	0.00054	U	mg/kg dry	1	0.00054	0.0020	1C11001	EPA 8081B	03/17/11 20:38	MSZ	
Heptachlor epoxide [1024-57-3] ^	0.00051	U	mg/kg dry	1	0.00051	0.0020	1C11001	EPA 8081B	03/17/11 20:38	MSZ	
Isodrin [465-73-6] ^	0.00042	U	mg/kg dry	1	0.00042	0.0020	1C11001	EPA 8081B	03/17/11 20:38	MSZ	
Methoxychlor [72-43-5] ^	0.00049	U	mg/kg dry	1	0.00049	0.0020	1C11001	EPA 8081B	03/17/11 20:38	MSZ	
Mirex [2385-85-5] ^	0.00066	U	mg/kg dry	1	0.00066	0.0020	1C11001	EPA 8081B	03/17/11 20:38	MSZ	
Toxaphene [8001-35-2] ^	0.012	U	mg/kg dry	1	0.012	0.020	1C11001	EPA 8081B	03/17/11 20:38	MSZ	

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Description: SP-11 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-09
Sampled: 03/08/11 14:38
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 85.0

Polychlorinated Biphenyls by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
PCB-1016/1242 [12674-11-2/53469-21-9] ^	0.0089	U	mg/kg dry	1	0.0089	0.020	1C11002	EPA 8082A	03/17/11 20:38	MSZ	
PCB-1221 [11104-28-2] ^	0.0061	U	mg/kg dry	1	0.0061	0.020	1C11002	EPA 8082A	03/17/11 20:38	MSZ	
PCB-1232 [11141-16-5] ^	0.0061	U	mg/kg dry	1	0.0061	0.020	1C11002	EPA 8082A	03/17/11 20:38	MSZ	
PCB-1248 [12672-29-6] ^	0.0061	U	mg/kg dry	1	0.0061	0.020	1C11002	EPA 8082A	03/17/11 20:38	MSZ	
PCB-1254 [11097-69-1] ^	0.0061	U	mg/kg dry	1	0.0061	0.020	1C11002	EPA 8082A	03/17/11 20:38	MSZ	
PCB-1260 [11096-82-5] ^	0.0048	U	mg/kg dry	1	0.0048	0.020	1C11002	EPA 8082A	03/17/11 20:38	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,5,6-TCMX	*0.039*	*1*	*0.0392*	*100 %*	*44-168*	*1C11002*	*EPA 8082A*	*03/17/11 20:38*	*MSZ*	
Decachlorobiphenyl	*0.039*	*1*	*0.0392*	*100 %*	*51-154*	*1C11002*	*EPA 8082A*	*03/17/11 20:38*	*MSZ*	

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Description: SP-11 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-09
Sampled: 03/08/11 14:38
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 85.0

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	**4.43**		mg/kg dry	1	0.118	0.588	1C10015	EPA 6010C	03/11/11 11:44	JDH	
Lead [7439-92-1] ^	**5.58**		mg/kg dry	1	0.141	0.588	1C10015	EPA 6010C	03/11/11 11:44	JDH	

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Description: SP-11 WSW	**Lab Sample ID:** C102841-09	**Received:** 03/09/11 12:50
Matrix: Soil	**Sampled:** 03/08/11 14:38	**Work Order:** C102841
Project: Point Harbour Site	**Sampled By:** Michael Sabodish	**% Solids:** 85.0

Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM) [C-0007] ^	**140**		mg/kg dry	1	58.8	58.8	1C17007	EPA 9071B	03/22/11 11:48	MJF	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SP-11 BASE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-10
Sampled: 03/08/11 14:38
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 81.5

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00020	U	mg/kg dry	1	0.00020	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00022	U	mg/kg dry	1	0.00022	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00028	U	mg/kg dry	1	0.00028	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00033	U	mg/kg dry	1	0.00033	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00035	U	mg/kg dry	1	0.00035	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00023	U	mg/kg dry	1	0.00023	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00038	U	mg/kg dry	1	0.00038	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00030	U	mg/kg dry	1	0.00030	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00087	U	mg/kg dry	1	0.00087	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00051	U	mg/kg dry	1	0.00051	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00030	U	mg/kg dry	1	0.00030	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00042	U	mg/kg dry	1	0.00042	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00029	U	mg/kg dry	1	0.00029	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00022	U	mg/kg dry	1	0.00022	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00032	U	mg/kg dry	1	0.00032	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00022	U	mg/kg dry	1	0.00022	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
2-Butanone [78-93-3] ^	**0.0085**		mg/kg dry	1	0.00086	0.0055	1C14027	EPA 8260B	03/15/11 04:05	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00054	U	mg/kg dry	1	0.00054	0.0055	1C14027	EPA 8260B	03/15/11 04:05	JKG	
2-Chlorotoluene [95-49-8] ^	0.00020	U	mg/kg dry	1	0.00020	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
2-Hexanone [591-78-6] ^	0.00083	U	mg/kg dry	1	0.00083	0.0055	1C14027	EPA 8260B	03/15/11 04:05	JKG	
4-Chlorotoluene [106-43-4] ^	0.00029	U	mg/kg dry	1	0.00029	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00063	U	mg/kg dry	1	0.00063	0.0055	1C14027	EPA 8260B	03/15/11 04:05	JKG	
Acetone [67-64-1] ^	**0.038**		mg/kg dry	1	0.0013	0.0055	1C14027	EPA 8260B	03/15/11 04:05	JKG	
Benzene [71-43-2] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
Bromobenzene [108-86-1] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
Bromochloromethane [74-97-5] ^	0.00045	U	mg/kg dry	1	0.00045	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
Bromodichloromethane [75-27-4] ^	0.00027	U	mg/kg dry	1	0.00027	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
Bromoform [75-25-2] ^	0.00050	U	mg/kg dry	1	0.00050	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
Bromomethane [74-83-9] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
Carbon disulfide [75-15-0] ^	**0.0013**	J	mg/kg dry	1	0.00043	0.0055	1C14027	EPA 8260B	03/15/11 04:05	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
Chlorobenzene [108-90-7] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
Chloroethane [75-00-3] ^	0.00028	U	mg/kg dry	1	0.00028	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
Chloroform [67-66-3] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
Chloromethane [74-87-3] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	**0.00082**	J	mg/kg dry	1	0.00025	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00014	U	mg/kg dry	1	0.00014	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
Dibromochloromethane [124-48-1] ^	0.00039	U	mg/kg dry	1	0.00039	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
Dibromomethane [74-95-3] ^	0.00034	U	mg/kg dry	1	0.00034	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00050	U	mg/kg dry	1	0.00050	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
Ethylbenzene [100-41-4] ^	0.00022	U	mg/kg dry	1	0.00022	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00039	U	mg/kg dry	1	0.00039	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
Isopropylbenzene [98-82-8] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00041	U	mg/kg dry	1	0.00041	0.0022	1C14027	EPA 8260B	03/15/11 04:05	JKG	
Methylene Chloride [75-09-2] ^	**0.00093**	J	mg/kg dry	1	0.00062	0.0022	1C14027	EPA 8260B	03/15/11 04:05	JKG	

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Description: SP-11 BASE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-10
Sampled: 03/08/11 14:38
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 81.5

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00033	U	mg/kg dry	1	0.00033	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
Naphthalene [91-20-3] ^	0.00027	U	mg/kg dry	1	0.00027	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
n-Butyl Benzene [104-51-8] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
n-Propyl Benzene [103-65-1] ^	0.00020	U	mg/kg dry	1	0.00020	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
o-Xylene [95-47-6] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
sec-Butylbenzene [135-98-8] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
Styrene [100-42-5] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
tert-Butylbenzene [98-06-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
Tetrachloroethene [127-18-4] ^	0.00031	U	mg/kg dry	1	0.00031	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
Toluene [108-88-3] ^	0.00022	U	mg/kg dry	1	0.00022	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00041	U	mg/kg dry	1	0.00041	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00043	U	mg/kg dry	1	0.00043	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
Trichloroethene [79-01-6] ^	0.00030	U	mg/kg dry	1	0.00030	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00029	U	mg/kg dry	1	0.00029	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
Vinyl chloride [75-01-4] ^	0.00027	U	mg/kg dry	1	0.00027	0.0011	1C14027	EPA 8260B	03/15/11 04:05	JKG	
Xylenes (Total) [1330-20-7] ^	0.00062	U	mg/kg dry	1	0.00062	0.0033	1C14027	EPA 8260B	03/15/11 04:05	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*46*	*1*	*50.0*	*91 %*	*61-118*	*1C14027*	*EPA 8260B*	*03/15/11 04:05*	*JKG*	
Dibromofluoromethane	*45*	*1*	*50.0*	*90 %*	*66-114*	*1C14027*	*EPA 8260B*	*03/15/11 04:05*	*JKG*	
Toluene-d8	*47*	*1*	*50.0*	*94 %*	*63-118*	*1C14027*	*EPA 8260B*	*03/15/11 04:05*	*JKG*	

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Project: Point Harbour Site

Lab Sample ID: C102841-10
Sampled: 03/08/11 14:38
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Received: 03/09/11 12:50
Work Order: C102841
% Solids: 81.5

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	0.032	U	mg/kg dry	1	0.032	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
1,2-Dichlorobenzene [95-50-1] ^	0.028	U	mg/kg dry	1	0.028	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
1,3-Dichlorobenzene [541-73-1] ^	0.025	U	mg/kg dry	1	0.025	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
1,4-Dichlorobenzene [106-46-7] ^	0.026	U	mg/kg dry	1	0.026	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
1-Methylnaphthalene [90-12-0] ^	0.033	U	mg/kg dry	1	0.033	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
2,4,5-Trichlorophenol [95-95-4] ^	0.033	U	mg/kg dry	1	0.033	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	0.033	U	mg/kg dry	1	0.033	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
2,4-Dichlorophenol [120-83-2] ^	0.029	U	mg/kg dry	1	0.029	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
2,4-Dimethylphenol [105-67-9] ^	0.053	U	mg/kg dry	1	0.053	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
2,4-Dinitrophenol [51-28-5] ^	0.053	U	mg/kg dry	1	0.053	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
2,4-Dinitrotoluene [121-14-2] ^	0.034	U	mg/kg dry	1	0.034	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
2,6-Dinitrotoluene [606-20-2] ^	0.038	U	mg/kg dry	1	0.038	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
2-Chloronaphthalene [91-58-7] ^	0.034	U	mg/kg dry	1	0.034	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
2-Chlorophenol [95-57-8] ^	0.031	U	mg/kg dry	1	0.031	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	0.040	U	mg/kg dry	1	0.040	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	QV-01
2-Methylnaphthalene [91-57-6] ^	0.034	U	mg/kg dry	1	0.034	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
2-Methylphenol [95-48-7] ^	0.031	U	mg/kg dry	1	0.031	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
2-Nitroaniline [88-74-4] ^	0.037	U	mg/kg dry	1	0.037	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
2-Nitrophenol [88-75-5] ^	0.038	U	mg/kg dry	1	0.038	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.032	U	mg/kg dry	1	0.032	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	0.12	U	mg/kg dry	1	0.12	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
3-Nitroaniline [99-09-2] ^	0.044	U	mg/kg dry	1	0.044	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	0.033	U	mg/kg dry	1	0.033	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	0.040	U	mg/kg dry	1	0.040	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
4-Chloroaniline [106-47-8] ^	0.11	U	mg/kg dry	1	0.11	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	0.032	U	mg/kg dry	1	0.032	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
4-Nitroaniline [100-01-6] ^	0.065	U	mg/kg dry	1	0.065	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
4-Nitrophenol [100-02-7]	0.038	U	mg/kg dry	1	0.038	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
Acenaphthene [83-32-9] ^	0.034	U	mg/kg dry	1	0.034	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
Acenaphthylene [208-96-8] ^	0.034	U	mg/kg dry	1	0.034	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
Anthracene [120-12-7] ^	0.047	U	mg/kg dry	1	0.047	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
Benzidine [92-87-5] ^	0.13	U	mg/kg dry	1	0.13	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
Benzo(a)anthracene [56-55-3] ^	**0.056**	J	mg/kg dry	1	0.034	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
Benzo(a)pyrene [50-32-8] ^	**0.051**	J	mg/kg dry	1	0.040	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
Benzo(b)fluoranthene [205-99-2] ^	**0.053**	J	mg/kg dry	1	0.022	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	0.058	U	mg/kg dry	1	0.058	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.040	U	mg/kg dry	1	0.040	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
Benzoic acid [65-85-0] ^	0.18	U	mg/kg dry	1	0.18	2.1	1C18035	EPA 8270D	03/24/11 01:12	DFM	QV-01
Benzyl alcohol [100-51-6] ^	0.028	U	mg/kg dry	1	0.028	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	0.031	U	mg/kg dry	1	0.031	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	0.053	U	mg/kg dry	1	0.053	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] ^	0.029	U	mg/kg dry	1	0.029	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	0.043	U	mg/kg dry	1	0.043	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
Butylbenzylphthalate [85-68-7] ^	0.049	U	mg/kg dry	1	0.049	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
Chrysene [218-01-9] ^	**0.053**	J	mg/kg dry	1	0.037	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.063	U	mg/kg dry	1	0.063	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
Dibenzofuran [132-64-9] ^	0.033	U	mg/kg dry	1	0.033	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
Diethylphthalate [84-66-2] ^	0.034	U	mg/kg dry	1	0.034	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
Dimethylphthalate [131-11-3] ^	0.040	U	mg/kg dry	1	0.040	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
Di-n-butylphthalate [84-74-2] ^	0.050	U	mg/kg dry	1	0.050	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
Di-n-octylphthalate [117-84-0] ^	0.040	U	mg/kg dry	1	0.040	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	

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Matrix: Soil
Project: Point Harbour Site

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Sampled: 03/08/11 14:38
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Received: 03/09/11 12:50
Work Order: C102841
% Solids: 81.5

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	**0.053**	J	mg/kg dry	1	0.044	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
Fluorene [86-73-7] ^	0.036	U	mg/kg dry	1	0.036	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
Hexachlorobenzene [118-74-1] ^	0.032	U	mg/kg dry	1	0.032	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
Hexachlorobutadiene [87-68-3] ^	0.032	U	mg/kg dry	1	0.032	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	0.048	U	mg/kg dry	1	0.048	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	QV-01
Hexachloroethane [67-72-1] ^	0.026	U	mg/kg dry	1	0.026	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.058	U	mg/kg dry	1	0.058	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
Isophorone [78-59-1] ^	0.037	U	mg/kg dry	1	0.037	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
Naphthalene [91-20-3] ^	0.034	U	mg/kg dry	1	0.034	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
Nitrobenzene [98-95-3] ^	0.032	U	mg/kg dry	1	0.032	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
N-Nitrosodimethylamine [62-75-9] ^	0.026	U	mg/kg dry	1	0.026	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	0.099	U	mg/kg dry	1	0.099	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	0.066	U	mg/kg dry	1	0.066	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
Pentachlorophenol [87-86-5]	0.040	U	mg/kg dry	1	0.040	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	QV-01
Phenanthrene [85-01-8] ^	0.033	U	mg/kg dry	1	0.033	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
Phenol [108-95-2] ^	0.027	U	mg/kg dry	1	0.027	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
Pyrene [129-00-0] ^	**0.057**	J	mg/kg dry	1	0.047	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	
Pyridine [110-86-1] ^	0.10	U	mg/kg dry	1	0.10	0.40	1C18035	EPA 8270D	03/24/11 01:12	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*3.9*	*1*	*4.09*	*95 %*	*28-130*	*1C18035*	*EPA 8270D*	*03/24/11 01:12*	*DFM*	
2-Fluorobiphenyl	*1.7*	*1*	*2.04*	*83 %*	*56-120*	*1C18035*	*EPA 8270D*	*03/24/11 01:12*	*DFM*	
2-Fluorophenol	*2.9*	*1*	*4.09*	*71 %*	*49-126*	*1C18035*	*EPA 8270D*	*03/24/11 01:12*	*DFM*	
Nitrobenzene-d5	*1.6*	*1*	*2.04*	*78 %*	*50-117*	*1C18035*	*EPA 8270D*	*03/24/11 01:12*	*DFM*	
Phenol-d5	*3.3*	*1*	*4.09*	*80 %*	*56-120*	*1C18035*	*EPA 8270D*	*03/24/11 01:12*	*DFM*	
Terphenyl-d14	*1.8*	*1*	*2.04*	*89 %*	*36-151*	*1C18035*	*EPA 8270D*	*03/24/11 01:12*	*DFM*	

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Description: SP-11 BASE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-10
Sampled: 03/08/11 14:38
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 81.5

Organochlorine Pesticides by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8] ^	0.00039	U	mg/kg dry	1	0.00039	0.0021	1C11001	EPA 8081B	03/17/11 20:51	MSZ	
4,4'-DDE [72-55-9] ^	0.00050	U	mg/kg dry	1	0.00050	0.0021	1C11001	EPA 8081B	03/17/11 20:51	MSZ	
4,4'-DDT [50-29-3] ^	0.00064	U	mg/kg dry	1	0.00064	0.0021	1C11001	EPA 8081B	03/17/11 20:51	MSZ	
Aldrin [309-00-2] ^	0.00044	U	mg/kg dry	1	0.00044	0.0021	1C11001	EPA 8081B	03/17/11 20:51	MSZ	
alpha-BHC [319-84-6] ^	0.00060	U	mg/kg dry	1	0.00060	0.0021	1C11001	EPA 8081B	03/17/11 20:51	MSZ	
beta-BHC [319-85-7] ^	0.00087	U	mg/kg dry	1	0.00087	0.0021	1C11001	EPA 8081B	03/17/11 20:51	MSZ	
Chlordane (tech) [12789-03-6] ^	0.0014	U	mg/kg dry	1	0.0014	0.040	1C11001	EPA 8081B	03/17/11 20:51	MSZ	
Chlordane-alpha [5103-71-9] ^	0.00056	U	mg/kg dry	1	0.00056	0.0021	1C11001	EPA 8081B	03/17/11 20:51	MSZ	
Chlordane-gamma [5566-34-7] ^	0.00074	U	mg/kg dry	1	0.00074	0.0021	1C11001	EPA 8081B	03/17/11 20:51	MSZ	
delta-BHC [319-86-8] ^	0.00037	U	mg/kg dry	1	0.00037	0.0021	1C11001	EPA 8081B	03/17/11 20:51	MSZ	
Dieldrin [60-57-1] ^	0.00039	U	mg/kg dry	1	0.00039	0.0021	1C11001	EPA 8081B	03/17/11 20:51	MSZ	
Endosulfan I [959-98-8] ^	0.00050	U	mg/kg dry	1	0.00050	0.0021	1C11001	EPA 8081B	03/17/11 20:51	MSZ	
Endosulfan II [33213-65-9] ^	0.00048	U	mg/kg dry	1	0.00048	0.0021	1C11001	EPA 8081B	03/17/11 20:51	MSZ	
Endosulfan sulfate [1031-07-8] ^	0.00059	U	mg/kg dry	1	0.00059	0.0021	1C11001	EPA 8081B	03/17/11 20:51	MSZ	
Endrin [72-20-8] ^	0.00048	U	mg/kg dry	1	0.00048	0.0021	1C11001	EPA 8081B	03/17/11 20:51	MSZ	
Endrin aldehyde [7421-93-4] ^	0.00042	U	mg/kg dry	1	0.00042	0.0021	1C11001	EPA 8081B	03/17/11 20:51	MSZ	
Endrin ketone [53494-70-5] ^	0.00037	U	mg/kg dry	1	0.00037	0.0021	1C11001	EPA 8081B	03/17/11 20:51	MSZ	
gamma-BHC [58-89-9] ^	0.00052	U	mg/kg dry	1	0.00052	0.0021	1C11001	EPA 8081B	03/17/11 20:51	MSZ	
Heptachlor [76-44-8] ^	0.00056	U	mg/kg dry	1	0.00056	0.0021	1C11001	EPA 8081B	03/17/11 20:51	MSZ	
Heptachlor epoxide [1024-57-3] ^	0.00053	U	mg/kg dry	1	0.00053	0.0021	1C11001	EPA 8081B	03/17/11 20:51	MSZ	
Isodrin [465-73-6] ^	0.00044	U	mg/kg dry	1	0.00044	0.0021	1C11001	EPA 8081B	03/17/11 20:51	MSZ	
Methoxychlor [72-43-5] ^	0.00052	U	mg/kg dry	1	0.00052	0.0021	1C11001	EPA 8081B	03/17/11 20:51	MSZ	
Mirex [2385-85-5] ^	0.00069	U	mg/kg dry	1	0.00069	0.0021	1C11001	EPA 8081B	03/17/11 20:51	MSZ	
Toxaphene [8001-35-2] ^	0.012	U	mg/kg dry	1	0.012	0.021	1C11001	EPA 8081B	03/17/11 20:51	MSZ	

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Description: SP-11 BASE	**Lab Sample ID:** C102841-10	**Received:** 03/09/11 12:50
Matrix: Soil	**Sampled:** 03/08/11 14:38	**Work Order:** C102841
Project: Point Harbour Site	**Sampled By:** Michael Sabodish	**% Solids:** 81.5

Polychlorinated Biphenyls by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
PCB-1016/1242 [12674-11-2/53469-21-9] ^	0.0093	U	mg/kg dry	1	0.0093	0.021	1C11002	EPA 8082A	03/17/11 20:51	MSZ	
PCB-1221 [11104-28-2] ^	0.0064	U	mg/kg dry	1	0.0064	0.021	1C11002	EPA 8082A	03/17/11 20:51	MSZ	
PCB-1232 [11141-16-5] ^	0.0064	U	mg/kg dry	1	0.0064	0.021	1C11002	EPA 8082A	03/17/11 20:51	MSZ	
PCB-1248 [12672-29-6] ^	0.0064	U	mg/kg dry	1	0.0064	0.021	1C11002	EPA 8082A	03/17/11 20:51	MSZ	
PCB-1254 [11097-69-1] ^	0.0064	U	mg/kg dry	1	0.0064	0.021	1C11002	EPA 8082A	03/17/11 20:51	MSZ	
PCB-1260 [11096-82-5] ^	0.0050	U	mg/kg dry	1	0.0050	0.021	1C11002	EPA 8082A	03/17/11 20:51	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,5,6-TCMX	*0.053*	*1*	*0.0409*	*130 %*	*44-168*	*1C11002*	*EPA 8082A*	*03/17/11 20:51*	*MSZ*	
Decachlorobiphenyl	*0.045*	*1*	*0.0409*	*110 %*	*51-154*	*1C11002*	*EPA 8082A*	*03/17/11 20:51*	*MSZ*	

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Description: SP-11 BASE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-10
Sampled: 03/08/11 14:38
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 81.5

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	**5.52**		mg/kg dry	1	0.123	0.613	1C10015	EPA 6010C	03/11/11 11:46	JDH	
Lead [7439-92-1] ^	**32.4**		mg/kg dry	1	0.147	0.613	1C10015	EPA 6010C	03/11/11 11:46	JDH	

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Description: SP-11 BASE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-10
Sampled: 03/08/11 14:38
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 81.5

Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM) [C-0007] ^	61.3	U	mg/kg dry	1	61.3	61.3	1C17007	EPA 9071B	03/22/11 11:48	MJF	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SP-6 NSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-11
Sampled: 03/08/11 16:15
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 72.8

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00022	U	mg/kg dry	1	0.00022	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00025	U	mg/kg dry	1	0.00025	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00027	U	mg/kg dry	1	0.00027	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00032	U	mg/kg dry	1	0.00032	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00034	U	mg/kg dry	1	0.00034	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00041	U	mg/kg dry	1	0.00041	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00044	U	mg/kg dry	1	0.00044	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00029	U	mg/kg dry	1	0.00029	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00047	U	mg/kg dry	1	0.00047	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00037	U	mg/kg dry	1	0.00037	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00023	U	mg/kg dry	1	0.00023	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.0011	U	mg/kg dry	1	0.0011	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00063	U	mg/kg dry	1	0.00063	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00037	U	mg/kg dry	1	0.00037	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00052	U	mg/kg dry	1	0.00052	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00036	U	mg/kg dry	1	0.00036	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00027	U	mg/kg dry	1	0.00027	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00030	U	mg/kg dry	1	0.00030	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00040	U	mg/kg dry	1	0.00040	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00027	U	mg/kg dry	1	0.00027	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00032	U	mg/kg dry	1	0.00032	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
2-Butanone [78-93-3] ^	**0.091**		mg/kg dry	1	0.0011	0.0069	1C12002	EPA 8260B	03/12/11 18:54	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00067	U	mg/kg dry	1	0.00067	0.0069	1C12002	EPA 8260B	03/12/11 18:54	JKG	
2-Chlorotoluene [95-49-8] ^	0.00025	U	mg/kg dry	1	0.00025	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
2-Hexanone [591-78-6] ^	0.0010	U	mg/kg dry	1	0.0010	0.0069	1C12002	EPA 8260B	03/12/11 18:54	JKG	
4-Chlorotoluene [106-43-4] ^	0.00036	U	mg/kg dry	1	0.00036	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00022	U	mg/kg dry	1	0.00022	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00078	U	mg/kg dry	1	0.00078	0.0069	1C12002	EPA 8260B	03/12/11 18:54	JKG	
Acetone [67-64-1] ^	**0.20**		mg/kg dry	1	0.0016	0.0069	1C12002	EPA 8260B	03/12/11 18:54	JKG	
Benzene [71-43-2] ^	0.00023	U	mg/kg dry	1	0.00023	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
Bromobenzene [108-86-1] ^	0.00030	U	mg/kg dry	1	0.00030	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
Bromochloromethane [74-97-5] ^	0.00056	U	mg/kg dry	1	0.00056	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
Bromodichloromethane [75-27-4] ^	0.00033	U	mg/kg dry	1	0.00033	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
Bromoform [75-25-2] ^	0.00062	U	mg/kg dry	1	0.00062	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
Bromomethane [74-83-9] ^	0.00032	U	mg/kg dry	1	0.00032	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
Carbon disulfide [75-15-0] ^	**0.00072**	J	mg/kg dry	1	0.00054	0.0069	1C12002	EPA 8260B	03/12/11 18:54	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00030	U	mg/kg dry	1	0.00030	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
Chlorobenzene [108-90-7] ^	**0.010**		mg/kg dry	1	0.00023	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
Chloroethane [75-00-3] ^	0.00034	U	mg/kg dry	1	0.00034	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
Chloroform [67-66-3] ^	0.00023	U	mg/kg dry	1	0.00023	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
Chloromethane [74-87-3] ^	0.00021	U	mg/kg dry	1	0.00021	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00032	U	mg/kg dry	1	0.00032	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00018	U	mg/kg dry	1	0.00018	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
Dibromochloromethane [124-48-1] ^	0.00048	U	mg/kg dry	1	0.00048	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
Dibromomethane [74-95-3] ^	0.00043	U	mg/kg dry	1	0.00043	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00062	U	mg/kg dry	1	0.00062	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
Ethylbenzene [100-41-4] ^	0.00027	U	mg/kg dry	1	0.00027	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00048	U	mg/kg dry	1	0.00048	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
Isopropylbenzene [98-82-8] ^	**0.068**		mg/kg dry	1	0.00021	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	**0.0014**	J	mg/kg dry	1	0.00051	0.0027	1C12002	EPA 8260B	03/12/11 18:54	JKG	
Methylene Chloride [75-09-2] ^	**0.00083**	J	mg/kg dry	1	0.00077	0.0027	1C12002	EPA 8260B	03/12/11 18:54	JKG	

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Description: SP-6 NSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-11
Sampled: 03/08/11 16:15
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 72.8

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00041	U	mg/kg dry	1	0.00041	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
Naphthalene [91-20-3] ^	0.00033	U	mg/kg dry	1	0.00033	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
n-Butyl Benzene [104-51-8] ^	**0.091**		mg/kg dry	1	0.00030	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
n-Propyl Benzene [103-65-1] ^	0.00025	U	mg/kg dry	1	0.00025	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
o-Xylene [95-47-6] ^	0.00030	U	mg/kg dry	1	0.00030	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
sec-Butylbenzene [135-98-8] ^	**0.098**		mg/kg dry	1	0.00030	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
Styrene [100-42-5] ^	0.00023	U	mg/kg dry	1	0.00023	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
tert-Butylbenzene [98-06-6] ^	**0.014**		mg/kg dry	1	0.00022	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
Tetrachloroethene [127-18-4] ^	0.00038	U	mg/kg dry	1	0.00038	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
Toluene [108-88-3] ^	0.00027	U	mg/kg dry	1	0.00027	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00051	U	mg/kg dry	1	0.00051	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00054	U	mg/kg dry	1	0.00054	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
Trichloroethene [79-01-6] ^	0.00037	U	mg/kg dry	1	0.00037	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00036	U	mg/kg dry	1	0.00036	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
Vinyl chloride [75-01-4] ^	0.00033	U	mg/kg dry	1	0.00033	0.0014	1C12002	EPA 8260B	03/12/11 18:54	JKG	
Xylenes (Total) [1330-20-7] ^	**0.0014**	J	mg/kg dry	1	0.00077	0.0041	1C12002	EPA 8260B	03/12/11 18:54	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*94*	*1*	*50.0*	*188 %*	*61-118*	*1C12002*	*EPA 8260B*	*03/12/11 18:54*	*JKG*	*QS-03*
Dibromofluoromethane	*45*	*1*	*50.0*	*91 %*	*66-114*	*1C12002*	*EPA 8260B*	*03/12/11 18:54*	*JKG*	
Toluene-d8	*44*	*1*	*50.0*	*88 %*	*63-118*	*1C12002*	*EPA 8260B*	*03/12/11 18:54*	*JKG*	

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Description: SP-6 NSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-11
Sampled: 03/08/11 16:15
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 72.8

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	0.18	UD	mg/kg dry	5	0.18	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
1,2-Dichlorobenzene [95-50-1] ^	0.16	UD	mg/kg dry	5	0.16	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
1,3-Dichlorobenzene [541-73-1] ^	0.14	UD	mg/kg dry	5	0.14	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
1,4-Dichlorobenzene [106-46-7] ^	0.14	UD	mg/kg dry	5	0.14	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
1-Methylnaphthalene [90-12-0] ^	0.19	UD	mg/kg dry	5	0.19	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
2,4,5-Trichlorophenol [95-95-4] ^	0.19	UD	mg/kg dry	5	0.19	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
2,4,6-Trichlorophenol [88-06-2] ^	0.19	UD	mg/kg dry	5	0.19	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
2,4-Dichlorophenol [120-83-2] ^	0.16	UD	mg/kg dry	5	0.16	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
2,4-Dimethylphenol [105-67-9] ^	0.30	UD	mg/kg dry	5	0.30	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
2,4-Dinitrophenol [51-28-5] ^	0.30	UD	mg/kg dry	5	0.30	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
2,4-Dinitrotoluene [121-14-2] ^	0.19	UD	mg/kg dry	5	0.19	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
2,6-Dinitrotoluene [606-20-2] ^	0.21	UD	mg/kg dry	5	0.21	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
2-Chloronaphthalene [91-58-7] ^	0.19	UD	mg/kg dry	5	0.19	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
2-Chlorophenol [95-57-8] ^	0.17	UD	mg/kg dry	5	0.17	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
2-Methyl-4,6-dinitrophenol [534-52-1] ^	0.23	UD	mg/kg dry	5	0.23	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
2-Methylnaphthalene [91-57-6] ^	0.19	UD	mg/kg dry	5	0.19	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
2-Methylphenol [95-48-7] ^	0.17	UD	mg/kg dry	5	0.17	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
2-Nitroaniline [88-74-4] ^	0.21	UD	mg/kg dry	5	0.21	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
2-Nitrophenol [88-75-5] ^	0.21	UD	mg/kg dry	5	0.21	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.18	UD	mg/kg dry	5	0.18	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
3,3'-Dichlorobenzidine [91-94-1] ^	0.67	UD	mg/kg dry	5	0.67	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
3-Nitroaniline [99-09-2] ^	0.25	UD	mg/kg dry	5	0.25	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
4-Bromophenyl-phenylether [101-55-3] ^	0.19	UD	mg/kg dry	5	0.19	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
4-Chloro-3-methylphenol [59-50-7] ^	0.23	UD	mg/kg dry	5	0.23	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
4-Chloroaniline [106-47-8] ^	0.64	UD	mg/kg dry	5	0.64	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
4-Chlorophenyl-phenylether [7005-72-3] ^	0.18	UD	mg/kg dry	5	0.18	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
4-Nitroaniline [100-01-6] ^	0.36	UD	mg/kg dry	5	0.36	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
4-Nitrophenol [100-02-7]	0.21	UD	mg/kg dry	5	0.21	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
Acenaphthene [83-32-9] ^	0.19	UD	mg/kg dry	5	0.19	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
Acenaphthylene [208-96-8] ^	0.19	UD	mg/kg dry	5	0.19	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
Anthracene [120-12-7] ^	0.26	UD	mg/kg dry	5	0.26	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
Benzidine [92-87-5] ^	0.76	UD	mg/kg dry	5	0.76	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	QV-01, R-05
Benzo(a)anthracene [56-55-3] ^	0.19	UD	mg/kg dry	5	0.19	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
Benzo(a)pyrene [50-32-8] ^	0.23	UD	mg/kg dry	5	0.23	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
Benzo(b)fluoranthene [205-99-2] ^	0.12	UD	mg/kg dry	5	0.12	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
Benzo(g,h,i)perylene [191-24-2] ^	0.32	UD	mg/kg dry	5	0.32	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
Benzo(k)fluoranthene [207-08-9] ^	0.23	UD	mg/kg dry	5	0.23	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
Benzoic acid [65-85-0] ^	1.0	UD	mg/kg dry	5	1.0	12	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
Benzyl alcohol [100-51-6] ^	0.16	UD	mg/kg dry	5	0.16	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
Bis(2-chloroethoxy)methane [111-91-1] ^	0.17	UD	mg/kg dry	5	0.17	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
Bis(2-chloroethyl)ether [111-44-4] ^	0.30	UD	mg/kg dry	5	0.30	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
Bis(2-chloroisopropyl)ether [108-60-1] ^	0.16	UD	mg/kg dry	5	0.16	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
Bis(2-ethylhexyl)phthalate [117-81-7] ^	0.24	UD	mg/kg dry	5	0.24	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
Butylbenzylphthalate [85-68-7] ^	0.27	UD	mg/kg dry	5	0.27	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
Chrysene [218-01-9] ^	0.21	UD	mg/kg dry	5	0.21	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
Dibenzo(a,h)anthracene [53-70-3] ^	0.35	UD	mg/kg dry	5	0.35	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
Dibenzofuran [132-64-9] ^	0.19	UD	mg/kg dry	5	0.19	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
Diethylphthalate [84-66-2] ^	0.19	UD	mg/kg dry	5	0.19	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
Dimethylphthalate [131-11-3] ^	0.23	UD	mg/kg dry	5	0.23	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
Di-n-butylphthalate [84-74-2] ^	0.28	UD	mg/kg dry	5	0.28	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
Di-n-octylphthalate [117-84-0] ^	0.23	UD	mg/kg dry	5	0.23	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05

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% Solids: 72.8

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	0.25	UD	mg/kg dry	5	0.25	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
Fluorene [86-73-7] ^	0.20	UD	mg/kg dry	5	0.20	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
Hexachlorobenzene [118-74-1] ^	0.18	UD	mg/kg dry	5	0.18	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
Hexachlorobutadiene [87-68-3] ^	0.18	UD	mg/kg dry	5	0.18	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
Hexachlorocyclopentadiene [77-47-4] ^	0.27	UD	mg/kg dry	5	0.27	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
Hexachloroethane [67-72-1] ^	0.14	UD	mg/kg dry	5	0.14	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.32	UD	mg/kg dry	5	0.32	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
Isophorone [78-59-1] ^	0.21	UD	mg/kg dry	5	0.21	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
Naphthalene [91-20-3] ^	0.19	UD	mg/kg dry	5	0.19	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
Nitrobenzene [98-95-3] ^	0.18	UD	mg/kg dry	5	0.18	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
N-Nitrosodimethylamine [62-75-9] ^	0.14	UD	mg/kg dry	5	0.14	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
N-Nitroso-di-n-propylamine [621-64-7] ^	0.56	UD	mg/kg dry	5	0.56	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	0.37	UD	mg/kg dry	5	0.37	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
Pentachlorophenol [87-86-5]	0.23	UD	mg/kg dry	5	0.23	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	QV-01, R-05
Phenanthrene [85-01-8] ^	**3.3**	D	mg/kg dry	5	0.19	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
Phenol [108-95-2] ^	0.15	UD	mg/kg dry	5	0.15	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
Pyrene [129-00-0] ^	0.26	UD	mg/kg dry	5	0.26	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05
Pyridine [110-86-1] ^	0.56	UD	mg/kg dry	5	0.56	2.3	1C16008	EPA 8270D	03/18/11 22:34	DFM	R-05

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*5.6*	*5*	*4.58*	*122 %*	*28-130*	*1C16008*	*EPA 8270D*	*03/18/11 22:34*	*DFM*	*R-05*
2-Fluorobiphenyl	*2.8*	*5*	*2.29*	*123 %*	*56-120*	*1C16008*	*EPA 8270D*	*03/18/11 22:34*	*DFM*	*R-05*
2-Fluorophenol	*3.1*	*5*	*4.58*	*67 %*	*49-126*	*1C16008*	*EPA 8270D*	*03/18/11 22:34*	*DFM*	*R-05*
Nitrobenzene-d5	*3.2*	*5*	*2.29*	*138 %*	*50-117*	*1C16008*	*EPA 8270D*	*03/18/11 22:34*	*DFM*	*R-05*
Phenol-d5	*3.7*	*5*	*4.58*	*82 %*	*56-120*	*1C16008*	*EPA 8270D*	*03/18/11 22:34*	*DFM*	*R-05*
Terphenyl-d14	*3.0*	*5*	*2.29*	*132 %*	*36-151*	*1C16008*	*EPA 8270D*	*03/18/11 22:34*	*DFM*	*R-05*

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Organochlorine Pesticides by GC

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Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8] ^	0.00044	U	mg/kg dry	1	0.00044	0.0023	1C11001	EPA 8081B	03/17/11 21:04	MSZ	
4,4'-DDE [72-55-9] ^	0.00056	U	mg/kg dry	1	0.00056	0.0023	1C11001	EPA 8081B	03/17/11 21:04	MSZ	
4,4'-DDT [50-29-3] ^	0.00071	U	mg/kg dry	1	0.00071	0.0023	1C11001	EPA 8081B	03/17/11 21:04	MSZ	
Aldrin [309-00-2] ^	0.00049	U	mg/kg dry	1	0.00049	0.0023	1C11001	EPA 8081B	03/17/11 21:04	MSZ	
alpha-BHC [319-84-6] ^	0.00067	U	mg/kg dry	1	0.00067	0.0023	1C11001	EPA 8081B	03/17/11 21:04	MSZ	
beta-BHC [319-85-7] ^	0.00098	U	mg/kg dry	1	0.00098	0.0023	1C11001	EPA 8081B	03/17/11 21:04	MSZ	
Chlordane (tech) [12789-03-6] ^	0.0015	U	mg/kg dry	1	0.0015	0.045	1C11001	EPA 8081B	03/17/11 21:04	MSZ	
Chlordane-alpha [5103-71-9] ^	0.00063	U	mg/kg dry	1	0.00063	0.0023	1C11001	EPA 8081B	03/17/11 21:04	MSZ	
Chlordane-gamma [5566-34-7] ^	0.00082	U	mg/kg dry	1	0.00082	0.0023	1C11001	EPA 8081B	03/17/11 21:04	MSZ	
delta-BHC [319-86-8] ^	0.00041	U	mg/kg dry	1	0.00041	0.0023	1C11001	EPA 8081B	03/17/11 21:04	MSZ	
Dieldrin [60-57-1] ^	0.00044	U	mg/kg dry	1	0.00044	0.0023	1C11001	EPA 8081B	03/17/11 21:04	MSZ	
Endosulfan I [959-98-8] ^	0.00056	U	mg/kg dry	1	0.00056	0.0023	1C11001	EPA 8081B	03/17/11 21:04	MSZ	
Endosulfan II [33213-65-9] ^	0.00054	U	mg/kg dry	1	0.00054	0.0023	1C11001	EPA 8081B	03/17/11 21:04	MSZ	
Endosulfan sulfate [1031-07-8] ^	0.00066	U	mg/kg dry	1	0.00066	0.0023	1C11001	EPA 8081B	03/17/11 21:04	MSZ	
Endrin [72-20-8] ^	0.00054	U	mg/kg dry	1	0.00054	0.0023	1C11001	EPA 8081B	03/17/11 21:04	MSZ	
Endrin aldehyde [7421-93-4] ^	0.00047	U	mg/kg dry	1	0.00047	0.0023	1C11001	EPA 8081B	03/17/11 21:04	MSZ	
Endrin ketone [53494-70-5] ^	0.00041	U	mg/kg dry	1	0.00041	0.0023	1C11001	EPA 8081B	03/17/11 21:04	MSZ	
gamma-BHC [58-89-9] ^	0.00058	U	mg/kg dry	1	0.00058	0.0023	1C11001	EPA 8081B	03/17/11 21:04	MSZ	
Heptachlor [76-44-8] ^	0.00063	U	mg/kg dry	1	0.00063	0.0023	1C11001	EPA 8081B	03/17/11 21:04	MSZ	
Heptachlor epoxide [1024-57-3] ^	0.00059	U	mg/kg dry	1	0.00059	0.0023	1C11001	EPA 8081B	03/17/11 21:04	MSZ	
Isodrin [465-73-6] ^	0.00049	U	mg/kg dry	1	0.00049	0.0023	1C11001	EPA 8081B	03/17/11 21:04	MSZ	
Methoxychlor [72-43-5] ^	0.00058	U	mg/kg dry	1	0.00058	0.0023	1C11001	EPA 8081B	03/17/11 21:04	MSZ	
Mirex [2385-85-5] ^	0.00077	U	mg/kg dry	1	0.00077	0.0023	1C11001	EPA 8081B	03/17/11 21:04	MSZ	
Toxaphene [8001-35-2] ^	0.014	U	mg/kg dry	1	0.014	0.023	1C11001	EPA 8081B	03/17/11 21:04	MSZ	

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Polychlorinated Biphenyls by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
PCB-1016/1242 [12674-11-2/53469-21-9] ^	0.010	U	mg/kg dry	1	0.010	0.023	1C11002	EPA 8082A	03/17/11 21:04	MSZ	
PCB-1221 [11104-28-2] ^	0.0071	U	mg/kg dry	1	0.0071	0.023	1C11002	EPA 8082A	03/17/11 21:04	MSZ	
PCB-1232 [11141-16-5] ^	0.0071	U	mg/kg dry	1	0.0071	0.023	1C11002	EPA 8082A	03/17/11 21:04	MSZ	
PCB-1248 [12672-29-6] ^	0.0071	U	mg/kg dry	1	0.0071	0.023	1C11002	EPA 8082A	03/17/11 21:04	MSZ	
PCB-1254 [11097-69-1] ^	0.0071	U	mg/kg dry	1	0.0071	0.023	1C11002	EPA 8082A	03/17/11 21:04	MSZ	
PCB-1260 [11096-82-5] ^	0.0056	U	mg/kg dry	1	0.0056	0.023	1C11002	EPA 8082A	03/17/11 21:04	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,5,6-TCMX	*0.041*	*1*	*0.0458*	*90 %*	*44-168*	*1C11002*	*EPA 8082A*	*03/17/11 21:04*	*MSZ*	
Decachlorobiphenyl	*0.050*	*1*	*0.0458*	*110 %*	*51-154*	*1C11002*	*EPA 8082A*	*03/17/11 21:04*	*MSZ*	

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Metals by EPA 6000/7000 Series Methods

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Chromium [7440-47-3] ^	**3.78**		mg/kg dry	1	0.137	0.687	1C10015	EPA 6010C	03/11/11 11:04	JDH	
Lead [7439-92-1] ^	**38.4**		mg/kg dry	1	0.165	0.687	1C10015	EPA 6010C	03/11/11 11:04	JDH	

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Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM) [C-0007] ^	**4530**		mg/kg dry	1	68.7	68.7	1C14013	EPA 9071B	03/16/11 15:00	MJF	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SP-6 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-12
Sampled: 03/08/11 16:15
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 80.9

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00020	U	mg/kg dry	1	0.00020	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00022	U	mg/kg dry	1	0.00022	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00025	U	mg/kg dry	1	0.00025	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00028	U	mg/kg dry	1	0.00028	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00031	U	mg/kg dry	1	0.00031	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00037	U	mg/kg dry	1	0.00037	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00040	U	mg/kg dry	1	0.00040	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00026	U	mg/kg dry	1	0.00026	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00042	U	mg/kg dry	1	0.00042	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00033	U	mg/kg dry	1	0.00033	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	**0.00072**	J	mg/kg dry	1	0.00021	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00098	U	mg/kg dry	1	0.00098	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00057	U	mg/kg dry	1	0.00057	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00033	U	mg/kg dry	1	0.00033	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00047	U	mg/kg dry	1	0.00047	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00032	U	mg/kg dry	1	0.00032	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00025	U	mg/kg dry	1	0.00025	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00027	U	mg/kg dry	1	0.00027	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00036	U	mg/kg dry	1	0.00036	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00025	U	mg/kg dry	1	0.00025	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00028	U	mg/kg dry	1	0.00028	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
2-Butanone [78-93-3] ^	**0.0076**		mg/kg dry	1	0.00096	0.0062	1C12002	EPA 8260B	03/12/11 19:23	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00061	U	mg/kg dry	1	0.00061	0.0062	1C12002	EPA 8260B	03/12/11 19:23	JKG	
2-Chlorotoluene [95-49-8] ^	0.00022	U	mg/kg dry	1	0.00022	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
2-Hexanone [591-78-6] ^	0.00093	U	mg/kg dry	1	0.00093	0.0062	1C12002	EPA 8260B	03/12/11 19:23	JKG	
4-Chlorotoluene [106-43-4] ^	0.00032	U	mg/kg dry	1	0.00032	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00020	U	mg/kg dry	1	0.00020	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00070	U	mg/kg dry	1	0.00070	0.0062	1C12002	EPA 8260B	03/12/11 19:23	JKG	
Acetone [67-64-1] ^	**0.025**		mg/kg dry	1	0.0015	0.0062	1C12002	EPA 8260B	03/12/11 19:23	JKG	
Benzene [71-43-2] ^	0.00021	U	mg/kg dry	1	0.00021	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
Bromobenzene [108-86-1] ^	0.00027	U	mg/kg dry	1	0.00027	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
Bromochloromethane [74-97-5] ^	0.00051	U	mg/kg dry	1	0.00051	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
Bromodichloromethane [75-27-4] ^	0.00030	U	mg/kg dry	1	0.00030	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
Bromoform [75-25-2] ^	0.00056	U	mg/kg dry	1	0.00056	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
Bromomethane [74-83-9] ^	0.00028	U	mg/kg dry	1	0.00028	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
Carbon disulfide [75-15-0] ^	**0.00090**	J	mg/kg dry	1	0.00048	0.0062	1C12002	EPA 8260B	03/12/11 19:23	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00027	U	mg/kg dry	1	0.00027	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
Chlorobenzene [108-90-7] ^	0.00021	U	mg/kg dry	1	0.00021	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
Chloroethane [75-00-3] ^	0.00031	U	mg/kg dry	1	0.00031	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
Chloroform [67-66-3] ^	0.00021	U	mg/kg dry	1	0.00021	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
Chloromethane [74-87-3] ^	0.00019	U	mg/kg dry	1	0.00019	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00028	U	mg/kg dry	1	0.00028	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00016	U	mg/kg dry	1	0.00016	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
Dibromochloromethane [124-48-1] ^	0.00043	U	mg/kg dry	1	0.00043	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
Dibromomethane [74-95-3] ^	0.00038	U	mg/kg dry	1	0.00038	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00056	U	mg/kg dry	1	0.00056	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
Ethylbenzene [100-41-4] ^	0.00025	U	mg/kg dry	1	0.00025	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00043	U	mg/kg dry	1	0.00043	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
Isopropylbenzene [98-82-8] ^	**0.00092**	J	mg/kg dry	1	0.00019	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00046	U	mg/kg dry	1	0.00046	0.0025	1C12002	EPA 8260B	03/12/11 19:23	JKG	
Methylene Chloride [75-09-2] ^	**0.0013**	J	mg/kg dry	1	0.00069	0.0025	1C12002	EPA 8260B	03/12/11 19:23	JKG	

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Description: SP-6 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-12
Sampled: 03/08/11 16:15
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 80.9

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00037	U	mg/kg dry	1	0.00037	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
Naphthalene [91-20-3] ^	0.00030	U	mg/kg dry	1	0.00030	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
n-Butyl Benzene [104-51-8] ^	**0.0029**		mg/kg dry	1	0.00027	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
n-Propyl Benzene [103-65-1] ^	0.00022	U	mg/kg dry	1	0.00022	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
o-Xylene [95-47-6] ^	0.00027	U	mg/kg dry	1	0.00027	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
sec-Butylbenzene [135-98-8] ^	**0.0027**		mg/kg dry	1	0.00027	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
Styrene [100-42-5] ^	0.00021	U	mg/kg dry	1	0.00021	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
tert-Butylbenzene [98-06-6] ^	**0.00054**	J	mg/kg dry	1	0.00020	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
Tetrachloroethene [127-18-4] ^	0.00035	U	mg/kg dry	1	0.00035	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
Toluene [108-88-3] ^	0.00025	U	mg/kg dry	1	0.00025	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00046	U	mg/kg dry	1	0.00046	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00048	U	mg/kg dry	1	0.00048	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
Trichloroethene [79-01-6] ^	0.00033	U	mg/kg dry	1	0.00033	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00032	U	mg/kg dry	1	0.00032	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
Vinyl chloride [75-01-4] ^	0.00030	U	mg/kg dry	1	0.00030	0.0012	1C12002	EPA 8260B	03/12/11 19:23	JKG	
Xylenes (Total) [1330-20-7] ^	0.00069	U	mg/kg dry	1	0.00069	0.0037	1C12002	EPA 8260B	03/12/11 19:23	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*55*	*1*	*50.0*	*110 %*	*61-118*	*1C12002*	*EPA 8260B*	*03/12/11 19:23*	*JKG*	
Dibromofluoromethane	*41*	*1*	*50.0*	*82 %*	*66-114*	*1C12002*	*EPA 8260B*	*03/12/11 19:23*	*JKG*	
Toluene-d8	*46*	*1*	*50.0*	*93 %*	*63-118*	*1C12002*	*EPA 8260B*	*03/12/11 19:23*	*JKG*	

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Description: SP-6 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-12
Sampled: 03/08/11 16:15
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 80.9

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	0.032	U	mg/kg dry	1	0.032	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
1,2-Dichlorobenzene [95-50-1] ^	0.028	U	mg/kg dry	1	0.028	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
1,3-Dichlorobenzene [541-73-1] ^	0.025	U	mg/kg dry	1	0.025	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
1,4-Dichlorobenzene [106-46-7] ^	0.026	U	mg/kg dry	1	0.026	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
1-Methylnaphthalene [90-12-0] ^	0.033	U	mg/kg dry	1	0.033	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
2,4,5-Trichlorophenol [95-95-4] ^	0.033	U	mg/kg dry	1	0.033	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	0.033	U	mg/kg dry	1	0.033	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
2,4-Dichlorophenol [120-83-2] ^	0.030	U	mg/kg dry	1	0.030	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
2,4-Dimethylphenol [105-67-9] ^	0.053	U	mg/kg dry	1	0.053	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
2,4-Dinitrophenol [51-28-5] ^	0.053	U	mg/kg dry	1	0.053	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
2,4-Dinitrotoluene [121-14-2] ^	0.035	U	mg/kg dry	1	0.035	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
2,6-Dinitrotoluene [606-20-2] ^	0.038	U	mg/kg dry	1	0.038	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
2-Chloronaphthalene [91-58-7] ^	0.035	U	mg/kg dry	1	0.035	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
2-Chlorophenol [95-57-8] ^	0.031	U	mg/kg dry	1	0.031	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	0.041	U	mg/kg dry	1	0.041	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
2-Methylnaphthalene [91-57-6] ^	0.035	U	mg/kg dry	1	0.035	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
2-Methylphenol [95-48-7] ^	0.031	U	mg/kg dry	1	0.031	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
2-Nitroaniline [88-74-4] ^	0.037	U	mg/kg dry	1	0.037	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
2-Nitrophenol [88-75-5] ^	0.038	U	mg/kg dry	1	0.038	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.032	U	mg/kg dry	1	0.032	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	0.12	U	mg/kg dry	1	0.12	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
3-Nitroaniline [99-09-2] ^	0.044	U	mg/kg dry	1	0.044	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	0.033	U	mg/kg dry	1	0.033	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	0.041	U	mg/kg dry	1	0.041	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
4-Chloroaniline [106-47-8] ^	0.11	U	mg/kg dry	1	0.11	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	0.032	U	mg/kg dry	1	0.032	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
4-Nitroaniline [100-01-6] ^	0.065	U	mg/kg dry	1	0.065	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
4-Nitrophenol [100-02-7]	0.038	U	mg/kg dry	1	0.038	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
Acenaphthene [83-32-9] ^	0.035	U	mg/kg dry	1	0.035	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
Acenaphthylene [208-96-8] ^	0.035	U	mg/kg dry	1	0.035	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
Anthracene [120-12-7] ^	0.047	U	mg/kg dry	1	0.047	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
Benzidine [92-87-5] ^	0.14	U	mg/kg dry	1	0.14	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
Benzo(a)anthracene [56-55-3] ^	0.035	U	mg/kg dry	1	0.035	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
Benzo(a)pyrene [50-32-8] ^	0.041	U	mg/kg dry	1	0.041	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
Benzo(b)fluoranthene [205-99-2] ^	0.022	U	mg/kg dry	1	0.022	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	0.058	U	mg/kg dry	1	0.058	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.041	U	mg/kg dry	1	0.041	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
Benzoic acid [65-85-0] ^	0.19	U	mg/kg dry	1	0.19	2.1	1C16008	EPA 8270D	03/17/11 17:36	DFM	
Benzyl alcohol [100-51-6] ^	0.028	U	mg/kg dry	1	0.028	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	0.031	U	mg/kg dry	1	0.031	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	0.053	U	mg/kg dry	1	0.053	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] ^	0.030	U	mg/kg dry	1	0.030	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	0.043	U	mg/kg dry	1	0.043	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
Butylbenzylphthalate [85-68-7] ^	0.049	U	mg/kg dry	1	0.049	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
Chrysene [218-01-9] ^	0.037	U	mg/kg dry	1	0.037	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.063	U	mg/kg dry	1	0.063	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
Dibenzofuran [132-64-9] ^	0.033	U	mg/kg dry	1	0.033	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
Diethylphthalate [84-66-2] ^	0.035	U	mg/kg dry	1	0.035	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
Dimethylphthalate [131-11-3] ^	0.041	U	mg/kg dry	1	0.041	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
Di-n-butylphthalate [84-74-2] ^	0.051	U	mg/kg dry	1	0.051	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
Di-n-octylphthalate [117-84-0] ^	0.041	U	mg/kg dry	1	0.041	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	

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Description: SP-6 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-12
Sampled: 03/08/11 16:15
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 80.9

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	0.044	U	mg/kg dry	1	0.044	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
Fluorene [86-73-7] ^	0.036	U	mg/kg dry	1	0.036	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
Hexachlorobenzene [118-74-1] ^	0.032	U	mg/kg dry	1	0.032	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
Hexachlorobutadiene [87-68-3] ^	0.032	U	mg/kg dry	1	0.032	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	0.048	U	mg/kg dry	1	0.048	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
Hexachloroethane [67-72-1] ^	0.026	U	mg/kg dry	1	0.026	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.058	U	mg/kg dry	1	0.058	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
Isophorone [78-59-1] ^	0.037	U	mg/kg dry	1	0.037	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
Naphthalene [91-20-3] ^	0.035	U	mg/kg dry	1	0.035	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
Nitrobenzene [98-95-3] ^	0.032	U	mg/kg dry	1	0.032	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
N-Nitrosodimethylamine [62-75-9] ^	0.026	U	mg/kg dry	1	0.026	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	0.10	U	mg/kg dry	1	0.10	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	0.067	U	mg/kg dry	1	0.067	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
Pentachlorophenol [87-86-5]	0.041	U	mg/kg dry	1	0.041	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	QV-01
Phenanthrene [85-01-8] ^	0.033	U	mg/kg dry	1	0.033	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
Phenol [108-95-2] ^	0.027	U	mg/kg dry	1	0.027	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
Pyrene [129-00-0] ^	0.047	U	mg/kg dry	1	0.047	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	
Pyridine [110-86-1] ^	0.10	U	mg/kg dry	1	0.10	0.41	1C16008	EPA 8270D	03/17/11 17:36	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*3.8*	*1*	*4.12*	*93 %*	*28-130*	*1C16008*	*EPA 8270D*	*03/17/11 17:36*	*DFM*	
2-Fluorobiphenyl	*1.9*	*1*	*2.06*	*90 %*	*56-120*	*1C16008*	*EPA 8270D*	*03/17/11 17:36*	*DFM*	
2-Fluorophenol	*2.8*	*1*	*4.12*	*67 %*	*49-126*	*1C16008*	*EPA 8270D*	*03/17/11 17:36*	*DFM*	
Nitrobenzene-d5	*1.6*	*1*	*2.06*	*76 %*	*50-117*	*1C16008*	*EPA 8270D*	*03/17/11 17:36*	*DFM*	
Phenol-d5	*3.2*	*1*	*4.12*	*77 %*	*56-120*	*1C16008*	*EPA 8270D*	*03/17/11 17:36*	*DFM*	
Terphenyl-d14	*2.0*	*1*	*2.06*	*96 %*	*36-151*	*1C16008*	*EPA 8270D*	*03/17/11 17:36*	*DFM*	

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Description: SP-6 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-12
Sampled: 03/08/11 16:15
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 80.9

Organochlorine Pesticides by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8] ^	0.00040	U	mg/kg dry	1	0.00040	0.0021	1C11001	EPA 8081B	03/17/11 21:17	MSZ	
4,4'-DDE [72-55-9] ^	0.00051	U	mg/kg dry	1	0.00051	0.0021	1C11001	EPA 8081B	03/17/11 21:17	MSZ	
4,4'-DDT [50-29-3] ^	0.00064	U	mg/kg dry	1	0.00064	0.0021	1C11001	EPA 8081B	03/17/11 21:17	MSZ	
Aldrin [309-00-2] ^	0.00044	U	mg/kg dry	1	0.00044	0.0021	1C11001	EPA 8081B	03/17/11 21:17	MSZ	
alpha-BHC [319-84-6] ^	0.00061	U	mg/kg dry	1	0.00061	0.0021	1C11001	EPA 8081B	03/17/11 21:17	MSZ	
beta-BHC [319-85-7] ^	0.00088	U	mg/kg dry	1	0.00088	0.0021	1C11001	EPA 8081B	03/17/11 21:17	MSZ	
Chlordane (tech) [12789-03-6] ^	0.0014	U	mg/kg dry	1	0.0014	0.041	1C11001	EPA 8081B	03/17/11 21:17	MSZ	
Chlordane-alpha [5103-71-9] ^	0.00057	U	mg/kg dry	1	0.00057	0.0021	1C11001	EPA 8081B	03/17/11 21:17	MSZ	
Chlordane-gamma [5566-34-7] ^	0.00074	U	mg/kg dry	1	0.00074	0.0021	1C11001	EPA 8081B	03/17/11 21:17	MSZ	
delta-BHC [319-86-8] ^	0.00037	U	mg/kg dry	1	0.00037	0.0021	1C11001	EPA 8081B	03/17/11 21:17	MSZ	
Dieldrin [60-57-1] ^	0.00040	U	mg/kg dry	1	0.00040	0.0021	1C11001	EPA 8081B	03/17/11 21:17	MSZ	
Endosulfan I [959-98-8] ^	0.00051	U	mg/kg dry	1	0.00051	0.0021	1C11001	EPA 8081B	03/17/11 21:17	MSZ	
Endosulfan II [33213-65-9] ^	0.00048	U	mg/kg dry	1	0.00048	0.0021	1C11001	EPA 8081B	03/17/11 21:17	MSZ	
Endosulfan sulfate [1031-07-8] ^	0.00059	U	mg/kg dry	1	0.00059	0.0021	1C11001	EPA 8081B	03/17/11 21:17	MSZ	
Endrin [72-20-8] ^	0.00048	U	mg/kg dry	1	0.00048	0.0021	1C11001	EPA 8081B	03/17/11 21:17	MSZ	
Endrin aldehyde [7421-93-4] ^	0.00042	U	mg/kg dry	1	0.00042	0.0021	1C11001	EPA 8081B	03/17/11 21:17	MSZ	
Endrin ketone [53494-70-5] ^	0.00037	U	mg/kg dry	1	0.00037	0.0021	1C11001	EPA 8081B	03/17/11 21:17	MSZ	
gamma-BHC [58-89-9] ^	0.00052	U	mg/kg dry	1	0.00052	0.0021	1C11001	EPA 8081B	03/17/11 21:17	MSZ	
Heptachlor [76-44-8] ^	0.00057	U	mg/kg dry	1	0.00057	0.0021	1C11001	EPA 8081B	03/17/11 21:17	MSZ	
Heptachlor epoxide [1024-57-3] ^	0.00053	U	mg/kg dry	1	0.00053	0.0021	1C11001	EPA 8081B	03/17/11 21:17	MSZ	
Isodrin [465-73-6] ^	0.00044	U	mg/kg dry	1	0.00044	0.0021	1C11001	EPA 8081B	03/17/11 21:17	MSZ	
Methoxychlor [72-43-5] ^	0.00052	U	mg/kg dry	1	0.00052	0.0021	1C11001	EPA 8081B	03/17/11 21:17	MSZ	
Mirex [2385-85-5] ^	0.00069	U	mg/kg dry	1	0.00069	0.0021	1C11001	EPA 8081B	03/17/11 21:17	MSZ	
Toxaphene [8001-35-2] ^	0.012	U	mg/kg dry	1	0.012	0.021	1C11001	EPA 8081B	03/17/11 21:17	MSZ	

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Description: SP-6 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-12
Sampled: 03/08/11 16:15
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 80.9

Polychlorinated Biphenyls by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
PCB-1016/1242 [12674-11-2/53469-21-9] ^	0.0094	U	mg/kg dry	1	0.0094	0.021	1C11002	EPA 8082A	03/17/11 21:17	MSZ	
PCB-1221 [11104-28-2] ^	0.0064	U	mg/kg dry	1	0.0064	0.021	1C11002	EPA 8082A	03/17/11 21:17	MSZ	
PCB-1232 [11141-16-5] ^	0.0064	U	mg/kg dry	1	0.0064	0.021	1C11002	EPA 8082A	03/17/11 21:17	MSZ	
PCB-1248 [12672-29-6] ^	0.0064	U	mg/kg dry	1	0.0064	0.021	1C11002	EPA 8082A	03/17/11 21:17	MSZ	
PCB-1254 [11097-69-1] ^	0.0064	U	mg/kg dry	1	0.0064	0.021	1C11002	EPA 8082A	03/17/11 21:17	MSZ	
PCB-1260 [11096-82-5] ^	0.0051	U	mg/kg dry	1	0.0051	0.021	1C11002	EPA 8082A	03/17/11 21:17	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,5,6-TCMX	*0.037*	*1*	*0.0412*	*90 %*	*44-168*	*1C11002*	*EPA 8082A*	*03/17/11 21:17*	*MSZ*	
Decachlorobiphenyl	*0.045*	*1*	*0.0412*	*110 %*	*51-154*	*1C11002*	*EPA 8082A*	*03/17/11 21:17*	*MSZ*	

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Description: SP-6 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-12
Sampled: 03/08/11 16:15
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 80.9

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	**3.18**		mg/kg dry	1	0.124	0.618	1C10015	EPA 6010C	03/11/11 11:48	JDH	
Lead [7439-92-1] ^	**24.2**		mg/kg dry	1	0.148	0.618	1C10015	EPA 6010C	03/11/11 11:48	JDH	

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Description: SP-6 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-12
Sampled: 03/08/11 16:15
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 80.9

Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM) [C-0007] ^	122		mg/kg dry	1	61.8	61.8	1C14013	EPA 9071B	03/16/11 15:00	MJF	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SP-6 ESW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-13
Sampled: 03/08/11 16:15
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 81.5

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00020	U	mg/kg dry	1	0.00020	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00022	U	mg/kg dry	1	0.00022	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00028	U	mg/kg dry	1	0.00028	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00033	U	mg/kg dry	1	0.00033	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00036	U	mg/kg dry	1	0.00036	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00023	U	mg/kg dry	1	0.00023	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00038	U	mg/kg dry	1	0.00038	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00030	U	mg/kg dry	1	0.00030	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00088	U	mg/kg dry	1	0.00088	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00051	U	mg/kg dry	1	0.00051	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00030	U	mg/kg dry	1	0.00030	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00042	U	mg/kg dry	1	0.00042	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00029	U	mg/kg dry	1	0.00029	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00022	U	mg/kg dry	1	0.00022	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00032	U	mg/kg dry	1	0.00032	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00022	U	mg/kg dry	1	0.00022	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
2-Butanone [78-93-3] ^	0.00087	U	mg/kg dry	1	0.00087	0.0056	1C12002	EPA 8260B	03/12/11 19:51	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00055	U	mg/kg dry	1	0.00055	0.0056	1C12002	EPA 8260B	03/12/11 19:51	JKG	
2-Chlorotoluene [95-49-8] ^	0.00020	U	mg/kg dry	1	0.00020	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
2-Hexanone [591-78-6] ^	0.00084	U	mg/kg dry	1	0.00084	0.0056	1C12002	EPA 8260B	03/12/11 19:51	JKG	
4-Chlorotoluene [106-43-4] ^	0.00029	U	mg/kg dry	1	0.00029	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00064	U	mg/kg dry	1	0.00064	0.0056	1C12002	EPA 8260B	03/12/11 19:51	JKG	
Acetone [67-64-1] ^	**0.016**		mg/kg dry	1	0.0013	0.0056	1C12002	EPA 8260B	03/12/11 19:51	JKG	
Benzene [71-43-2] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
Bromobenzene [108-86-1] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
Bromochloromethane [74-97-5] ^	0.00046	U	mg/kg dry	1	0.00046	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
Bromodichloromethane [75-27-4] ^	0.00027	U	mg/kg dry	1	0.00027	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
Bromoform [75-25-2] ^	0.00050	U	mg/kg dry	1	0.00050	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
Bromomethane [74-83-9] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
Carbon disulfide [75-15-0] ^	**0.00065**	J	mg/kg dry	1	0.00043	0.0056	1C12002	EPA 8260B	03/12/11 19:51	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
Chlorobenzene [108-90-7] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
Chloroethane [75-00-3] ^	0.00028	U	mg/kg dry	1	0.00028	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
Chloroform [67-66-3] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
Chloromethane [74-87-3] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00014	U	mg/kg dry	1	0.00014	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
Dibromochloromethane [124-48-1] ^	0.00039	U	mg/kg dry	1	0.00039	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
Dibromomethane [74-95-3] ^	0.00035	U	mg/kg dry	1	0.00035	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00050	U	mg/kg dry	1	0.00050	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
Ethylbenzene [100-41-4] ^	0.00022	U	mg/kg dry	1	0.00022	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00039	U	mg/kg dry	1	0.00039	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
Isopropylbenzene [98-82-8] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00041	U	mg/kg dry	1	0.00041	0.0022	1C12002	EPA 8260B	03/12/11 19:51	JKG	
Methylene Chloride [75-09-2] ^	**0.0015**	J	mg/kg dry	1	0.00062	0.0022	1C12002	EPA 8260B	03/12/11 19:51	JKG	

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Description: SP-6 ESW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-13
Sampled: 03/08/11 16:15
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 81.5

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00033	U	mg/kg dry	1	0.00033	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
Naphthalene [91-20-3] ^	0.00027	U	mg/kg dry	1	0.00027	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
n-Butyl Benzene [104-51-8] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
n-Propyl Benzene [103-65-1] ^	0.00020	U	mg/kg dry	1	0.00020	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
o-Xylene [95-47-6] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
sec-Butylbenzene [135-98-8] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
Styrene [100-42-5] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
tert-Butylbenzene [98-06-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
Tetrachloroethene [127-18-4] ^	0.00031	U	mg/kg dry	1	0.00031	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
Toluene [108-88-3] ^	0.00022	U	mg/kg dry	1	0.00022	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00041	U	mg/kg dry	1	0.00041	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00043	U	mg/kg dry	1	0.00043	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
Trichloroethene [79-01-6] ^	0.00030	U	mg/kg dry	1	0.00030	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00029	U	mg/kg dry	1	0.00029	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
Vinyl chloride [75-01-4] ^	0.00027	U	mg/kg dry	1	0.00027	0.0011	1C12002	EPA 8260B	03/12/11 19:51	JKG	
Xylenes (Total) [1330-20-7] ^	0.00062	U	mg/kg dry	1	0.00062	0.0033	1C12002	EPA 8260B	03/12/11 19:51	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*48*	*1*	*50.0*	*96 %*	*61-118*	*1C12002*	*EPA 8260B*	*03/12/11 19:51*	*JKG*	
Dibromofluoromethane	*42*	*1*	*50.0*	*84 %*	*66-114*	*1C12002*	*EPA 8260B*	*03/12/11 19:51*	*JKG*	
Toluene-d8	*46*	*1*	*50.0*	*92 %*	*63-118*	*1C12002*	*EPA 8260B*	*03/12/11 19:51*	*JKG*	

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Description: SP-6 ESW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-13
Sampled: 03/08/11 16:15
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 81.5

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	0.032	U	mg/kg dry	1	0.032	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
1,2-Dichlorobenzene [95-50-1] ^	0.028	U	mg/kg dry	1	0.028	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
1,3-Dichlorobenzene [541-73-1] ^	0.025	U	mg/kg dry	1	0.025	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
1,4-Dichlorobenzene [106-46-7] ^	0.026	U	mg/kg dry	1	0.026	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
1-Methylnaphthalene [90-12-0] ^	0.033	U	mg/kg dry	1	0.033	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
2,4,5-Trichlorophenol [95-95-4] ^	0.033	U	mg/kg dry	1	0.033	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	0.033	U	mg/kg dry	1	0.033	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
2,4-Dichlorophenol [120-83-2] ^	0.029	U	mg/kg dry	1	0.029	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
2,4-Dimethylphenol [105-67-9] ^	0.053	U	mg/kg dry	1	0.053	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
2,4-Dinitrophenol [51-28-5] ^	0.053	U	mg/kg dry	1	0.053	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
2,4-Dinitrotoluene [121-14-2] ^	0.034	U	mg/kg dry	1	0.034	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
2,6-Dinitrotoluene [606-20-2] ^	0.038	U	mg/kg dry	1	0.038	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
2-Chloronaphthalene [91-58-7] ^	0.034	U	mg/kg dry	1	0.034	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
2-Chlorophenol [95-57-8] ^	0.031	U	mg/kg dry	1	0.031	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	0.040	U	mg/kg dry	1	0.040	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
2-Methylnaphthalene [91-57-6] ^	0.034	U	mg/kg dry	1	0.034	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
2-Methylphenol [95-48-7] ^	0.031	U	mg/kg dry	1	0.031	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
2-Nitroaniline [88-74-4] ^	0.037	U	mg/kg dry	1	0.037	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
2-Nitrophenol [88-75-5] ^	0.038	U	mg/kg dry	1	0.038	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.032	U	mg/kg dry	1	0.032	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	0.12	U	mg/kg dry	1	0.12	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
3-Nitroaniline [99-09-2] ^	0.044	U	mg/kg dry	1	0.044	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	0.033	U	mg/kg dry	1	0.033	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	0.040	U	mg/kg dry	1	0.040	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
4-Chloroaniline [106-47-8] ^	0.11	U	mg/kg dry	1	0.11	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	0.032	U	mg/kg dry	1	0.032	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
4-Nitroaniline [100-01-6] ^	0.065	U	mg/kg dry	1	0.065	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
4-Nitrophenol [100-02-7]	0.038	U	mg/kg dry	1	0.038	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
Acenaphthene [83-32-9] ^	0.034	U	mg/kg dry	1	0.034	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
Acenaphthylene [208-96-8] ^	0.034	U	mg/kg dry	1	0.034	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
Anthracene [120-12-7] ^	0.047	U	mg/kg dry	1	0.047	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
Benzidine [92-87-5] ^	0.13	U	mg/kg dry	1	0.13	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
Benzo(a)anthracene [56-55-3] ^	0.034	U	mg/kg dry	1	0.034	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
Benzo(a)pyrene [50-32-8] ^	0.040	U	mg/kg dry	1	0.040	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
Benzo(b)fluoranthene [205-99-2] ^	0.022	U	mg/kg dry	1	0.022	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	0.058	U	mg/kg dry	1	0.058	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.040	U	mg/kg dry	1	0.040	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
Benzoic acid [65-85-0] ^	0.18	U	mg/kg dry	1	0.18	2.1	1C16008	EPA 8270D	03/17/11 18:03	DFM	
Benzyl alcohol [100-51-6] ^	0.028	U	mg/kg dry	1	0.028	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	0.031	U	mg/kg dry	1	0.031	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	0.053	U	mg/kg dry	1	0.053	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] ^	0.029	U	mg/kg dry	1	0.029	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	0.043	U	mg/kg dry	1	0.043	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
Butylbenzylphthalate [85-68-7] ^	0.049	U	mg/kg dry	1	0.049	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
Chrysene [218-01-9] ^	0.037	U	mg/kg dry	1	0.037	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.063	U	mg/kg dry	1	0.063	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
Dibenzofuran [132-64-9] ^	0.033	U	mg/kg dry	1	0.033	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
Diethylphthalate [84-66-2] ^	0.034	U	mg/kg dry	1	0.034	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
Dimethylphthalate [131-11-3] ^	0.040	U	mg/kg dry	1	0.040	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
Di-n-butylphthalate [84-74-2] ^	0.050	U	mg/kg dry	1	0.050	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
Di-n-octylphthalate [117-84-0] ^	0.040	U	mg/kg dry	1	0.040	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	

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Description: SP-6 ESW
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Project: Point Harbour Site

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Sampled: 03/08/11 16:15
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Received: 03/09/11 12:50
Work Order: C102841
% Solids: 81.5

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	0.044	U	mg/kg dry	1	0.044	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
Fluorene [86-73-7] ^	0.036	U	mg/kg dry	1	0.036	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
Hexachlorobenzene [118-74-1] ^	0.032	U	mg/kg dry	1	0.032	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
Hexachlorobutadiene [87-68-3] ^	0.032	U	mg/kg dry	1	0.032	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	0.048	U	mg/kg dry	1	0.048	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
Hexachloroethane [67-72-1] ^	0.026	U	mg/kg dry	1	0.026	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.058	U	mg/kg dry	1	0.058	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
Isophorone [78-59-1] ^	0.037	U	mg/kg dry	1	0.037	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
Naphthalene [91-20-3] ^	0.034	U	mg/kg dry	1	0.034	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
Nitrobenzene [98-95-3] ^	0.032	U	mg/kg dry	1	0.032	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
N-Nitrosodimethylamine [62-75-9] ^	0.026	U	mg/kg dry	1	0.026	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	0.099	U	mg/kg dry	1	0.099	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	0.066	U	mg/kg dry	1	0.066	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
Pentachlorophenol [87-86-5]	0.040	U	mg/kg dry	1	0.040	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	QV-01
Phenanthrene [85-01-8] ^	0.033	U	mg/kg dry	1	0.033	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
Phenol [108-95-2] ^	0.027	U	mg/kg dry	1	0.027	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
Pyrene [129-00-0] ^	0.047	U	mg/kg dry	1	0.047	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	
Pyridine [110-86-1] ^	0.10	U	mg/kg dry	1	0.10	0.40	1C16008	EPA 8270D	03/17/11 18:03	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*3.9*	*1*	*4.09*	*96 %*	*28-130*	*1C16008*	*EPA 8270D*	*03/17/11 18:03*	*DFM*	
2-Fluorobiphenyl	*1.9*	*1*	*2.04*	*95 %*	*56-120*	*1C16008*	*EPA 8270D*	*03/17/11 18:03*	*DFM*	
2-Fluorophenol	*3.1*	*1*	*4.09*	*75 %*	*49-126*	*1C16008*	*EPA 8270D*	*03/17/11 18:03*	*DFM*	
Nitrobenzene-d5	*1.7*	*1*	*2.04*	*85 %*	*50-117*	*1C16008*	*EPA 8270D*	*03/17/11 18:03*	*DFM*	
Phenol-d5	*3.4*	*1*	*4.09*	*83 %*	*56-120*	*1C16008*	*EPA 8270D*	*03/17/11 18:03*	*DFM*	
Terphenyl-d14	*2.0*	*1*	*2.04*	*96 %*	*36-151*	*1C16008*	*EPA 8270D*	*03/17/11 18:03*	*DFM*	

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Project: Point Harbour Site

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Received: 03/09/11 12:50
Work Order: C102841
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Organochlorine Pesticides by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8] ^	0.00039	U	mg/kg dry	1	0.00039	0.0021	1C11001	EPA 8081B	03/17/11 21:30	MSZ	
4,4'-DDE [72-55-9] ^	0.00050	U	mg/kg dry	1	0.00050	0.0021	1C11001	EPA 8081B	03/17/11 21:30	MSZ	
4,4'-DDT [50-29-3] ^	0.00064	U	mg/kg dry	1	0.00064	0.0021	1C11001	EPA 8081B	03/17/11 21:30	MSZ	
Aldrin [309-00-2] ^	0.00044	U	mg/kg dry	1	0.00044	0.0021	1C11001	EPA 8081B	03/17/11 21:30	MSZ	
alpha-BHC [319-84-6] ^	0.00060	U	mg/kg dry	1	0.00060	0.0021	1C11001	EPA 8081B	03/17/11 21:30	MSZ	
beta-BHC [319-85-7] ^	0.00087	U	mg/kg dry	1	0.00087	0.0021	1C11001	EPA 8081B	03/17/11 21:30	MSZ	
Chlordane (tech) [12789-03-6] ^	0.0014	U	mg/kg dry	1	0.0014	0.040	1C11001	EPA 8081B	03/17/11 21:30	MSZ	
Chlordane-alpha [5103-71-9] ^	0.00056	U	mg/kg dry	1	0.00056	0.0021	1C11001	EPA 8081B	03/17/11 21:30	MSZ	
Chlordane-gamma [5566-34-7] ^	0.00074	U	mg/kg dry	1	0.00074	0.0021	1C11001	EPA 8081B	03/17/11 21:30	MSZ	
delta-BHC [319-86-8] ^	0.00037	U	mg/kg dry	1	0.00037	0.0021	1C11001	EPA 8081B	03/17/11 21:30	MSZ	
Dieldrin [60-57-1] ^	0.00039	U	mg/kg dry	1	0.00039	0.0021	1C11001	EPA 8081B	03/17/11 21:30	MSZ	
Endosulfan I [959-98-8] ^	0.00050	U	mg/kg dry	1	0.00050	0.0021	1C11001	EPA 8081B	03/17/11 21:30	MSZ	
Endosulfan II [33213-65-9] ^	0.00048	U	mg/kg dry	1	0.00048	0.0021	1C11001	EPA 8081B	03/17/11 21:30	MSZ	
Endosulfan sulfate [1031-07-8] ^	0.00059	U	mg/kg dry	1	0.00059	0.0021	1C11001	EPA 8081B	03/17/11 21:30	MSZ	
Endrin [72-20-8] ^	0.00048	U	mg/kg dry	1	0.00048	0.0021	1C11001	EPA 8081B	03/17/11 21:30	MSZ	
Endrin aldehyde [7421-93-4] ^	0.00042	U	mg/kg dry	1	0.00042	0.0021	1C11001	EPA 8081B	03/17/11 21:30	MSZ	
Endrin ketone [53494-70-5] ^	0.00037	U	mg/kg dry	1	0.00037	0.0021	1C11001	EPA 8081B	03/17/11 21:30	MSZ	
gamma-BHC [58-89-9] ^	0.00052	U	mg/kg dry	1	0.00052	0.0021	1C11001	EPA 8081B	03/17/11 21:30	MSZ	
Heptachlor [76-44-8] ^	0.00056	U	mg/kg dry	1	0.00056	0.0021	1C11001	EPA 8081B	03/17/11 21:30	MSZ	
Heptachlor epoxide [1024-57-3] ^	0.00053	U	mg/kg dry	1	0.00053	0.0021	1C11001	EPA 8081B	03/17/11 21:30	MSZ	
Isodrin [465-73-6] ^	0.00044	U	mg/kg dry	1	0.00044	0.0021	1C11001	EPA 8081B	03/17/11 21:30	MSZ	
Methoxychlor [72-43-5] ^	0.00052	U	mg/kg dry	1	0.00052	0.0021	1C11001	EPA 8081B	03/17/11 21:30	MSZ	
Mirex [2385-85-5] ^	0.00069	U	mg/kg dry	1	0.00069	0.0021	1C11001	EPA 8081B	03/17/11 21:30	MSZ	
Toxaphene [8001-35-2] ^	0.012	U	mg/kg dry	1	0.012	0.021	1C11001	EPA 8081B	03/17/11 21:30	MSZ	

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Description: SP-6 ESW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-13
Sampled: 03/08/11 16:15
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 81.5

Polychlorinated Biphenyls by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
PCB-1016/1242 [12674-11-2/53469-21-9] ^	0.0093	U	mg/kg dry	1	0.0093	0.021	1C11002	EPA 8082A	03/17/11 21:30	MSZ	
PCB-1221 [11104-28-2] ^	0.0064	U	mg/kg dry	1	0.0064	0.021	1C11002	EPA 8082A	03/17/11 21:30	MSZ	
PCB-1232 [11141-16-5] ^	0.0064	U	mg/kg dry	1	0.0064	0.021	1C11002	EPA 8082A	03/17/11 21:30	MSZ	
PCB-1248 [12672-29-6] ^	0.0064	U	mg/kg dry	1	0.0064	0.021	1C11002	EPA 8082A	03/17/11 21:30	MSZ	
PCB-1254 [11097-69-1] ^	0.0064	U	mg/kg dry	1	0.0064	0.021	1C11002	EPA 8082A	03/17/11 21:30	MSZ	
PCB-1260 [11096-82-5] ^	0.0050	U	mg/kg dry	1	0.0050	0.021	1C11002	EPA 8082A	03/17/11 21:30	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,5,6-TCMX	*0.045*	*1*	*0.0409*	*110 %*	*44-168*	*1C11002*	*EPA 8082A*	*03/17/11 21:30*	*MSZ*	
Decachlorobiphenyl	*0.041*	*1*	*0.0409*	*100 %*	*51-154*	*1C11002*	*EPA 8082A*	*03/17/11 21:30*	*MSZ*	

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Description:	SP-6 ESW	**Lab Sample ID:**	C102841-13	**Received:**	03/09/11 12:50
Matrix:	Soil	**Sampled:**	03/08/11 16:15	**Work Order:**	C102841
Project:	Point Harbour Site	**Sampled By:**	Michael Sabodish	**% Solids:**	81.5

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	**2.13**		mg/kg dry	1	0.123	0.613	1C10015	EPA 6010C	03/11/11 11:50	JDH	
Lead [7439-92-1] ^	**14.3**		mg/kg dry	1	0.147	0.613	1C10015	EPA 6010C	03/11/11 11:50	JDH	

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Description: SP-6 ESW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-13
Sampled: 03/08/11 16:15
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 81.5

Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM) [C-0007] ^	**91.1**		mg/kg dry	1	61.3	61.3	1C14013	EPA 9071B	03/16/11 15:00	MJF	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SP-6 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-14
Sampled: 03/08/11 16:15
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 81.7

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.037	UD	mg/kg dry	187	0.037	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
1,1,1-Trichloroethane [71-55-6] ^	0.041	UD	mg/kg dry	187	0.041	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.046	UD	mg/kg dry	187	0.046	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
1,1,2-Trichloroethane [79-00-5] ^	0.053	UD	mg/kg dry	187	0.053	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
1,1-Dichloroethane [75-34-3] ^	0.057	UD	mg/kg dry	187	0.057	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
1,1-Dichloroethene [75-35-4] ^	0.069	UD	mg/kg dry	187	0.069	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
1,1-Dichloropropene [563-58-6] ^	0.073	UD	mg/kg dry	187	0.073	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
1,2,3-Trichlorobenzene [87-61-6] ^	0.048	UD	mg/kg dry	187	0.048	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
1,2,3-Trichloropropane [96-18-4] ^	0.078	UD	mg/kg dry	187	0.078	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
1,2,4-Trichlorobenzene [120-82-1] ^	0.062	UD	mg/kg dry	187	0.062	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
1,2,4-Trimethylbenzene [95-63-6] ^	0.039	UD	mg/kg dry	187	0.039	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.18	UD	mg/kg dry	187	0.18	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
1,2-Dibromoethane [106-93-4] ^	0.11	UD	mg/kg dry	187	0.11	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
1,2-Dichlorobenzene [95-50-1] ^	0.062	UD	mg/kg dry	187	0.062	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
1,2-Dichloroethane [107-06-2] ^	0.087	UD	mg/kg dry	187	0.087	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
1,2-Dichloropropane [78-87-5] ^	0.059	UD	mg/kg dry	187	0.059	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
1,3,5-Trimethylbenzene [108-67-8] ^	0.046	UD	mg/kg dry	187	0.046	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
1,3-Dichlorobenzene [541-73-1] ^	0.050	UD	mg/kg dry	187	0.050	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
1,3-Dichloropropane [142-28-9] ^	0.066	UD	mg/kg dry	187	0.066	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
1,4-Dichlorobenzene [106-46-7] ^	0.046	UD	mg/kg dry	187	0.046	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
2,2-Dichloropropane [594-20-7] ^	0.053	UD	mg/kg dry	187	0.053	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
2-Butanone [78-93-3] ^	0.18	UD	mg/kg dry	187	0.18	1.1	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.11	UD	mg/kg dry	187	0.11	1.1	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
2-Chlorotoluene [95-49-8] ^	0.041	UD	mg/kg dry	187	0.041	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
2-Hexanone [591-78-6] ^	0.17	UD	mg/kg dry	187	0.17	1.1	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
4-Chlorotoluene [106-43-4] ^	0.059	UD	mg/kg dry	187	0.059	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
4-Isopropyltoluene [99-87-6] ^	0.037	UD	mg/kg dry	187	0.037	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
4-Methyl-2-pentanone [108-10-1] ^	0.13	UD	mg/kg dry	187	0.13	1.1	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
Acetone [67-64-1] ^	0.27	UD	mg/kg dry	187	0.27	1.1	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
Benzene [71-43-2] ^	0.039	UD	mg/kg dry	187	0.039	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
Bromobenzene [108-86-1] ^	0.050	UD	mg/kg dry	187	0.050	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
Bromochloromethane [74-97-5] ^	0.094	UD	mg/kg dry	187	0.094	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
Bromodichloromethane [75-27-4] ^	0.055	UD	mg/kg dry	187	0.055	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
Bromoform [75-25-2] ^	0.10	UD	mg/kg dry	187	0.10	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
Bromomethane [74-83-9] ^	0.053	UD	mg/kg dry	187	0.053	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
Carbon disulfide [75-15-0] ^	0.089	UD	mg/kg dry	187	0.089	1.1	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
Carbon Tetrachloride [56-23-5] ^	0.050	UD	mg/kg dry	187	0.050	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
Chlorobenzene [108-90-7] ^	0.039	UD	mg/kg dry	187	0.039	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
Chloroethane [75-00-3] ^	0.057	UD	mg/kg dry	187	0.057	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
Chloroform [67-66-3] ^	0.039	UD	mg/kg dry	187	0.039	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
Chloromethane [74-87-3] ^	0.034	UD	mg/kg dry	187	0.034	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
cis-1,2-Dichloroethene [156-59-2] ^	0.053	UD	mg/kg dry	187	0.053	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
cis-1,3-Dichloropropene [10061-01-5] ^	0.030	UD	mg/kg dry	187	0.030	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
Dibromochloromethane [124-48-1] ^	0.080	UD	mg/kg dry	187	0.080	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
Dibromomethane [74-95-3] ^	0.071	UD	mg/kg dry	187	0.071	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
Dichlorodifluoromethane [75-71-8] ^	0.10	UD	mg/kg dry	187	0.10	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
Ethylbenzene [100-41-4] ^	0.046	UD	mg/kg dry	187	0.046	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
Hexachlorobutadiene [87-68-3] ^	0.080	UD	mg/kg dry	187	0.080	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
Isopropylbenzene [98-82-8] ^	**0.30**	D	mg/kg dry	187	0.034	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
m,p-Xylenes [108-38-3/106-42-3] ^	0.085	UD	mg/kg dry	187	0.085	0.46	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
Methylene Chloride [75-09-2] ^	0.13	UD	mg/kg dry	187	0.13	0.46	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05

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Description: SP-6 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-14
Sampled: 03/08/11 16:15
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 81.7

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.069	UD	mg/kg dry	187	0.069	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
Naphthalene [91-20-3] ^	0.055	UD	mg/kg dry	187	0.055	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
n-Butyl Benzene [104-51-8] ^	**1.6**	D	mg/kg dry	187	0.050	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
n-Propyl Benzene [103-65-1] ^	**0.24**	D	mg/kg dry	187	0.041	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
o-Xylene [95-47-6] ^	0.050	UD	mg/kg dry	187	0.050	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
sec-Butylbenzene [135-98-8] ^	**0.92**	D	mg/kg dry	187	0.050	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
Styrene [100-42-5] ^	0.039	UD	mg/kg dry	187	0.039	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
tert-Butylbenzene [98-06-6] ^	0.037	UD	mg/kg dry	187	0.037	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
Tetrachloroethene [127-18-4] ^	0.064	UD	mg/kg dry	187	0.064	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
Toluene [108-88-3] ^	0.046	UD	mg/kg dry	187	0.046	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
trans-1,2-Dichloroethene [156-60-5] ^	0.085	UD	mg/kg dry	187	0.085	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
trans-1,3-Dichloropropene [10061-02-6] ^	0.089	UD	mg/kg dry	187	0.089	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
Trichloroethene [79-01-6] ^	0.062	UD	mg/kg dry	187	0.062	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
Trichlorofluoromethane [75-69-4] ^	0.059	UD	mg/kg dry	187	0.059	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
Vinyl chloride [75-01-4] ^	0.055	UD	mg/kg dry	187	0.055	0.23	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05
Xylenes (Total) [1330-20-7] ^	0.13	UD	mg/kg dry	187	0.13	0.69	1C16039	EPA 8260B	03/17/11 12:54	JKG	R-05

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*58*	*1*	*50.0*	*115 %*	*61-118*	*1C16039*	*EPA 8260B*	*03/17/11 12:54*	*JKG*	*R-05*
Dibromofluoromethane	*40*	*1*	*50.0*	*81 %*	*66-114*	*1C16039*	*EPA 8260B*	*03/17/11 12:54*	*JKG*	*R-05*
Toluene-d8	*46*	*1*	*50.0*	*91 %*	*63-118*	*1C16039*	*EPA 8260B*	*03/17/11 12:54*	*JKG*	*R-05*

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Description: SP-6 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-14
Sampled: 03/08/11 16:15
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 81.7

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
1,2-Dichlorobenzene [95-50-1] ^	0.14	UD	mg/kg dry	5	0.14	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
1,3-Dichlorobenzene [541-73-1] ^	0.12	UD	mg/kg dry	5	0.12	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
1,4-Dichlorobenzene [106-46-7] ^	0.13	UD	mg/kg dry	5	0.13	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
1-Methylnaphthalene [90-12-0] ^	0.17	UD	mg/kg dry	5	0.17	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
2,4,5-Trichlorophenol [95-95-4] ^	0.17	UD	mg/kg dry	5	0.17	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
2,4,6-Trichlorophenol [88-06-2] ^	0.17	UD	mg/kg dry	5	0.17	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
2,4-Dichlorophenol [120-83-2] ^	0.15	UD	mg/kg dry	5	0.15	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
2,4-Dimethylphenol [105-67-9] ^	0.26	UD	mg/kg dry	5	0.26	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
2,4-Dinitrophenol [51-28-5] ^	0.26	UD	mg/kg dry	5	0.26	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
2,4-Dinitrotoluene [121-14-2] ^	0.17	UD	mg/kg dry	5	0.17	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
2,6-Dinitrotoluene [606-20-2] ^	0.19	UD	mg/kg dry	5	0.19	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
2-Chloronaphthalene [91-58-7] ^	0.17	UD	mg/kg dry	5	0.17	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
2-Chlorophenol [95-57-8] ^	0.15	UD	mg/kg dry	5	0.15	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
2-Methyl-4,6-dinitrophenol [534-52-1] ^	0.20	UD	mg/kg dry	5	0.20	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
2-Methylnaphthalene [91-57-6] ^	0.17	UD	mg/kg dry	5	0.17	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
2-Methylphenol [95-48-7] ^	0.15	UD	mg/kg dry	5	0.15	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
2-Nitroaniline [88-74-4] ^	0.18	UD	mg/kg dry	5	0.18	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
2-Nitrophenol [88-75-5] ^	0.19	UD	mg/kg dry	5	0.19	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
3,3'-Dichlorobenzidine [91-94-1] ^	0.60	UD	mg/kg dry	5	0.60	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
3-Nitroaniline [99-09-2] ^	0.22	UD	mg/kg dry	5	0.22	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
4-Bromophenyl-phenylether [101-55-3] ^	0.17	UD	mg/kg dry	5	0.17	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
4-Chloro-3-methylphenol [59-50-7] ^	0.20	UD	mg/kg dry	5	0.20	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
4-Chloroaniline [106-47-8] ^	0.57	UD	mg/kg dry	5	0.57	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
4-Chlorophenyl-phenylether [7005-72-3] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
4-Nitroaniline [100-01-6] ^	0.32	UD	mg/kg dry	5	0.32	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
4-Nitrophenol [100-02-7]	0.19	UD	mg/kg dry	5	0.19	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
Acenaphthene [83-32-9] ^	**1.3**	JD	mg/kg dry	5	0.17	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
Acenaphthylene [208-96-8] ^	0.17	UD	mg/kg dry	5	0.17	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
Anthracene [120-12-7] ^	0.23	UD	mg/kg dry	5	0.23	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
Benzidine [92-87-5] ^	0.67	UD	mg/kg dry	5	0.67	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	QV-01, R-05
Benzo(a)anthracene [56-55-3] ^	0.17	UD	mg/kg dry	5	0.17	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
Benzo(a)pyrene [50-32-8] ^	0.20	UD	mg/kg dry	5	0.20	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
Benzo(b)fluoranthene [205-99-2] ^	**0.27**	JD	mg/kg dry	5	0.11	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
Benzo(g,h,i)perylene [191-24-2] ^	0.29	UD	mg/kg dry	5	0.29	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
Benzo(k)fluoranthene [207-08-9] ^	**0.35**	JD	mg/kg dry	5	0.20	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
Benzoic acid [65-85-0] ^	0.92	UD	mg/kg dry	5	0.92	10	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
Benzyl alcohol [100-51-6] ^	0.14	UD	mg/kg dry	5	0.14	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
Bis(2-chloroethoxy)methane [111-91-1] ^	0.15	UD	mg/kg dry	5	0.15	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
Bis(2-chloroethyl)ether [111-44-4] ^	0.26	UD	mg/kg dry	5	0.26	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
Bis(2-chloroisopropyl)ether [108-60-1] ^	0.15	UD	mg/kg dry	5	0.15	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
Bis(2-ethylhexyl)phthalate [117-81-7] ^	0.21	UD	mg/kg dry	5	0.21	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
Butylbenzylphthalate [85-68-7] ^	0.24	UD	mg/kg dry	5	0.24	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
Chrysene [218-01-9] ^	0.18	UD	mg/kg dry	5	0.18	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
Dibenzo(a,h)anthracene [53-70-3] ^	0.31	UD	mg/kg dry	5	0.31	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
Dibenzofuran [132-64-9] ^	0.17	UD	mg/kg dry	5	0.17	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
Diethylphthalate [84-66-2] ^	0.17	UD	mg/kg dry	5	0.17	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
Dimethylphthalate [131-11-3] ^	**0.21**	JD	mg/kg dry	5	0.20	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
Di-n-butylphthalate [84-74-2] ^	0.25	UD	mg/kg dry	5	0.25	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
Di-n-octylphthalate [117-84-0] ^	0.20	UD	mg/kg dry	5	0.20	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05

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Description: SP-6 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-14
Sampled: 03/08/11 16:15
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 81.7

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	**0.37**	JD	mg/kg dry	5	0.22	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
Fluorene [86-73-7] ^	**2.5**	D	mg/kg dry	5	0.18	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
Hexachlorobenzene [118-74-1] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
Hexachlorobutadiene [87-68-3] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
Hexachlorocyclopentadiene [77-47-4] ^	0.24	UD	mg/kg dry	5	0.24	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
Hexachloroethane [67-72-1] ^	0.13	UD	mg/kg dry	5	0.13	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.29	UD	mg/kg dry	5	0.29	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
Isophorone [78-59-1] ^	0.18	UD	mg/kg dry	5	0.18	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
Naphthalene [91-20-3] ^	0.17	UD	mg/kg dry	5	0.17	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
Nitrobenzene [98-95-3] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
N-Nitrosodimethylamine [62-75-9] ^	0.13	UD	mg/kg dry	5	0.13	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
N-Nitroso-di-n-propylamine [621-64-7] ^	0.50	UD	mg/kg dry	5	0.50	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	0.33	UD	mg/kg dry	5	0.33	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
Pentachlorophenol [87-86-5]	0.20	UD	mg/kg dry	5	0.20	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	QV-01, R-05
Phenanthrene [85-01-8] ^	**6.0**	D	mg/kg dry	5	0.17	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
Phenol [108-95-2] ^	0.13	UD	mg/kg dry	5	0.13	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
Pyrene [129-00-0] ^	**1.1**	JD	mg/kg dry	5	0.23	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05
Pyridine [110-86-1] ^	0.50	UD	mg/kg dry	5	0.50	2.0	1C16008	EPA 8270D	03/18/11 22:07	DFM	R-05

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*3.9*	*5*	*4.08*	*96 %*	*28-130*	*1C16008*	*EPA 8270D*	*03/18/11 22:07*	*DFM*	*R-05*
2-Fluorobiphenyl	*2.1*	*5*	*2.04*	*105 %*	*56-120*	*1C16008*	*EPA 8270D*	*03/18/11 22:07*	*DFM*	*R-05*
2-Fluorophenol	*2.4*	*5*	*4.08*	*59 %*	*49-126*	*1C16008*	*EPA 8270D*	*03/18/11 22:07*	*DFM*	*R-05*
Nitrobenzene-d5	*2.2*	*5*	*2.04*	*106 %*	*50-117*	*1C16008*	*EPA 8270D*	*03/18/11 22:07*	*DFM*	*R-05*
Phenol-d5	*2.9*	*5*	*4.08*	*72 %*	*56-120*	*1C16008*	*EPA 8270D*	*03/18/11 22:07*	*DFM*	*R-05*
Terphenyl-d14	*2.2*	*5*	*2.04*	*108 %*	*36-151*	*1C16008*	*EPA 8270D*	*03/18/11 22:07*	*DFM*	*R-05*

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Description: SP-6 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-14
Sampled: 03/08/11 16:15
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 81.7

Organochlorine Pesticides by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8] ^	0.00039	U	mg/kg dry	1	0.00039	0.0021	1C11001	EPA 8081B	03/17/11 21:44	MSZ	
4,4'-DDE [72-55-9] ^	0.00050	U	mg/kg dry	1	0.00050	0.0021	1C11001	EPA 8081B	03/17/11 21:44	MSZ	
4,4'-DDT [50-29-3] ^	0.00064	U	mg/kg dry	1	0.00064	0.0021	1C11001	EPA 8081B	03/17/11 21:44	MSZ	
Aldrin [309-00-2] ^	0.00044	U	mg/kg dry	1	0.00044	0.0021	1C11001	EPA 8081B	03/17/11 21:44	MSZ	
alpha-BHC [319-84-6] ^	0.00060	U	mg/kg dry	1	0.00060	0.0021	1C11001	EPA 8081B	03/17/11 21:44	MSZ	
beta-BHC [319-85-7] ^	0.00087	U	mg/kg dry	1	0.00087	0.0021	1C11001	EPA 8081B	03/17/11 21:44	MSZ	
Chlordane (tech) [12789-03-6] ^	0.0014	U	mg/kg dry	1	0.0014	0.040	1C11001	EPA 8081B	03/17/11 21:44	MSZ	
Chlordane-alpha [5103-71-9] ^	0.00056	U	mg/kg dry	1	0.00056	0.0021	1C11001	EPA 8081B	03/17/11 21:44	MSZ	
Chlordane-gamma [5566-34-7] ^	0.00073	U	mg/kg dry	1	0.00073	0.0021	1C11001	EPA 8081B	03/17/11 21:44	MSZ	
delta-BHC [319-86-8] ^	0.00037	U	mg/kg dry	1	0.00037	0.0021	1C11001	EPA 8081B	03/17/11 21:44	MSZ	
Dieldrin [60-57-1] ^	0.00039	U	mg/kg dry	1	0.00039	0.0021	1C11001	EPA 8081B	03/17/11 21:44	MSZ	
Endosulfan I [959-98-8] ^	0.00050	U	mg/kg dry	1	0.00050	0.0021	1C11001	EPA 8081B	03/17/11 21:44	MSZ	
Endosulfan II [33213-65-9] ^	0.00048	U	mg/kg dry	1	0.00048	0.0021	1C11001	EPA 8081B	03/17/11 21:44	MSZ	
Endosulfan sulfate [1031-07-8] ^	0.00059	U	mg/kg dry	1	0.00059	0.0021	1C11001	EPA 8081B	03/17/11 21:44	MSZ	
Endrin [72-20-8] ^	0.00048	U	mg/kg dry	1	0.00048	0.0021	1C11001	EPA 8081B	03/17/11 21:44	MSZ	
Endrin aldehyde [7421-93-4] ^	0.00042	U	mg/kg dry	1	0.00042	0.0021	1C11001	EPA 8081B	03/17/11 21:44	MSZ	
Endrin ketone [53494-70-5] ^	0.00037	U	mg/kg dry	1	0.00037	0.0021	1C11001	EPA 8081B	03/17/11 21:44	MSZ	
gamma-BHC [58-89-9] ^	0.00051	U	mg/kg dry	1	0.00051	0.0021	1C11001	EPA 8081B	03/17/11 21:44	MSZ	
Heptachlor [76-44-8] ^	0.00056	U	mg/kg dry	1	0.00056	0.0021	1C11001	EPA 8081B	03/17/11 21:44	MSZ	
Heptachlor epoxide [1024-57-3] ^	0.00053	U	mg/kg dry	1	0.00053	0.0021	1C11001	EPA 8081B	03/17/11 21:44	MSZ	
Isodrin [465-73-6] ^	0.00044	U	mg/kg dry	1	0.00044	0.0021	1C11001	EPA 8081B	03/17/11 21:44	MSZ	
Methoxychlor [72-43-5] ^	0.00051	U	mg/kg dry	1	0.00051	0.0021	1C11001	EPA 8081B	03/17/11 21:44	MSZ	
Mirex [2385-85-5] ^	0.00069	U	mg/kg dry	1	0.00069	0.0021	1C11001	EPA 8081B	03/17/11 21:44	MSZ	
Toxaphene [8001-35-2] ^	0.012	U	mg/kg dry	1	0.012	0.021	1C11001	EPA 8081B	03/17/11 21:44	MSZ	

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Description: SP-6 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-14
Sampled: 03/08/11 16:15
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 81.7

Polychlorinated Biphenyls by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
PCB-1016/1242 [12674-11-2/53469-21-9] ^	0.0093	U	mg/kg dry	1	0.0093	0.021	1C11002	EPA 8082A	03/17/11 21:44	MSZ	
PCB-1221 [11104-28-2] ^	0.0064	U	mg/kg dry	1	0.0064	0.021	1C11002	EPA 8082A	03/17/11 21:44	MSZ	
PCB-1232 [11141-16-5] ^	0.0064	U	mg/kg dry	1	0.0064	0.021	1C11002	EPA 8082A	03/17/11 21:44	MSZ	
PCB-1248 [12672-29-6] ^	0.0064	U	mg/kg dry	1	0.0064	0.021	1C11002	EPA 8082A	03/17/11 21:44	MSZ	
PCB-1254 [11097-69-1] ^	0.0064	U	mg/kg dry	1	0.0064	0.021	1C11002	EPA 8082A	03/17/11 21:44	MSZ	
PCB-1260 [11096-82-5] ^	0.0050	U	mg/kg dry	1	0.0050	0.021	1C11002	EPA 8082A	03/17/11 21:44	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,5,6-TCMX	*0.033*	*1*	*0.0408*	*80 %*	*44-168*	*1C11002*	*EPA 8082A*	*03/17/11 21:44*	*MSZ*	
Decachlorobiphenyl	*0.041*	*1*	*0.0408*	*100 %*	*51-154*	*1C11002*	*EPA 8082A*	*03/17/11 21:44*	*MSZ*	

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Description: SP-6 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-14
Sampled: 03/08/11 16:15
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 81.7

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	**3.83**		mg/kg dry	1	0.122	0.612	1C10015	EPA 6010C	03/11/11 11:53	JDH	
Lead [7439-92-1] ^	**26.5**		mg/kg dry	1	0.147	0.612	1C10015	EPA 6010C	03/11/11 11:53	JDH	

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Description:	SP-6 WSW	**Lab Sample ID:**	C102841-14	**Received:**	03/09/11 12:50
Matrix:	Soil	**Sampled:**	03/08/11 16:15	**Work Order:**	C102841
Project:	Point Harbour Site	**Sampled By:**	Michael Sabodish	**% Solids:**	81.7

Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM) [C-0007] ^	**9400**		mg/kg dry	1	61.2	61.2	1C14013	EPA 9071B	03/17/11 14:06	MJF	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SP-6 BASE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-15
Sampled: 03/08/11 16:15
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 83.0

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.018	UD	mg/kg dry	93.3	0.018	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
1,1,1-Trichloroethane [71-55-6] ^	0.020	UD	mg/kg dry	93.3	0.020	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.022	UD	mg/kg dry	93.3	0.022	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
1,1,2-Trichloroethane [79-00-5] ^	0.026	UD	mg/kg dry	93.3	0.026	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
1,1-Dichloroethane [75-34-3] ^	0.028	UD	mg/kg dry	93.3	0.028	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
1,1-Dichloroethene [75-35-4] ^	0.034	UD	mg/kg dry	93.3	0.034	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
1,1-Dichloropropene [563-58-6] ^	0.036	UD	mg/kg dry	93.3	0.036	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
1,2,3-Trichlorobenzene [87-61-6] ^	0.024	UD	mg/kg dry	93.3	0.024	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
1,2,3-Trichloropropane [96-18-4] ^	0.038	UD	mg/kg dry	93.3	0.038	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
1,2,4-Trichlorobenzene [120-82-1] ^	0.030	UD	mg/kg dry	93.3	0.030	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
1,2,4-Trimethylbenzene [95-63-6] ^	0.019	UD	mg/kg dry	93.3	0.019	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.089	UD	mg/kg dry	93.3	0.089	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
1,2-Dibromoethane [106-93-4] ^	0.052	UD	mg/kg dry	93.3	0.052	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
1,2-Dichlorobenzene [95-50-1] ^	0.030	UD	mg/kg dry	93.3	0.030	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
1,2-Dichloroethane [107-06-2] ^	0.043	UD	mg/kg dry	93.3	0.043	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
1,2-Dichloropropane [78-87-5] ^	0.029	UD	mg/kg dry	93.3	0.029	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
1,3,5-Trimethylbenzene [108-67-8] ^	0.022	UD	mg/kg dry	93.3	0.022	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
1,3-Dichlorobenzene [541-73-1] ^	0.025	UD	mg/kg dry	93.3	0.025	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
1,3-Dichloropropane [142-28-9] ^	0.033	UD	mg/kg dry	93.3	0.033	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
1,4-Dichlorobenzene [106-46-7] ^	0.022	UD	mg/kg dry	93.3	0.022	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
2,2-Dichloropropane [594-20-7] ^	0.026	UD	mg/kg dry	93.3	0.026	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
2-Butanone [78-93-3] ^	0.088	UD	mg/kg dry	93.3	0.088	0.56	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.055	UD	mg/kg dry	93.3	0.055	0.56	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
2-Chlorotoluene [95-49-8] ^	0.020	UD	mg/kg dry	93.3	0.020	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
2-Hexanone [591-78-6] ^	0.084	UD	mg/kg dry	93.3	0.084	0.56	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
4-Chlorotoluene [106-43-4] ^	0.029	UD	mg/kg dry	93.3	0.029	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
4-Isopropyltoluene [99-87-6] ^	0.018	UD	mg/kg dry	93.3	0.018	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
4-Methyl-2-pentanone [108-10-1] ^	0.064	UD	mg/kg dry	93.3	0.064	0.56	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
Acetone [67-64-1] ^	0.13	UD	mg/kg dry	93.3	0.13	0.56	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
Benzene [71-43-2] ^	0.019	UD	mg/kg dry	93.3	0.019	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
Bromobenzene [108-86-1] ^	0.025	UD	mg/kg dry	93.3	0.025	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
Bromochloromethane [74-97-5] ^	0.046	UD	mg/kg dry	93.3	0.046	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
Bromodichloromethane [75-27-4] ^	0.027	UD	mg/kg dry	93.3	0.027	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
Bromoform [75-25-2] ^	0.051	UD	mg/kg dry	93.3	0.051	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
Bromomethane [74-83-9] ^	0.026	UD	mg/kg dry	93.3	0.026	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
Carbon disulfide [75-15-0] ^	0.044	UD	mg/kg dry	93.3	0.044	0.56	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
Carbon Tetrachloride [56-23-5] ^	0.025	UD	mg/kg dry	93.3	0.025	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
Chlorobenzene [108-90-7] ^	0.019	UD	mg/kg dry	93.3	0.019	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
Chloroethane [75-00-3] ^	0.028	UD	mg/kg dry	93.3	0.028	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
Chloroform [67-66-3] ^	0.019	UD	mg/kg dry	93.3	0.019	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
Chloromethane [74-87-3] ^	0.017	UD	mg/kg dry	93.3	0.017	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
cis-1,2-Dichloroethene [156-59-2] ^	0.026	UD	mg/kg dry	93.3	0.026	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
cis-1,3-Dichloropropene [10061-01-5] ^	0.015	UD	mg/kg dry	93.3	0.015	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
Dibromochloromethane [124-48-1] ^	0.039	UD	mg/kg dry	93.3	0.039	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
Dibromomethane [74-95-3] ^	0.035	UD	mg/kg dry	93.3	0.035	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
Dichlorodifluoromethane [75-71-8] ^	0.051	UD	mg/kg dry	93.3	0.051	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
Ethylbenzene [100-41-4] ^	0.022	UD	mg/kg dry	93.3	0.022	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
Hexachlorobutadiene [87-68-3] ^	0.039	UD	mg/kg dry	93.3	0.039	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
Isopropylbenzene [98-82-8] ^	**0.084**	JD	mg/kg dry	93.3	0.017	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
m,p-Xylenes [108-38-3/106-42-3] ^	0.042	UD	mg/kg dry	93.3	0.042	0.22	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
Methylene Chloride [75-09-2] ^	0.063	UD	mg/kg dry	93.3	0.063	0.22	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05

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Description: SP-6 BASE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-15
Sampled: 03/08/11 16:15
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 83.0

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.034	UD	mg/kg dry	93.3	0.034	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
Naphthalene [91-20-3] ^	0.027	UD	mg/kg dry	93.3	0.027	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
n-Butyl Benzene [104-51-8] ^	**0.43**	D	mg/kg dry	93.3	0.025	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
n-Propyl Benzene [103-65-1] ^	0.020	UD	mg/kg dry	93.3	0.020	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
o-Xylene [95-47-6] ^	0.025	UD	mg/kg dry	93.3	0.025	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
sec-Butylbenzene [135-98-8] ^	**0.33**	D	mg/kg dry	93.3	0.025	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
Styrene [100-42-5] ^	0.019	UD	mg/kg dry	93.3	0.019	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
tert-Butylbenzene [98-06-6] ^	0.018	UD	mg/kg dry	93.3	0.018	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
Tetrachloroethene [127-18-4] ^	0.031	UD	mg/kg dry	93.3	0.031	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
Toluene [108-88-3] ^	0.022	UD	mg/kg dry	93.3	0.022	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
trans-1,2-Dichloroethene [156-60-5] ^	0.042	UD	mg/kg dry	93.3	0.042	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
trans-1,3-Dichloropropene [10061-02-6] ^	0.044	UD	mg/kg dry	93.3	0.044	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
Trichloroethene [79-01-6] ^	0.030	UD	mg/kg dry	93.3	0.030	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
Trichlorofluoromethane [75-69-4] ^	0.029	UD	mg/kg dry	93.3	0.029	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
Vinyl chloride [75-01-4] ^	0.027	UD	mg/kg dry	93.3	0.027	0.11	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05
Xylenes (Total) [1330-20-7] ^	0.063	UD	mg/kg dry	93.3	0.063	0.34	1C16039	EPA 8260B	03/17/11 09:37	JKG	R-05

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*54*	*1*	*50.0*	*108 %*	*61-118*	*1C16039*	*EPA 8260B*	*03/17/11 09:37*	*JKG*	*R-05*
Dibromofluoromethane	*39*	*1*	*50.0*	*79 %*	*66-114*	*1C16039*	*EPA 8260B*	*03/17/11 09:37*	*JKG*	*R-05*
Toluene-d8	*44*	*1*	*50.0*	*88 %*	*63-118*	*1C16039*	*EPA 8260B*	*03/17/11 09:37*	*JKG*	*R-05*

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Description: SP-6 BASE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-15
Sampled: 03/08/11 16:15
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 83.0

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
1,2-Dichlorobenzene [95-50-1] ^	0.14	UD	mg/kg dry	5	0.14	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
1,3-Dichlorobenzene [541-73-1] ^	0.12	UD	mg/kg dry	5	0.12	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
1,4-Dichlorobenzene [106-46-7] ^	0.13	UD	mg/kg dry	5	0.13	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
1-Methylnaphthalene [90-12-0] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
2,4,5-Trichlorophenol [95-95-4] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
2,4-Dichlorophenol [120-83-2] ^	0.14	UD	mg/kg dry	5	0.14	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
2,4-Dimethylphenol [105-67-9] ^	0.26	UD	mg/kg dry	5	0.26	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
2,4-Dinitrophenol [51-28-5] ^	0.26	UD	mg/kg dry	5	0.26	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
2,4-Dinitrotoluene [121-14-2] ^	0.17	UD	mg/kg dry	5	0.17	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
2,6-Dinitrotoluene [606-20-2] ^	0.19	UD	mg/kg dry	5	0.19	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
2-Chloronaphthalene [91-58-7] ^	0.17	UD	mg/kg dry	5	0.17	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
2-Chlorophenol [95-57-8] ^	0.15	UD	mg/kg dry	5	0.15	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	0.20	UD	mg/kg dry	5	0.20	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
2-Methylnaphthalene [91-57-6] ^	0.17	UD	mg/kg dry	5	0.17	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
2-Methylphenol [95-48-7] ^	0.15	UD	mg/kg dry	5	0.15	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
2-Nitroaniline [88-74-4] ^	0.18	UD	mg/kg dry	5	0.18	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
2-Nitrophenol [88-75-5] ^	0.19	UD	mg/kg dry	5	0.19	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	0.59	UD	mg/kg dry	5	0.59	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
3-Nitroaniline [99-09-2] ^	0.22	UD	mg/kg dry	5	0.22	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	0.20	UD	mg/kg dry	5	0.20	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
4-Chloroaniline [106-47-8] ^	0.56	UD	mg/kg dry	5	0.56	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
4-Nitroaniline [100-01-6] ^	0.32	UD	mg/kg dry	5	0.32	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
4-Nitrophenol [100-02-7]	0.19	UD	mg/kg dry	5	0.19	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
Acenaphthene [83-32-9] ^	**0.34**	JD	mg/kg dry	5	0.17	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
Acenaphthylene [208-96-8] ^	0.17	UD	mg/kg dry	5	0.17	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
Anthracene [120-12-7] ^	0.23	UD	mg/kg dry	5	0.23	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
Benzidine [92-87-5] ^	0.66	UD	mg/kg dry	5	0.66	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	QV-01
Benzo(a)anthracene [56-55-3] ^	0.17	UD	mg/kg dry	5	0.17	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
Benzo(a)pyrene [50-32-8] ^	0.20	UD	mg/kg dry	5	0.20	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
Benzo(b)fluoranthene [205-99-2] ^	0.11	UD	mg/kg dry	5	0.11	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	0.28	UD	mg/kg dry	5	0.28	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.20	UD	mg/kg dry	5	0.20	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
Benzoic acid [65-85-0] ^	0.90	UD	mg/kg dry	5	0.90	10	1C16008	EPA 8270D	03/18/11 15:11	DFM	
Benzyl alcohol [100-51-6] ^	0.14	UD	mg/kg dry	5	0.14	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	0.15	UD	mg/kg dry	5	0.15	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	0.26	UD	mg/kg dry	5	0.26	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] ^	0.14	UD	mg/kg dry	5	0.14	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	0.21	UD	mg/kg dry	5	0.21	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
Butylbenzylphthalate [85-68-7] ^	0.24	UD	mg/kg dry	5	0.24	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
Chrysene [218-01-9] ^	0.18	UD	mg/kg dry	5	0.18	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.31	UD	mg/kg dry	5	0.31	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
Dibenzofuran [132-64-9] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
Diethylphthalate [84-66-2] ^	0.17	UD	mg/kg dry	5	0.17	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
Dimethylphthalate [131-11-3] ^	0.20	UD	mg/kg dry	5	0.20	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
Di-n-butylphthalate [84-74-2] ^	0.25	UD	mg/kg dry	5	0.25	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
Di-n-octylphthalate [117-84-0] ^	0.20	UD	mg/kg dry	5	0.20	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	

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Description: SP-6 BASE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-15
Sampled: 03/08/11 16:15
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 83.0

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	0.22	UD	mg/kg dry	5	0.22	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
Fluorene [86-73-7] ^	**0.94**	JD	mg/kg dry	5	0.17	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
Hexachlorobenzene [118-74-1] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
Hexachlorobutadiene [87-68-3] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	0.23	UD	mg/kg dry	5	0.23	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
Hexachloroethane [67-72-1] ^	0.13	UD	mg/kg dry	5	0.13	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.28	UD	mg/kg dry	5	0.28	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
Isophorone [78-59-1] ^	0.18	UD	mg/kg dry	5	0.18	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
Naphthalene [91-20-3] ^	0.17	UD	mg/kg dry	5	0.17	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
Nitrobenzene [98-95-3] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
N-Nitrosodimethylamine [62-75-9] ^	0.13	UD	mg/kg dry	5	0.13	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	0.49	UD	mg/kg dry	5	0.49	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	0.33	UD	mg/kg dry	5	0.33	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
Pentachlorophenol [87-86-5]	0.20	UD	mg/kg dry	5	0.20	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	QV-01
Phenanthrene [85-01-8] ^	**0.83**	JD	mg/kg dry	5	0.16	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
Phenol [108-95-2] ^	0.13	UD	mg/kg dry	5	0.13	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
Pyrene [129-00-0] ^	0.23	UD	mg/kg dry	5	0.23	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	
Pyridine [110-86-1] ^	0.49	UD	mg/kg dry	5	0.49	2.0	1C16008	EPA 8270D	03/18/11 15:11	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*3.7*	*5*	*4.02*	*91 %*	*28-130*	*1C16008*	*EPA 8270D*	*03/18/11 15:11*	*DFM*	
2-Fluorobiphenyl	*2.2*	*5*	*2.01*	*112 %*	*56-120*	*1C16008*	*EPA 8270D*	*03/18/11 15:11*	*DFM*	
2-Fluorophenol	*3.2*	*5*	*4.02*	*79 %*	*49-126*	*1C16008*	*EPA 8270D*	*03/18/11 15:11*	*DFM*	
Nitrobenzene-d5	*2.1*	*5*	*2.01*	*102 %*	*50-117*	*1C16008*	*EPA 8270D*	*03/18/11 15:11*	*DFM*	
Phenol-d5	*3.6*	*5*	*4.02*	*89 %*	*56-120*	*1C16008*	*EPA 8270D*	*03/18/11 15:11*	*DFM*	
Terphenyl-d14	*2.4*	*5*	*2.01*	*119 %*	*36-151*	*1C16008*	*EPA 8270D*	*03/18/11 15:11*	*DFM*	

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Description: SP-6 BASE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-15
Sampled: 03/08/11 16:15
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 83.0

Organochlorine Pesticides by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8] ^	0.00039	U	mg/kg dry	1	0.00039	0.0020	1C11001	EPA 8081B	03/17/11 22:10	MSZ	
4,4'-DDE [72-55-9] ^	0.00049	U	mg/kg dry	1	0.00049	0.0020	1C11001	EPA 8081B	03/17/11 22:10	MSZ	
4,4'-DDT [50-29-3] ^	0.00063	U	mg/kg dry	1	0.00063	0.0020	1C11001	EPA 8081B	03/17/11 22:10	MSZ	
Aldrin [309-00-2] ^	0.00043	U	mg/kg dry	1	0.00043	0.0020	1C11001	EPA 8081B	03/17/11 22:10	MSZ	
alpha-BHC [319-84-6] ^	0.00059	U	mg/kg dry	1	0.00059	0.0020	1C11001	EPA 8081B	03/17/11 22:10	MSZ	
beta-BHC [319-85-7] ^	0.00086	U	mg/kg dry	1	0.00086	0.0020	1C11001	EPA 8081B	03/17/11 22:10	MSZ	
Chlordane (tech) [12789-03-6] ^	0.0013	U	mg/kg dry	1	0.0013	0.040	1C11001	EPA 8081B	03/17/11 22:10	MSZ	
Chlordane-alpha [5103-71-9] ^	0.00055	U	mg/kg dry	1	0.00055	0.0020	1C11001	EPA 8081B	03/17/11 22:10	MSZ	
Chlordane-gamma [5566-34-7] ^	0.00072	U	mg/kg dry	1	0.00072	0.0020	1C11001	EPA 8081B	03/17/11 22:10	MSZ	
delta-BHC [319-86-8] ^	0.00036	U	mg/kg dry	1	0.00036	0.0020	1C11001	EPA 8081B	03/17/11 22:10	MSZ	
Dieldrin [60-57-1] ^	0.00039	U	mg/kg dry	1	0.00039	0.0020	1C11001	EPA 8081B	03/17/11 22:10	MSZ	
Endosulfan I [959-98-8] ^	0.00049	U	mg/kg dry	1	0.00049	0.0020	1C11001	EPA 8081B	03/17/11 22:10	MSZ	
Endosulfan II [33213-65-9] ^	0.00047	U	mg/kg dry	1	0.00047	0.0020	1C11001	EPA 8081B	03/17/11 22:10	MSZ	
Endosulfan sulfate [1031-07-8] ^	0.00058	U	mg/kg dry	1	0.00058	0.0020	1C11001	EPA 8081B	03/17/11 22:10	MSZ	
Endrin [72-20-8] ^	0.00047	U	mg/kg dry	1	0.00047	0.0020	1C11001	EPA 8081B	03/17/11 22:10	MSZ	
Endrin aldehyde [7421-93-4] ^	0.00041	U	mg/kg dry	1	0.00041	0.0020	1C11001	EPA 8081B	03/17/11 22:10	MSZ	
Endrin ketone [53494-70-5] ^	0.00036	U	mg/kg dry	1	0.00036	0.0020	1C11001	EPA 8081B	03/17/11 22:10	MSZ	
gamma-BHC [58-89-9] ^	0.00051	U	mg/kg dry	1	0.00051	0.0020	1C11001	EPA 8081B	03/17/11 22:10	MSZ	
Heptachlor [76-44-8] ^	0.00055	U	mg/kg dry	1	0.00055	0.0020	1C11001	EPA 8081B	03/17/11 22:10	MSZ	
Heptachlor epoxide [1024-57-3] ^	0.00052	U	mg/kg dry	1	0.00052	0.0020	1C11001	EPA 8081B	03/17/11 22:10	MSZ	
Isodrin [465-73-6] ^	0.00043	U	mg/kg dry	1	0.00043	0.0020	1C11001	EPA 8081B	03/17/11 22:10	MSZ	
Methoxychlor [72-43-5] ^	0.00051	U	mg/kg dry	1	0.00051	0.0020	1C11001	EPA 8081B	03/17/11 22:10	MSZ	
Mirex [2385-85-5] ^	0.00067	U	mg/kg dry	1	0.00067	0.0020	1C11001	EPA 8081B	03/17/11 22:10	MSZ	
Toxaphene [8001-35-2] ^	0.012	U	mg/kg dry	1	0.012	0.020	1C11001	EPA 8081B	03/17/11 22:10	MSZ	

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Description: SP-6 BASE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-15
Sampled: 03/08/11 16:15
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 83.0

Polychlorinated Biphenyls by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
PCB-1016/1242 [12674-11-2/53469-21-9] ^	0.0092	U	mg/kg dry	1	0.0092	0.020	1C11002	EPA 8082A	03/17/11 22:10	MSZ	
PCB-1221 [11104-28-2] ^	0.0063	U	mg/kg dry	1	0.0063	0.020	1C11002	EPA 8082A	03/17/11 22:10	MSZ	
PCB-1232 [11141-16-5] ^	0.0063	U	mg/kg dry	1	0.0063	0.020	1C11002	EPA 8082A	03/17/11 22:10	MSZ	
PCB-1248 [12672-29-6] ^	0.0063	U	mg/kg dry	1	0.0063	0.020	1C11002	EPA 8082A	03/17/11 22:10	MSZ	
PCB-1254 [11097-69-1] ^	0.0063	U	mg/kg dry	1	0.0063	0.020	1C11002	EPA 8082A	03/17/11 22:10	MSZ	
PCB-1260 [11096-82-5] ^	0.0049	U	mg/kg dry	1	0.0049	0.020	1C11002	EPA 8082A	03/17/11 22:10	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,5,6-TCMX	*0.032*	*1*	*0.0402*	*80 %*	*44-168*	*1C11002*	*EPA 8082A*	*03/17/11 22:10*	*MSZ*	
Decachlorobiphenyl	*0.048*	*1*	*0.0402*	*120 %*	*51-154*	*1C11002*	*EPA 8082A*	*03/17/11 22:10*	*MSZ*	

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Description: SP-6 BASE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-15
Sampled: 03/08/11 16:15
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 83.0

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	**2.54**		mg/kg dry	1	0.121	0.603	1C10015	EPA 6010C	03/11/11 11:55	JDH	
Lead [7439-92-1] ^	**8.85**		mg/kg dry	1	0.145	0.603	1C10015	EPA 6010C	03/11/11 11:55	JDH	

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Description: SP-6 BASE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-15
Sampled: 03/08/11 16:15
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 83.0

Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM) [C-0007] ^	1220		mg/kg dry	1	60.3	60.3	1C14013	EPA 9071B	03/17/11 14:06	MJF	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SP-1 NSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-16
Sampled: 03/09/11 09:00
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 85.1

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.038	UD	mg/kg dry	202	0.038	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
1,1,1-Trichloroethane [71-55-6] ^	0.043	UD	mg/kg dry	202	0.043	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.047	UD	mg/kg dry	202	0.047	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
1,1,2-Trichloroethane [79-00-5] ^	0.055	UD	mg/kg dry	202	0.055	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
1,1-Dichloroethane [75-34-3] ^	0.059	UD	mg/kg dry	202	0.059	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
1,1-Dichloroethene [75-35-4] ^	0.071	UD	mg/kg dry	202	0.071	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
1,1-Dichloropropene [563-58-6] ^	0.076	UD	mg/kg dry	202	0.076	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
1,2,3-Trichlorobenzene [87-61-6] ^	0.050	UD	mg/kg dry	202	0.050	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
1,2,3-Trichloropropane [96-18-4] ^	0.081	UD	mg/kg dry	202	0.081	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
1,2,4-Trichlorobenzene [120-82-1] ^	0.064	UD	mg/kg dry	202	0.064	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
1,2,4-Trimethylbenzene [95-63-6] ^	0.040	UD	mg/kg dry	202	0.040	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.19	UD	mg/kg dry	202	0.19	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
1,2-Dibromoethane [106-93-4] ^	0.11	UD	mg/kg dry	202	0.11	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
1,2-Dichlorobenzene [95-50-1] ^	0.064	UD	mg/kg dry	202	0.064	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
1,2-Dichloroethane [107-06-2] ^	0.090	UD	mg/kg dry	202	0.090	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
1,2-Dichloropropane [78-87-5] ^	0.062	UD	mg/kg dry	202	0.062	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
1,3,5-Trimethylbenzene [108-67-8] ^	0.047	UD	mg/kg dry	202	0.047	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
1,3-Dichlorobenzene [541-73-1] ^	0.052	UD	mg/kg dry	202	0.052	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
1,3-Dichloropropane [142-28-9] ^	0.069	UD	mg/kg dry	202	0.069	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
1,4-Dichlorobenzene [106-46-7] ^	0.047	UD	mg/kg dry	202	0.047	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
2,2-Dichloropropane [594-20-7] ^	0.055	UD	mg/kg dry	202	0.055	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
2-Butanone [78-93-3] ^	0.19	UD	mg/kg dry	202	0.19	1.2	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.12	UD	mg/kg dry	202	0.12	1.2	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
2-Chlorotoluene [95-49-8] ^	0.043	UD	mg/kg dry	202	0.043	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
2-Hexanone [591-78-6] ^	0.18	UD	mg/kg dry	202	0.18	1.2	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
4-Chlorotoluene [106-43-4] ^	0.062	UD	mg/kg dry	202	0.062	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
4-Isopropyltoluene [99-87-6] ^	0.038	UD	mg/kg dry	202	0.038	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
4-Methyl-2-pentanone [108-10-1] ^	0.14	UD	mg/kg dry	202	0.14	1.2	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
Acetone [67-64-1] ^	0.28	UD	mg/kg dry	202	0.28	1.2	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
Benzene [71-43-2] ^	0.040	UD	mg/kg dry	202	0.040	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
Bromobenzene [108-86-1] ^	0.052	UD	mg/kg dry	202	0.052	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
Bromochloromethane [74-97-5] ^	0.097	UD	mg/kg dry	202	0.097	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
Bromodichloromethane [75-27-4] ^	0.057	UD	mg/kg dry	202	0.057	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
Bromoform [75-25-2] ^	0.11	UD	mg/kg dry	202	0.11	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
Bromomethane [74-83-9] ^	0.055	UD	mg/kg dry	202	0.055	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
Carbon disulfide [75-15-0] ^	0.093	UD	mg/kg dry	202	0.093	1.2	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
Carbon Tetrachloride [56-23-5] ^	0.052	UD	mg/kg dry	202	0.052	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
Chlorobenzene [108-90-7] ^	0.040	UD	mg/kg dry	202	0.040	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
Chloroethane [75-00-3] ^	0.059	UD	mg/kg dry	202	0.059	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
Chloroform [67-66-3] ^	0.040	UD	mg/kg dry	202	0.040	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
Chloromethane [74-87-3] ^	0.036	UD	mg/kg dry	202	0.036	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
cis-1,2-Dichloroethene [156-59-2] ^	0.055	UD	mg/kg dry	202	0.055	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
cis-1,3-Dichloropropene [10061-01-5] ^	0.031	UD	mg/kg dry	202	0.031	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
Dibromochloromethane [124-48-1] ^	0.083	UD	mg/kg dry	202	0.083	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
Dibromomethane [74-95-3] ^	0.074	UD	mg/kg dry	202	0.074	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
Dichlorodifluoromethane [75-71-8] ^	0.11	UD	mg/kg dry	202	0.11	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
Ethylbenzene [100-41-4] ^	0.047	UD	mg/kg dry	202	0.047	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
Hexachlorobutadiene [87-68-3] ^	0.083	UD	mg/kg dry	202	0.083	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
Isopropylbenzene [98-82-8] ^	**0.32**	D	mg/kg dry	202	0.036	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
m,p-Xylenes [108-38-3/106-42-3] ^	0.088	UD	mg/kg dry	202	0.088	0.47	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
Methylene Chloride [75-09-2] ^	0.13	UD	mg/kg dry	202	0.13	0.47	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05

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Description: SP-1 NSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-16
Sampled: 03/09/11 09:00
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 85.1

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.071	UD	mg/kg dry	202	0.071	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
Naphthalene [91-20-3] ^	0.057	UD	mg/kg dry	202	0.057	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
n-Butyl Benzene [104-51-8] ^	**0.96**	D	mg/kg dry	202	0.052	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
n-Propyl Benzene [103-65-1] ^	0.043	UD	mg/kg dry	202	0.043	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
o-Xylene [95-47-6] ^	0.052	UD	mg/kg dry	202	0.052	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
sec-Butylbenzene [135-98-8] ^	0.052	UD	mg/kg dry	202	0.052	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
Styrene [100-42-5] ^	0.040	UD	mg/kg dry	202	0.040	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
tert-Butylbenzene [98-06-6] ^	0.038	UD	mg/kg dry	202	0.038	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
Tetrachloroethene [127-18-4] ^	0.066	UD	mg/kg dry	202	0.066	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
Toluene [108-88-3] ^	0.047	UD	mg/kg dry	202	0.047	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
trans-1,2-Dichloroethene [156-60-5] ^	0.088	UD	mg/kg dry	202	0.088	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
trans-1,3-Dichloropropene [10061-02-6] ^	0.093	UD	mg/kg dry	202	0.093	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
Trichloroethene [79-01-6] ^	0.064	UD	mg/kg dry	202	0.064	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
Trichlorofluoromethane [75-69-4] ^	0.062	UD	mg/kg dry	202	0.062	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
Vinyl chloride [75-01-4] ^	0.057	UD	mg/kg dry	202	0.057	0.24	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05
Xylenes (Total) [1330-20-7] ^	0.13	UD	mg/kg dry	202	0.13	0.71	1C16039	EPA 8260B	03/17/11 08:11	JKG	R-05

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*51*	*1*	*50.0*	*103 %*	*61-118*	*1C16039*	*EPA 8260B*	*03/17/11 08:11*	*JKG*	*R-05*
Dibromofluoromethane	*41*	*1*	*50.0*	*81 %*	*66-114*	*1C16039*	*EPA 8260B*	*03/17/11 08:11*	*JKG*	*R-05*
Toluene-d8	*46*	*1*	*50.0*	*92 %*	*63-118*	*1C16039*	*EPA 8260B*	*03/17/11 08:11*	*JKG*	*R-05*

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Description: SP-1 NSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-16
Sampled: 03/09/11 09:00
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 85.1

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	0.61	UD	mg/kg dry	20	0.61	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
1,2-Dichlorobenzene [95-50-1] ^	0.54	UD	mg/kg dry	20	0.54	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
1,3-Dichlorobenzene [541-73-1] ^	0.47	UD	mg/kg dry	20	0.47	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
1,4-Dichlorobenzene [106-46-7] ^	0.49	UD	mg/kg dry	20	0.49	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
1-Methylnaphthalene [90-12-0] ^	0.63	UD	mg/kg dry	20	0.63	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
2,4,5-Trichlorophenol [95-95-4] ^	0.63	UD	mg/kg dry	20	0.63	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
2,4,6-Trichlorophenol [88-06-2] ^	0.63	UD	mg/kg dry	20	0.63	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
2,4-Dichlorophenol [120-83-2] ^	0.56	UD	mg/kg dry	20	0.56	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
2,4-Dimethylphenol [105-67-9] ^	1.0	UD	mg/kg dry	20	1.0	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
2,4-Dinitrophenol [51-28-5] ^	1.0	UD	mg/kg dry	20	1.0	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
2,4-Dinitrotoluene [121-14-2] ^	0.66	UD	mg/kg dry	20	0.66	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
2,6-Dinitrotoluene [606-20-2] ^	0.73	UD	mg/kg dry	20	0.73	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
2-Chloronaphthalene [91-58-7] ^	0.66	UD	mg/kg dry	20	0.66	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
2-Chlorophenol [95-57-8] ^	0.59	UD	mg/kg dry	20	0.59	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
2-Methyl-4,6-dinitrophenol [534-52-1] ^	0.78	UD	mg/kg dry	20	0.78	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
2-Methylnaphthalene [91-57-6] ^	0.66	UD	mg/kg dry	20	0.66	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
2-Methylphenol [95-48-7] ^	0.59	UD	mg/kg dry	20	0.59	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
2-Nitroaniline [88-74-4] ^	0.71	UD	mg/kg dry	20	0.71	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
2-Nitrophenol [88-75-5] ^	0.73	UD	mg/kg dry	20	0.73	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.61	UD	mg/kg dry	20	0.61	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
3,3'-Dichlorobenzidine [91-94-1] ^	2.3	UD	mg/kg dry	20	2.3	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
3-Nitroaniline [99-09-2] ^	0.85	UD	mg/kg dry	20	0.85	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
4-Bromophenyl-phenylether [101-55-3] ^	0.63	UD	mg/kg dry	20	0.63	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
4-Chloro-3-methylphenol [59-50-7] ^	0.78	UD	mg/kg dry	20	0.78	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
4-Chloroaniline [106-47-8] ^	2.2	UD	mg/kg dry	20	2.2	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
4-Chlorophenyl-phenylether [7005-72-3] ^	0.61	UD	mg/kg dry	20	0.61	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
4-Nitroaniline [100-01-6] ^	1.2	UD	mg/kg dry	20	1.2	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
4-Nitrophenol [100-02-7]	0.73	UD	mg/kg dry	20	0.73	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
Acenaphthene [83-32-9] ^	**42**	D	mg/kg dry	20	0.66	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
Acenaphthylene [208-96-8] ^	0.66	UD	mg/kg dry	20	0.66	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
Anthracene [120-12-7] ^	**14**	D	mg/kg dry	20	0.89	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
Benzidine [92-87-5] ^	2.6	UD	mg/kg dry	20	2.6	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
Benzo(a)anthracene [56-55-3] ^	**6.2**	JD	mg/kg dry	20	0.66	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
Benzo(a)pyrene [50-32-8] ^	**1.9**	JD	mg/kg dry	20	0.78	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
Benzo(b)fluoranthene [205-99-2] ^	**2.7**	JD	mg/kg dry	20	0.42	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
Benzo(g,h,i)perylene [191-24-2] ^	1.1	UD	mg/kg dry	20	1.1	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
Benzo(k)fluoranthene [207-08-9] ^	**1.6**	JD	mg/kg dry	20	0.78	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
Benzoic acid [65-85-0] ^	3.5	UD	mg/kg dry	20	3.5	40	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
Benzyl alcohol [100-51-6] ^	0.54	UD	mg/kg dry	20	0.54	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
Bis(2-chloroethoxy)methane [111-91-1] ^	0.59	UD	mg/kg dry	20	0.59	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
Bis(2-chloroethyl)ether [111-44-4] ^	1.0	UD	mg/kg dry	20	1.0	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
Bis(2-chloroisopropyl)ether [108-60-1] ^	0.56	UD	mg/kg dry	20	0.56	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
Bis(2-ethylhexyl)phthalate [117-81-7] ^	0.82	UD	mg/kg dry	20	0.82	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
Butylbenzylphthalate [85-68-7] ^	0.94	UD	mg/kg dry	20	0.94	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
Chrysene [218-01-9] ^	**5.1**	JD	mg/kg dry	20	0.71	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
Dibenzo(a,h)anthracene [53-70-3] ^	1.2	UD	mg/kg dry	20	1.2	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
Dibenzofuran [132-64-9] ^	**33**	D	mg/kg dry	20	0.63	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
Diethylphthalate [84-66-2] ^	0.66	UD	mg/kg dry	20	0.66	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
Dimethylphthalate [131-11-3] ^	0.78	UD	mg/kg dry	20	0.78	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
Di-n-butylphthalate [84-74-2] ^	0.96	UD	mg/kg dry	20	0.96	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
Di-n-octylphthalate [117-84-0] ^	0.78	UD	mg/kg dry	20	0.78	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05

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Description: SP-1 NSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-16
Sampled: 03/09/11 09:00
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 85.1

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	**31**	D	mg/kg dry	20	0.85	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
Fluorene [86-73-7] ^	**47**	D	mg/kg dry	20	0.68	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
Hexachlorobenzene [118-74-1] ^	0.61	UD	mg/kg dry	20	0.61	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
Hexachlorobutadiene [87-68-3] ^	0.61	UD	mg/kg dry	20	0.61	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
Hexachlorocyclopentadiene [77-47-4] ^	0.92	UD	mg/kg dry	20	0.92	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
Hexachloroethane [67-72-1] ^	0.49	UD	mg/kg dry	20	0.49	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
Indeno(1,2,3-cd)pyrene [193-39-5] ^	1.1	UD	mg/kg dry	20	1.1	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
Isophorone [78-59-1] ^	0.71	UD	mg/kg dry	20	0.71	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
Naphthalene [91-20-3] ^	0.66	UD	mg/kg dry	20	0.66	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
Nitrobenzene [98-95-3] ^	0.61	UD	mg/kg dry	20	0.61	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
N-Nitrosodimethylamine [62-75-9] ^	0.49	UD	mg/kg dry	20	0.49	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
N-Nitroso-di-n-propylamine [621-64-7] ^	1.9	UD	mg/kg dry	20	1.9	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	1.3	UD	mg/kg dry	20	1.3	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
Pentachlorophenol [87-86-5]	0.78	UD	mg/kg dry	20	0.78	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	QV-01, R-05
Phenanthrene [85-01-8] ^	**1.6**	JD	mg/kg dry	20	0.63	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
Phenol [108-95-2] ^	0.52	UD	mg/kg dry	20	0.52	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
Pyrene [129-00-0] ^	**21**	D	mg/kg dry	20	0.89	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05
Pyridine [110-86-1] ^	1.9	UD	mg/kg dry	20	1.9	7.8	1C16008	EPA 8270D	03/17/11 19:54	DFM	R-05

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*2.7*	*20*	*3.92*	*69 %*	*28-130*	*1C16008*	*EPA 8270D*	*03/17/11 19:54*	*DFM*	*R-05*
2-Fluorobiphenyl	*2.4*	*20*	*1.96*	*121 %*	*56-120*	*1C16008*	*EPA 8270D*	*03/17/11 19:54*	*DFM*	*R-05*
2-Fluorophenol	*2.8*	*20*	*3.92*	*71 %*	*49-126*	*1C16008*	*EPA 8270D*	*03/17/11 19:54*	*DFM*	*R-05*
Nitrobenzene-d5	*2.0*	*20*	*1.96*	*104 %*	*50-117*	*1C16008*	*EPA 8270D*	*03/17/11 19:54*	*DFM*	*R-05*
Phenol-d5	*3.3*	*20*	*3.92*	*85 %*	*56-120*	*1C16008*	*EPA 8270D*	*03/17/11 19:54*	*DFM*	*R-05*
Terphenyl-d14	*2.4*	*20*	*1.96*	*124 %*	*36-151*	*1C16008*	*EPA 8270D*	*03/17/11 19:54*	*DFM*	*R-05*

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Description: SP-1 NSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-16
Sampled: 03/09/11 09:00
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 85.1

Organochlorine Pesticides by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8] ^	0.00038	U	mg/kg dry	1	0.00038	0.0020	1C11001	EPA 8081B	03/17/11 22:23	MSZ	
4,4'-DDE [72-55-9] ^	0.00048	U	mg/kg dry	1	0.00048	0.0020	1C11001	EPA 8081B	03/17/11 22:23	MSZ	
4,4'-DDT [50-29-3] ^	0.00061	U	mg/kg dry	1	0.00061	0.0020	1C11001	EPA 8081B	03/17/11 22:23	MSZ	
Aldrin [309-00-2] ^	0.00042	U	mg/kg dry	1	0.00042	0.0020	1C11001	EPA 8081B	03/17/11 22:23	MSZ	
alpha-BHC [319-84-6] ^	0.00058	U	mg/kg dry	1	0.00058	0.0020	1C11001	EPA 8081B	03/17/11 22:23	MSZ	
beta-BHC [319-85-7] ^	0.00083	U	mg/kg dry	1	0.00083	0.0020	1C11001	EPA 8081B	03/17/11 22:23	MSZ	
Chlordane (tech) [12789-03-6] ^	0.0013	U	mg/kg dry	1	0.0013	0.039	1C11001	EPA 8081B	03/17/11 22:23	MSZ	
Chlordane-alpha [5103-71-9] ^	0.00054	U	mg/kg dry	1	0.00054	0.0020	1C11001	EPA 8081B	03/17/11 22:23	MSZ	
Chlordane-gamma [5566-34-7] ^	0.00071	U	mg/kg dry	1	0.00071	0.0020	1C11001	EPA 8081B	03/17/11 22:23	MSZ	
delta-BHC [319-86-8] ^	0.00035	U	mg/kg dry	1	0.00035	0.0020	1C11001	EPA 8081B	03/17/11 22:23	MSZ	
Dieldrin [60-57-1] ^	0.00038	U	mg/kg dry	1	0.00038	0.0020	1C11001	EPA 8081B	03/17/11 22:23	MSZ	
Endosulfan I [959-98-8] ^	0.00048	U	mg/kg dry	1	0.00048	0.0020	1C11001	EPA 8081B	03/17/11 22:23	MSZ	
Endosulfan II [33213-65-9] ^	0.00046	U	mg/kg dry	1	0.00046	0.0020	1C11001	EPA 8081B	03/17/11 22:23	MSZ	
Endosulfan sulfate [1031-07-8] ^	0.00056	U	mg/kg dry	1	0.00056	0.0020	1C11001	EPA 8081B	03/17/11 22:23	MSZ	
Endrin [72-20-8] ^	0.00046	U	mg/kg dry	1	0.00046	0.0020	1C11001	EPA 8081B	03/17/11 22:23	MSZ	
Endrin aldehyde [7421-93-4] ^	0.00040	U	mg/kg dry	1	0.00040	0.0020	1C11001	EPA 8081B	03/17/11 22:23	MSZ	
Endrin ketone [53494-70-5] ^	0.00035	U	mg/kg dry	1	0.00035	0.0020	1C11001	EPA 8081B	03/17/11 22:23	MSZ	
gamma-BHC [58-89-9] ^	0.00049	U	mg/kg dry	1	0.00049	0.0020	1C11001	EPA 8081B	03/17/11 22:23	MSZ	
Heptachlor [76-44-8] ^	0.00054	U	mg/kg dry	1	0.00054	0.0020	1C11001	EPA 8081B	03/17/11 22:23	MSZ	
Heptachlor epoxide [1024-57-3] ^	0.00051	U	mg/kg dry	1	0.00051	0.0020	1C11001	EPA 8081B	03/17/11 22:23	MSZ	
Isodrin [465-73-6] ^	0.00042	U	mg/kg dry	1	0.00042	0.0020	1C11001	EPA 8081B	03/17/11 22:23	MSZ	
Methoxychlor [72-43-5] ^	0.00049	U	mg/kg dry	1	0.00049	0.0020	1C11001	EPA 8081B	03/17/11 22:23	MSZ	
Mirex [2385-85-5] ^	0.00066	U	mg/kg dry	1	0.00066	0.0020	1C11001	EPA 8081B	03/17/11 22:23	MSZ	
Toxaphene [8001-35-2] ^	0.012	U	mg/kg dry	1	0.012	0.020	1C11001	EPA 8081B	03/17/11 22:23	MSZ	

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Description: SP-1 NSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-16
Sampled: 03/09/11 09:00
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 85.1

Polychlorinated Biphenyls by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
PCB-1016/1242 [12674-11-2/53469-21-9] ^	0.0089	U	mg/kg dry	1	0.0089	0.020	1C11002	EPA 8082A	03/17/11 22:23	MSZ	
PCB-1221 [11104-28-2] ^	0.0061	U	mg/kg dry	1	0.0061	0.020	1C11002	EPA 8082A	03/17/11 22:23	MSZ	
PCB-1232 [11141-16-5] ^	0.0061	U	mg/kg dry	1	0.0061	0.020	1C11002	EPA 8082A	03/17/11 22:23	MSZ	
PCB-1248 [12672-29-6] ^	0.0061	U	mg/kg dry	1	0.0061	0.020	1C11002	EPA 8082A	03/17/11 22:23	MSZ	
PCB-1254 [11097-69-1] ^	0.0061	U	mg/kg dry	1	0.0061	0.020	1C11002	EPA 8082A	03/17/11 22:23	MSZ	
PCB-1260 [11096-82-5] ^	0.0048	U	mg/kg dry	1	0.0048	0.020	1C11002	EPA 8082A	03/17/11 22:23	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,5,6-TCMX	*0.035*	*1*	*0.0392*	*90 %*	*44-168*	*1C11002*	*EPA 8082A*	*03/17/11 22:23*	*MSZ*	
Decachlorobiphenyl	*0.043*	*1*	*0.0392*	*110 %*	*51-154*	*1C11002*	*EPA 8082A*	*03/17/11 22:23*	*MSZ*	

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Description:	SP-1 NSW	**Lab Sample ID:**	C102841-16	**Received:**	03/09/11 12:50
Matrix:	Soil	**Sampled:**	03/09/11 09:00	**Work Order:**	C102841
Project:	Point Harbour Site	**Sampled By:**	Michael Sabodish	**% Solids:**	85.1

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	**2.68**		mg/kg dry	1	0.118	0.588	1C10015	EPA 6010C	03/11/11 11:57	JDH	
Lead [7439-92-1] ^	**10.3**		mg/kg dry	1	0.141	0.588	1C10015	EPA 6010C	03/11/11 11:57	JDH	

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Description: SP-1 NSW	**Lab Sample ID:** C102841-16	**Received:** 03/09/11 12:50
Matrix: Soil	**Sampled:** 03/09/11 09:00	**Work Order:** C102841
Project: Point Harbour Site	**Sampled By:** Michael Sabodish	**% Solids:** 85.1

Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM) [C-0007] ^	**3840**		mg/kg dry	1	58.8	58.8	1C14013	EPA 9071B	03/17/11 14:06	MJF	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SP-1 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-17
Sampled: 03/09/11 09:00
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 87.8

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00021	U	mg/kg dry	1	0.00021	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00023	U	mg/kg dry	1	0.00023	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00028	U	mg/kg dry	1	0.00028	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00034	U	mg/kg dry	1	0.00034	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00036	U	mg/kg dry	1	0.00036	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00039	U	mg/kg dry	1	0.00039	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00031	U	mg/kg dry	1	0.00031	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	**0.0012**		mg/kg dry	1	0.00019	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00090	U	mg/kg dry	1	0.00090	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00052	U	mg/kg dry	1	0.00052	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00031	U	mg/kg dry	1	0.00031	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00043	U	mg/kg dry	1	0.00043	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00030	U	mg/kg dry	1	0.00030	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00023	U	mg/kg dry	1	0.00023	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00033	U	mg/kg dry	1	0.00033	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00023	U	mg/kg dry	1	0.00023	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
2-Butanone [78-93-3] ^	0.00089	U	mg/kg dry	1	0.00089	0.0057	1C12002	EPA 8260B	03/12/11 20:20	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00056	U	mg/kg dry	1	0.00056	0.0057	1C12002	EPA 8260B	03/12/11 20:20	JKG	
2-Chlorotoluene [95-49-8] ^	0.00021	U	mg/kg dry	1	0.00021	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
2-Hexanone [591-78-6] ^	0.00085	U	mg/kg dry	1	0.00085	0.0057	1C12002	EPA 8260B	03/12/11 20:20	JKG	
4-Chlorotoluene [106-43-4] ^	0.00030	U	mg/kg dry	1	0.00030	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00065	U	mg/kg dry	1	0.00065	0.0057	1C12002	EPA 8260B	03/12/11 20:20	JKG	
Acetone [67-64-1] ^	**0.052**		mg/kg dry	1	0.0014	0.0057	1C12002	EPA 8260B	03/12/11 20:20	JKG	
Benzene [71-43-2] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
Bromobenzene [108-86-1] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
Bromochloromethane [74-97-5] ^	0.00047	U	mg/kg dry	1	0.00047	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
Bromodichloromethane [75-27-4] ^	0.00027	U	mg/kg dry	1	0.00027	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
Bromoform [75-25-2] ^	0.00051	U	mg/kg dry	1	0.00051	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
Bromomethane [74-83-9] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
Carbon disulfide [75-15-0] ^	**0.00069**	J	mg/kg dry	1	0.00044	0.0057	1C12002	EPA 8260B	03/12/11 20:20	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
Chlorobenzene [108-90-7] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
Chloroethane [75-00-3] ^	0.00028	U	mg/kg dry	1	0.00028	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
Chloroform [67-66-3] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
Chloromethane [74-87-3] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00015	U	mg/kg dry	1	0.00015	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
Dibromochloromethane [124-48-1] ^	0.00040	U	mg/kg dry	1	0.00040	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
Dibromomethane [74-95-3] ^	0.00035	U	mg/kg dry	1	0.00035	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00051	U	mg/kg dry	1	0.00051	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
Ethylbenzene [100-41-4] ^	**0.00071**	J	mg/kg dry	1	0.00023	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00040	U	mg/kg dry	1	0.00040	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
Isopropylbenzene [98-82-8] ^	**0.012**		mg/kg dry	1	0.00017	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	**0.0013**	J	mg/kg dry	1	0.00042	0.0023	1C12002	EPA 8260B	03/12/11 20:20	JKG	
Methylene Chloride [75-09-2] ^	**0.0011**	J	mg/kg dry	1	0.00064	0.0023	1C12002	EPA 8260B	03/12/11 20:20	JKG	

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Description: SP-1 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-17
Sampled: 03/09/11 09:00
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 87.8

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00034	U	mg/kg dry	1	0.00034	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
Naphthalene [91-20-3] ^	0.00027	U	mg/kg dry	1	0.00027	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
n-Butyl Benzene [104-51-8] ^	**0.014**		mg/kg dry	1	0.00025	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
n-Propyl Benzene [103-65-1] ^	0.00021	U	mg/kg dry	1	0.00021	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
o-Xylene [95-47-6] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
sec-Butylbenzene [135-98-8] ^	**0.014**		mg/kg dry	1	0.00025	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
Styrene [100-42-5] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
tert-Butylbenzene [98-06-6] ^	**0.0031**		mg/kg dry	1	0.00018	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
Tetrachloroethene [127-18-4] ^	0.00032	U	mg/kg dry	1	0.00032	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
Toluene [108-88-3] ^	**0.0031**		mg/kg dry	1	0.00023	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00042	U	mg/kg dry	1	0.00042	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00044	U	mg/kg dry	1	0.00044	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
Trichloroethene [79-01-6] ^	0.00031	U	mg/kg dry	1	0.00031	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00030	U	mg/kg dry	1	0.00030	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
Vinyl chloride [75-01-4] ^	0.00027	U	mg/kg dry	1	0.00027	0.0011	1C12002	EPA 8260B	03/12/11 20:20	JKG	
Xylenes (Total) [1330-20-7] ^	**0.0013**	J	mg/kg dry	1	0.00064	0.0034	1C12002	EPA 8260B	03/12/11 20:20	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*57*	*1*	*50.0*	*114 %*	*61-118*	*1C12002*	*EPA 8260B*	*03/12/11 20:20*	*JKG*	
Dibromofluoromethane	*41*	*1*	*50.0*	*82 %*	*66-114*	*1C12002*	*EPA 8260B*	*03/12/11 20:20*	*JKG*	
Toluene-d8	*45*	*1*	*50.0*	*91 %*	*63-118*	*1C12002*	*EPA 8260B*	*03/12/11 20:20*	*JKG*	

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Description: SP-1 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-17
Sampled: 03/09/11 09:00
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 87.8

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	0.15	UD	mg/kg dry	5	0.15	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
1,2-Dichlorobenzene [95-50-1] ^	0.13	UD	mg/kg dry	5	0.13	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
1,3-Dichlorobenzene [541-73-1] ^	0.11	UD	mg/kg dry	5	0.11	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
1,4-Dichlorobenzene [106-46-7] ^	0.12	UD	mg/kg dry	5	0.12	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
1-Methylnaphthalene [90-12-0] ^	0.15	UD	mg/kg dry	5	0.15	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
2,4,5-Trichlorophenol [95-95-4] ^	0.15	UD	mg/kg dry	5	0.15	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
2,4,6-Trichlorophenol [88-06-2] ^	0.15	UD	mg/kg dry	5	0.15	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
2,4-Dichlorophenol [120-83-2] ^	0.14	UD	mg/kg dry	5	0.14	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
2,4-Dimethylphenol [105-67-9] ^	0.24	UD	mg/kg dry	5	0.24	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
2,4-Dinitrophenol [51-28-5] ^	0.24	UD	mg/kg dry	5	0.24	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
2,4-Dinitrotoluene [121-14-2] ^	0.16	UD	mg/kg dry	5	0.16	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
2,6-Dinitrotoluene [606-20-2] ^	0.18	UD	mg/kg dry	5	0.18	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
2-Chloronaphthalene [91-58-7] ^	0.16	UD	mg/kg dry	5	0.16	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
2-Chlorophenol [95-57-8] ^	0.14	UD	mg/kg dry	5	0.14	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
2-Methyl-4,6-dinitrophenol [534-52-1] ^	0.19	UD	mg/kg dry	5	0.19	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
2-Methylnaphthalene [91-57-6] ^	0.16	UD	mg/kg dry	5	0.16	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
2-Methylphenol [95-48-7] ^	0.14	UD	mg/kg dry	5	0.14	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
2-Nitroaniline [88-74-4] ^	0.17	UD	mg/kg dry	5	0.17	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
2-Nitrophenol [88-75-5] ^	0.18	UD	mg/kg dry	5	0.18	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.15	UD	mg/kg dry	5	0.15	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
3,3'-Dichlorobenzidine [91-94-1] ^	0.56	UD	mg/kg dry	5	0.56	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
3-Nitroaniline [99-09-2] ^	0.21	UD	mg/kg dry	5	0.21	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
4-Bromophenyl-phenylether [101-55-3] ^	0.15	UD	mg/kg dry	5	0.15	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
4-Chloro-3-methylphenol [59-50-7] ^	0.19	UD	mg/kg dry	5	0.19	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
4-Chloroaniline [106-47-8] ^	0.53	UD	mg/kg dry	5	0.53	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
4-Chlorophenyl-phenylether [7005-72-3] ^	0.15	UD	mg/kg dry	5	0.15	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
4-Nitroaniline [100-01-6] ^	0.30	UD	mg/kg dry	5	0.30	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
4-Nitrophenol [100-02-7]	0.18	UD	mg/kg dry	5	0.18	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
Acenaphthene [83-32-9] ^	**7.7**	D	mg/kg dry	5	0.16	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
Acenaphthylene [208-96-8] ^	0.16	UD	mg/kg dry	5	0.16	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
Anthracene [120-12-7] ^	**1.6**	JD	mg/kg dry	5	0.22	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
Benzidine [92-87-5] ^	0.63	UD	mg/kg dry	5	0.63	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	QV-01, R-05
Benzo(a)anthracene [56-55-3] ^	**1.1**	JD	mg/kg dry	5	0.16	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
Benzo(a)pyrene [50-32-8] ^	**0.36**	JD	mg/kg dry	5	0.19	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
Benzo(b)fluoranthene [205-99-2] ^	**0.53**	JD	mg/kg dry	5	0.10	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
Benzo(g,h,i)perylene [191-24-2] ^	0.27	UD	mg/kg dry	5	0.27	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
Benzo(k)fluoranthene [207-08-9] ^	**0.30**	JD	mg/kg dry	5	0.19	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
Benzoic acid [65-85-0] ^	0.85	UD	mg/kg dry	5	0.85	9.7	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
Benzyl alcohol [100-51-6] ^	0.13	UD	mg/kg dry	5	0.13	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
Bis(2-chloroethoxy)methane [111-91-1] ^	0.14	UD	mg/kg dry	5	0.14	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
Bis(2-chloroethyl)ether [111-44-4] ^	0.24	UD	mg/kg dry	5	0.24	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
Bis(2-chloroisopropyl)ether [108-60-1] ^	0.14	UD	mg/kg dry	5	0.14	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
Bis(2-ethylhexyl)phthalate [117-81-7] ^	0.20	UD	mg/kg dry	5	0.20	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
Butylbenzylphthalate [85-68-7] ^	0.23	UD	mg/kg dry	5	0.23	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
Chrysene [218-01-9] ^	**0.75**	JD	mg/kg dry	5	0.17	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
Dibenzo(a,h)anthracene [53-70-3] ^	0.29	UD	mg/kg dry	5	0.29	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
Dibenzofuran [132-64-9] ^	**4.8**	D	mg/kg dry	5	0.15	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
Diethylphthalate [84-66-2] ^	0.16	UD	mg/kg dry	5	0.16	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
Dimethylphthalate [131-11-3] ^	0.19	UD	mg/kg dry	5	0.19	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
Di-n-butylphthalate [84-74-2] ^	0.23	UD	mg/kg dry	5	0.23	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
Di-n-octylphthalate [117-84-0] ^	0.19	UD	mg/kg dry	5	0.19	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05

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Description: SP-1 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-17
Sampled: 03/09/11 09:00
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 87.8

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	**5.2**	D	mg/kg dry	5	0.21	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
Fluorene [86-73-7] ^	**8.4**	D	mg/kg dry	5	0.17	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
Hexachlorobenzene [118-74-1] ^	0.15	UD	mg/kg dry	5	0.15	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
Hexachlorobutadiene [87-68-3] ^	0.15	UD	mg/kg dry	5	0.15	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
Hexachlorocyclopentadiene [77-47-4] ^	0.22	UD	mg/kg dry	5	0.22	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
Hexachloroethane [67-72-1] ^	0.12	UD	mg/kg dry	5	0.12	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.27	UD	mg/kg dry	5	0.27	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
Isophorone [78-59-1] ^	0.17	UD	mg/kg dry	5	0.17	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
Naphthalene [91-20-3] ^	0.16	UD	mg/kg dry	5	0.16	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
Nitrobenzene [98-95-3] ^	0.15	UD	mg/kg dry	5	0.15	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
N-Nitrosodimethylamine [62-75-9] ^	0.12	UD	mg/kg dry	5	0.12	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
N-Nitroso-di-n-propylamine [621-64-7] ^	0.46	UD	mg/kg dry	5	0.46	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	0.31	UD	mg/kg dry	5	0.31	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
Pentachlorophenol [87-86-5]	0.19	UD	mg/kg dry	5	0.19	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	QV-01, R-05
Phenanthrene [85-01-8] ^	**8.7**	D	mg/kg dry	5	0.15	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
Phenol [108-95-2] ^	0.13	UD	mg/kg dry	5	0.13	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
Pyrene [129-00-0] ^	**3.5**	D	mg/kg dry	5	0.22	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05
Pyridine [110-86-1] ^	0.47	UD	mg/kg dry	5	0.47	1.9	1C16008	EPA 8270D	03/18/11 21:40	DFM	R-05

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*3.8*	*5*	*3.80*	*101 %*	*28-130*	*1C16008*	*EPA 8270D*	*03/18/11 21:40*	*DFM*	*R-05*
2-Fluorobiphenyl	*2.1*	*5*	*1.90*	*113 %*	*56-120*	*1C16008*	*EPA 8270D*	*03/18/11 21:40*	*DFM*	*R-05*
2-Fluorophenol	*2.8*	*5*	*3.80*	*73 %*	*49-126*	*1C16008*	*EPA 8270D*	*03/18/11 21:40*	*DFM*	*R-05*
Nitrobenzene-d5	*1.7*	*5*	*1.90*	*91 %*	*50-117*	*1C16008*	*EPA 8270D*	*03/18/11 21:40*	*DFM*	*R-05*
Phenol-d5	*3.3*	*5*	*3.80*	*87 %*	*56-120*	*1C16008*	*EPA 8270D*	*03/18/11 21:40*	*DFM*	*R-05*
Terphenyl-d14	*2.2*	*5*	*1.90*	*115 %*	*36-151*	*1C16008*	*EPA 8270D*	*03/18/11 21:40*	*DFM*	*R-05*

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Description: SP-1 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-17
Sampled: 03/09/11 09:00
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 87.8

Organochlorine Pesticides by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8] ^	0.00036	U	mg/kg dry	1	0.00036	0.0019	1C11001	EPA 8081B	03/17/11 22:37	MSZ	
4,4'-DDE [72-55-9] ^	0.00047	U	mg/kg dry	1	0.00047	0.0019	1C11001	EPA 8081B	03/17/11 22:37	MSZ	
4,4'-DDT [50-29-3] ^	0.00059	U	mg/kg dry	1	0.00059	0.0019	1C11001	EPA 8081B	03/17/11 22:37	MSZ	
Aldrin [309-00-2] ^	0.00041	U	mg/kg dry	1	0.00041	0.0019	1C11001	EPA 8081B	03/17/11 22:37	MSZ	
alpha-BHC [319-84-6] ^	0.00056	U	mg/kg dry	1	0.00056	0.0019	1C11001	EPA 8081B	03/17/11 22:37	MSZ	
beta-BHC [319-85-7] ^	0.00081	U	mg/kg dry	1	0.00081	0.0019	1C11001	EPA 8081B	03/17/11 22:37	MSZ	
Chlordane (tech) [12789-03-6] ^	0.0013	U	mg/kg dry	1	0.0013	0.038	1C11001	EPA 8081B	03/17/11 22:37	MSZ	
Chlordane-alpha [5103-71-9] ^	0.00052	U	mg/kg dry	1	0.00052	0.0019	1C11001	EPA 8081B	03/17/11 22:37	MSZ	
Chlordane-gamma [5566-34-7] ^	0.00068	U	mg/kg dry	1	0.00068	0.0019	1C11001	EPA 8081B	03/17/11 22:37	MSZ	
delta-BHC [319-86-8] ^	0.00034	U	mg/kg dry	1	0.00034	0.0019	1C11001	EPA 8081B	03/17/11 22:37	MSZ	
Dieldrin [60-57-1] ^	0.00036	U	mg/kg dry	1	0.00036	0.0019	1C11001	EPA 8081B	03/17/11 22:37	MSZ	
Endosulfan I [959-98-8] ^	0.00047	U	mg/kg dry	1	0.00047	0.0019	1C11001	EPA 8081B	03/17/11 22:37	MSZ	
Endosulfan II [33213-65-9] ^	0.00044	U	mg/kg dry	1	0.00044	0.0019	1C11001	EPA 8081B	03/17/11 22:37	MSZ	
Endosulfan sulfate [1031-07-8] ^	0.00055	U	mg/kg dry	1	0.00055	0.0019	1C11001	EPA 8081B	03/17/11 22:37	MSZ	
Endrin [72-20-8] ^	0.00044	U	mg/kg dry	1	0.00044	0.0019	1C11001	EPA 8081B	03/17/11 22:37	MSZ	
Endrin aldehyde [7421-93-4] ^	0.00039	U	mg/kg dry	1	0.00039	0.0019	1C11001	EPA 8081B	03/17/11 22:37	MSZ	
Endrin ketone [53494-70-5] ^	0.00034	U	mg/kg dry	1	0.00034	0.0019	1C11001	EPA 8081B	03/17/11 22:37	MSZ	
gamma-BHC [58-89-9] ^	0.00048	U	mg/kg dry	1	0.00048	0.0019	1C11001	EPA 8081B	03/17/11 22:37	MSZ	
Heptachlor [76-44-8] ^	0.00052	U	mg/kg dry	1	0.00052	0.0019	1C11001	EPA 8081B	03/17/11 22:37	MSZ	
Heptachlor epoxide [1024-57-3] ^	0.00049	U	mg/kg dry	1	0.00049	0.0019	1C11001	EPA 8081B	03/17/11 22:37	MSZ	
Isodrin [465-73-6] ^	0.00041	U	mg/kg dry	1	0.00041	0.0019	1C11001	EPA 8081B	03/17/11 22:37	MSZ	
Methoxychlor [72-43-5] ^	0.00048	U	mg/kg dry	1	0.00048	0.0019	1C11001	EPA 8081B	03/17/11 22:37	MSZ	
Mirex [2385-85-5] ^	0.00064	U	mg/kg dry	1	0.00064	0.0019	1C11001	EPA 8081B	03/17/11 22:37	MSZ	
Toxaphene [8001-35-2] ^	0.012	U	mg/kg dry	1	0.012	0.019	1C11001	EPA 8081B	03/17/11 22:37	MSZ	

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Description: SP-1 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-17
Sampled: 03/09/11 09:00
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 87.8

Polychlorinated Biphenyls by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
PCB-1016/1242 [12674-11-2/53469-21-9] ^	0.0087	U	mg/kg dry	1	0.0087	0.019	1C11002	EPA 8082A	03/17/11 22:37	MSZ	
PCB-1221 [11104-28-2] ^	0.0059	U	mg/kg dry	1	0.0059	0.019	1C11002	EPA 8082A	03/17/11 22:37	MSZ	
PCB-1232 [11141-16-5] ^	0.0059	U	mg/kg dry	1	0.0059	0.019	1C11002	EPA 8082A	03/17/11 22:37	MSZ	
PCB-1248 [12672-29-6] ^	0.0059	U	mg/kg dry	1	0.0059	0.019	1C11002	EPA 8082A	03/17/11 22:37	MSZ	
PCB-1254 [11097-69-1] ^	0.0059	U	mg/kg dry	1	0.0059	0.019	1C11002	EPA 8082A	03/17/11 22:37	MSZ	
PCB-1260 [11096-82-5] ^	0.0047	U	mg/kg dry	1	0.0047	0.019	1C11002	EPA 8082A	03/17/11 22:37	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,5,6-TCMX	*0.030*	*1*	*0.0380*	*80 %*	*44-168*	*1C11002*	*EPA 8082A*	*03/17/11 22:37*	*MSZ*	
Decachlorobiphenyl	*0.042*	*1*	*0.0380*	*110 %*	*51-154*	*1C11002*	*EPA 8082A*	*03/17/11 22:37*	*MSZ*	

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Description: SP-1 SSW	**Lab Sample ID:** C102841-17	**Received:** 03/09/11 12:50
Matrix: Soil	**Sampled:** 03/09/11 09:00	**Work Order:** C102841
Project: Point Harbour Site	**Sampled By:** Michael Sabodish	**% Solids:** 87.8

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	**15.1**		mg/kg dry	1	0.114	0.570	1C10015	EPA 6010C	03/11/11 11:59	JDH	
Lead [7439-92-1] ^	**316**		mg/kg dry	1	0.137	0.570	1C10015	EPA 6010C	03/11/11 11:59	JDH	

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Description: SP-1 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-17
Sampled: 03/09/11 09:00
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 87.8

Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM) [C-0007] ^	2240		mg/kg dry	1	57.0	57.0	1C14013	EPA 9071B	03/17/11 14:06	MJF	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SP-1 ESW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-18
Sampled: 03/09/11 09:00
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 80.5

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.018	UD	mg/kg dry	90.6	0.018	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
1,1,1-Trichloroethane [71-55-6] ^	0.020	UD	mg/kg dry	90.6	0.020	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.023	UD	mg/kg dry	90.6	0.023	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
1,1,2-Trichloroethane [79-00-5] ^	0.026	UD	mg/kg dry	90.6	0.026	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
1,1-Dichloroethane [75-34-3] ^	0.028	UD	mg/kg dry	90.6	0.028	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
1,1-Dichloroethene [75-35-4] ^	0.034	UD	mg/kg dry	90.6	0.034	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
1,1-Dichloropropene [563-58-6] ^	0.036	UD	mg/kg dry	90.6	0.036	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
1,2,3-Trichlorobenzene [87-61-6] ^	0.024	UD	mg/kg dry	90.6	0.024	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
1,2,3-Trichloropropane [96-18-4] ^	0.038	UD	mg/kg dry	90.6	0.038	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
1,2,4-Trichlorobenzene [120-82-1] ^	0.030	UD	mg/kg dry	90.6	0.030	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
1,2,4-Trimethylbenzene [95-63-6] ^	0.019	UD	mg/kg dry	90.6	0.019	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.089	UD	mg/kg dry	90.6	0.089	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
1,2-Dibromoethane [106-93-4] ^	0.052	UD	mg/kg dry	90.6	0.052	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
1,2-Dichlorobenzene [95-50-1] ^	0.030	UD	mg/kg dry	90.6	0.030	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
1,2-Dichloroethane [107-06-2] ^	0.043	UD	mg/kg dry	90.6	0.043	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
1,2-Dichloropropane [78-87-5] ^	0.029	UD	mg/kg dry	90.6	0.029	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
1,3,5-Trimethylbenzene [108-67-8] ^	0.023	UD	mg/kg dry	90.6	0.023	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
1,3-Dichlorobenzene [541-73-1] ^	0.025	UD	mg/kg dry	90.6	0.025	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
1,3-Dichloropropane [142-28-9] ^	0.033	UD	mg/kg dry	90.6	0.033	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
1,4-Dichlorobenzene [106-46-7] ^	0.023	UD	mg/kg dry	90.6	0.023	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
2,2-Dichloropropane [594-20-7] ^	0.026	UD	mg/kg dry	90.6	0.026	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
2-Butanone [78-93-3] ^	0.088	UD	mg/kg dry	90.6	0.088	0.56	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.055	UD	mg/kg dry	90.6	0.055	0.56	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
2-Chlorotoluene [95-49-8] ^	0.020	UD	mg/kg dry	90.6	0.020	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
2-Hexanone [591-78-6] ^	0.084	UD	mg/kg dry	90.6	0.084	0.56	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
4-Chlorotoluene [106-43-4] ^	0.029	UD	mg/kg dry	90.6	0.029	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
4-Isopropyltoluene [99-87-6] ^	0.018	UD	mg/kg dry	90.6	0.018	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
4-Methyl-2-pentanone [108-10-1] ^	0.064	UD	mg/kg dry	90.6	0.064	0.56	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
Acetone [67-64-1] ^	0.14	UD	mg/kg dry	90.6	0.14	0.56	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
Benzene [71-43-2] ^	0.019	UD	mg/kg dry	90.6	0.019	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
Bromobenzene [108-86-1] ^	0.025	UD	mg/kg dry	90.6	0.025	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
Bromochloromethane [74-97-5] ^	0.046	UD	mg/kg dry	90.6	0.046	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
Bromodichloromethane [75-27-4] ^	0.027	UD	mg/kg dry	90.6	0.027	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
Bromoform [75-25-2] ^	0.051	UD	mg/kg dry	90.6	0.051	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
Bromomethane [74-83-9] ^	0.026	UD	mg/kg dry	90.6	0.026	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
Carbon disulfide [75-15-0] ^	0.044	UD	mg/kg dry	90.6	0.044	0.56	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
Carbon Tetrachloride [56-23-5] ^	0.025	UD	mg/kg dry	90.6	0.025	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
Chlorobenzene [108-90-7] ^	0.019	UD	mg/kg dry	90.6	0.019	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
Chloroethane [75-00-3] ^	0.028	UD	mg/kg dry	90.6	0.028	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
Chloroform [67-66-3] ^	0.019	UD	mg/kg dry	90.6	0.019	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
Chloromethane [74-87-3] ^	0.017	UD	mg/kg dry	90.6	0.017	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
cis-1,2-Dichloroethene [156-59-2] ^	0.026	UD	mg/kg dry	90.6	0.026	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
cis-1,3-Dichloropropene [10061-01-5] ^	0.015	UD	mg/kg dry	90.6	0.015	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
Dibromochloromethane [124-48-1] ^	0.039	UD	mg/kg dry	90.6	0.039	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
Dibromomethane [74-95-3] ^	0.035	UD	mg/kg dry	90.6	0.035	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
Dichlorodifluoromethane [75-71-8] ^	0.051	UD	mg/kg dry	90.6	0.051	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
Ethylbenzene [100-41-4] ^	0.023	UD	mg/kg dry	90.6	0.023	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
Hexachlorobutadiene [87-68-3] ^	0.039	UD	mg/kg dry	90.6	0.039	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
Isopropylbenzene [98-82-8] ^	0.017	UD	mg/kg dry	90.6	0.017	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
m,p-Xylenes [108-38-3/106-42-3] ^	0.045	JD	mg/kg dry	90.6	0.042	0.23	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
Methylene Chloride [75-09-2] ^	0.063	UD	mg/kg dry	90.6	0.063	0.23	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05

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Description: SP-1 ESW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-18
Sampled: 03/09/11 09:00
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 80.5

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.034	UD	mg/kg dry	90.6	0.034	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
Naphthalene [91-20-3] ^	0.027	UD	mg/kg dry	90.6	0.027	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
n-Butyl Benzene [104-51-8] ^	0.025	UD	mg/kg dry	90.6	0.025	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
n-Propyl Benzene [103-65-1] ^	0.020	UD	mg/kg dry	90.6	0.020	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
o-Xylene [95-47-6] ^	0.025	UD	mg/kg dry	90.6	0.025	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
sec-Butylbenzene [135-98-8] ^	0.025	UD	mg/kg dry	90.6	0.025	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
Styrene [100-42-5] ^	0.019	UD	mg/kg dry	90.6	0.019	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
tert-Butylbenzene [98-06-6] ^	0.018	UD	mg/kg dry	90.6	0.018	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
Tetrachloroethene [127-18-4] ^	0.032	UD	mg/kg dry	90.6	0.032	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
Toluene [108-88-3] ^	0.023	UD	mg/kg dry	90.6	0.023	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
trans-1,2-Dichloroethene [156-60-5] ^	0.042	UD	mg/kg dry	90.6	0.042	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
trans-1,3-Dichloropropene [10061-02-6] ^	0.044	UD	mg/kg dry	90.6	0.044	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
Trichloroethene [79-01-6] ^	0.030	UD	mg/kg dry	90.6	0.030	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
Trichlorofluoromethane [75-69-4] ^	0.029	UD	mg/kg dry	90.6	0.029	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
Vinyl chloride [75-01-4] ^	0.027	UD	mg/kg dry	90.6	0.027	0.11	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05
Xylenes (Total) [1330-20-7] ^	0.063	UD	mg/kg dry	90.6	0.063	0.34	1C16039	EPA 8260B	03/17/11 07:14	JKG	R-05

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*51*	*1*	*50.0*	*102 %*	*61-118*	*1C16039*	*EPA 8260B*	*03/17/11 07:14*	*JKG*	*R-05*
Dibromofluoromethane	*42*	*1*	*50.0*	*84 %*	*66-114*	*1C16039*	*EPA 8260B*	*03/17/11 07:14*	*JKG*	*R-05*
Toluene-d8	*45*	*1*	*50.0*	*90 %*	*63-118*	*1C16039*	*EPA 8260B*	*03/17/11 07:14*	*JKG*	*R-05*

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Description: SP-1 ESW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-18
Sampled: 03/09/11 09:00
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 80.5

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	0.16	UD	mg/kg dry	5	0.16	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
1,2-Dichlorobenzene [95-50-1] ^	0.14	UD	mg/kg dry	5	0.14	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
1,3-Dichlorobenzene [541-73-1] ^	0.12	UD	mg/kg dry	5	0.12	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
1,4-Dichlorobenzene [106-46-7] ^	0.13	UD	mg/kg dry	5	0.13	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
1-Methylnaphthalene [90-12-0] ^	0.17	UD	mg/kg dry	5	0.17	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
2,4,5-Trichlorophenol [95-95-4] ^	0.17	UD	mg/kg dry	5	0.17	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
2,4,6-Trichlorophenol [88-06-2] ^	0.17	UD	mg/kg dry	5	0.17	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
2,4-Dichlorophenol [120-83-2] ^	0.15	UD	mg/kg dry	5	0.15	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
2,4-Dimethylphenol [105-67-9] ^	0.27	UD	mg/kg dry	5	0.27	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
2,4-Dinitrophenol [51-28-5] ^	0.27	UD	mg/kg dry	5	0.27	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
2,4-Dinitrotoluene [121-14-2] ^	0.17	UD	mg/kg dry	5	0.17	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
2,6-Dinitrotoluene [606-20-2] ^	0.19	UD	mg/kg dry	5	0.19	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
2-Chloronaphthalene [91-58-7] ^	0.17	UD	mg/kg dry	5	0.17	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
2-Chlorophenol [95-57-8] ^	0.16	UD	mg/kg dry	5	0.16	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
2-Methyl-4,6-dinitrophenol [534-52-1] ^	0.21	UD	mg/kg dry	5	0.21	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
2-Methylnaphthalene [91-57-6] ^	0.17	UD	mg/kg dry	5	0.17	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
2-Methylphenol [95-48-7] ^	0.16	UD	mg/kg dry	5	0.16	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
2-Nitroaniline [88-74-4] ^	0.19	UD	mg/kg dry	5	0.19	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
2-Nitrophenol [88-75-5] ^	0.19	UD	mg/kg dry	5	0.19	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.16	UD	mg/kg dry	5	0.16	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
3,3'-Dichlorobenzidine [91-94-1] ^	0.61	UD	mg/kg dry	5	0.61	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
3-Nitroaniline [99-09-2] ^	0.22	UD	mg/kg dry	5	0.22	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
4-Bromophenyl-phenylether [101-55-3] ^	0.17	UD	mg/kg dry	5	0.17	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
4-Chloro-3-methylphenol [59-50-7] ^	0.21	UD	mg/kg dry	5	0.21	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
4-Chloroaniline [106-47-8] ^	0.58	UD	mg/kg dry	5	0.58	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
4-Chlorophenyl-phenylether [7005-72-3] ^	0.16	UD	mg/kg dry	5	0.16	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
4-Nitroaniline [100-01-6] ^	0.33	UD	mg/kg dry	5	0.33	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
4-Nitrophenol [100-02-7]	0.19	UD	mg/kg dry	5	0.19	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
Acenaphthene [83-32-9] ^	**1.8**	JD	mg/kg dry	5	0.17	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
Acenaphthylene [208-96-8] ^	0.17	UD	mg/kg dry	5	0.17	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
Anthracene [120-12-7] ^	0.24	UD	mg/kg dry	5	0.24	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
Benzidine [92-87-5] ^	0.68	UD	mg/kg dry	5	0.68	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	QV-01, R-05
Benzo(a)anthracene [56-55-3] ^	0.17	UD	mg/kg dry	5	0.17	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
Benzo(a)pyrene [50-32-8] ^	0.21	UD	mg/kg dry	5	0.21	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
Benzo(b)fluoranthene [205-99-2] ^	0.11	UD	mg/kg dry	5	0.11	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
Benzo(g,h,i)perylene [191-24-2] ^	0.29	UD	mg/kg dry	5	0.29	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
Benzo(k)fluoranthene [207-08-9] ^	0.21	UD	mg/kg dry	5	0.21	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
Benzoic acid [65-85-0] ^	0.93	UD	mg/kg dry	5	0.93	11	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
Benzyl alcohol [100-51-6] ^	0.14	UD	mg/kg dry	5	0.14	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
Bis(2-chloroethoxy)methane [111-91-1] ^	0.16	UD	mg/kg dry	5	0.16	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
Bis(2-chloroethyl)ether [111-44-4] ^	0.27	UD	mg/kg dry	5	0.27	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
Bis(2-chloroisopropyl)ether [108-60-1] ^	0.15	UD	mg/kg dry	5	0.15	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
Bis(2-ethylhexyl)phthalate [117-81-7] ^	0.22	UD	mg/kg dry	5	0.22	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
Butylbenzylphthalate [85-68-7] ^	0.25	UD	mg/kg dry	5	0.25	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
Chrysene [218-01-9] ^	0.19	UD	mg/kg dry	5	0.19	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
Dibenzo(a,h)anthracene [53-70-3] ^	0.32	UD	mg/kg dry	5	0.32	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
Dibenzofuran [132-64-9] ^	**0.71**	JD	mg/kg dry	5	0.17	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
Diethylphthalate [84-66-2] ^	0.17	UD	mg/kg dry	5	0.17	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
Dimethylphthalate [131-11-3] ^	0.21	UD	mg/kg dry	5	0.21	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
Di-n-butylphthalate [84-74-2] ^	0.25	UD	mg/kg dry	5	0.25	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
Di-n-octylphthalate [117-84-0] ^	0.21	UD	mg/kg dry	5	0.21	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05

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Description: SP-1 ESW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-18
Sampled: 03/09/11 09:00
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 80.5

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	**0.34**	JD	mg/kg dry	5	0.22	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
Fluorene [86-73-7] ^	**0.61**	JD	mg/kg dry	5	0.18	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
Hexachlorobenzene [118-74-1] ^	0.16	UD	mg/kg dry	5	0.16	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
Hexachlorobutadiene [87-68-3] ^	0.16	UD	mg/kg dry	5	0.16	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
Hexachlorocyclopentadiene [77-47-4] ^	0.24	UD	mg/kg dry	5	0.24	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
Hexachloroethane [67-72-1] ^	0.13	UD	mg/kg dry	5	0.13	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.29	UD	mg/kg dry	5	0.29	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
Isophorone [78-59-1] ^	0.19	UD	mg/kg dry	5	0.19	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
Naphthalene [91-20-3] ^	0.17	UD	mg/kg dry	5	0.17	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
Nitrobenzene [98-95-3] ^	0.16	UD	mg/kg dry	5	0.16	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
N-Nitrosodimethylamine [62-75-9] ^	0.13	UD	mg/kg dry	5	0.13	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
N-Nitroso-di-n-propylamine [621-64-7] ^	0.50	UD	mg/kg dry	5	0.50	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	0.34	UD	mg/kg dry	5	0.34	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
Pentachlorophenol [87-86-5]	0.21	UD	mg/kg dry	5	0.21	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	QV-01, R-05
Phenanthrene [85-01-8] ^	0.17	UD	mg/kg dry	5	0.17	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
Phenol [108-95-2] ^	0.14	UD	mg/kg dry	5	0.14	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
Pyrene [129-00-0] ^	**0.29**	JD	mg/kg dry	5	0.24	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05
Pyridine [110-86-1] ^	0.51	UD	mg/kg dry	5	0.51	2.1	1C16008	EPA 8270D	03/18/11 20:46	DFM	R-05

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*3.9*	*5*	*4.14*	*93 %*	*28-130*	*1C16008*	*EPA 8270D*	*03/18/11 20:46*	*DFM*	*R-05*
2-Fluorobiphenyl	*2.2*	*5*	*2.07*	*104 %*	*56-120*	*1C16008*	*EPA 8270D*	*03/18/11 20:46*	*DFM*	*R-05*
2-Fluorophenol	*2.7*	*5*	*4.14*	*66 %*	*49-126*	*1C16008*	*EPA 8270D*	*03/18/11 20:46*	*DFM*	*R-05*
Nitrobenzene-d5	*1.8*	*5*	*2.07*	*86 %*	*50-117*	*1C16008*	*EPA 8270D*	*03/18/11 20:46*	*DFM*	*R-05*
Phenol-d5	*3.3*	*5*	*4.14*	*80 %*	*56-120*	*1C16008*	*EPA 8270D*	*03/18/11 20:46*	*DFM*	*R-05*
Terphenyl-d14	*2.3*	*5*	*2.07*	*110 %*	*36-151*	*1C16008*	*EPA 8270D*	*03/18/11 20:46*	*DFM*	*R-05*

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Description: SP-1 ESW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-18
Sampled: 03/09/11 09:00
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 80.5

Organochlorine Pesticides by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8] ^	**0.011**		mg/kg dry	1	0.00040	0.0021	1C11001	EPA 8081B	03/17/11 22:50	MSZ	
4,4'-DDE [72-55-9] ^	**0.018**		mg/kg dry	1	0.00051	0.0021	1C11001	EPA 8081B	03/17/11 22:50	MSZ	
4,4'-DDT [50-29-3] ^	0.00065	U	mg/kg dry	1	0.00065	0.0021	1C11001	EPA 8081B	03/17/11 22:50	MSZ	
Aldrin [309-00-2] ^	0.00045	U	mg/kg dry	1	0.0004S	0.0021	1C11001	EPA 8081B	03/17/11 22:50	MSZ	
alpha-BHC [319-84-6] ^	0.00061	U	mg/kg dry	1	0.00061	0.0021	1C11001	EPA 8081B	03/17/11 22:50	MSZ	
beta-BHC [319-85-7] ^	0.00088	U	mg/kg dry	1	0.00088	0.0021	1C11001	EPA 8081B	03/17/11 22:50	MSZ	
Chlordane (tech) [12789-03-6] ^	0.0014	U	mg/kg dry	1	0.0014	0.041	1C11001	EPA 8081B	03/17/11 22:50	M5Z	
Chlordane-alpha [5103-71-9] ^	0.00057	U	mg/kg dry	1	0.00057	0.0021	1C11001	EPA 8081B	03/17/11 22:50	MSZ	
Chlordane-gamma [5566-34-7] ^	0.00075	U	mg/kg dry	1	0.00075	0.0021	1C11001	EPA 8081B	03/17/11 22:50	M5Z	
delta-BHC [319-86-8] ^	0.00037	U	mg/kg dry	1	0.00037	0.0021	1C11001	EPA 8081B	03/17/11 22:50	MSZ	
Dieldrin [60-57-1] ^	0.00040	U	mg/kg dry	1	0.00040	0.0021	1C11001	EPA 8081B	03/17/11 22:50	MSZ	
Endosulfan I [959-98-8] ^	0.00051	U	mg/kg dry	1	0.00051	0.0021	1C11001	EPA 8081B	03/17/11 22:50	MSZ	
Endosulfan II [33213-65-9] ^	0.00048	U	mg/kg dry	1	0.00048	0.0021	1C11001	EPA 8081B	03/17/11 22:50	MSZ	
Endosulfan sulfate [1031-07-8] ^	0.00060	U	mg/kg dry	1	0.00060	0.0021	1C11001	EPA 8081B	03/17/11 22:50	MSZ	
Endrin [72-20-8] ^	0.00048	U	mg/kg dry	1	0.00048	0.0021	1C11001	EPA 8081B	03/17/11 22:50	MSZ	
Endrin aldehyde [7421-93-4] ^	0.00042	U	mg/kg dry	1	0.00042	0.0021	1C11001	EPA 8081B	03/17/11 22:50	MSZ	
Endrin ketone [53494-70-5] ^	0.00037	U	mg/kg dry	1	0.00037	0.0021	1C11001	EPA 8081B	03/17/11 22:50	MSZ	
gamma-BHC [58-89-9] ^	0.00052	U	mg/kg dry	1	0.00052	0.0021	1C11001	EPA 8081B	03/17/11 22:50	MSZ	
Heptachlor [76-44-8] ^	0.00057	U	mg/kg dry	1	0.00057	0.0021	1C11001	EPA 8081B	03/17/11 22:50	M5Z	
Heptachlor epoxide [1024-57-3] ^	0.00053	U	mg/kg dry	1	0.00053	0.0021	1C11001	EPA 8081B	03/17/11 22:50	MSZ	
Isodrin [465-73-6] ^	0.00045	U	mg/kg dry	1	0.00045	0.0021	1C11001	EPA 8081B	03/17/11 22:50	MSZ	
Methoxychlor [72-43-5] ^	0.00052	U	mg/kg dry	1	0.00052	0.0021	1C11001	EPA 8081B	03/17/11 22:50	MSZ	
Mirex [2385-85-5] ^	0.00070	U	mg/kg dry	1	0.00070	0.0021	1C11001	EPA 8081B	03/17/11 22:50	MSZ	
Toxaphene [8001-35-2] ^	0.013	U	mg/kg dry	1	0.013	0.021	1C11001	EPA 8081B	03/17/11 22:50	MSZ	

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Description: SP-1 ESW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-18
Sampled: 03/09/11 09:00
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 80.5

Polychlorinated Biphenyls by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
PCB-1016/1242 [12674-11-2/53469-21-9] ^	0.0094	U	mg/kg dry	1	0.0094	0.021	1C11002	EPA 8082A	03/17/11 22:50	MSZ	
PCB-1221 [11104-28-2] ^	0.0065	U	mg/kg dry	1	0.0065	0.021	1C11002	EPA 8082A	03/17/11 22:50	MSZ	
PCB-1232 [11141-16-5] ^	0.0065	U	mg/kg dry	1	0.0065	0.021	1C11002	EPA 8082A	03/17/11 22:50	MSZ	
PCB-1248 [12672-29-6] ^	0.0065	U	mg/kg dry	1	0.0065	0.021	1C11002	EPA 8082A	03/17/11 22:50	MSZ	
PCB-1254 [11097-69-1] ^	0.0065	U	mg/kg dry	1	0.0065	0.021	1C11002	EPA 8082A	03/17/11 22:50	MSZ	
PCB-1260 [11096-82-5] ^	0.0051	U	mg/kg dry	1	0.0051	0.021	1C11002	EPA 8082A	03/17/11 22:50	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,5,6-TCMX	*0.033*	*1*	*0.0414*	*80 %*	*44-168*	*1C11002*	*EPA 8082A*	*03/17/11 22:50*	*MSZ*	
Decachlorobiphenyl	*0.041*	*1*	*0.0414*	*100 %*	*51-154*	*1C11002*	*EPA 8082A*	*03/17/11 22:50*	*MSZ*	

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Description:	SP-1 ESW	**Lab Sample ID:**	C102841-18	**Received:**	03/09/11 12:50
Matrix:	Soil	**Sampled:**	03/09/11 09:00	**Work Order:**	C102841
Project:	Point Harbour Site	**Sampled By:**	Michael Sabodish	**% Solids:**	80.5

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	**2.81**		mg/kg dry	1	0.124	0.621	1C10015	EPA 6010C	03/11/11 12:01	JDH	
Lead [7439-92-1] ^	**19.7**		mg/kg dry	1	0.149	0.621	1C10015	EPA 6010C	03/11/11 12:01	JDH	

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Description: SP-1 ESW	**Lab Sample ID:** C102841-18	**Received:** 03/09/11 12:50
Matrix: Soil	**Sampled:** 03/09/11 09:00	**Work Order:** C102841
Project: Point Harbour Site	**Sampled By:** Michael Sabodish	**% Solids:** 80.5

Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM) [C-0007] ^	**1990**		mg/kg dry	1	62.1	62.1	1C14013	EPA 9071B	03/17/11 14:06	MJF	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SP-1 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-19
Sampled: 03/09/11 09:00
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 84.3

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00019	U	mg/kg dry	1	0.00019	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00021	U	mg/kg dry	1	0.00021	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00024	U	mg/kg dry	1	0.00024	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00027	U	mg/kg dry	1	0.00027	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00030	U	mg/kg dry	1	0.00030	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00036	U	mg/kg dry	1	0.00036	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00038	U	mg/kg dry	1	0.00038	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00025	U	mg/kg dry	1	0.00025	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00040	U	mg/kg dry	1	0.00040	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00032	U	mg/kg dry	1	0.00032	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	**0.00094**	**J**	mg/kg dry	1	0.00020	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00094	U	mg/kg dry	1	0.00094	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00055	U	mg/kg dry	1	0.00055	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00032	U	mg/kg dry	1	0.00032	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00045	U	mg/kg dry	1	0.00045	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00031	U	mg/kg dry	1	0.00031	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00024	U	mg/kg dry	1	0.00024	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00026	U	mg/kg dry	1	0.00026	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00034	U	mg/kg dry	1	0.00034	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00024	U	mg/kg dry	1	0.00024	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00027	U	mg/kg dry	1	0.00027	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
2-Butanone [78-93-3] ^	**0.032**		mg/kg dry	1	0.00093	0.0059	1C12002	EPA 8260B	03/12/11 20:49	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00058	U	mg/kg dry	1	0.00058	0.0059	1C12002	EPA 8260B	03/12/11 20:49	JKG	
2-Chlorotoluene [95-49-8] ^	0.00021	U	mg/kg dry	1	0.00021	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
2-Hexanone [591-78-6] ^	0.00089	U	mg/kg dry	1	0.00089	0.0059	1C12002	EPA 8260B	03/12/11 20:49	JKG	
4-Chlorotoluene [106-43-4] ^	0.00031	U	mg/kg dry	1	0.00031	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
4-Isopropyltoluene [99-87-6] ^	**0.0010**	**J**	mg/kg dry	1	0.00019	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00068	U	mg/kg dry	1	0.00068	0.0059	1C12002	EPA 8260B	03/12/11 20:49	JKG	
Acetone [67-64-1] ^	**0.081**		mg/kg dry	1	0.0014	0.0059	1C12002	EPA 8260B	03/12/11 20:49	JKG	
Benzene [71-43-2] ^	0.00020	U	mg/kg dry	1	0.00020	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
Bromobenzene [108-86-1] ^	0.00026	U	mg/kg dry	1	0.00026	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
Bromochloromethane [74-97-5] ^	0.00049	U	mg/kg dry	1	0.00049	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
Bromodichloromethane [75-27-4] ^	0.00028	U	mg/kg dry	1	0.00028	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
Bromoform [75-25-2] ^	0.00053	U	mg/kg dry	1	0.00053	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
Bromomethane [74-83-9] ^	0.00027	U	mg/kg dry	1	0.00027	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
Carbon disulfide [75-15-0] ^	**0.00095**	**J**	mg/kg dry	1	0.00046	0.0059	1C12002	EPA 8260B	03/12/11 20:49	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00026	U	mg/kg dry	1	0.00026	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
Chlorobenzene [108-90-7] ^	0.00020	U	mg/kg dry	1	0.00020	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
Chloroethane [75-00-3] ^	0.00030	U	mg/kg dry	1	0.00030	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
Chloroform [67-66-3] ^	0.00020	U	mg/kg dry	1	0.00020	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
Chloromethane [74-87-3] ^	0.00018	U	mg/kg dry	1	0.00018	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00027	U	mg/kg dry	1	0.00027	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00015	U	mg/kg dry	1	0.00015	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
Dibromochloromethane [124-48-1] ^	0.00042	U	mg/kg dry	1	0.00042	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
Dibromomethane [74-95-3] ^	0.00037	U	mg/kg dry	1	0.00037	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00053	U	mg/kg dry	1	0.00053	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
Ethylbenzene [100-41-4] ^	**0.0010**	**J**	mg/kg dry	1	0.00024	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00042	U	mg/kg dry	1	0.00042	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
Isopropylbenzene [98-82-8] ^	**0.020**		mg/kg dry	1	0.00018	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	**0.00075**	**J**	mg/kg dry	1	0.00044	0.0024	1C12002	EPA 8260B	03/12/11 20:49	JKG	
Methylene Chloride [75-09-2] ^	**0.00091**	**J**	mg/kg dry	1	0.00066	0.0024	1C12002	EPA 8260B	03/12/11 20:49	JKG	

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Description: SP-1 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-19
Sampled: 03/09/11 09:00
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 84.3

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00036	U	mg/kg dry	1	0.00036	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
Naphthalene [91-20-3] ^	0.00028	U	mg/kg dry	1	0.00028	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
n-Butyl Benzene [104-51-8] ^	**0.029**		mg/kg dry	1	0.00026	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
n-Propyl Benzene [103-65-1] ^	**0.025**		mg/kg dry	1	0.00021	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
o-Xylene [95-47-6] ^	0.00026	U	mg/kg dry	1	0.00026	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
sec-Butylbenzene [135-98-8] ^	**0.017**		mg/kg dry	1	0.00026	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
Styrene [100-42-5] ^	0.00020	U	mg/kg dry	1	0.00020	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
tert-Butylbenzene [98-06-6] ^	**0.0041**		mg/kg dry	1	0.00019	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
Tetrachloroethene [127-18-4] ^	0.00033	U	mg/kg dry	1	0.00033	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
Toluene [108-88-3] ^	0.00024	U	mg/kg dry	1	0.00024	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00044	U	mg/kg dry	1	0.00044	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00046	U	mg/kg dry	1	0.00046	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
Trichloroethene [79-01-6] ^	0.00032	U	mg/kg dry	1	0.00032	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00031	U	mg/kg dry	1	0.00031	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
Vinyl chloride [75-01-4] ^	0.00028	U	mg/kg dry	1	0.00028	0.0012	1C12002	EPA 8260B	03/12/11 20:49	JKG	
Xylenes (Total) [1330-20-7] ^	**0.00075**	J	mg/kg dry	1	0.00066	0.0036	1C12002	EPA 8260B	03/12/11 20:49	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*75*	*1*	*50.0*	*151 %*	*61-118*	*1C12002*	*EPA 8260B*	*03/12/11 20:49*	*JKG*	*QS-03*
Dibromofluoromethane	*41*	*1*	*50.0*	*81 %*	*66-114*	*1C12002*	*EPA 8260B*	*03/12/11 20:49*	*JKG*	
Toluene-d8	*46*	*1*	*50.0*	*91 %*	*63-118*	*1C12002*	*EPA 8260B*	*03/12/11 20:49*	*JKG*	

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Description: SP-1 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-19
Sampled: 03/09/11 09:00
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 84.3

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	0.62	UD	mg/kg dry	20	0.62	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
1,2-Dichlorobenzene [95-50-1] ^	0.55	UD	mg/kg dry	20	0.55	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
1,3-Dichlorobenzene [541-73-1] ^	0.47	UD	mg/kg dry	20	0.47	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
1,4-Dichlorobenzene [106-46-7] ^	0.50	UD	mg/kg dry	20	0.50	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
1-Methylnaphthalene [90-12-0] ^	0.64	UD	mg/kg dry	20	0.64	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
2,4,5-Trichlorophenol [95-95-4] ^	0.64	UD	mg/kg dry	20	0.64	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	0.64	UD	mg/kg dry	20	0.64	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
2,4-Dichlorophenol [120-83-2] ^	0.57	UD	mg/kg dry	20	0.57	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
2,4-Dimethylphenol [105-67-9] ^	1.0	UD	mg/kg dry	20	1.0	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
2,4-Dinitrophenol [51-28-5] ^	1.0	UD	mg/kg dry	20	1.0	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
2,4-Dinitrotoluene [121-14-2] ^	0.66	UD	mg/kg dry	20	0.66	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
2,6-Dinitrotoluene [606-20-2] ^	0.74	UD	mg/kg dry	20	0.74	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
2-Chloronaphthalene [91-58-7] ^	0.66	UD	mg/kg dry	20	0.66	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
2-Chlorophenol [95-57-8] ^	0.59	UD	mg/kg dry	20	0.59	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	0.78	UD	mg/kg dry	20	0.78	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
2-Methylnaphthalene [91-57-6] ^	0.66	UD	mg/kg dry	20	0.66	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
2-Methylphenol [95-48-7] ^	0.59	UD	mg/kg dry	20	0.59	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
2-Nitroaniline [88-74-4] ^	0.71	UD	mg/kg dry	20	0.71	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
2-Nitrophenol [88-75-5] ^	0.74	UD	mg/kg dry	20	0.74	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.62	UD	mg/kg dry	20	0.62	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	2.3	UD	mg/kg dry	20	2.3	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
3-Nitroaniline [99-09-2] ^	0.85	UD	mg/kg dry	20	0.85	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	0.64	UD	mg/kg dry	20	0.64	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	0.78	UD	mg/kg dry	20	0.78	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
4-Chloroaniline [106-47-8] ^	2.2	UD	mg/kg dry	20	2.2	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	0.62	UD	mg/kg dry	20	0.62	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
4-Nitroaniline [100-01-6] ^	1.3	UD	mg/kg dry	20	1.3	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
4-Nitrophenol [100-02-7]	0.74	UD	mg/kg dry	20	0.74	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
Acenaphthene [83-32-9] ^	**32**	D	mg/kg dry	20	0.66	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
Acenaphthylene [208-96-8] ^	0.66	UD	mg/kg dry	20	0.66	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
Anthracene [120-12-7] ^	**9.4**	D	mg/kg dry	20	0.90	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
Benzidine [92-87-5] ^	2.6	UD	mg/kg dry	20	2.6	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
Benzo(a)anthracene [56-55-3] ^	**4.9**	JD	mg/kg dry	20	0.66	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
Benzo(a)pyrene [50-32-8] ^	**1.4**	JD	mg/kg dry	20	0.78	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
Benzo(b)fluoranthene [205-99-2] ^	**2.1**	JD	mg/kg dry	20	0.43	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	1.1	UD	mg/kg dry	20	1.1	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
Benzo(k)fluoranthene [207-08-9] ^	**1.2**	JD	mg/kg dry	20	0.78	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
Benzoic acid [65-85-0] ^	3.6	UD	mg/kg dry	20	3.6	40	1C16008	EPA 8270D	03/17/11 22:12	DFM	
Benzyl alcohol [100-51-6] ^	0.55	UD	mg/kg dry	20	0.55	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	0.59	UD	mg/kg dry	20	0.59	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	1.0	UD	mg/kg dry	20	1.0	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] ^	0.57	UD	mg/kg dry	20	0.57	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	0.83	UD	mg/kg dry	20	0.83	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
Butylbenzylphthalate [85-68-7] ^	0.95	UD	mg/kg dry	20	0.95	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
Chrysene [218-01-9] ^	**3.9**	JD	mg/kg dry	20	0.71	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	1.2	UD	mg/kg dry	20	1.2	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
Dibenzofuran [132-64-9] ^	**27**	D	mg/kg dry	20	0.64	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
Diethylphthalate [84-66-2] ^	0.66	UD	mg/kg dry	20	0.66	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
Dimethylphthalate [131-11-3] ^	0.78	UD	mg/kg dry	20	0.78	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
Di-n-butylphthalate [84-74-2] ^	0.97	UD	mg/kg dry	20	0.97	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
Di-n-octylphthalate [117-84-0] ^	0.78	UD	mg/kg dry	20	0.78	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	

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Description: SP-1 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-19
Sampled: 03/09/11 09:00
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 84.3

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	**23**	D	mg/kg dry	20	0.85	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
Fluorene [86-73-7] ^	**37**	D	mg/kg dry	20	0.69	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
Hexachlorobenzene [118-74-1] ^	0.62	UD	mg/kg dry	20	0.62	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
Hexachlorobutadiene [87-68-3] ^	0.62	UD	mg/kg dry	20	0.62	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	0.93	UD	mg/kg dry	20	0.93	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
Hexachloroethane [67-72-1] ^	0.50	UD	mg/kg dry	20	0.50	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	1.1	UD	mg/kg dry	20	1.1	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
Isophorone [78-59-1] ^	0.71	UD	mg/kg dry	20	0.71	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
Naphthalene [91-20-3] ^	0.66	UD	mg/kg dry	20	0.66	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
Nitrobenzene [98-95-3] ^	0.62	UD	mg/kg dry	20	0.62	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
N-Nitrosodimethylamine [62-75-9] ^	0.50	UD	mg/kg dry	20	0.50	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	1.9	UD	mg/kg dry	20	1.9	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	1.3	UD	mg/kg dry	20	1.3	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
Pentachlorophenol [87-86-5]	0.78	UD	mg/kg dry	20	0.78	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	QV-01
Phenanthrene [85-01-8] ^	**47**	D	mg/kg dry	20	0.64	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
Phenol [108-95-2] ^	0.52	UD	mg/kg dry	20	0.52	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
Pyrene [129-00-0] ^	**15**	D	mg/kg dry	20	0.90	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	
Pyridine [110-86-1] ^	1.9	UD	mg/kg dry	20	1.9	7.8	1C16008	EPA 8270D	03/17/11 22:12	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*2.5*	*20*	*3.95*	*62 %*	*28-130*	*1C16008*	*EPA 8270D*	*03/17/11 22:12*	*DFM*	
2-Fluorobiphenyl	*2.1*	*20*	*1.98*	*106 %*	*56-120*	*1C16008*	*EPA 8270D*	*03/17/11 22:12*	*DFM*	
2-Fluorophenol	*2.5*	*20*	*3.95*	*63 %*	*49-126*	*1C16008*	*EPA 8270D*	*03/17/11 22:12*	*DFM*	
Nitrobenzene-d5	*1.6*	*20*	*1.98*	*82 %*	*50-117*	*1C16008*	*EPA 8270D*	*03/17/11 22:12*	*DFM*	
Phenol-d5	*3.2*	*20*	*3.95*	*81 %*	*56-120*	*1C16008*	*EPA 8270D*	*03/17/11 22:12*	*DFM*	
Terphenyl-d14	*2.2*	*20*	*1.98*	*110 %*	*36-151*	*1C16008*	*EPA 8270D*	*03/17/11 22:12*	*DFM*	

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Description: SP-1 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-19
Sampled: 03/09/11 09:00
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 84.3

Organochlorine Pesticides by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8] ^	0.00038	U	mg/kg dry	1	0.00038	0.0020	1C11001	EPA 8081B	03/17/11 23:03	MSZ	
4,4'-DDE [72-55-9] ^	0.00049	U	mg/kg dry	1	0.00049	0.0020	1C11001	EPA 8081B	03/17/11 23:03	MSZ	
4,4'-DDT [50-29-3] ^	0.00062	U	mg/kg dry	1	0.00062	0.0020	1C11001	EPA 8081B	03/17/11 23:03	MSZ	
Aldrin [309-00-2] ^	0.00043	U	mg/kg dry	1	0.00043	0.0020	1C11001	EPA 8081B	03/17/11 23:03	MSZ	
alpha-BHC [319-84-6] ^	0.00058	U	mg/kg dry	1	0.00058	0.0020	1C11001	EPA 8081B	03/17/11 23:03	MSZ	
beta-BHC [319-85-7] ^	0.00084	U	mg/kg dry	1	0.00084	0.0020	1C11001	EPA 8081B	03/17/11 23:03	MSZ	
Chlordane (tech) [12789-03-6] ^	0.0013	U	mg/kg dry	1	0.0013	0.039	1C11001	EPA 8081B	03/17/11 23:03	MSZ	
Chlordane-alpha [5103-71-9] ^	0.00055	U	mg/kg dry	1	0.00055	0.0020	1C11001	EPA 8081B	03/17/11 23:03	MSZ	
Chlordane-gamma [5566-34-7] ^	0.00071	U	mg/kg dry	1	0.00071	0.0020	1C11001	EPA 8081B	03/17/11 23:03	MSZ	
delta-BHC [319-86-8] ^	0.00036	U	mg/kg dry	1	0.00036	0.0020	1C11001	EPA 8081B	03/17/11 23:03	MSZ	
Dieldrin [60-57-1] ^	0.00038	U	mg/kg dry	1	0.00038	0.0020	1C11001	EPA 8081B	03/17/11 23:03	MSZ	
Endosulfan I [959-98-8] ^	0.00049	U	mg/kg dry	1	0.00049	0.0020	1C11001	EPA 8081B	03/17/11 23:03	MSZ	
Endosulfan II [33213-65-9] ^	0.00046	U	mg/kg dry	1	0.00046	0.0020	1C11001	EPA 8081B	03/17/11 23:03	MSZ	
Endosulfan sulfate [1031-07-8] ^	0.00057	U	mg/kg dry	1	0.00057	0.0020	1C11001	EPA 8081B	03/17/11 23:03	MSZ	
Endrin [72-20-8] ^	0.00046	U	mg/kg dry	1	0.00046	0.0020	1C11001	EPA 8081B	03/17/11 23:03	MSZ	
Endrin aldehyde [7421-93-4] ^	0.00040	U	mg/kg dry	1	0.00040	0.0020	1C11001	EPA 8081B	03/17/11 23:03	MSZ	
Endrin ketone [53494-70-5] ^	0.00036	U	mg/kg dry	1	0.00036	0.0020	1C11001	EPA 8081B	03/17/11 23:03	MSZ	
gamma-BHC [58-89-9] ^	0.00050	U	mg/kg dry	1	0.00050	0.0020	1C11001	EPA 8081B	03/17/11 23:03	MSZ	
Heptachlor [76-44-8] ^	0.00055	U	mg/kg dry	1	0.00055	0.0020	1C11001	EPA 8081B	03/17/11 23:03	MSZ	
Heptachlor epoxide [1024-57-3] ^	0.00051	U	mg/kg dry	1	0.00051	0.0020	1C11001	EPA 8081B	03/17/11 23:03	MSZ	
Isodrin [465-73-6] ^	0.00043	U	mg/kg dry	1	0.00043	0.0020	1C11001	EPA 8081B	03/17/11 23:03	MSZ	
Methoxychlor [72-43-5] ^	0.00050	U	mg/kg dry	1	0.00050	0.0020	1C11001	EPA 8081B	03/17/11 23:03	MSZ	
Mirex [2385-85-5] ^	0.00066	U	mg/kg dry	1	0.00066	0.0020	1C11001	EPA 8081B	03/17/11 23:03	MSZ	
Toxaphene [8001-35-2] ^	0.012	U	mg/kg dry	1	0.012	0.020	1C11001	EPA 8081B	03/17/11 23:03	MSZ	

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Description: SP-1 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-19
Sampled: 03/09/11 09:00
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 84.3

Polychlorinated Biphenyls by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
PCB-1016/1242 [12674-11-2/53469-21-9] ^	0.0090	U	mg/kg dry	1	0.0090	0.020	1C11002	EPA 8082A	03/17/11 23:03	MSZ	
PCB-1221 [11104-28-2] ^	0.0062	U	mg/kg dry	1	0.0062	0.020	1C11002	EPA 8082A	03/17/11 23:03	MSZ	
PCB-1232 [11141-16-5] ^	0.0062	U	mg/kg dry	1	0.0062	0.020	1C11002	EPA 8082A	03/17/11 23:03	MSZ	
PCB-1248 [12672-29-6] ^	0.0062	U	mg/kg dry	1	0.0062	0.020	1C11002	EPA 8082A	03/17/11 23:03	MSZ	
PCB-1254 [11097-69-1] ^	0.0062	U	mg/kg dry	1	0.0062	0.020	1C11002	EPA 8082A	03/17/11 23:03	MSZ	
PCB-1260 [11096-82-5] ^	0.0049	U	mg/kg dry	1	0.0049	0.020	1C11002	EPA 8082A	03/17/11 23:03	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,5,6-TCMX	*0.036*	*1*	*0.0395*	*90 %*	*44-168*	*1C11002*	*EPA 8082A*	*03/17/11 23:03*	*MSZ*	
Decachlorobiphenyl	*0.036*	*1*	*0.0395*	*90 %*	*51-154*	*1C11002*	*EPA 8082A*	*03/17/11 23:03*	*MSZ*	

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Description: SP-1 WSW	**Lab Sample ID:** C102841-19	**Received:** 03/09/11 12:50
Matrix: Soil	**Sampled:** 03/09/11 09:00	**Work Order:** C102841
Project: Point Harbour Site	**Sampled By:** Michael Sabodish	**% Solids:** 84.3

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	**5.90**		mg/kg dry	1	0.119	0.593	1C10015	EPA 6010C	03/11/11 12:10	JDH	
Lead [7439-92-1] ^	**43.1**		mg/kg dry	1	0.142	0.593	1C10015	EPA 6010C	03/11/11 12:10	JDH	

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Description: SP-1 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-19
Sampled: 03/09/11 09:00
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 84.3

Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM) [C-0007] ^	**4030**		mg/kg dry	1	59.3	59.3	1C14013	EPA 9071B	03/17/11 14:06	MJF	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SP-1 BASE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-20
Sampled: 03/09/11 09:00
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 83.7

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.022	UD	mg/kg dry	113	0.022	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
1,1,1-Trichloroethane [71-55-6] ^	0.024	UD	mg/kg dry	113	0.024	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.027	UD	mg/kg dry	113	0.027	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
1,1,2-Trichloroethane [79-00-5] ^	0.031	UD	mg/kg dry	113	0.031	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
1,1-Dichloroethane [75-34-3] ^	0.034	UD	mg/kg dry	113	0.034	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
1,1-Dichloroethene [75-35-4] ^	0.040	UD	mg/kg dry	113	0.040	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
1,1-Dichloropropene [563-58-6] ^	0.043	UD	mg/kg dry	113	0.043	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
1,2,3-Trichlorobenzene [87-61-6] ^	0.028	UD	mg/kg dry	113	0.028	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
1,2,3-Trichloropropane [96-18-4] ^	0.046	UD	mg/kg dry	113	0.046	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
1,2,4-Trichlorobenzene [120-82-1] ^	0.036	UD	mg/kg dry	113	0.036	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
1,2,4-Trimethylbenzene [95-63-6] ^	0.023	UD	mg/kg dry	113	0.023	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.11	UD	mg/kg dry	113	0.11	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
1,2-Dibromoethane [106-93-4] ^	0.062	UD	mg/kg dry	113	0.062	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
1,2-Dichlorobenzene [95-50-1] ^	0.036	UD	mg/kg dry	113	0.036	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
1,2-Dichloroethane [107-06-2] ^	0.051	UD	mg/kg dry	113	0.051	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
1,2-Dichloropropane [78-87-5] ^	0.035	UD	mg/kg dry	113	0.035	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
1,3,5-Trimethylbenzene [108-67-8] ^	0.027	UD	mg/kg dry	113	0.027	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
1,3-Dichlorobenzene [541-73-1] ^	0.030	UD	mg/kg dry	113	0.030	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
1,3-Dichloropropane [142-28-9] ^	0.039	UD	mg/kg dry	113	0.039	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
1,4-Dichlorobenzene [106-46-7] ^	0.027	UD	mg/kg dry	113	0.027	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
2,2-Dichloropropane [594-20-7] ^	0.031	UD	mg/kg dry	113	0.031	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
2-Butanone [78-93-3] ^	0.11	UD	mg/kg dry	113	0.11	0.67	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.066	UD	mg/kg dry	113	0.066	0.67	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
2-Chlorotoluene [95-49-8] ^	0.024	UD	mg/kg dry	113	0.024	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
2-Hexanone [591-78-6] ^	0.10	UD	mg/kg dry	113	0.10	0.67	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
4-Chlorotoluene [106-43-4] ^	0.035	UD	mg/kg dry	113	0.035	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
4-Isopropyltoluene [99-87-6] ^	0.022	UD	mg/kg dry	113	0.022	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
4-Methyl-2-pentanone [108-10-1] ^	0.077	UD	mg/kg dry	113	0.077	0.67	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
Acetone [67-64-1] ^	0.16	UD	mg/kg dry	113	0.16	0.67	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
Benzene [71-43-2] ^	0.023	UD	mg/kg dry	113	0.023	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
Bromobenzene [108-86-1] ^	0.030	UD	mg/kg dry	113	0.030	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
Bromochloromethane [74-97-5] ^	0.055	UD	mg/kg dry	113	0.055	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
Bromodichloromethane [75-27-4] ^	0.032	UD	mg/kg dry	113	0.032	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
Bromoform [75-25-2] ^	0.061	UD	mg/kg dry	113	0.061	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
Bromomethane [74-83-9] ^	0.031	UD	mg/kg dry	113	0.031	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
Carbon disulfide [75-15-0] ^	0.053	UD	mg/kg dry	113	0.053	0.67	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
Carbon Tetrachloride [56-23-5] ^	0.030	UD	mg/kg dry	113	0.030	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
Chlorobenzene [108-90-7] ^	0.023	UD	mg/kg dry	113	0.023	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
Chloroethane [75-00-3] ^	0.034	UD	mg/kg dry	113	0.034	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
Chloroform [67-66-3] ^	0.023	UD	mg/kg dry	113	0.023	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
Chloromethane [74-87-3] ^	0.020	UD	mg/kg dry	113	0.020	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
cis-1,2-Dichloroethene [156-59-2] ^	0.031	UD	mg/kg dry	113	0.031	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
cis-1,3-Dichloropropene [10061-01-5] ^	0.018	UD	mg/kg dry	113	0.018	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
Dibromochloromethane [124-48-1] ^	0.047	UD	mg/kg dry	113	0.047	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
Dibromomethane [74-95-3] ^	0.042	UD	mg/kg dry	113	0.042	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
Dichlorodifluoromethane [75-71-8] ^	0.061	UD	mg/kg dry	113	0.061	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
Ethylbenzene [100-41-4] ^	0.027	UD	mg/kg dry	113	0.027	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
Hexachlorobutadiene [87-68-3] ^	0.047	UD	mg/kg dry	113	0.047	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
Isopropylbenzene [98-82-8] ^	0.020	UD	mg/kg dry	113	0.020	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
m,p-Xylenes [108-38-3/106-42-3] ^	0.050	UD	mg/kg dry	113	0.050	0.27	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
Methylene Chloride [75-09-2] ^	0.076	UD	mg/kg dry	113	0.076	0.27	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05

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Description: SP-1 BASE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-20
Sampled: 03/09/11 09:00
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 83.7

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.040	UD	mg/kg dry	113	0.040	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
Naphthalene [91-20-3] ^	**0.84**	D	mg/kg dry	113	0.032	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
n-Butyl Benzene [104-51-8] ^	**0.35**	D	mg/kg dry	113	0.030	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
n-Propyl Benzene [103-65-1] ^	0.024	UD	mg/kg dry	113	0.024	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
o-Xylene [95-47-6] ^	0.030	UD	mg/kg dry	113	0.030	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
sec-Butylbenzene [135-98-8] ^	0.030	UD	mg/kg dry	113	0.030	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
Styrene [100-42-5] ^	0.023	UD	mg/kg dry	113	0.023	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
tert-Butylbenzene [98-06-6] ^	0.022	UD	mg/kg dry	113	0.022	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
Tetrachloroethene [127-18-4] ^	0.038	UD	mg/kg dry	113	0.038	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
Toluene [108-88-3] ^	0.027	UD	mg/kg dry	113	0.027	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
trans-1,2-Dichloroethene [156-60-5] ^	0.050	UD	mg/kg dry	113	0.050	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
trans-1,3-Dichloropropene [10061-02-6] ^	0.053	UD	mg/kg dry	113	0.053	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
Trichloroethene [79-01-6] ^	0.036	UD	mg/kg dry	113	0.036	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
Trichlorofluoromethane [75-69-4] ^	0.035	UD	mg/kg dry	113	0.035	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
Vinyl chloride [75-01-4] ^	0.032	UD	mg/kg dry	113	0.032	0.13	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05
Xylenes (Total) [1330-20-7] ^	0.076	UD	mg/kg dry	113	0.076	0.40	1C16039	EPA 8260B	03/17/11 06:46	JKG	R-05

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*49*	*1*	*50.0*	*98 %*	*61-118*	*1C16039*	*EPA 8260B*	*03/17/11 06:46*	*JKG*	*R-05*
Dibromofluoromethane	*43*	*1*	*50.0*	*85 %*	*66-114*	*1C16039*	*EPA 8260B*	*03/17/11 06:46*	*JKG*	*R-05*
Toluene-d8	*45*	*1*	*50.0*	*90 %*	*63-118*	*1C16039*	*EPA 8260B*	*03/17/11 06:46*	*JKG*	*R-05*

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Description: SP-1 BASE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-20
Sampled: 03/09/11 09:00
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 83.7

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
1,2-Dichlorobenzene [95-50-1] ^	0.14	UD	mg/kg dry	5	0.14	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
1,3-Dichlorobenzene [541-73-1] ^	0.12	UD	mg/kg dry	5	0.12	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
1,4-Dichlorobenzene [106-46-7] ^	0.13	UD	mg/kg dry	5	0.13	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
1-Methylnaphthalene [90-12-0] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
2,4,5-Trichlorophenol [95-95-4] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
2,4,6-Trichlorophenol [88-06-2] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
2,4-Dichlorophenol [120-83-2] ^	0.14	UD	mg/kg dry	5	0.14	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
2,4-Dimethylphenol [105-67-9] ^	0.26	UD	mg/kg dry	5	0.26	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
2,4-Dinitrophenol [51-28-5] ^	0.26	UD	mg/kg dry	5	0.26	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
2,4-Dinitrotoluene [121-14-2] ^	0.17	UD	mg/kg dry	5	0.17	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
2,6-Dinitrotoluene [606-20-2] ^	0.19	UD	mg/kg dry	5	0.19	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
2-Chloronaphthalene [91-58-7] ^	0.17	UD	mg/kg dry	5	0.17	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
2-Chlorophenol [95-57-8] ^	0.15	UD	mg/kg dry	5	0.15	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
2-Methyl-4,6-dinitrophenol [534-52-1] ^	0.20	UD	mg/kg dry	5	0.20	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
2-Methylnaphthalene [91-57-6] ^	0.17	UD	mg/kg dry	5	0.17	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
2-Methylphenol [95-48-7] ^	0.15	UD	mg/kg dry	5	0.15	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
2-Nitroaniline [88-74-4] ^	0.18	UD	mg/kg dry	5	0.18	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
2-Nitrophenol [88-75-5] ^	0.19	UD	mg/kg dry	5	0.19	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
3,3'-Dichlorobenzidine [91-94-1] ^	0.59	UD	mg/kg dry	5	0.59	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
3-Nitroaniline [99-09-2] ^	0.22	UD	mg/kg dry	5	0.22	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
4-Bromophenyl-phenylether [101-55-3] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
4-Chloro-3-methylphenol [59-50-7] ^	0.20	UD	mg/kg dry	5	0.20	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
4-Chloroaniline [106-47-8] ^	0.56	UD	mg/kg dry	5	0.56	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
4-Chlorophenyl-phenylether [7005-72-3] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
4-Nitroaniline [100-01-6] ^	0.32	UD	mg/kg dry	5	0.32	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
4-Nitrophenol [100-02-7]	0.19	UD	mg/kg dry	5	0.19	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
Acenaphthene [83-32-9] ^	**10**	D	mg/kg dry	5	0.17	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
Acenaphthylene [208-96-8] ^	0.17	UD	mg/kg dry	5	0.17	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
Anthracene [120-12-7] ^	**2.5**	D	mg/kg dry	5	0.23	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
Benzidine [92-87-5] ^	0.66	UD	mg/kg dry	5	0.66	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	QV-01, R-05
Benzo(a)anthracene [56-55-3] ^	**1.2**	JD	mg/kg dry	5	0.17	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
Benzo(a)pyrene [50-32-8] ^	**0.39**	JD	mg/kg dry	5	0.20	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
Benzo(b)fluoranthene [205-99-2] ^	**0.57**	JD	mg/kg dry	5	0.11	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
Benzo(g,h,i)perylene [191-24-2] ^	0.28	UD	mg/kg dry	5	0.28	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
Benzo(k)fluoranthene [207-08-9] ^	**0.26**	JD	mg/kg dry	5	0.20	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
Benzoic acid [65-85-0] ^	0.90	UD	mg/kg dry	5	0.90	10	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
Benzyl alcohol [100-51-6] ^	0.14	UD	mg/kg dry	5	0.14	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
Bis(2-chloroethoxy)methane [111-91-1] ^	0.15	UD	mg/kg dry	5	0.15	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
Bis(2-chloroethyl)ether [111-44-4] ^	0.26	UD	mg/kg dry	5	0.26	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
Bis(2-chloroisopropyl)ether [108-60-1] ^	0.14	UD	mg/kg dry	5	0.14	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
Bis(2-ethylhexyl)phthalate [117-81-7] ^	0.21	UD	mg/kg dry	5	0.21	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
Butylbenzylphthalate [85-68-7] ^	0.24	UD	mg/kg dry	5	0.24	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
Chrysene [218-01-9] ^	**0.93**	JD	mg/kg dry	5	0.18	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
Dibenzo(a,h)anthracene [53-70-3] ^	0.30	UD	mg/kg dry	5	0.30	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
Dibenzofuran [132-64-9] ^	**8.0**	D	mg/kg dry	5	0.16	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
Diethylphthalate [84-66-2] ^	0.17	UD	mg/kg dry	5	0.17	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
Dimethylphthalate [131-11-3] ^	0.20	UD	mg/kg dry	5	0.20	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
Di-n-butylphthalate [84-74-2] ^	0.24	UD	mg/kg dry	5	0.24	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
Di-n-octylphthalate [117-84-0] ^	0.20	UD	mg/kg dry	5	0.20	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05

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Description: SP-1 BASE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-20
Sampled: 03/09/11 09:00
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 83.7

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	**6.2**	D	mg/kg dry	5	0.22	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
Fluorene [86-73-7] ^	**11**	D	mg/kg dry	5	0.17	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
Hexachlorobenzene [118-74-1] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
Hexachlorobutadiene [87-68-3] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
Hexachlorocyclopentadiene [77-47-4] ^	0.23	UD	mg/kg dry	5	0.23	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
Hexachloroethane [67-72-1] ^	0.13	UD	mg/kg dry	5	0.13	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.28	UD	mg/kg dry	5	0.28	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
Isophorone [78-59-1] ^	0.18	UD	mg/kg dry	5	0.18	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
Naphthalene [91-20-3] ^	0.17	UD	mg/kg dry	5	0.17	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
Nitrobenzene [98-95-3] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
N-Nitrosodimethylamine [62-75-9] ^	0.13	UD	mg/kg dry	5	0.13	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
N-Nitroso-di-n-propylamine [621-64-7] ^	0.48	UD	mg/kg dry	5	0.48	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	0.32	UD	mg/kg dry	5	0.32	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
Pentachlorophenol [87-86-5]	0.20	UD	mg/kg dry	5	0.20	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	QV-01, R-05
Phenanthrene [85-01-8] ^	**12**	D	mg/kg dry	5	0.16	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
Phenol [108-95-2] ^	0.13	UD	mg/kg dry	5	0.13	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
Pyrene [129-00-0] ^	**4.2**	D	mg/kg dry	5	0.23	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05
Pyridine [110-86-1] ^	0.49	UD	mg/kg dry	5	0.49	2.0	1C16008	EPA 8270D	03/18/11 21:13	DFM	R-05

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*3.1*	*5*	*3.98*	*78 %*	*28-130*	*1C16008*	*EPA 8270D*	*03/18/11 21:13*	*DFM*	*R-05*
2-Fluorobiphenyl	*2.0*	*5*	*1.99*	*99 %*	*56-120*	*1C16008*	*EPA 8270D*	*03/18/11 21:13*	*DFM*	*R-05*
2-Fluorophenol	*2.9*	*5*	*3.98*	*73 %*	*49-126*	*1C16008*	*EPA 8270D*	*03/18/11 21:13*	*DFM*	*R-05*
Nitrobenzene-d5	*1.6*	*5*	*1.99*	*82 %*	*50-117*	*1C16008*	*EPA 8270D*	*03/18/11 21:13*	*DFM*	*R-05*
Phenol-d5	*3.3*	*5*	*3.98*	*82 %*	*56-120*	*1C16008*	*EPA 8270D*	*03/18/11 21:13*	*DFM*	*R-05*
Terphenyl-d14	*2.3*	*5*	*1.99*	*113 %*	*36-151*	*1C16008*	*EPA 8270D*	*03/18/11 21:13*	*DFM*	*R-05*

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Description: SP-1 BASE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-20
Sampled: 03/09/11 09:00
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 83.7

Organochlorine Pesticides by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8] ^	0.00038	U	mg/kg dry	1	0.00038	0.0020	1C11001	EPA 8081B	03/17/11 23:16	MSZ	
4,4'-DDE [72-55-9] ^	0.00049	U	mg/kg dry	1	0.00049	0.0020	1C11001	EPA 8081B	03/17/11 23:16	MSZ	
4,4'-DDT [50-29-3] ^	0.00062	U	mg/kg dry	1	0.00062	0.0020	1C11001	EPA 8081B	03/17/11 23:16	MSZ	
Aldrin [309-00-2] ^	0.00043	U	mg/kg dry	1	0.00043	0.0020	1C11001	EPA 8081B	03/17/11 23:16	MSZ	
alpha-BHC [319-84-6] ^	0.00059	U	mg/kg dry	1	0.00059	0.0020	1C11001	EPA 8081B	03/17/11 23:16	MSZ	
beta-BHC [319-85-7] ^	0.00085	U	mg/kg dry	1	0.00085	0.0020	1C11001	EPA 8081B	03/17/11 23:16	MSZ	
Chlordane (tech) [12789-03-6] ^	0.0013	U	mg/kg dry	1	0.0013	0.039	1C11001	EPA 8081B	03/17/11 23:16	MSZ	
Chlordane-alpha [5103-71-9] ^	0.00055	U	mg/kg dry	1	0.00055	0.0020	1C11001	EPA 8081B	03/17/11 23:16	MSZ	
Chlordane-gamma [5566-34-7] ^	0.00072	U	mg/kg dry	1	0.00072	0.0020	1C11001	EPA 8081B	03/17/11 23:16	MSZ	
delta-BHC [319-86-8] ^	0.00036	U	mg/kg dry	1	0.00036	0.0020	1C11001	EPA 8081B	03/17/11 23:16	MSZ	
Dieldrin [60-57-1] ^	0.00038	U	mg/kg dry	1	0.00038	0.0020	1C11001	EPA 8081B	03/17/11 23:16	MSZ	
Endosulfan I [959-98-8] ^	0.00049	U	mg/kg dry	1	0.00049	0.0020	1C11001	EPA 8081B	03/17/11 23:16	MSZ	
Endosulfan II [33213-65-9] ^	0.00047	U	mg/kg dry	1	0.00047	0.0020	1C11001	EPA 8081B	03/17/11 23:16	MSZ	
Endosulfan sulfate [1031-07-8] ^	0.00057	U	mg/kg dry	1	0.00057	0.0020	1C11001	EPA 8081B	03/17/11 23:16	MSZ	
Endrin [72-20-8] ^	0.00047	U	mg/kg dry	1	0.00047	0.0020	1C11001	EPA 8081B	03/17/11 23:16	MSZ	
Endrin aldehyde [7421-93-4] ^	0.00041	U	mg/kg dry	1	0.00041	0.0020	1C11001	EPA 8081B	03/17/11 23:16	MSZ	
Endrin ketone [53494-70-5] ^	0.00036	U	mg/kg dry	1	0.00036	0.0020	1C11001	EPA 8081B	03/17/11 23:16	MSZ	
gamma-BHC [58-89-9] ^	0.00050	U	mg/kg dry	1	0.00050	0.0020	1C11001	EPA 8081B	03/17/11 23:16	MSZ	
Heptachlor [76-44-8] ^	0.00055	U	mg/kg dry	1	0.00055	0.0020	1C11001	EPA 8081B	03/17/11 23:16	MSZ	
Heptachlor epoxide [1024-57-3] ^	0.00051	U	mg/kg dry	1	0.00051	0.0020	1C11001	EPA 8081B	03/17/11 23:16	MSZ	
Isodrin [465-73-6] ^	0.00043	U	mg/kg dry	1	0.00043	0.0020	1C11001	EPA 8081B	03/17/11 23:16	MSZ	
Methoxychlor [72-43-5] ^	0.00050	U	mg/kg dry	1	0.00050	0.0020	1C11001	EPA 8081B	03/17/11 23:16	MSZ	
Mirex [2385-85-5] ^	0.00067	U	mg/kg dry	1	0.00067	0.0020	1C11001	EPA 8081B	03/17/11 23:16	MSZ	
Toxaphene [8001-35-2] ^	0.012	U	mg/kg dry	1	0.012	0.020	1C11001	EPA 8081B	03/17/11 23:16	MSZ	

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Description: SP-1 BASE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-20
Sampled: 03/09/11 09:00
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 83.7

Polychlorinated Biphenyls by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
PCB-1016/1242 [12674-11-2/53469-21-9] ^	0.0091	U	mg/kg dry	1	0.0091	0.020	1C11002	EPA 8082A	03/17/11 23:16	MSZ	
PCB-1221 [11104-28-2] ^	0.0062	U	mg/kg dry	1	0.0062	0.020	1C11002	EPA 8082A	03/17/11 23:16	MSZ	
PCB-1232 [11141-16-5] ^	0.0062	U	mg/kg dry	1	0.0062	0.020	1C11002	EPA 8082A	03/17/11 23:16	MSZ	
PCB-1248 [12672-29-6] ^	0.0062	U	mg/kg dry	1	0.0062	0.020	1C11002	EPA 8082A	03/17/11 23:16	MSZ	
PCB-1254 [11097-69-1] ^	0.0062	U	mg/kg dry	1	0.0062	0.020	1C11002	EPA 8082A	03/17/11 23:16	MSZ	
PCB-1260 [11096-82-5] ^	0.0049	U	mg/kg dry	1	0.0049	0.020	1C11002	EPA 8082A	03/17/11 23:16	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,5,6-TCMX	*0.028*	*1*	*0.0398*	*70 %*	*44-168*	*1C11002*	*EPA 8082A*	*03/17/11 23:16*	*MSZ*	
Decachlorobiphenyl	*0.032*	*1*	*0.0398*	*80 %*	*51-154*	*1C11002*	*EPA 8082A*	*03/17/11 23:16*	*MSZ*	

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Description: SP-1 BASE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-20
Sampled: 03/09/11 09:00
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 83.7

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	**2.43**		mg/kg dry	1	0.119	0.597	1C10015	EPA 6010C	03/11/11 12:12	JDH	
Lead [7439-92-1] ^	**7.59**		mg/kg dry	1	0.143	0.597	1C10015	EPA 6010C	03/11/11 12:12	JDH	

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Description: SP-1 BASE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-20
Sampled: 03/09/11 09:00
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 83.7

Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM) [C-0007] ^	514		mg/kg dry	1	59.7	59.7	1C14013	EPA 9071B	03/17/11 14:06	MJF	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SP-8 STOCKPILE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-21
Sampled: 03/08/11 12:35
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids:

TCLP Semivolatile Organics by GCMS

^ - ENCO Orlando certified analyte [NC 424]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,4-Dichlorobenzene [106-46-7] ^	0.002	U	mg/L	1	0.002	0.10	1C15002	EPA 8270D	03/18/11 16:57	jfl	
2,4,5-Trichlorophenol [95-95-4] ^	0.002	U	mg/L	1	0.002	0.10	1C15002	EPA 8270D	03/18/11 16:57	jfl	
2,4,6-Trichlorophenol [88-06-2] ^	0.003	U	mg/L	1	0.003	0.10	1C15002	EPA 8270D	03/18/11 16:57	jfl	
2,4-Dinitrotoluene [121-14-2] ^	0.002	U	mg/L	1	0.002	0.10	1C15002	EPA 8270D	03/18/11 16:57	jfl	
2-Methylphenol [95-48-7] ^	0.002	U	mg/L	1	0.002	0.10	1C15002	EPA 8270D	03/18/11 16:57	jfl	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.004	U	mg/L	1	0.004	0.10	1C15002	EPA 8270D	03/18/11 16:57	jfl	
Hexachlorobenzene [118-74-1] ^	0.001	U	mg/L	1	0.001	0.10	1C15002	EPA 8270D	03/18/11 16:57	jfl	
Hexachlorobutadiene [87-68-3] ^	0.001	U	mg/L	1	0.001	0.10	1C15002	EPA 8270D	03/18/11 16:57	jfl	
Hexachloroethane [67-72-1] ^	0.002	U	mg/L	1	0.002	0.10	1C15002	EPA 8270D	03/18/11 16:57	jfl	
Nitrobenzene [98-95-3] ^	0.003	U	mg/L	1	0.003	0.10	1C15002	EPA 8270D	03/18/11 16:57	jfl	
Pentachlorophenol [87-86-5] ^	0.004	U	mg/L	1	0.004	0.10	1C15002	EPA 8270D	03/18/11 16:57	jfl	
Pyridine [110-86-1] ^	0.002	U	mg/L	1	0.002	0.10	1C15002	EPA 8270D	03/18/11 16:57	jfl	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*0.23*	*1*	*0.250*	*92 %*	*47-128*	*1C15002*	*EPA 8270D*	*03/18/11 16:57*	*jfl*	
2-Fluorobiphenyl	*0.13*	*1*	*0.250*	*51 %*	*44-102*	*1C15002*	*EPA 8270D*	*03/18/11 16:57*	*jfl*	
2-Fluorophenol	*0.074*	*1*	*0.250*	*30 %*	*25-79*	*1C15002*	*EPA 8270D*	*03/18/11 16:57*	*jfl*	
Nitrobenzene-d5	*0.12*	*1*	*0.250*	*48 %*	*43-112*	*1C15002*	*EPA 8270D*	*03/18/11 16:57*	*jfl*	
Phenol-d5	*0.049*	*1*	*0.250*	*19 %*	*14-54*	*1C15002*	*EPA 8270D*	*03/18/11 16:57*	*jfl*	
Terphenyl-d14	*0.23*	*1*	*0.250*	*94 %*	*65-122*	*1C15002*	*EPA 8270D*	*03/18/11 16:57*	*jfl*	

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Description: SP-8 STOCKPILE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-21
Sampled: 03/08/11 12:35
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids:

TCLP Pesticides by GC

^ - ENCO Orlando certified analyte [NC 424]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chlordane (tech) [12789-03-6] ^	0.000031	U	mg/L	1	0.000031	0.00025	1C15007	EPA 8081B	03/21/11 17:25	RC	
Endrin [72-20-8] ^	0.000019	U	mg/L	1	0.000019	0.00025	1C15007	EPA 8081B	03/21/11 17:25	RC	
gamma-BHC [58-89-9] ^	0.000030	U	mg/L	1	0.000030	0.00025	1C15007	EPA 8081B	03/21/11 17:25	RC	
Heptachlor [76-44-8] ^	0.000038	U	mg/L	1	0.000038	0.00025	1C15007	EPA 8081B	03/21/11 17:25	RC	
Heptachlor epoxide [1024-57-3] ^	0.000027	U	mg/L	1	0.000027	0.00025	1C15007	EPA 8081B	03/21/11 17:25	RC	
Methoxychlor [72-43-5] ^	0.000014	U	mg/L	1	0.000014	0.00025	1C15007	EPA 8081B	03/21/11 17:25	RC	
Toxaphene [8001-35-2] ^	0.000090	U	mg/L	1	0.000090	0.00025	1C15007	EPA 8081B	03/21/11 17:25	RC	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,5,6-TCMX	*0.0025*	*1*	*0.00500*	*50 %*	*38-142*	*1C15007*	*EPA 8081B*	*03/21/11 17:25*	*RC*	
Decachlorobiphenyl	*0.0039*	*1*	*0.00500*	*78 %*	*34-159*	*1C15007*	*EPA 8081B*	*03/21/11 17:25*	*RC*	

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Description: SP-8 STOCKPILE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-21
Sampled: 03/08/11 12:35
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids:

TCLP Herbicides by GC

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
2,4,5-TP (Silvex) [93-72-1]	0.0002	U	mg/L	1	0.0002	0.0005	1C15006	EPA 8151A	03/17/11 19:46	RGG	
2,4-D [94-75-7]	0.0002	U	mg/L	1	0.0002	0.0005	1C15006	EPA 8151A	03/17/11 19:46	RGG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4-DCAA	*0.010*	*1*	*0.0100*	*100 %*	*68-139*	*1C15006*	*EPA 8151A*	*03/17/11 19:46*	*RGG*	

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Description: SP-8 STOCKPILE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-21
Sampled: 03/08/11 12:35
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids:

TCLP Metals by 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NC 424]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	0.205	UD	mg/L	10	0.205	25.0	1C14029	EPA 6020A	03/17/11 14:32	JMA	
Barium [7440-39-3] ^	0.850	UD	mg/L	10	0.850	250	1C14029	EPA 6020A	03/17/11 14:32	JMA	
Cadmium [7440-43-9] ^	0.0550	UD	mg/L	10	0.0550	7.50	1C14029	EPA 6020A	03/17/11 14:32	JMA	
Chromium [7440-47-3] ^	0.225	UD	mg/L	10	0.225	25.0	1C14029	EPA 6020A	03/17/11 14:32	JMA	
Lead [7439-92-1] ^	0.0800	UD	mg/L	10	0.0800	12.5	1C14029	EPA 6020A	03/17/11 14:32	JMA	
Mercury [7439-97-6] ^	0.0001	U	mg/L	1	0.0001	0.002	1C14012	EPA 7470A	03/18/11 09:33	JAY	
Selenium [7782-49-2] ^	0.265	UD	mg/L	10	0.265	25.0	1C14029	EPA 6020A	03/17/11 14:32	JMA	
Silver [7440-22-4] ^	0.0145	UD	mg/L	10	0.0145	2.50	1C14029	EPA 6020A	03/17/11 14:32	JMA	

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Description: SP-8 STOCKPILE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-21
Sampled: 03/08/11 12:35
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids:

TCLP Volatile Organics by GCMS

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1-Dichloroethene [75-35-4] ^	0.0210	UD	mg/L	100	0.0210	0.100	1C16023	EPA 8260B	03/17/11 07:49	GMB	QV-01
1,2-Dichloroethane [107-06-2] ^	0.0280	UD	mg/L	100	0.0280	0.100	1C16023	EPA 8260B	03/17/11 07:49	GMB	
2-Butanone [78-93-3] ^	0.0380	UD	mg/L	100	0.0380	0.500	1C16023	EPA 8260B	03/17/11 07:49	GMB	
Benzene [71-43-2] ^	0.0270	UD	mg/L	100	0.0270	0.100	1C16023	EPA 8260B	03/17/11 07:49	GMB	
Carbon Tetrachloride [56-23-5] ^	0.0200	UD	mg/L	100	0.0200	0.100	1C16023	EPA 8260B	03/17/11 07:49	GMB	
Chlorobenzene [108-90-7] ^	0.0240	UD	mg/L	100	0.0240	0.100	1C16023	EPA 8260B	03/17/11 07:49	GMB	
Chloroform [67-66-3] ^	0.0210	UD	mg/L	100	0.0210	0.100	1C16023	EPA 8260B	03/17/11 07:49	GMB	
Tetrachloroethene [127-18-4] ^	0.0210	UD	mg/L	100	0.0210	0.100	1C16023	EPA 8260B	03/17/11 07:49	GMB	
Trichloroethene [79-01-6] ^	0.0240	UD	mg/L	100	0.0240	0.100	1C16023	EPA 8260B	03/17/11 07:49	GMB	
Vinyl chloride [75-01-4] ^	0.0330	UD	mg/L	100	0.0330	0.100	1C16023	EPA 8260B	03/17/11 07:49	GMB	QV-01

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*0.0420*	*1*	*0.0500*	*84 %*	*62-132*	*1C16023*	*EPA 8260B*	*03/17/11 07:49*	*GMB*	
Dibromofluoromethane	*0.0480*	*1*	*0.0500*	*96 %*	*73-134*	*1C16023*	*EPA 8260B*	*03/17/11 07:49*	*GMB*	
Toluene-d8	*0.0508*	*1*	*0.0500*	*102 %*	*66-138*	*1C16023*	*EPA 8260B*	*03/17/11 07:49*	*GMB*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SP-11 STOCKPILE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-22
Sampled: 03/08/11 14:38
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids:

TCLP Semivolatile Organics by GCMS

^ - ENCO Orlando certified analyte [NC 424]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,4-Dichlorobenzene [106-46-7] ^	0.002	U	mg/L	1	0.002	0.10	1C15002	EPA 8270D	03/18/11 17:25	jfi	
2,4,5-Trichlorophenol [95-95-4] ^	0.002	U	mg/L	1	0.002	0.10	1C15002	EPA 8270D	03/18/11 17:25	jfi	
2,4,6-Trichlorophenol [88-06-2] ^	0.003	U	mg/L	1	0.003	0.10	1C15002	EPA 8270D	03/18/11 17:25	jfi	
2,4-Dinitrotoluene [121-14-2] ^	0.002	U	mg/L	1	0.002	0.10	1C15002	EPA 8270D	03/18/11 17:25	jfi	
2-Methylphenol [95-48-7] ^	0.002	U	mg/L	1	0.002	0.10	1C15002	EPA 8270D	03/18/11 17:25	jfi	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.004	U	mg/L	1	0.004	0.10	1C15002	EPA 8270D	03/18/11 17:25	jfi	
Hexachlorobenzene [118-74-1] ^	0.001	U	mg/L	1	0.001	0.10	1C15002	EPA 8270D	03/18/11 17:25	jfi	
Hexachlorobutadiene [87-68-3] ^	0.001	U	mg/L	1	0.001	0.10	1C15002	EPA 8270D	03/18/11 17:25	jfi	
Hexachloroethane [67-72-1] ^	0.002	U	mg/L	1	0.002	0.10	1C15002	EPA 8270D	03/18/11 17:25	jfi	
Nitrobenzene [98-95-3] ^	0.003	U	mg/L	1	0.003	0.10	1C15002	EPA 8270D	03/18/11 17:25	jfi	
Pentachlorophenol [87-86-5] ^	0.004	U	mg/L	1	0.004	0.10	1C15002	EPA 8270D	03/18/11 17:25	jfi	
Pyridine [110-86-1] ^	0.002	U	mg/L	1	0.002	0.10	1C15002	EPA 8270D	03/18/11 17:25	jfi	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*0.20*	*1*	*0.250*	*80 %*	*47-128*	*1C15002*	*EPA 8270D*	*03/18/11 17:25*	*jfi*	
2-Fluorobiphenyl	*0.19*	*1*	*0.250*	*75 %*	*44-102*	*1C15002*	*EPA 8270D*	*03/18/11 17:25*	*jfi*	
2-Fluorophenol	*0.097*	*1*	*0.250*	*39 %*	*25-79*	*1C15002*	*EPA 8270D*	*03/18/11 17:25*	*jfi*	
Nitrobenzene-d5	*0.17*	*1*	*0.250*	*68 %*	*43-112*	*1C15002*	*EPA 8270D*	*03/18/11 17:25*	*jfi*	
Phenol-d5	*0.066*	*1*	*0.250*	*26 %*	*14-54*	*1C15002*	*EPA 8270D*	*03/18/11 17:25*	*jfi*	
Terphenyl-d14	*0.29*	*1*	*0.250*	*115 %*	*65-122*	*1C15002*	*EPA 8270D*	*03/18/11 17:25*	*jfi*	

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Description: SP-11 STOCKPILE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-22
Sampled: 03/08/11 14:38
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids:

TCLP Pesticides by GC

^ - ENCO Orlando certified analyte [NC 424]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chlordane (tech) [12789-03-6] ^	0.000031	U	mg/L	1	0.000031	0.00025	1C15007	EPA 8081B	03/21/11 17:38	RC	
Endrin [72-20-8] ^	0.000019	U	mg/L	1	0.000019	0.00025	1C15007	EPA 8081B	03/21/11 17:38	RC	
gamma-BHC [58-89-9] ^	0.000030	U	mg/L	1	0.000030	0.00025	1C15007	EPA 8081B	03/21/11 17:38	RC	
Heptachlor [76-44-8] ^	0.000038	U	mg/L	1	0.000038	0.00025	1C15007	EPA 8081B	03/21/11 17:38	RC	
Heptachlor epoxide [1024-57-3] ^	0.000027	U	mg/L	1	0.000027	0.00025	1C15007	EPA 8081B	03/21/11 17:38	RC	
Methoxychlor [72-43-5] ^	0.000014	U	mg/L	1	0.000014	0.00025	1C15007	EPA 8081B	03/21/11 17:38	RC	
Toxaphene [8001-35-2] ^	0.000090	U	mg/L	1	0.000090	0.00025	1C15007	EPA 8081B	03/21/11 17:38	RC	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,5,6-TCMX	*0.0036*	*1*	*0.00500*	*73 %*	*38-142*	*1C15007*	*EPA 8081B*	*03/21/11 17:38*	*RC*	
Decachlorobiphenyl	*0.0038*	*1*	*0.00500*	*77 %*	*34-159*	*1C15007*	*EPA 8081B*	*03/21/11 17:38*	*RC*	

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Description: SP-11 STOCKPILE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-22
Sampled: 03/08/11 14:38
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids:

TCLP Herbicides by GC

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
2,4,5-TP (Silvex) [93-72-1]	0.0002	U	mg/L	1	0.0002	0.0005	1C15006	EPA 8151A	03/17/11 20:10	RGG	
2,4-D [94-75-7]	0.0002	U	mg/L	1	0.0002	0.0005	1C15006	EPA 8151A	03/17/11 20:10	RGG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4-DCAA	*0.0096*	*1*	*0.0100*	*96 %*	*68-139*	*1C15006*	*EPA 8151A*	*03/17/11 20:10*	*RGG*	

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Description: SP-11 STOCKPILE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-22
Sampled: 03/08/11 14:38
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids:

TCLP Metals by 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NC 424]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	0.205	UD	mg/L	10	0.205	25.0	1C14029	EPA 6020A	03/17/11 16:02	JMA	
Barium [7440-39-3] ^	0.850	UD	mg/L	10	0.850	250	1C14029	EPA 6020A	03/17/11 16:02	JMA	
Cadmium [7440-43-9] ^	0.0550	UD	mg/L	10	0.0550	7.50	1C14029	EPA 6020A	03/17/11 16:02	JMA	
Chromium [7440-47-3] ^	0.225	UD	mg/L	10	0.225	25.0	1C14029	EPA 6020A	03/17/11 16:02	JMA	
Lead [7439-92-1] ^	**0.627**	JD	mg/L	10	0.0800	12.5	1C14029	EPA 6020A	03/17/11 16:02	JMA	
Mercury [7439-97-6] ^	0.0001	U	mg/L	1	0.0001	0.002	1C14012	EPA 7470A	03/18/11 09:36	JAY	
Selenium [7782-49-2] ^	0.265	UD	mg/L	10	0.265	25.0	1C14029	EPA 6020A	03/17/11 16:02	JMA	
Silver [7440-22-4] ^	0.0145	UD	mg/L	10	0.0145	2.50	1C14029	EPA 6020A	03/17/11 16:02	JMA	

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Description: SP-11 STOCKPILE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-22
Sampled: 03/08/11 14:38
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids:

TCLP Volatile Organics by GCMS

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1-Dichloroethene [75-35-4] ^	0.0210	UD	mg/L	100	0.0210	0.100	1C16023	EPA 8260B	03/17/11 08:18	GMB	QV-01
1,2-Dichloroethane [107-06-2] ^	0.0280	UD	mg/L	100	0.0280	0.100	1C16023	EPA 8260B	03/17/11 08:18	GMB	
2-Butanone [78-93-3] ^	0.0380	UD	mg/L	100	0.0380	0.500	1C16023	EPA 8260B	03/17/11 08:18	GMB	
Benzene [71-43-2] ^	0.0270	UD	mg/L	100	0.0270	0.100	1C16023	EPA 8260B	03/17/11 08:18	GMB	
Carbon Tetrachloride [56-23-5] ^	0.0200	UD	mg/L	100	0.0200	0.100	1C16023	EPA 8260B	03/17/11 08:18	GMB	
Chlorobenzene [108-90-7] ^	0.0240	UD	mg/L	100	0.0240	0.100	1C16023	EPA 8260B	03/17/11 08:18	GMB	
Chloroform [67-66-3] ^	0.0210	UD	mg/L	100	0.0210	0.100	1C16023	EPA 8260B	03/17/11 08:18	GMB	
Tetrachloroethene [127-18-4] ^	0.0210	UD	mg/L	100	0.0210	0.100	1C16023	EPA 8260B	03/17/11 08:18	GMB	
Trichloroethene [79-01-6] ^	0.0240	UD	mg/L	100	0.0240	0.100	1C16023	EPA 8260B	03/17/11 08:18	GMB	
Vinyl chloride [75-01-4] ^	0.0330	UD	mg/L	100	0.0330	0.100	1C16023	EPA 8260B	03/17/11 08:18	GMB	QV-01

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*0.0403*	*1*	*0.0500*	*81 %*	*62-132*	*1C16023*	*EPA 8260B*	*03/17/11 08:18*	*GMB*	
Dibromofluoromethane	*0.0473*	*1*	*0.0500*	*95 %*	*73-134*	*1C16023*	*EPA 8260B*	*03/17/11 08:18*	*GMB*	
Toluene-d8	*0.0512*	*1*	*0.0500*	*102 %*	*66-138*	*1C16023*	*EPA 8260B*	*03/17/11 08:18*	*GMB*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SP-6 STOCKPILE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-23
Sampled: 03/08/11 16:15
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids:

TCLP Semivolatile Organics by GCMS

^ - ENCO Orlando certified analyte [NC 424]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,4-Dichlorobenzene [106-46-7] ^	0.002	U	mg/L	1	0.002	0.10	1C15002	EPA 8270D	03/18/11 17:54	jfl	
2,4,5-Trichlorophenol [95-95-4] ^	0.002	U	mg/L	1	0.002	0.10	1C15002	EPA 8270D	03/18/11 17:54	jfl	
2,4,6-Trichlorophenol [88-06-2] ^	0.003	U	mg/L	1	0.003	0.10	1C15002	EPA 8270D	03/18/11 17:54	jfl	
2,4-Dinitrotoluene [121-14-2] ^	0.002	U	mg/L	1	0.002	0.10	1C15002	EPA 8270D	03/18/11 17:54	jfl	
2-Methylphenol [95-48-7] ^	0.002	U	mg/L	1	0.002	0.10	1C15002	EPA 8270D	03/18/11 17:54	jfl	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.004	U	mg/L	1	0.004	0.10	1C15002	EPA 8270D	03/18/11 17:54	jfl	
Hexachlorobenzene [118-74-1] ^	0.001	U	mg/L	1	0.001	0.10	1C15002	EPA 8270D	03/18/11 17:54	jfl	
Hexachlorobutadiene [87-68-3] ^	0.001	U	mg/L	1	0.001	0.10	1C15002	EPA 8270D	03/18/11 17:54	jfl	
Hexachloroethane [67-72-1] ^	0.002	U	mg/L	1	0.002	0.10	1C15002	EPA 8270D	03/18/11 17:54	jfl	
Nitrobenzene [98-95-3] ^	0.003	U	mg/L	1	0.003	0.10	1C15002	EPA 8270D	03/18/11 17:54	jfl	
Pentachlorophenol [87-86-5] ^	0.004	U	mg/L	1	0.004	0.10	1C15002	EPA 8270D	03/18/11 17:54	jfl	
Pyridine [110-86-1] ^	0.002	U	mg/L	1	0.002	0.10	1C15002	EPA 8270D	03/18/11 17:54	jfl	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*0.17*	*1*	*0.250*	*67 %*	*47-128*	*1C15002*	*EPA 8270D*	*03/18/11 17:54*	*jfl*	
2-Fluorobiphenyl	*0.15*	*1*	*0.250*	*60 %*	*44-102*	*1C15002*	*EPA 8270D*	*03/18/11 17:54*	*jfl*	
2-Fluorophenol	*0.078*	*1*	*0.250*	*31 %*	*25-79*	*1C15002*	*EPA 8270D*	*03/18/11 17:54*	*jfl*	
Nitrobenzene-d5	*0.14*	*1*	*0.250*	*56 %*	*43-112*	*1C15002*	*EPA 8270D*	*03/18/11 17:54*	*jfl*	
Phenol-d5	*0.053*	*1*	*0.250*	*21 %*	*14-54*	*1C15002*	*EPA 8270D*	*03/18/11 17:54*	*jfl*	
Terphenyl-d14	*0.23*	*1*	*0.250*	*94 %*	*65-122*	*1C15002*	*EPA 8270D*	*03/18/11 17:54*	*jfl*	

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Description: SP-6 STOCKPILE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-23
Sampled: 03/08/11 16:15
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids:

TCLP Pesticides by GC

^ - ENCO Orlando certified analyte [NC 424]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chlordane (tech) [12789-03-6] ^	0.000031	U	mg/L	1	0.000031	0.00025	1C15007	EPA 8081B	03/21/11 17:51	RC	
Endrin [72-20-8] ^	0.000019	U	mg/L	1	0.000019	0.00025	1C15007	EPA 8081B	03/21/11 17:51	RC	
gamma-BHC [58-89-9] ^	0.000030	U	mg/L	1	0.000030	0.00025	1C15007	EPA 8081B	03/21/11 17:51	RC	
Heptachlor [76-44-8] ^	0.000038	U	mg/L	1	0.000038	0.00025	1C15007	EPA 8081B	03/21/11 17:51	RC	
Heptachlor epoxide [1024-57-3] ^	0.000027	U	mg/L	1	0.000027	0.00025	1C15007	EPA 8081B	03/21/11 17:51	RC	
Methoxychlor [72-43-5] ^	0.000014	U	mg/L	1	0.000014	0.00025	1C15007	EPA 8081B	03/21/11 17:51	RC	
Toxaphene [8001-35-2] ^	0.000090	U	mg/L	1	0.000090	0.00025	1C15007	EPA 8081B	03/21/11 17:51	RC	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,5,6-TCMX	*0.0030*	*1*	*0.00500*	*61 %*	*38-142*	*1C15007*	*EPA 8081B*	*03/21/11 17:51*	*RC*	
Decachlorobiphenyl	*0.0040*	*1*	*0.00500*	*80 %*	*34-159*	*1C15007*	*EPA 8081B*	*03/21/11 17:51*	*RC*	

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Description: SP-6 STOCKPILE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-23
Sampled: 03/08/11 16:15
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids:

TCLP Herbicides by GC

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
2,4,5-TP (Silvex) [93-72-1]	0.0002	U	mg/L	1	0.0002	0.0005	1C15006	EPA 8151A	03/17/11 20:34	RGG	
2,4-D [94-75-7]	0.0002	U	mg/L	1	0.0002	0.0005	1C15006	EPA 8151A	03/17/11 20:34	RGG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4-DCAA	*0.0082*	*1*	*0.0100*	*82 %*	*68-139*	*1C15006*	*EPA 8151A*	*03/17/11 20:34*	*RGG*	

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Description: SP-6 STOCKPILE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-23
Sampled: 03/08/11 16:15
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids:

TCLP Metals by 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NC 424]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	0.205	UD	mg/L	10	0.205	25.0	1C14029	EPA 6020A	03/17/11 16:16	JMA	
Barium [7440-39-3] ^	0.850	UD	mg/L	10	0.850	250	1C14029	EPA 6020A	03/17/11 16:16	JMA	
Cadmium [7440-43-9] ^	0.0550	UD	mg/L	10	0.0550	7.50	1C14029	EPA 6020A	03/17/11 16:16	JMA	
Chromium [7440-47-3] ^	0.225	UD	mg/L	10	0.225	25.0	1C14029	EPA 6020A	03/17/11 16:16	JMA	
Lead [7439-92-1] ^	0.0800	UD	mg/L	10	0.0800	12.5	1C14029	EPA 6020A	03/17/11 16:16	JMA	
Mercury [7439-97-6] ^	0.0001	U	mg/L	1	0.0001	0.002	1C14012	EPA 7470A	03/18/11 09:39	JAY	
Selenium [7782-49-2] ^	0.265	UD	mg/L	10	0.265	25.0	1C14029	EPA 6020A	03/17/11 16:16	JMA	
Silver [7440-22-4] ^	0.0145	UD	mg/L	10	0.0145	2.50	1C14029	EPA 6020A	03/17/11 16:16	JMA	

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Description: SP-6 STOCKPILE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-23
Sampled: 03/08/11 16:15
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids:

TCLP Volatile Organics by GCMS

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1-Dichloroethene [75-35-4] ^	0.0210	UD	mg/L	100	0.0210	0.100	1C16023	EPA 8260B	03/17/11 09:52	GMB	QV-01
1,2-Dichloroethane [107-06-2] ^	0.0280	UD	mg/L	100	0.0280	0.100	1C16023	EPA 8260B	03/17/11 09:52	GMB	
2-Butanone [78-93-3] ^	0.0380	UD	mg/L	100	0.0380	0.500	1C16023	EPA 8260B	03/17/11 09:52	GMB	
Benzene [71-43-2] ^	0.0270	UD	mg/L	100	0.0270	0.100	1C16023	EPA 8260B	03/17/11 09:52	GMB	
Carbon Tetrachloride [56-23-5] ^	0.0200	UD	mg/L	100	0.0200	0.100	1C16023	EPA 8260B	03/17/11 09:52	GMB	
Chlorobenzene [108-90-7] ^	0.0240	UD	mg/L	100	0.0240	0.100	1C16023	EPA 8260B	03/17/11 09:52	GMB	
Chloroform [67-66-3] ^	0.0210	UD	mg/L	100	0.0210	0.100	1C16023	EPA 8260B	03/17/11 09:52	GMB	
Tetrachloroethene [127-18-4] ^	0.0210	UD	mg/L	100	0.0210	0.100	1C16023	EPA 8260B	03/17/11 09:52	GMB	
Trichloroethene [79-01-6] ^	0.0240	UD	mg/L	100	0.0240	0.100	1C16023	EPA 8260B	03/17/11 09:52	GMB	
Vinyl chloride [75-01-4] ^	0.0330	UD	mg/L	100	0.0330	0.100	1C16023	EPA 8260B	03/17/11 09:52	GMB	QV-01

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*0.0437*	*1*	*0.0500*	*87 %*	*62-132*	*1C16023*	*EPA 8260B*	*03/17/11 09:52*	*GMB*	
Dibromofluoromethane	*0.0494*	*1*	*0.0500*	*99 %*	*73-134*	*1C16023*	*EPA 8260B*	*03/17/11 09:52*	*GMB*	
Toluene-d8	*0.0503*	*1*	*0.0500*	*101 %*	*66-138*	*1C16023*	*EPA 8260B*	*03/17/11 09:52*	*GMB*	

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Description: SP-1 STOCKPILE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-24
Sampled: 03/09/11 09:00
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids:

TCLP Semivolatile Organics by GCMS

^ - ENCO Orlando certified analyte [NC 424]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,4-Dichlorobenzene [106-46-7] ^	0.002	U	mg/L	1	0.002	0.10	1C15002	EPA 8270D	03/18/11 18:22	jfl	
2,4,5-Trichlorophenol [95-95-4] ^	0.002	U	mg/L	1	0.002	0.10	1C15002	EPA 8270D	03/18/11 18:22	jfl	
2,4,6-Trichlorophenol [88-06-2] ^	0.003	U	mg/L	1	0.003	0.10	1C15002	EPA 8270D	03/18/11 18:22	jfl	
2,4-Dinitrotoluene [121-14-2] ^	0.002	U	mg/L	1	0.002	0.10	1C15002	EPA 8270D	03/18/11 18:22	jfl	
2-Methylphenol [95-48-7] ^	0.002	U	mg/L	1	0.002	0.10	1C15002	EPA 8270D	03/18/11 18:22	jfl	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.004	U	mg/L	1	0.004	0.10	1C15002	EPA 8270D	03/18/11 18:22	jfl	
Hexachlorobenzene [118-74-1] ^	0.001	U	mg/L	1	0.001	0.10	1C15002	EPA 8270D	03/18/11 18:22	jfl	
Hexachlorobutadiene [87-68-3] ^	0.001	U	mg/L	1	0.001	0.10	1C15002	EPA 8270D	03/18/11 18:22	jfl	
Hexachloroethane [67-72-1] ^	0.002	U	mg/L	1	0.002	0.10	1C15002	EPA 8270D	03/18/11 18:22	jfl	
Nitrobenzene [98-95-3] ^	0.003	U	mg/L	1	0.003	0.10	1C15002	EPA 8270D	03/18/11 18:22	jfl	
Pentachlorophenol [87-86-5] ^	0.004	U	mg/L	1	0.004	0.10	1C15002	EPA 8270D	03/18/11 18:22	jfl	
Pyridine [110-86-1] ^	0.002	U	mg/L	1	0.002	0.10	1C15002	EPA 8270D	03/18/11 18:22	jfl	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*0.25*	*1*	*0.250*	*101 %*	*47-128*	*1C15002*	*EPA 8270D*	*03/18/11 18:22*	*jfl*	
2-Fluorobiphenyl	*0.23*	*1*	*0.250*	*94 %*	*44-102*	*1C15002*	*EPA 8270D*	*03/18/11 18:22*	*jfl*	
2-Fluorophenol	*0.12*	*1*	*0.250*	*49 %*	*25-79*	*1C15002*	*EPA 8270D*	*03/18/11 18:22*	*jfl*	
Nitrobenzene-d5	*0.22*	*1*	*0.250*	*86 %*	*43-112*	*1C15002*	*EPA 8270D*	*03/18/11 18:22*	*jfl*	
Phenol-d5	*0.082*	*1*	*0.250*	*33 %*	*14-54*	*1C15002*	*EPA 8270D*	*03/18/11 18:22*	*jfl*	
Terphenyl-d14	*0.26*	*1*	*0.250*	*105 %*	*65-122*	*1C15002*	*EPA 8270D*	*03/18/11 18:22*	*jfl*	

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Description: SP-1 STOCKPILE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-24
Sampled: 03/09/11 09:00
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids:

TCLP Pesticides by GC

^ - ENCO Orlando certified analyte [NC 424]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chlordane (tech) [12789-03-6] ^	0.000031	U	mg/L	1	0.000031	0.00025	1C23012	EPA 8081B	03/23/11 14:03	RC	
Endrin [72-20-8] ^	0.000019	U	mg/L	1	0.000019	0.00025	1C23012	EPA 8081B	03/23/11 14:03	RC	
gamma-BHC [58-89-9] ^	0.000030	U	mg/L	1	0.000030	0.00025	1C23012	EPA 8081B	03/23/11 14:03	RC	
Heptachlor [76-44-8] ^	0.000038	U	mg/L	1	0.000038	0.00025	1C23012	EPA 8081B	03/23/11 14:03	RC	
Heptachlor epoxide [1024-57-3] ^	0.000027	U	mg/L	1	0.000027	0.00025	1C23012	EPA 8081B	03/23/11 14:03	RC	
Methoxychlor [72-43-5] ^	0.000014	U	mg/L	1	0.000014	0.00025	1C23012	EPA 8081B	03/23/11 14:03	RC	
Toxaphene [8001-35-2] ^	0.000090	U	mg/L	1	0.000090	0.00025	1C23012	EPA 8081B	03/23/11 14:03	RC	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,5,6-TCMX	*0.0034*	*1*	*0.00500*	*69 %*	*38-142*	*1C23012*	*EPA 8081B*	*03/23/11 14:03*	*RC*	
Decachlorobiphenyl	*0.0056*	*1*	*0.00500*	*111 %*	*34-159*	*1C23012*	*EPA 8081B*	*03/23/11 14:03*	*RC*	

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Description: SP-1 STOCKPILE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-24
Sampled: 03/09/11 09:00
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids:

TCLP Herbicides by GC

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
2,4,5-TP (Silvex) [93-72-1]	0.0002	U	mg/L	1	0.0002	0.0005	1C15006	EPA 8151A	03/17/11 20:58	RGG	
2,4-D [94-75-7]	0.0002	U	mg/L	1	0.0002	0.0005	1C15006	EPA 8151A	03/17/11 20:58	RGG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4-DCAA	*0.0096*	*1*	*0.0100*	*96 %*	*68-139*	*1C15006*	*EPA 8151A*	*03/17/11 20:58*	*RGG*	

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Description: SP-1 STOCKPILE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-24
Sampled: 03/09/11 09:00
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids:

TCLP Metals by 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NC 424]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	0.205	UD	mg/L	10	0.205	25.0	1C14029	EPA 6020A	03/17/11 16:23	JMA	
Barium [7440-39-3] ^	0.850	UD	mg/L	10	0.850	250	1C14029	EPA 6020A	03/17/11 16:23	JMA	
Cadmium [7440-43-9] ^	0.0550	UD	mg/L	10	0.0550	7.50	1C14029	EPA 6020A	03/17/11 16:23	JMA	
Chromium [7440-47-3] ^	0.225	UD	mg/L	10	0.225	25.0	1C14029	EPA 6020A	03/17/11 16:23	JMA	
Lead [7439-92-1] ^	0.0800	UD	mg/L	10	0.0800	12.5	1C14029	EPA 6020A	03/17/11 16:23	JMA	
Mercury [7439-97-6] ^	0.0001	U	mg/L	1	0.0001	0.002	1C14012	EPA 7470A	03/18/11 09:43	JAY	
Selenium [7782-49-2] ^	0.265	UD	mg/L	10	0.265	25.0	1C14029	EPA 6020A	03/17/11 16:23	JMA	
Silver [7440-22-4] ^	0.0145	UD	mg/L	10	0.0145	2.50	1C14029	EPA 6020A	03/17/11 16:23	JMA	

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Description: SP-1 STOCKPILE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-24
Sampled: 03/09/11 09:00
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids:

TCLP Volatile Organics by GCMS

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1-Dichloroethene [75-35-4] ^	0.0210	U	mg/L	1	0.0210	0.100	1C21006	EPA 8260B	03/21/11 14:23	GMB	
1,2-Dichloroethane [107-06-2] ^	0.0280	U	mg/L	1	0.0280	0.100	1C21006	EPA 8260B	03/21/11 14:23	GMB	
2-Butanone [78-93-3] ^	0.0380	U	mg/L	1	0.0380	0.500	1C21006	EPA 8260B	03/21/11 14:23	GMB	
Benzene [71-43-2] ^	0.0270	U	mg/L	1	0.0270	0.100	1C21006	EPA 8260B	03/21/11 14:23	GMB	
Carbon Tetrachloride [56-23-5] ^	0.0200	U	mg/L	1	0.0200	0.100	1C21006	EPA 8260B	03/21/11 14:23	GMB	
Chlorobenzene [108-90-7] ^	0.0240	U	mg/L	1	0.0240	0.100	1C21006	EPA 8260B	03/21/11 14:23	GMB	
Chloroform [67-66-3] ^	0.0210	U	mg/L	1	0.0210	0.100	1C21006	EPA 8260B	03/21/11 14:23	GMB	
Tetrachloroethene [127-18-4] ^	0.0210	U	mg/L	1	0.0210	0.100	1C21006	EPA 8260B	03/21/11 14:23	GMB	
Trichloroethene [79-01-6] ^	0.0240	U	mg/L	1	0.0240	0.100	1C21006	EPA 8260B	03/21/11 14:23	GMB	
Vinyl chloride [75-01-4] ^	0.0330	U	mg/L	1	0.0330	0.100	1C21006	EPA 8260B	03/21/11 14:23	GMB	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*4.61*	*1*	*5.00*	*92 %*	*62-132*	*1C21006*	*EPA 8260B*	*03/21/11 14:23*	*GMB*	
Dibromofluoromethane	*4.41*	*1*	*5.00*	*88 %*	*73-134*	*1C21006*	*EPA 8260B*	*03/21/11 14:23*	*GMB*	
Toluene-d8	*5.38*	*1*	*5.00*	*108 %*	*66-138*	*1C21006*	*EPA 8260B*	*03/21/11 14:23*	*GMB*	

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QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 1C12002 - EPA 5035_MS

Blank (1C12002-BLK1) Prepared: 03/12/2011 09:05 Analyzed: 03/12/2011 10:59

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.00016	U	0.0010	mg/kg wet							
1,1,1-Trichloroethane	0.00018	U	0.0010	mg/kg wet							
1,1,2,2-Tetrachloroethane	0.00020	U	0.0010	mg/kg wet							
1,1,2-Trichloroethane	0.00023	U	0.0010	mg/kg wet							
1,1-Dichloroethane	0.00025	U	0.0010	mg/kg wet							
1,1-Dichloroethene	0.00030	U	0.0010	mg/kg wet							
1,1-Dichloropropene	0.00032	U	0.0010	mg/kg wet							
1,2,3-Trichlorobenzene	0.00021	U	0.0010	mg/kg wet							
1,2,3-Trichloropropane	0.00034	U	0.0010	mg/kg wet							
1,2,4-Trichlorobenzene	0.00027	U	0.0010	mg/kg wet							
1,2,4-Trimethylbenzene	0.00017	U	0.0010	mg/kg wet							
1,2-Dibromo-3-chloropropane	0.00079	U	0.0010	mg/kg wet							
1,2-Dibromoethane	0.00046	U	0.0010	mg/kg wet							
1,2-Dichlorobenzene	0.00027	U	0.0010	mg/kg wet							
1,2-Dichloroethane	0.00038	U	0.0010	mg/kg wet							
1,2-Dichloropropane	0.00026	U	0.0010	mg/kg wet							
1,3,5-Trimethylbenzene	0.00020	U	0.0010	mg/kg wet							
1,3-Dichlorobenzene	0.00022	U	0.0010	mg/kg wet							
1,3-Dichloropropane	0.00029	U	0.0010	mg/kg wet							
1,4-Dichlorobenzene	0.00020	U	0.0010	mg/kg wet							
2,2-Dichloropropane	0.00023	U	0.0010	mg/kg wet							
2-Butanone	0.00078	U	0.0050	mg/kg wet							
2-Chloroethyl Vinyl Ether	0.00049	U	0.0050	mg/kg wet							
2-Chlorotoluene	0.00018	U	0.0010	mg/kg wet							
2-Hexanone	0.00075	U	0.0050	mg/kg wet							
4-Chlorotoluene	0.00026	U	0.0010	mg/kg wet							
4-Isopropyltoluene	0.00016	U	0.0010	mg/kg wet							
4-Methyl-2-pentanone	0.00057	U	0.0050	mg/kg wet							
Acetone	0.0012	U	0.0050	mg/kg wet							
Benzene	0.00017	U	0.0010	mg/kg wet							
Bromobenzene	0.00022	U	0.0010	mg/kg wet							
Bromochloromethane	0.00041	U	0.0010	mg/kg wet							
Bromodichloromethane	0.00024	U	0.0010	mg/kg wet							
Bromoform	0.00045	U	0.0010	mg/kg wet							
Bromomethane	0.00023	U	0.0010	mg/kg wet							
Carbon disulfide	0.00039	U	0.0050	mg/kg wet							
Carbon Tetrachloride	0.00022	U	0.0010	mg/kg wet							
Chlorobenzene	0.00017	U	0.0010	mg/kg wet							
Chloroethane	0.00025	U	0.0010	mg/kg wet							
Chloroform	0.00017	U	0.0010	mg/kg wet							
Chloromethane	0.00015	U	0.0010	mg/kg wet							
cis-1,2-Dichloroethene	0.00023	U	0.0010	mg/kg wet							
cis-1,3-Dichloropropene	0.00013	U	0.0010	mg/kg wet							
Dibromochloromethane	0.00035	U	0.0010	mg/kg wet							
Dibromomethane	0.00031	U	0.0010	mg/kg wet							
Dichlorodifluoromethane	0.00045	U	0.0010	mg/kg wet							
Ethylbenzene	0.00020	U	0.0010	mg/kg wet							
Hexachlorobutadiene	0.00035	U	0.0010	mg/kg wet							
Isopropylbenzene	0.00015	U	0.0010	mg/kg wet							

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 1C12002 - EPA 5035_MS

Blank (1C12002-BLK1) Continued Prepared: 03/12/2011 09:05 Analyzed: 03/12/2011 10:59

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
m,p-Xylenes	0.00037	U	0.0020	mg/kg wet							
Methylene Chloride	0.00056	U	0.0020	mg/kg wet							
Methyl-tert-Butyl Ether	0.00030	U	0.0010	mg/kg wet							
Naphthalene	0.00024	U	0.0010	mg/kg wet							
n-Butyl Benzene	0.00022	U	0.0010	mg/kg wet							
n-Propyl Benzene	0.00018	U	0.0010	mg/kg wet							
o-Xylene	0.00022	U	0.0010	mg/kg wet							
sec-Butylbenzene	0.00022	U	0.0010	mg/kg wet							
Styrene	0.00017	U	0.0010	mg/kg wet							
tert-Butylbenzene	0.00016	U	0.0010	mg/kg wet							
Tetrachloroethene	0.00028	U	0.0010	mg/kg wet							
Toluene	0.00020	U	0.0010	mg/kg wet							
trans-1,2-Dichloroethene	0.00037	U	0.0010	mg/kg wet							
trans-1,3-Dichloropropene	0.00039	U	0.0010	mg/kg wet							
Trichloroethene	0.00027	U	0.0010	mg/kg wet							
Trichlorofluoromethane	0.00026	U	0.0010	mg/kg wet							
Vinyl chloride	0.00024	U	0.0010	mg/kg wet							
Xylenes (Total)	0.00056	U	0.0030	mg/kg wet							
Surrogate: 4-Bromofluorobenzene	*44*			*ug/L*	*50.0*		*89*	*61-118*			
Surrogate: Dibromofluoromethane	*46*			*ug/L*	*50.0*		*91*	*66-114*			
Surrogate: Toluene-d8	*48*			*ug/L*	*50.0*		*96*	*63-118*			

LCS (1C12002-BS1) Prepared: 03/12/2011 09:05 Analyzed: 03/12/2011 11:28

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	22		1.0	ug/L	20.0		110	64-133			
Benzene	20		1.0	ug/L	20.0		102	79-129			
Chlorobenzene	20		1.0	ug/L	20.0		100	79-121			
Toluene	20		1.0	ug/L	20.0		98	77-120			
Trichloroethene	19		1.0	ug/L	20.0		97	78-118			
Surrogate: 4-Bromofluorobenzene	*46*			*ug/L*	*50.0*		*92*	*61-118*			
Surrogate: Dibromofluoromethane	*47*			*ug/L*	*50.0*		*93*	*66-114*			
Surrogate: Toluene-d8	*47*			*ug/L*	*50.0*		*95*	*63-118*			

Matrix Spike (1C12002-MS1) Prepared: 03/12/2011 09:05 Analyzed: 03/12/2011 11:57

Source: C102873-05

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	21		1.0	ug/L	20.0	0.30 U	103	64-133			
Benzene	19		1.0	ug/L	20.0	0.17 U	97	79-129			
Chlorobenzene	20		1.0	ug/L	20.0	0.17 U	98	79-121			
Toluene	19		1.0	ug/L	20.0	0.24 U	96	77-120			
Trichloroethene	19		1.0	ug/L	20.0	0.32 U	94	78-118			
Surrogate: 4-Bromofluorobenzene	*45*			*ug/L*	*50.0*		*90*	*61-118*			
Surrogate: Dibromofluoromethane	*46*			*ug/L*	*50.0*		*91*	*66-114*			
Surrogate: Toluene-d8	*48*			*ug/L*	*50.0*		*95*	*63-118*			

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 1C12002 - EPA 5035_MS

Matrix Spike Dup (1C12002-MSD1) Prepared: 03/12/2011 09:05 Analyzed: 03/12/2011 12:26

Source: C102873-05

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	21		1.0	ug/L	20.0	0.30 U	107	64-133	4	23	
Benzene	20		1.0	ug/L	20.0	0.17 U	99	79-129	2	23	
Chlorobenzene	19		1.0	ug/L	20.0	0.17 U	96	79-121	2	25	
Toluene	19		1.0	ug/L	20.0	0.24 U	93	77-120	3	23	
Trichloroethene	19		1.0	ug/L	20.0	0.32 U	94	78-118	0.4	24	
Surrogate: 4-Bromofluorobenzene	*45*			*ug/L*	*50.0*		*90*	*61-118*			
Surrogate: Dibromofluoromethane	*47*			*ug/L*	*50.0*		*93*	*66-114*			
Surrogate: Toluene-d8	*48*			*ug/L*	*50.0*		*96*	*63-118*			

Batch 1C14027 - EPA 5035_MS

Blank (1C14027-BLK1) Prepared: 03/14/2011 15:27 Analyzed: 03/14/2011 18:02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.00016	U	0.0010	mg/kg wet							
1,1,1-Trichloroethane	0.00018	U	0.0010	mg/kg wet							
1,1,2,2-Tetrachloroethane	0.00020	U	0.0010	mg/kg wet							
1,1,2-Trichloroethane	0.00023	U	0.0010	mg/kg wet							
1,1-Dichloroethane	0.00025	U	0.0010	mg/kg wet							
1,1-Dichloroethene	0.00030	U	0.0010	mg/kg wet							
1,1-Dichloropropene	0.00032	U	0.0010	mg/kg wet							
1,2,3-Trichlorobenzene	0.00021	U	0.0010	mg/kg wet							
1,2,3-Trichloropropane	0.00034	U	0.0010	mg/kg wet							
1,2,4-Trichlorobenzene	0.00027	U	0.0010	mg/kg wet							
1,2,4-Trimethylbenzene	0.00017	U	0.0010	mg/kg wet							
1,2-Dibromo-3-chloropropane	0.00079	U	0.0010	mg/kg wet							
1,2-Dibromoethane	0.00046	U	0.0010	mg/kg wet							
1,2-Dichlorobenzene	0.00027	U	0.0010	mg/kg wet							
1,2-Dichloroethane	0.00038	U	0.0010	mg/kg wet							
1,2-Dichloropropane	0.00026	U	0.0010	mg/kg wet							
1,3,5-Trimethylbenzene	0.00020	U	0.0010	mg/kg wet							
1,3-Dichlorobenzene	0.00022	U	0.0010	mg/kg wet							
1,3-Dichloropropane	0.00029	U	0.0010	mg/kg wet							
1,4-Dichlorobenzene	0.00020	U	0.0010	mg/kg wet							
2,2-Dichloropropane	0.00023	U	0.0010	mg/kg wet							
2-Butanone	0.00078	U	0.0050	mg/kg wet							
2-Chloroethyl Vinyl Ether	0.00049	U	0.0050	mg/kg wet							
2-Chlorotoluene	0.00018	U	0.0010	mg/kg wet							
2-Hexanone	0.00075	U	0.0050	mg/kg wet							
4-Chlorotoluene	0.00026	U	0.0010	mg/kg wet							
4-Isopropyltoluene	0.00016	U	0.0010	mg/kg wet							
4-Methyl-2-pentanone	0.00057	U	0.0050	mg/kg wet							
Acetone	0.0012	U	0.0050	mg/kg wet							
Benzene	0.00017	U	0.0010	mg/kg wet							
Bromobenzene	0.00022	U	0.0010	mg/kg wet							
Bromochloromethane	0.00041	U	0.0010	mg/kg wet							
Bromodichloromethane	0.00024	U	0.0010	mg/kg wet							

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 1C14027 - EPA 5035_MS

Blank (1C14027-BLK1) Continued Prepared: 03/14/2011 15:27 Analyzed: 03/14/2011 18:02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Bromoform	0.00045	U	0.0010	mg/kg wet							
Bromomethane	0.00023	U	0.0010	mg/kg wet							
Carbon disulfide	0.00039	U	0.0050	mg/kg wet							
Carbon Tetrachloride	0.00022	U	0.0010	mg/kg wet							
Chlorobenzene	0.00017	U	0.0010	mg/kg wet							
Chloroethane	0.00025	U	0.0010	mg/kg wet							
Chloroform	0.00017	U	0.0010	mg/kg wet							
Chloromethane	0.00015	U	0.0010	mg/kg wet							
cis-1,2-Dichloroethene	0.00023	U	0.0010	mg/kg wet							
cis-1,3-Dichloropropene	0.00013	U	0.0010	mg/kg wet							
Dibromochloromethane	0.00035	U	0.0010	mg/kg wet							
Dibromomethane	0.00031	U	0.0010	mg/kg wet							
Dichlorodifluoromethane	0.00045	U	0.0010	mg/kg wet							
Ethylbenzene	0.00020	U	0.0010	mg/kg wet							
Hexachlorobutadiene	0.00035	U	0.0010	mg/kg wet							
Isopropylbenzene	0.00015	U	0.0010	mg/kg wet							
m,p-Xylenes	0.00037	U	0.0020	mg/kg wet							
Methylene Chloride	0.00056	U	0.0020	mg/kg wet							
Methyl-tert-Butyl Ether	0.00030	U	0.0010	mg/kg wet							
Naphthalene	0.00024	U	0.0010	mg/kg wet							
n-Butyl Benzene	0.00022	U	0.0010	mg/kg wet							
n-Propyl Benzene	0.00018	U	0.0010	mg/kg wet							
o-Xylene	0.00022	U	0.0010	mg/kg wet							
sec-Butylbenzene	0.00022	U	0.0010	mg/kg wet							
Styrene	0.00017	U	0.0010	mg/kg wet							
tert-Butylbenzene	0.00016	U	0.0010	mg/kg wet							
Tetrachloroethene	0.00028	U	0.0010	mg/kg wet							
Toluene	0.00020	U	0.0010	mg/kg wet							
trans-1,2-Dichloroethene	0.00037	U	0.0010	mg/kg wet							
trans-1,3-Dichloropropene	0.00039	U	0.0010	mg/kg wet							
Trichloroethene	0.00027	U	0.0010	mg/kg wet							
Trichlorofluoromethane	0.00026	U	0.0010	mg/kg wet							
Vinyl chloride	0.00024	U	0.0010	mg/kg wet							
Xylenes (Total)	0.00056	U	0.0030	mg/kg wet							
Surrogate: 4-Bromofluorobenzene	*46*			*ug/L*	*50.0*		*91*	*61-118*			
Surrogate: Dibromofluoromethane	*42*			*ug/L*	*50.0*		*83*	*66-114*			
Surrogate: Toluene-d8	*46*			*ug/L*	*50.0*		*92*	*63-118*			

LCS (1C14027-BS1) Prepared: 03/14/2011 15:27 Analyzed: 03/14/2011 18:31

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	21		1.0	ug/L	20.0		103	64-133			
Benzene	20		1.0	ug/L	20.0		101	79-129			
Chlorobenzene	22		1.0	ug/L	20.0		108	79-121			
Toluene	21		1.0	ug/L	20.0		103	77-120			
Trichloroethene	21		1.0	ug/L	20.0		106	78-118			
Surrogate: 4-Bromofluorobenzene	*47*			*ug/L*	*50.0*		*95*	*61-118*			
Surrogate: Dibromofluoromethane	*42*			*ug/L*	*50.0*		*83*	*66-114*			

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 1C14027 - EPA 5035_MS

LCS (1C14027-BS1) Continued Prepared: 03/14/2011 15:27 Analyzed: 03/14/2011 18:31

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Surrogate: Toluene-d8	*46*			*ug/L*	*50.0*		*93*	*63-118*			

Matrix Spike (1C14027-MS1) Prepared: 03/14/2011 15:27 Analyzed: 03/14/2011 19:00

Source: C102873-06

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	21		1.0	ug/L	20.0	0.30 U	104	64-133			
Benzene	20		1.0	ug/L	20.0	0.17 U	102	79-129			
Chlorobenzene	22		1.0	ug/L	20.0	0.17 U	109	79-121			
Toluene	20		1.0	ug/L	20.0	0.24 U	102	77-120			
Trichloroethene	21		1.0	ug/L	20.0	0.32 U	103	78-118			
Surrogate: 4-Bromofluorobenzene	*47*			*ug/L*	*50.0*		*94*	*61-118*			
Surrogate: Dibromofluoromethane	*41*			*ug/L*	*50.0*		*83*	*66-114*			
Surrogate: Toluene-d8	*46*			*ug/L*	*50.0*		*92*	*63-118*			

Matrix Spike Dup (1C14027-MSD1) Prepared: 03/14/2011 15:27 Analyzed: 03/14/2011 19:28

Source: C102873-06

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	20		1.0	ug/L	20.0	0.30 U	101	64-133	3	23	
Benzene	20		1.0	ug/L	20.0	0.17 U	101	79-129	0.9	23	
Chlorobenzene	22		1.0	ug/L	20.0	0.17 U	108	79-121	0.8	25	
Toluene	21		1.0	ug/L	20.0	0.24 U	103	77-120	1	23	
Trichloroethene	21		1.0	ug/L	20.0	0.32 U	103	78-118	0.2	24	
Surrogate: 4-Bromofluorobenzene	*46*			*ug/L*	*50.0*		*93*	*61-118*			
Surrogate: Dibromofluoromethane	*42*			*ug/L*	*50.0*		*83*	*66-114*			
Surrogate: Toluene-d8	*47*			*ug/L*	*50.0*		*94*	*63-118*			

Batch 1C16039 - EPA 5035_MS

Blank (1C16039-BLK1) Prepared: 03/16/2011 15:09 Analyzed: 03/17/2011 04:23

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.00016	U	0.0010	mg/kg wet							
1,1,1-Trichloroethane	0.00018	U	0.0010	mg/kg wet							
1,1,2,2-Tetrachloroethane	0.00020	U	0.0010	mg/kg wet							
1,1,2-Trichloroethane	0.00023	U	0.0010	mg/kg wet							
1,1-Dichloroethane	0.00025	U	0.0010	mg/kg wet							
1,1-Dichloroethene	0.00030	U	0.0010	mg/kg wet							
1,1-Dichloropropene	0.00032	U	0.0010	mg/kg wet							
1,2,3-Trichlorobenzene	0.00021	U	0.0010	mg/kg wet							
1,2,3-Trichloropropane	0.00034	U	0.0010	mg/kg wet							
1,2,4-Trichlorobenzene	0.00027	U	0.0010	mg/kg wet							
1,2,4-Trimethylbenzene	0.00017	U	0.0010	mg/kg wet							
1,2-Dibromo-3-chloropropane	0.00079	U	0.0010	mg/kg wet							
1,2-Dibromoethane	0.00046	U	0.0010	mg/kg wet							
1,2-Dichlorobenzene	0.00027	U	0.0010	mg/kg wet							

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 1C16039 - EPA 5035_MS

Blank (1C16039-BLK1) Continued Prepared: 03/16/2011 15:09 Analyzed: 03/17/2011 04:23

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dichloroethane	0.00038	U	0.0010	mg/kg wet							
1,2-Dichloropropane	0.00026	U	0.0010	mg/kg wet							
1,3,5-Trimethylbenzene	0.00020	U	0.0010	mg/kg wet							
1,3-Dichlorobenzene	0.00022	U	0.0010	mg/kg wet							
1,3-Dichloropropane	0.00029	U	0.0010	mg/kg wet							
1,4-Dichlorobenzene	0.00020	U	0.0010	mg/kg wet							
2,2-Dichloropropane	0.00023	U	0.0010	mg/kg wet							
2-Butanone	0.00078	U	0.0050	mg/kg wet							
2-Chloroethyl Vinyl Ether	0.00049	U	0.0050	mg/kg wet							
2-Chlorotoluene	0.00018	U	0.0010	mg/kg wet							
2-Hexanone	0.00075	U	0.0050	mg/kg wet							
4-Chlorotoluene	0.00026	U	0.0010	mg/kg wet							
4-Isopropyltoluene	0.00016	U	0.0010	mg/kg wet							
4-Methyl-2-pentanone	0.00057	U	0.0050	mg/kg wet							
Acetone	0.0012	U	0.0050	mg/kg wet							
Benzene	0.00017	U	0.0010	mg/kg wet							
Bromobenzene	0.00022	U	0.0010	mg/kg wet							
Bromochloromethane	0.00041	U	0.0010	mg/kg wet							
Bromodichloromethane	0.00024	U	0.0010	mg/kg wet							
Bromoform	0.00045	U	0.0010	mg/kg wet							
Bromomethane	0.00023	U	0.0010	mg/kg wet							
Carbon disulfide	0.00039	U	0.0050	mg/kg wet							
Carbon Tetrachloride	0.00022	U	0.0010	mg/kg wet							
Chlorobenzene	0.00017	U	0.0010	mg/kg wet							
Chloroethane	0.00025	U	0.0010	mg/kg wet							
Chloroform	0.00017	U	0.0010	mg/kg wet							
Chloromethane	0.00015	U	0.0010	mg/kg wet							
cis-1,2-Dichloroethene	0.00023	U	0.0010	mg/kg wet							
cis-1,3-Dichloropropene	0.00013	U	0.0010	mg/kg wet							
Dibromochloromethane	0.00035	U	0.0010	mg/kg wet							
Dibromomethane	0.00031	U	0.0010	mg/kg wet							
Dichlorodifluoromethane	0.00045	U	0.0010	mg/kg wet							
Ethylbenzene	0.00020	U	0.0010	mg/kg wet							
Hexachlorobutadiene	0.00035	U	0.0010	mg/kg wet							
Isopropylbenzene	0.00015	U	0.0010	mg/kg wet							
m,p-Xylenes	0.00037	U	0.0020	mg/kg wet							
Methylene Chloride	0.00056	U	0.0020	mg/kg wet							
Methyl-tert-Butyl Ether	0.00030	U	0.0010	mg/kg wet							
Naphthalene	0.00024	U	0.0010	mg/kg wet							
n-Butyl Benzene	0.00022	U	0.0010	mg/kg wet							
n-Propyl Benzene	0.00018	U	0.0010	mg/kg wet							
o-Xylene	0.00022	U	0.0010	mg/kg wet							
sec-Butylbenzene	0.00022	U	0.0010	mg/kg wet							
Styrene	0.00017	U	0.0010	mg/kg wet							
tert-Butylbenzene	0.00016	U	0.0010	mg/kg wet							
Tetrachloroethene	0.00028	U	0.0010	mg/kg wet							
Toluene	0.00020	U	0.0010	mg/kg wet							
trans-1,2-Dichloroethene	0.00037	U	0.0010	mg/kg wet							
trans-1,3-Dichloropropene	0.00039	U	0.0010	mg/kg wet							

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 1C16039 - EPA 5035_MS

Blank (1C16039-BLK1) Continued Prepared: 03/16/2011 15:09 Analyzed: 03/17/2011 04:23

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Trichloroethene	0.00027	U	0.0010	mg/kg wet							
Trichlorofluoromethane	0.00026	U	0.0010	mg/kg wet							
Vinyl chloride	0.00024	U	0.0010	mg/kg wet							
Xylenes (Total)	0.00056	U	0.0030	mg/kg wet							
Surrogate: 4-Bromofluorobenzene	*42*			*ug/L*	*50.0*		*84*	*61-118*			
Surrogate: Dibromofluoromethane	*42*			*ug/L*	*50.0*		*84*	*66-114*			
Surrogate: Toluene-d8	*45*			*ug/L*	*50.0*		*90*	*63-118*			

LCS (1C16039-BS1) Prepared: 03/16/2011 15:09 Analyzed: 03/17/2011 04:52

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	19		1.0	ug/L	20.0		95	64-133			
Benzene	21		1.0	ug/L	20.0		107	79-129			
Chlorobenzene	22		1.0	ug/L	20.0		108	79-121			
Toluene	21		1.0	ug/L	20.0		107	77-120			
Trichloroethene	22		1.0	ug/L	20.0		111	78-118			
Surrogate: 4-Bromofluorobenzene	*44*			*ug/L*	*50.0*		*89*	*61-118*			
Surrogate: Dibromofluoromethane	*43*			*ug/L*	*50.0*		*86*	*66-114*			
Surrogate: Toluene-d8	*46*			*ug/L*	*50.0*		*92*	*63-118*			

Matrix Spike (1C16039-MS1) Prepared: 03/16/2011 15:09 Analyzed: 03/17/2011 05:20

Source: C102975-08

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	19		1.0	ug/L	20.0	0.30 U	93	64-133			
Benzene	21		1.0	ug/L	20.0	0.17 U	103	79-129			
Chlorobenzene	20		1.0	ug/L	20.0	0.17 U	102	79-121			
Toluene	20		1.0	ug/L	20.0	0.24 U	101	77-120			
Trichloroethene	21		1.0	ug/L	20.0	0.32 U	106	78-118			
Surrogate: 4-Bromofluorobenzene	*44*			*ug/L*	*50.0*		*87*	*61-118*			
Surrogate: Dibromofluoromethane	*42*			*ug/L*	*50.0*		*84*	*66-114*			
Surrogate: Toluene-d8	*45*			*ug/L*	*50.0*		*90*	*63-118*			

Matrix Spike Dup (1C16039-MSD1) Prepared: 03/16/2011 15:09 Analyzed: 03/17/2011 05:49

Source: C102975-08

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	18		1.0	ug/L	20.0	0.30 U	88	64-133	5	23	
Benzene	20		1.0	ug/L	20.0	0.17 U	99	79-129	4	23	
Chlorobenzene	20		1.0	ug/L	20.0	0.17 U	102	79-121	0.05	25	
Toluene	20		1.0	ug/L	20.0	0.24 U	101	77-120	0.4	23	
Trichloroethene	21		1.0	ug/L	20.0	0.32 U	103	78-118	4	24	
Surrogate: 4-Bromofluorobenzene	*43*			*ug/L*	*50.0*		*87*	*61-118*			
Surrogate: Dibromofluoromethane	*42*			*ug/L*	*50.0*		*85*	*66-114*			
Surrogate: Toluene-d8	*46*			*ug/L*	*50.0*		*91*	*63-118*			

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 1C17020 - EPA 5035_MS

Blank (1C17020-BLK1) Prepared: 03/17/2011 10:40 Analyzed: 03/17/2011 16:17

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.00016	U	0.0010	mg/kg wet							
1,1,1-Trichloroethane	0.00018	U	0.0010	mg/kg wet							
1,1,2,2-Tetrachloroethane	0.00020	U	0.0010	mg/kg wet							
1,1,2-Trichloroethane	0.00023	U	0.0010	mg/kg wet							
1,1-Dichloroethane	0.00025	U	0.0010	mg/kg wet							
1,1-Dichloroethene	0.00030	U	0.0010	mg/kg wet							
1,1-Dichloropropene	0.00032	U	0.0010	mg/kg wet							
1,2,3-Trichlorobenzene	0.00021	U	0.0010	mg/kg wet							
1,2,3-Trichloropropane	0.00034	U	0.0010	mg/kg wet							
1,2,4-Trichlorobenzene	0.00027	U	0.0010	mg/kg wet							
1,2,4-Trimethylbenzene	0.00017	U	0.0010	mg/kg wet							
1,2-Dibromo-3-chloropropane	0.00079	U	0.0010	mg/kg wet							
1,2-Dibromoethane	0.00046	U	0.0010	mg/kg wet							
1,2-Dichlorobenzene	0.00027	U	0.0010	mg/kg wet							
1,2-Dichloroethane	0.00038	U	0.0010	mg/kg wet							
1,2-Dichloropropane	0.00026	U	0.0010	mg/kg wet							
1,3,5-Trimethylbenzene	0.00020	U	0.0010	mg/kg wet							
1,3-Dichlorobenzene	0.00022	U	0.0010	mg/kg wet							
1,3-Dichloropropane	0.00029	U	0.0010	mg/kg wet							
1,4-Dichlorobenzene	0.00020	U	0.0010	mg/kg wet							
2,2-Dichloropropane	0.00023	U	0.0010	mg/kg wet							
2-Butanone	0.00078	U	0.0050	mg/kg wet							
2-Chloroethyl Vinyl Ether	0.00049	U	0.0050	mg/kg wet							
2-Chlorotoluene	0.00018	U	0.0010	mg/kg wet							
2-Hexanone	0.00075	U	0.0050	mg/kg wet							
4-Chlorotoluene	0.00026	U	0.0010	mg/kg wet							
4-Isopropyltoluene	0.00016	U	0.0010	mg/kg wet							
4-Methyl-2-pentanone	0.00057	U	0.0050	mg/kg wet							
Acetone	0.0012	U	0.0050	mg/kg wet							
Benzene	0.00017	U	0.0010	mg/kg wet							
Bromobenzene	0.00022	U	0.0010	mg/kg wet							
Bromochloromethane	0.00041	U	0.0010	mg/kg wet							
Bromodichloromethane	0.00024	U	0.0010	mg/kg wet							
Bromoform	0.00045	U	0.0010	mg/kg wet							
Bromomethane	0.00023	U	0.0010	mg/kg wet							
Carbon disulfide	0.00039	U	0.0050	mg/kg wet							
Carbon Tetrachloride	0.00022	U	0.0010	mg/kg wet							
Chlorobenzene	0.00017	U	0.0010	mg/kg wet							
Chloroethane	0.00025	U	0.0010	mg/kg wet							
Chloroform	0.00017	U	0.0010	mg/kg wet							
Chloromethane	0.00015	U	0.0010	mg/kg wet							
cis-1,2-Dichloroethene	0.00023	U	0.0010	mg/kg wet							
cis-1,3-Dichloropropene	0.00013	U	0.0010	mg/kg wet							
Dibromochloromethane	0.00035	U	0.0010	mg/kg wet							
Dibromomethane	0.00031	U	0.0010	mg/kg wet							
Dichlorodifluoromethane	0.00045	U	0.0010	mg/kg wet							
Ethylbenzene	0.00020	U	0.0010	mg/kg wet							
Hexachlorobutadiene	0.00035	U	0.0010	mg/kg wet							
Isopropylbenzene	0.00015	U	0.0010	mg/kg wet							

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 1C17020 - EPA 5035_MS

Blank (1C17020-BLK1) Continued Prepared: 03/17/2011 10:40 Analyzed: 03/17/2011 16:17

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
m,p-Xylenes	0.00037	U	0.0020	mg/kg wet							
Methylene Chloride	0.00056	U	0.0020	mg/kg wet							
Methyl-tert-Butyl Ether	0.00030	U	0.0010	mg/kg wet							
Naphthalene	0.00024	U	0.0010	mg/kg wet							
n-Butyl Benzene	0.00022	U	0.0010	mg/kg wet							
n-Propyl Benzene	0.00018	U	0.0010	mg/kg wet							
o-Xylene	0.00022	U	0.0010	mg/kg wet							
sec-Butylbenzene	0.00022	U	0.0010	mg/kg wet							
Styrene	0.00017	U	0.0010	mg/kg wet							
tert-Butylbenzene	0.00016	U	0.0010	mg/kg wet							
Tetrachloroethene	0.00028	U	0.0010	mg/kg wet							
Toluene	0.00020	U	0.0010	mg/kg wet							
trans-1,2-Dichloroethene	0.00037	U	0.0010	mg/kg wet							
trans-1,3-Dichloropropene	0.00039	U	0.0010	mg/kg wet							
Trichloroethene	0.00027	U	0.0010	mg/kg wet							
Trichlorofluoromethane	0.00026	U	0.0010	mg/kg wet							
Vinyl chloride	0.00024	U	0.0010	mg/kg wet							
Xylenes (Total)	0.00056	U	0.0030	mg/kg wet							
Surrogate: 4-Bromofluorobenzene	*47*			*ug/L*	*50.0*		*94*	*61-118*			
Surrogate: Dibromofluoromethane	*42*			*ug/L*	*50.0*		*84*	*66-114*			
Surrogate: Toluene-d8	*47*			*ug/L*	*50.0*		*94*	*63-118*			

LCS (1C17020-BS1) Prepared: 03/17/2011 10:40 Analyzed: 03/17/2011 16:46

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	22		1.0	ug/L	20.0		110	64-133			
Benzene	23		1.0	ug/L	20.0		114	79-129			
Chlorobenzene	23		1.0	ug/L	20.0		115	79-121			
Toluene	23		1.0	ug/L	20.0		113	77-120			
Trichloroethene	24		1.0	ug/L	20.0		118	78-118			
Surrogate: 4-Bromofluorobenzene	*45*			*ug/L*	*50.0*		*91*	*61-118*			
Surrogate: Dibromofluoromethane	*42*			*ug/L*	*50.0*		*83*	*66-114*			
Surrogate: Toluene-d8	*48*			*ug/L*	*50.0*		*95*	*63-118*			

Matrix Spike (1C17020-MS1) Prepared: 03/17/2011 10:40 Analyzed: 03/17/2011 17:15

Source: C102975-10

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	19		1.0	ug/L	20.0	0.30 U	94	64-133			
Benzene	19		1.0	ug/L	20.0	0.17 U	97	79-129			
Chlorobenzene	20		1.0	ug/L	20.0	0.17 U	98	79-121			
Toluene	19		1.0	ug/L	20.0	0.24 U	95	77-120			
Trichloroethene	20		1.0	ug/L	20.0	0.32 U	100	78-118			
Surrogate: 4-Bromofluorobenzene	*46*			*ug/L*	*50.0*		*91*	*61-118*			
Surrogate: Dibromofluoromethane	*41*			*ug/L*	*50.0*		*81*	*66-114*			
Surrogate: Toluene-d8	*47*			*ug/L*	*50.0*		*94*	*63-118*			

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 1C17020 - EPA 5035_MS

Matrix Spike Dup (1C17020-MSD1) Prepared: 03/17/2011 10:40 Analyzed: 03/17/2011 17:44

Source: C102975-10

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	19		1.0	ug/L	20.0	0.30 U	95	64-133	0.5	23	
Benzene	20		1.0	ug/L	20.0	0.17 U	99	79-129	1	23	
Chlorobenzene	20		1.0	ug/L	20.0	0.17 U	99	79-121	2	25	
Toluene	19		1.0	ug/L	20.0	0.24 U	96	77-120	1	23	
Trichloroethene	20		1.0	ug/L	20.0	0.32 U	100	78-118	0.3	24	
Surrogate: 4-Bromofluorobenzene	*46*			*ug/L*	*50.0*		*92*	*61-118*			
Surrogate: Dibromofluoromethane	*42*			*ug/L*	*50.0*		*84*	*66-114*			
Surrogate: Toluene-d8	*47*			*ug/L*	*50.0*		*95*	*63-118*			

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 1C16008 - EPA 3550C_MS

Blank (1C16008-BLK1) Prepared: 03/16/2011 07:57 Analyzed: 03/16/2011 19:17

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	0.026	U	0.33	mg/kg wet							
1,2-Dichlorobenzene	0.023	U	0.33	mg/kg wet							
1,3-Dichlorobenzene	0.020	U	0.33	mg/kg wet							
1,4-Dichlorobenzene	0.021	U	0.33	mg/kg wet							
1-Methylnaphthalene	0.027	U	0.33	mg/kg wet							
2,4,5-Trichlorophenol	0.027	U	0.33	mg/kg wet							
2,4,6-Trichlorophenol	0.027	U	0.33	mg/kg wet							
2,4-Dichlorophenol	0.024	U	0.33	mg/kg wet							
2,4-Dimethylphenol	0.043	U	0.33	mg/kg wet							
2,4-Dinitrophenol	0.043	U	0.33	mg/kg wet							
2,4-Dinitrotoluene	0.028	U	0.33	mg/kg wet							
2,6-Dinitrotoluene	0.031	U	0.33	mg/kg wet							
2-Chloronaphthalene	0.028	U	0.33	mg/kg wet							
2-Chlorophenol	0.025	U	0.33	mg/kg wet							
2-Methyl-4,6-dinitrophenol	0.033	U	0.33	mg/kg wet							
2-Methylnaphthalene	0.028	U	0.33	mg/kg wet							
2-Methylphenol	0.025	U	0.33	mg/kg wet							
2-Nitroaniline	0.030	U	0.33	mg/kg wet							
2-Nitrophenol	0.031	U	0.33	mg/kg wet							
3 & 4-Methylphenol	0.026	U	0.33	mg/kg wet							
3,3'-Dichlorobenzidine	0.098	U	0.33	mg/kg wet							
3-Nitroaniline	0.036	U	0.33	mg/kg wet							
4-Bromophenyl-phenylether	0.027	U	0.33	mg/kg wet							
4-Chloro-3-methylphenol	0.033	U	0.33	mg/kg wet							
4-Chloroaniline	0.093	U	0.33	mg/kg wet							
4-Chlorophenyl-phenylether	0.026	U	0.33	mg/kg wet							
4-Nitroaniline	0.053	U	0.33	mg/kg wet							
4-Nitrophenol	0.031	U	0.33	mg/kg wet							
Acenaphthene	0.028	U	0.33	mg/kg wet							
Acenaphthylene	0.028	U	0.33	mg/kg wet							
Anthracene	0.038	U	0.33	mg/kg wet							
Benzidine	0.11	U	0.33	mg/kg wet							QV-01

QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 1C16008 - EPA 3550C_MS

Blank (1C16008-BLK1) Continued Prepared: 03/16/2011 07:57 Analyzed: 03/16/2011 19:17

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Benzo(a)anthracene	0.028	U	0.33	mg/kg wet							
Benzo(a)pyrene	0.033	U	0.33	mg/kg wet							
Benzo(b)fluoranthene	0.018	U	0.33	mg/kg wet							
Benzo(g,h,i)perylene	0.047	U	0.33	mg/kg wet							
Benzo(k)fluoranthene	0.033	U	0.33	mg/kg wet							
Benzoic acid	0.15	U	1.7	mg/kg wet							
Benzyl alcohol	0.023	U	0.33	mg/kg wet							
Bis(2-chloroethoxy)methane	0.025	U	0.33	mg/kg wet							
Bis(2-chloroethyl)ether	0.043	U	0.33	mg/kg wet							
Bis(2-chloroisopropyl)ether	0.024	U	0.33	mg/kg wet							
Bis(2-ethylhexyl)phthalate	0.035	U	0.33	mg/kg wet							
Butylbenzylphthalate	0.040	U	0.33	mg/kg wet							
Chrysene	0.030	U	0.33	mg/kg wet							
Dibenzo(a,h)anthracene	0.051	U	0.33	mg/kg wet							
Dibenzofuran	0.027	U	0.33	mg/kg wet							
Diethylphthalate	0.028	U	0.33	mg/kg wet							
Dimethylphthalate	0.033	U	0.33	mg/kg wet							
Di-n-butylphthalate	0.041	U	0.33	mg/kg wet							
Di-n-octylphthalate	0.033	U	0.33	mg/kg wet							
Fluoranthene	0.036	U	0.33	mg/kg wet							
Fluorene	0.029	U	0.33	mg/kg wet							
Hexachlorobenzene	0.026	U	0.33	mg/kg wet							
Hexachlorobutadiene	0.026	U	0.33	mg/kg wet							
Hexachlorocyclopentadiene	0.039	U	0.33	mg/kg wet							
Hexachloroethane	0.021	U	0.33	mg/kg wet							
Indeno(1,2,3-cd)pyrene	0.047	U	0.33	mg/kg wet							
Isophorone	0.030	U	0.33	mg/kg wet							
Naphthalene	0.028	U	0.33	mg/kg wet							
Nitrobenzene	0.026	U	0.33	mg/kg wet							
N-Nitrosodimethylamine	0.021	U	0.33	mg/kg wet							
N-Nitroso-di-n-propylamine	0.081	U	0.33	mg/kg wet							
N-nitrosodiphenylamine/Diphenylamine	0.054	U	0.33	mg/kg wet							
Pentachlorophenol	0.033	U	0.33	mg/kg wet							QV-01
Phenanthrene	0.027	U	0.33	mg/kg wet							
Phenol	0.022	U	0.33	mg/kg wet							
Pyrene	0.038	U	0.33	mg/kg wet							
Pyridine	0.082	U	0.33	mg/kg wet							
Surrogate: 2,4,6-Tribromophenol	*2.7*			*mg/kg wet*	*3.33*		*82*	*28-130*			
Surrogate: 2-Fluorobiphenyl	*1.4*			*mg/kg wet*	*1.67*		*85*	*56-120*			
Surrogate: 2-Fluorophenol	*2.3*			*mg/kg wet*	*3.33*		*70*	*49-126*			
Surrogate: Nitrobenzene-d5	*1.3*			*mg/kg wet*	*1.67*		*79*	*50-117*			
Surrogate: Phenol-d5	*2.5*			*mg/kg wet*	*3.33*		*76*	*56-120*			
Surrogate: Terphenyl-d14	*1.5*			*mg/kg wet*	*1.67*		*91*	*36-151*			

LCS (1C16008-BS1) Prepared: 03/16/2011 07:57 Analyzed: 03/16/2011 19:44

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.3		0.33	mg/kg wet	1.67		80	51-121			

QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 1C16008 - EPA 3550C_MS

LCS (1C16008-BS1) Continued Prepared: 03/16/2011 07:57 Analyzed: 03/16/2011 19:44

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,4-Dichlorobenzene	1.3		0.33	mg/kg wet	1.67		78	48-118			
2,4-Dinitrotoluene	1.5		0.33	mg/kg wet	1.67		91	63-127			
2-Chlorophenol	1.3		0.33	mg/kg wet	1.67		79	56-120			
4-Chloro-3-methylphenol	1.4		0.33	mg/kg wet	1.67		84	59-121			
4-Nitrophenol	1.5		0.33	mg/kg wet	1.67		90	73-147			
Acenaphthene	1.4		0.33	mg/kg wet	1.67		85	64-131			
N-Nitroso-di-n-propylamine	1.4		0.33	mg/kg wet	1.67		82	55-135			
Pentachlorophenol	1.8		0.33	mg/kg wet	1.67		109	45-117			
Phenol	1.2		0.33	mg/kg wet	1.67		74	54-121			
Pyrene	1.5		0.33	mg/kg wet	1.67		88	65-146			
Surrogate: 2,4,6-Tribromophenol	*2.9*			*mg/kg wet*	*3.33*		*88*	*28-130*			
Surrogate: 2-Fluorobiphenyl	*1.4*			*mg/kg wet*	*1.67*		*84*	*56-120*			
Surrogate: 2-Fluorophenol	*2.4*			*mg/kg wet*	*3.33*		*73*	*49-126*			
Surrogate: Nitrobenzene-d5	*1.3*			*mg/kg wet*	*1.67*		*80*	*50-117*			
Surrogate: Phenol-d5	*2.5*			*mg/kg wet*	*3.33*		*76*	*56-120*			
Surrogate: Terphenyl-d14	*1.5*			*mg/kg wet*	*1.67*		*89*	*36-151*			

Matrix Spike (1C16008-MS1) Prepared: 03/16/2011 07:57 Analyzed: 03/16/2011 20:11

Source: C102192-05

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.7		0.41	mg/kg dry	2.08	0.032 U	80	51-121			
1,4-Dichlorobenzene	1.6		0.41	mg/kg dry	2.08	0.026 U	78	48-118			
2,4-Dinitrotoluene	1.9		0.41	mg/kg dry	2.08	0.035 U	93	63-127			
2-Chlorophenol	1.6		0.41	mg/kg dry	2.08	0.031 U	79	56-120			
4-Chloro-3-methylphenol	1.8		0.41	mg/kg dry	2.08	0.041 U	85	59-121			
4-Nitrophenol	1.9		0.41	mg/kg dry	2.08	0.039 U	92	73-147			
Acenaphthene	1.8		0.41	mg/kg dry	2.08	0.035 U	86	64-131			
N-Nitroso-di-n-propylamine	1.7		0.41	mg/kg dry	2.08	0.10 U	82	55-135			
Pentachlorophenol	2.3		0.41	mg/kg dry	2.08	0.041 U	110	45-117			
Phenol	1.6		0.41	mg/kg dry	2.08	0.027 U	77	54-121			
Pyrene	1.9		0.41	mg/kg dry	2.08	0.047 U	89	65-146			
Surrogate: 2,4,6-Tribromophenol	*3.6*			*mg/kg dry*	*4.15*		*86*	*28-130*			
Surrogate: 2-Fluorobiphenyl	*1.7*			*mg/kg dry*	*2.08*		*80*	*56-120*			
Surrogate: 2-Fluorophenol	*3.1*			*mg/kg dry*	*4.15*		*74*	*49-126*			
Surrogate: Nitrobenzene-d5	*1.6*			*mg/kg dry*	*2.08*		*78*	*50-117*			
Surrogate: Phenol-d5	*3.2*			*mg/kg dry*	*4.15*		*77*	*56-120*			
Surrogate: Terphenyl-d14	*1.8*			*mg/kg dry*	*2.08*		*86*	*36-151*			

Matrix Spike Dup (1C16008-MSD1) Prepared: 03/16/2011 07:57 Analyzed: 03/16/2011 20:38

Source: C102192-05

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.7		0.41	mg/kg dry	2.08	0.032 U	81	51-121	0.9	10	
1,4-Dichlorobenzene	1.6		0.41	mg/kg dry	2.08	0.026 U	78	48-118	0.08	13	
2,4-Dinitrotoluene	1.9		0.41	mg/kg dry	2.08	0.035 U	92	63-127	1	10	
2-Chlorophenol	1.6		0.41	mg/kg dry	2.08	0.031 U	79	56-120	0.2	11	

QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 1C16008 - EPA 3550C_MS

Matrix Spike Dup (1C16008-MSD1) Continued Prepared: 03/16/2011 07:57 Analyzed: 03/16/2011 20:38

Source: C102192-05

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
4-Chloro-3-methylphenol	1.8		0.41	mg/kg dry	2.08	0.041 U	86	59-121	1	10	
4-Nitrophenol	1.8		0.41	mg/kg dry	2.08	0.039 U	89	73-147	4	10	
Acenaphthene	1.7		0.41	mg/kg dry	2.08	0.035 U	84	64-131	2	19	
N-Nitroso-di-n-propylamine	1.7		0.41	mg/kg dry	2.08	0.10 U	82	55-135	0.5	10	
Pentachlorophenol	2.3		0.41	mg/kg dry	2.08	0.041 U	109	45-117	0.8	10	
Phenol	1.6		0.41	mg/kg dry	2.08	0.027 U	76	54-121	1	13	
Pyrene	1.9		0.41	mg/kg dry	2.08	0.047 U	89	65-146	0.1	50	
Surrogate: 2,4,6-Tribromophenol	*3.5*			*mg/kg dry*	*4.15*		*85*	*28-130*			
Surrogate: 2-Fluorobiphenyl	*1.6*			*mg/kg dry*	*2.08*		*77*	*56-120*			
Surrogate: 2-Fluorophenol	*3.1*			*mg/kg dry*	*4.15*		*74*	*49-126*			
Surrogate: Nitrobenzene-d5	*1.6*			*mg/kg dry*	*2.08*		*78*	*50-117*			
Surrogate: Phenol-d5	*3.2*			*mg/kg dry*	*4.15*		*77*	*56-120*			
Surrogate: Terphenyl-d14	*1.8*			*mg/kg dry*	*2.08*		*85*	*36-151*			

Batch 1C18035 - EPA 3550C_MS

Blank (1C18035-BLK1) Prepared: 03/18/2011 23:34 Analyzed: 03/22/2011 03:17

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	0.026	U	0.33	mg/kg wet							
1,2-Dichlorobenzene	0.023	U	0.33	mg/kg wet							
1,3-Dichlorobenzene	0.020	U	0.33	mg/kg wet							
1,4-Dichlorobenzene	0.021	U	0.33	mg/kg wet							
1-Methylnaphthalene	0.027	U	0.33	mg/kg wet							
2,4,5-Trichlorophenol	0.027	U	0.33	mg/kg wet							
2,4,6-Trichlorophenol	0.027	U	0.33	mg/kg wet							
2,4-Dichlorophenol	0.024	U	0.33	mg/kg wet							
2,4-Dimethylphenol	0.043	U	0.33	mg/kg wet							
2,4-Dinitrophenol	0.043	U	0.33	mg/kg wet							
2,4-Dinitrotoluene	0.028	U	0.33	mg/kg wet							
2,6-Dinitrotoluene	0.031	U	0.33	mg/kg wet							
2-Chloronaphthalene	0.028	U	0.33	mg/kg wet							
2-Chlorophenol	0.025	U	0.33	mg/kg wet							
2-Methyl-4,6-dinitrophenol	0.033	U	0.33	mg/kg wet							QV-01
2-Methylnaphthalene	0.028	U	0.33	mg/kg wet							
2-Methylphenol	0.025	U	0.33	mg/kg wet							
2-Nitroaniline	0.030	U	0.33	mg/kg wet							
2-Nitrophenol	0.031	U	0.33	mg/kg wet							
3 & 4-Methylphenol	0.026	U	0.33	mg/kg wet							
3,3'-Dichlorobenzidine	0.098	U	0.33	mg/kg wet							
3-Nitroaniline	0.036	U	0.33	mg/kg wet							
4-Bromophenyl-phenylether	0.027	U	0.33	mg/kg wet							
4-Chloro-3-methylphenol	0.033	U	0.33	mg/kg wet							
4-Chloroaniline	0.093	U	0.33	mg/kg wet							
4-Chlorophenyl-phenylether	0.026	U	0.33	mg/kg wet							
4-Nitroaniline	0.053	U	0.33	mg/kg wet							
4-Nitrophenol	0.031	U	0.33	mg/kg wet							

QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 1C18035 - EPA 3550C_MS

Blank (1C18035-BLK1) Continued Prepared: 03/18/2011 23:34 Analyzed: 03/22/2011 03:17

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Acenaphthene	0.028	U	0.33	mg/kg wet							
Acenaphthylene	0.028	U	0.33	mg/kg wet							
Anthracene	0.038	U	0.33	mg/kg wet							
Benzidine	0.11	U	0.33	mg/kg wet							
Benzo(a)anthracene	0.028	U	0.33	mg/kg wet							
Benzo(a)pyrene	0.033	U	0.33	mg/kg wet							
Benzo(b)fluoranthene	0.018	U	0.33	mg/kg wet							
Benzo(g,h,i)perylene	0.047	U	0.33	mg/kg wet							
Benzo(k)fluoranthene	0.033	U	0.33	mg/kg wet							
Benzoic acid	0.15	U	1.7	mg/kg wet							QV-01
Benzyl alcohol	0.023	U	0.33	mg/kg wet							
Bis(2-chloroethoxy)methane	0.025	U	0.33	mg/kg wet							
Bis(2-chloroethyl)ether	0.043	U	0.33	mg/kg wet							
Bis(2-chloroisopropyl)ether	0.024	U	0.33	mg/kg wet							
Bis(2-ethylhexyl)phthalate	0.035	U	0.33	mg/kg wet							
Butylbenzylphthalate	0.040	U	0.33	mg/kg wet							
Chrysene	0.030	U	0.33	mg/kg wet							
Dibenzo(a,h)anthracene	0.051	U	0.33	mg/kg wet							
Dibenzofuran	0.027	U	0.33	mg/kg wet							
Diethylphthalate	0.028	U	0.33	mg/kg wet							
Dimethylphthalate	0.033	U	0.33	mg/kg wet							
Di-n-butylphthalate	0.041	U	0.33	mg/kg wet							
Di-n-octylphthalate	0.033	U	0.33	mg/kg wet							
Fluoranthene	0.036	U	0.33	mg/kg wet							
Fluorene	0.029	U	0.33	mg/kg wet							
Hexachlorobenzene	0.026	U	0.33	mg/kg wet							
Hexachlorobutadiene	0.026	U	0.33	mg/kg wet							
Hexachlorocyclopentadiene	0.039	U	0.33	mg/kg wet							QV-01
Hexachloroethane	0.021	U	0.33	mg/kg wet							
Indeno(1,2,3-cd)pyrene	0.047	U	0.33	mg/kg wet							
Isophorone	0.030	U	0.33	mg/kg wet							
Naphthalene	0.028	U	0.33	mg/kg wet							
Nitrobenzene	0.026	U	0.33	mg/kg wet							
N-Nitrosodimethylamine	0.021	U	0.33	mg/kg wet							
N-Nitroso-di-n-propylamine	0.081	U	0.33	mg/kg wet							
N-nitrosodiphenylamine/Diphenylamine	0.054	U	0.33	mg/kg wet							
Pentachlorophenol	0.033	U	0.33	mg/kg wet							QV-01
Phenanthrene	0.027	U	0.33	mg/kg wet							
Phenol	0.022	U	0.33	mg/kg wet							
Pyrene	0.038	U	0.33	mg/kg wet							
Pyridine	0.082	U	0.33	mg/kg wet							
Surrogate: 2,4,6-Tribromophenol	*2.9*			*mg/kg wet*	*3.33*		*88*	*28-130*			
Surrogate: 2-Fluorobiphenyl	*1.4*			*mg/kg wet*	*1.67*		*86*	*56-120*			
Surrogate: 2-Fluorophenol	*2.3*			*mg/kg wet*	*3.33*		*69*	*49-126*			
Surrogate: Nitrobenzene-d5	*1.3*			*mg/kg wet*	*1.67*		*75*	*50-117*			
Surrogate: Phenol-d5	*2.6*			*mg/kg wet*	*3.33*		*77*	*56-120*			
Surrogate: Terphenyl-d14	*1.6*			*mg/kg wet*	*1.67*		*95*	*36-151*			

QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 1C18035 - EPA 3550C_MS

LCS (1C18035-BS1) Prepared: 03/18/2011 23:34 Analyzed: 03/22/2011 03:43

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.4		0.33	mg/kg wet	1.67		84	51-121			
1,4-Dichlorobenzene	1.4		0.33	mg/kg wet	1.67		82	48-118			
2,4-Dinitrotoluene	1.5		0.33	mg/kg wet	1.67		92	63-127			
2-Chlorophenol	1.4		0.33	mg/kg wet	1.67		82	56-120			
4-Chloro-3-methylphenol	1.5		0.33	mg/kg wet	1.67		90	59-121			
4-Nitrophenol	1.5		0.33	mg/kg wet	1.67		91	73-147			
Acenaphthene	1.5		0.33	mg/kg wet	1.67		87	64-131			
N-Nitroso-di-n-propylamine	1.4		0.33	mg/kg wet	1.67		86	55-135			
Pentachlorophenol	1.8		0.33	mg/kg wet	1.67		108	45-117			
Phenol	1.3		0.33	mg/kg wet	1.67		78	54-121			
Pyrene	1.5		0.33	mg/kg wet	1.67		89	65-146			
Surrogate: 2,4,6-Tribromophenol	*3.1*			*mg/kg wet*	*3.33*		*93*	*28-130*			
Surrogate: 2-Fluorobiphenyl	*1.5*			*mg/kg wet*	*1.67*		*89*	*56-120*			
Surrogate: 2-Fluorophenol	*2.5*			*mg/kg wet*	*3.33*		*75*	*49-126*			
Surrogate: Nitrobenzene-d5	*1.4*			*mg/kg wet*	*1.67*		*82*	*50-117*			
Surrogate: Phenol-d5	*2.7*			*mg/kg wet*	*3.33*		*81*	*56-120*			
Surrogate: Terphenyl-d14	*1.5*			*mg/kg wet*	*1.67*		*91*	*36-151*			

Matrix Spike (1C18035-MS1) Prepared: 03/18/2011 23:34 Analyzed: 03/22/2011 04:10

Source: C102841-09

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.7		0.39	mg/kg dry	1.96	0.031 U	85	51-121			
1,4-Dichlorobenzene	1.6		0.39	mg/kg dry	1.96	0.025 U	81	48-118			
2,4-Dinitrotoluene	1.8		0.39	mg/kg dry	1.96	0.033 U	90	63-127			
2-Chlorophenol	1.6		0.39	mg/kg dry	1.96	0.029 U	84	56-120			
4-Chloro-3-methylphenol	1.8		0.39	mg/kg dry	1.96	0.039 U	90	59-121			
4-Nitrophenol	1.8		0.39	mg/kg dry	1.96	0.036 U	94	73-147			
Acenaphthene	1.7		0.39	mg/kg dry	1.96	0.033 U	87	64-131			
N-Nitroso-di-n-propylamine	1.7		0.39	mg/kg dry	1.96	0.095 U	86	55-135			
Pentachlorophenol	2.2		0.39	mg/kg dry	1.96	0.039 U	115	45-117			
Phenol	1.6		0.39	mg/kg dry	1.96	0.026 U	81	54-121			
Pyrene	1.8		0.39	mg/kg dry	1.96	0.045 U	89	65-146			
Surrogate: 2,4,6-Tribromophenol	*3.8*			*mg/kg dry*	*3.92*		*96*	*28-130*			
Surrogate: 2-Fluorobiphenyl	*1.7*			*mg/kg dry*	*1.96*		*87*	*56-120*			
Surrogate: 2-Fluorophenol	*3.0*			*mg/kg dry*	*3.92*		*77*	*49-126*			
Surrogate: Nitrobenzene-d5	*1.6*			*mg/kg dry*	*1.96*		*83*	*50-117*			
Surrogate: Phenol-d5	*3.2*			*mg/kg dry*	*3.92*		*82*	*56-120*			
Surrogate: Terphenyl-d14	*1.7*			*mg/kg dry*	*1.96*		*88*	*36-151*			

Matrix Spike Dup (1C18035-MSD1) Prepared: 03/18/2011 23:34 Analyzed: 03/22/2011 04:36

Source: C102841-09

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.7		0.39	mg/kg dry	1.96	0.031 U	85	51-121	0.6	10	
1,4-Dichlorobenzene	1.6		0.39	mg/kg dry	1.96	0.025 U	81	48-118	0.02	13	
2,4-Dinitrotoluene	1.8		0.39	mg/kg dry	1.96	0.033 U	94	63-127	4	10	

QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 1C18035 - EPA 3550C_MS

Matrix Spike Dup (1C18035-MSD1) Continued Prepared: 03/18/2011 23:34 Analyzed: 03/22/2011 04:36

Source: C102841-09

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
2-Chlorophenol	1.6		0.39	mg/kg dry	1.96	0.029 U	83	56-120	1	11	
4-Chloro-3-methylphenol	1.8		0.39	mg/kg dry	1.96	0.039 U	91	59-121	0.5	10	
4-Nitrophenol	1.9		0.39	mg/kg dry	1.96	0.036 U	95	73-147	1	10	
Acenaphthene	1.7		0.39	mg/kg dry	1.96	0.033 U	87	64-131	0.02	19	
N-Nitroso-di-n-propylamine	1.7		0.39	mg/kg dry	1.96	0.095 U	85	55-135	2	10	
Pentachlorophenol	2.2		0.39	mg/kg dry	1.96	0.039 U	112	45-117	3	10	
Phenol	1.6		0.39	mg/kg dry	1.96	0.026 U	81	54-121	0.1	13	
Pyrene	1.8		0.39	mg/kg dry	1.96	0.045 U	92	65-146	3	50	
Surrogate: 2,4,6-Tribromophenol	*3.8*			*mg/kg dry*	*3.92*		*96*	*28-130*			
Surrogate: 2-Fluorobiphenyl	*1.7*			*mg/kg dry*	*1.96*		*87*	*56-120*			
Surrogate: 2-Fluorophenol	*3.0*			*mg/kg dry*	*3.92*		*77*	*49-126*			
Surrogate: Nitrobenzene-d5	*1.6*			*mg/kg dry*	*1.96*		*82*	*50-117*			
Surrogate: Phenol-d5	*3.2*			*mg/kg dry*	*3.92*		*81*	*56-120*			
Surrogate: Terphenyl-d14	*1.8*			*mg/kg dry*	*1.96*		*91*	*36-151*			

Organochlorine Pesticides by GC - Quality Control

Batch 1C10023 - EPA 3550C

Blank (1C10023-BLK1) Prepared: 03/10/2011 11:08 Analyzed: 03/11/2011 14:28

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
4,4'-DDD	0.00032	U	0.0017	mg/kg wet							
4,4'-DDE	0.00041	U	0.0017	mg/kg wet							
4,4'-DDT	0.00052	U	0.0017	mg/kg wet							
Aldrin	0.00036	U	0.0017	mg/kg wet							
alpha-BHC	0.00049	U	0.0017	mg/kg wet							
beta-BHC	0.00071	U	0.0017	mg/kg wet							
Chlordane (tech)	0.0011	U	0.033	mg/kg wet							
Chlordane-alpha	0.00046	U	0.0017	mg/kg wet							
Chlordane-gamma	0.00060	U	0.0017	mg/kg wet							
delta-BHC	0.00030	U	0.0017	mg/kg wet							
Dieldrin	0.00032	U	0.0017	mg/kg wet							
Endosulfan I	0.00041	U	0.0017	mg/kg wet							
Endosulfan II	0.00039	U	0.0017	mg/kg wet							
Endosulfan sulfate	0.00048	U	0.0017	mg/kg wet							
Endrin	0.00039	U	0.0017	mg/kg wet							
Endrin aldehyde	0.00034	U	0.0017	mg/kg wet							
Endrin ketone	0.00030	U	0.0017	mg/kg wet							
gamma-BHC	0.00042	U	0.0017	mg/kg wet							
Heptachlor	0.00046	U	0.0017	mg/kg wet							
Heptachlor epoxide	0.00043	U	0.0017	mg/kg wet							
Isodrin	0.00036	U	0.0017	mg/kg wet							
Methoxychlor	0.00042	U	0.0017	mg/kg wet							
Mirex	0.00056	U	0.0017	mg/kg wet							
Toxaphene	0.010	U	0.017	mg/kg wet							
Surrogate: 2,4,5,6-TCMX	*0.043*			*mg/kg wet*	*0.0333*		*130*	*59-137*			

QUALITY CONTROL

Organochlorine Pesticides by GC - Quality Control

Batch 1C10023 - EPA 3550C

Blank (1C10023-BLK1) Continued Prepared: 03/10/2011 11:08 Analyzed: 03/11/2011 14:28

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Surrogate: Decachlorobiphenyl	*0.047*			*mg/kg wet*	*0.0333*		*140*	*60-140*			

LCS (1C10023-BS1) Prepared: 03/10/2011 11:08 Analyzed: 03/11/2011 14:41

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
4,4'-DDT	0.043		0.0017	mg/kg wet	0.0333		129	38-142			
Dieldrin	0.040		0.0017	mg/kg wet	0.0333		120	51-129			
Endrin	0.039		0.0017	mg/kg wet	0.0333		116	51-126			
Surrogate: 2,4,5,6-TCMX	*0.047*			*mg/kg wet*	*0.0333*		*142*	*59-137*			
Surrogate: Decachlorobiphenyl	*0.045*			*mg/kg wet*	*0.0333*		*135*	*60-140*			

Matrix Spike (1C10023-MS1) Prepared: 03/10/2011 11:08 Analyzed: 03/11/2011 14:54

Source: C102227-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
4,4'-DDT	0.071		0.0020	mg/kg dry	0.0398	0.00062 U	180	38-142			QM-07
Dieldrin	0.060		0.0020	mg/kg dry	0.0398	0.0080	130	51-129			QM-07
Endrin	0.074		0.0020	mg/kg dry	0.0398	0.00047 U	185	51-126			QM-07
Surrogate: 2,4,5,6-TCMX [2C]	*0.050*			*mg/kg dry*	*0.0398*		*127*	*59-137*			
Surrogate: Decachlorobiphenyl	*0.052*			*mg/kg dry*	*0.0398*		*132*	*60-140*			

Matrix Spike Dup (1C10023-MSD1) Prepared: 03/10/2011 11:08 Analyzed: 03/11/2011 15:07

Source: C102227-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
4,4'-DDT	0.057		0.0020	mg/kg dry	0.0398	0.00062 U	144	38-142	22	42	QM-07
Dieldrin	0.052		0.0020	mg/kg dry	0.0398	0.0080	110	51-129	14	40	
Endrin	0.048		0.0020	mg/kg dry	0.0398	0.00047 U	122	51-126	41	33	QM-11
Surrogate: 2,4,5,6-TCMX	*0.055*			*mg/kg dry*	*0.0398*		*139*	*59-137*			
Surrogate: Decachlorobiphenyl	*0.045*			*mg/kg dry*	*0.0398*		*114*	*60-140*			

Batch 1C11001 - EPA 3550C

Blank (1C11001-BLK1) Prepared: 03/11/2011 04:08 Analyzed: 03/17/2011 19:05

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
4,4'-DDD	0.00032	U	0.0017	mg/kg wet							
4,4'-DDE	0.00041	U	0.0017	mg/kg wet							
4,4'-DDT	0.00052	U	0.0017	mg/kg wet							
Aldrin	0.00036	U	0.0017	mg/kg wet							
alpha-BHC	0.00049	U	0.0017	mg/kg wet							
beta-BHC	0.00071	U	0.0017	mg/kg wet							
Chlordane (tech)	0.0011	U	0.033	mg/kg wet							
Chlordane-alpha	0.00046	U	0.0017	mg/kg wet							
Chlordane-gamma	0.00060	U	0.0017	mg/kg wet							
delta-BHC	0.00030	U	0.0017	mg/kg wet							

QUALITY CONTROL

Organochlorine Pesticides by GC - Quality Control

Batch 1C11001 - EPA 3550C

Blank (1C11001-BLK1) Continued Prepared: 03/11/2011 04:08 Analyzed: 03/17/2011 19:05

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Dieldrin	0.00032	U	0.0017	mg/kg wet							
Endosulfan I	0.00041	U	0.0017	mg/kg wet							
Endosulfan II	0.00039	U	0.0017	mg/kg wet							
Endosulfan sulfate	0.00048	U	0.0017	mg/kg wet							
Endrin	0.00039	U	0.0017	mg/kg wet							
Endrin aldehyde	0.00034	U	0.0017	mg/kg wet							
Endrin ketone	0.00030	U	0.0017	mg/kg wet							
gamma-BHC	0.00042	U	0.0017	mg/kg wet							
Heptachlor	0.00046	U	0.0017	mg/kg wet							
Heptachlor epoxide	0.00043	U	0.0017	mg/kg wet							
Isodrin	0.00036	U	0.0017	mg/kg wet							
Methoxychlor	0.00042	U	0.0017	mg/kg wet							
Mirex	0.00056	U	0.0017	mg/kg wet							
Toxaphene	0.010	U	0.017	mg/kg wet							
Surrogate: 2,4,5,6-TCMX	*0.034*			*mg/kg wet*	*0.0333*		*101*	*59-137*			
Surrogate: Decachlorobiphenyl	*0.043*			*mg/kg wet*	*0.0333*		*128*	*60-140*			

LCS (1C11001-BS1) Prepared: 03/11/2011 04:08 Analyzed: 03/17/2011 19:19

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
4,4'-DDT	0.043		0.0017	mg/kg wet	0.0333		129	38-142			
Dieldrin	0.043		0.0017	mg/kg wet	0.0333		128	51-129			
Endrin	0.037		0.0017	mg/kg wet	0.0333		111	51-126			
Surrogate: 2,4,5,6-TCMX [2C]	*0.045*			*mg/kg wet*	*0.0333*		*136*	*59-137*			
Surrogate: Decachlorobiphenyl	*0.054*			*mg/kg wet*	*0.0333*		*163*	*60-140*			*QS-03*

Matrix Spike (1C11001-MS1) Prepared: 03/11/2011 04:08 Analyzed: 03/17/2011 19:32

Source: C102841-08

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
4,4'-DDT	0.051		0.0021	mg/kg dry	0.0403	0.00063 U	127	38-142			
Dieldrin	0.048		0.0021	mg/kg dry	0.0403	0.00039 U	119	51-129			
Endrin	0.049		0.0021	mg/kg dry	0.0403	0.00047 U	121	51-126			
Surrogate: 2,4,5,6-TCMX [2C]	*0.052*			*mg/kg dry*	*0.0403*		*130*	*59-137*			
Surrogate: Decachlorobiphenyl	*0.060*			*mg/kg dry*	*0.0403*		*150*	*60-140*			*QS-03*

Matrix Spike Dup (1C11001-MSD1) Prepared: 03/11/2011 04:08 Analyzed: 03/17/2011 19:45

Source: C102841-08

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
4,4'-DDT	0.048		0.0021	mg/kg dry	0.0403	0.00063 U	120	38-142	5	42	
Dieldrin	0.042		0.0021	mg/kg dry	0.0403	0.00039 U	105	51-129	13	40	
Endrin	0.044		0.0021	mg/kg dry	0.0403	0.00047 U	109	51-126	11	33	
Surrogate: 2,4,5,6-TCMX [2C]	*0.050*			*mg/kg dry*	*0.0403*		*124*	*59-137*			
Surrogate: Decachlorobiphenyl	*0.052*			*mg/kg dry*	*0.0403*		*130*	*60-140*			

QUALITY CONTROL

Polychlorinated Biphenyls by GC - Quality Control

Batch 1C10024 - EPA 3550C

Blank (1C10024-BLK1) Prepared: 03/10/2011 11:25 Analyzed: 03/11/2011 14:28

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
PCB-1016/1242	0.0076	U	0.017	mg/kg wet							
PCB-1221	0.0052	U	0.017	mg/kg wet							
PCB-1232	0.0052	U	0.017	mg/kg wet							
PCB-1248	0.0052	U	0.017	mg/kg wet							
PCB-1254	0.0052	U	0.017	mg/kg wet							
PCB-1260	0.0041	U	0.017	mg/kg wet							
Surrogate: 2,4,5,6-TCMX	*0.043*			*mg/kg wet*	*0.0333*		*130*	*44-168*			
Surrogate: Decachlorobiphenyl	*0.047*			*mg/kg wet*	*0.0333*		*140*	*51-154*			

LCS (1C10024-BS1) Prepared: 03/10/2011 11:25 Analyzed: 03/11/2011 17:06

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
PCB-1016/1242	0.27		0.017	mg/kg wet	0.333		80	18-178			
PCB-1260	0.28		0.017	mg/kg wet	0.333		84	59-144			
Surrogate: 2,4,5,6-TCMX	*0.030*			*mg/kg wet*	*0.0333*		*90*	*44-168*			
Surrogate: Decachlorobiphenyl	*0.047*			*mg/kg wet*	*0.0333*		*140*	*51-154*			

Matrix Spike (1C10024-MS1) Prepared: 03/10/2011 11:25 Analyzed: 03/11/2011 17:19

Source: C102227-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
PCB-1016/1242	0.39		0.020	mg/kg dry	0.398	0.0091 U	97	68-140			
PCB-1260	0.33		0.020	mg/kg dry	0.398	0.0049 U	84	59-144			
Surrogate: 2,4,5,6-TCMX	*0.044*			*mg/kg dry*	*0.0398*		*110*	*44-168*			
Surrogate: Decachlorobiphenyl	*0.032*			*mg/kg dry*	*0.0398*		*80*	*51-154*			

Matrix Spike Dup (1C10024-MSD1) Prepared: 03/10/2011 11:25 Analyzed: 03/11/2011 17:32

Source: C102227-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
PCB-1016/1242	0.42		0.020	mg/kg dry	0.398	0.0091 U	106	68-140	9	50	
PCB-1260	0.36		0.020	mg/kg dry	0.398	0.0049 U	90	59-144	6	36	
Surrogate: 2,4,5,6-TCMX	*0.044*			*mg/kg dry*	*0.0398*		*110*	*44-168*			
Surrogate: Decachlorobiphenyl	*0.036*			*mg/kg dry*	*0.0398*		*90*	*51-154*			

Batch 1C11002 - EPA 3550C

Blank (1C11002-BLK1) Prepared: 03/11/2011 04:15 Analyzed: 03/17/2011 19:05

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
PCB-1016/1242	0.0076	U	0.017	mg/kg wet							
PCB-1221	0.0052	U	0.017	mg/kg wet							
PCB-1232	0.0052	U	0.017	mg/kg wet							
PCB-1248	0.0052	U	0.017	mg/kg wet							
PCB-1254	0.0052	U	0.017	mg/kg wet							
PCB-1260	0.0041	U	0.017	mg/kg wet							

QUALITY CONTROL

Polychlorinated Biphenyls by GC - Quality Control

Batch 1C11002 - EPA 3550C

Blank (1C11002-BLK1) Continued Prepared: 03/11/2011 04:15 Analyzed: 03/17/2011 19:05

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Surrogate: 2,4,5,6-TCMX	*0.027*			*mg/kg wet*	*0.0333*		*80*	*44-168*			
Surrogate: Decachlorobiphenyl	*0.030*			*mg/kg wet*	*0.0333*		*90*	*51-154*			

LCS (1C11002-BS1) Prepared: 03/11/2011 04:15 Analyzed: 03/17/2011 23:29

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
PCB-1016/1242	0.40		0.017	mg/kg wet	0.333		119	18-178			
PCB-1260	0.34		0.017	mg/kg wet	0.333		103	59-144			
Surrogate: 2,4,5,6-TCMX	*0.040*			*mg/kg wet*	*0.0333*		*120*	*44-168*			
Surrogate: Decachlorobiphenyl	*0.037*			*mg/kg wet*	*0.0333*		*110*	*51-154*			

Matrix Spike (1C11002-MS1) Prepared: 03/11/2011 04:15 Analyzed: 03/17/2011 23:42

Source: C102841-08

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
PCB-1016/1242	0.47		0.021	mg/kg dry	0.403	0.0092 U	116	18-178			
PCB-1260	0.41		0.021	mg/kg dry	0.403	0.0050 U	103	59-144			
Surrogate: 2,4,5,6-TCMX	*0.040*			*mg/kg dry*	*0.0403*		*100*	*44-168*			
Surrogate: Decachlorobiphenyl	*0.040*			*mg/kg dry*	*0.0403*		*100*	*51-154*			

Matrix Spike Dup (1C11002-MSD1) Prepared: 03/11/2011 04:15 Analyzed: 03/18/2011 16:58

Source: C102841-08

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
PCB-1016/1242	0.48		0.021	mg/kg dry	0.403	0.0092 U	120	18-178	3	42	
PCB-1260	0.45		0.021	mg/kg dry	0.403	0.0050 U	110	59-144	7	36	
Surrogate: 2,4,5,6-TCMX	*0.044*			*mg/kg dry*	*0.0403*		*110*	*44-168*			
Surrogate: Decachlorobiphenyl	*0.040*			*mg/kg dry*	*0.0403*		*100*	*51-154*			

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 1C10015 - EPA 3050B

Blank (1C10015-BLK1) Prepared: 03/10/2011 09:52 Analyzed: 03/11/2011 10:59

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chromium	0.100	U	0.500	mg/kg wet							
Lead	0.120	U	0.500	mg/kg wet							

LCS (1C10015-BS1) Prepared: 03/10/2011 09:52 Analyzed: 03/11/2011 11:02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chromium	25.3		0.500	mg/kg wet	24.8		102	85-115			
Lead	25.8		0.500	mg/kg wet	24.8		104	85-115			

Matrix Spike (1C10015-MS1) Prepared: 03/10/2011 09:52 Analyzed: 03/11/2011 11:06

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 1C10015 - EPA 3050B

Matrix Spike (1C10015-MS1) Continued Prepared: 03/10/2011 09:52 Analyzed: 03/11/2011 11:06

Source: C102841-11

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chromium	40.2		0.687	mg/kg dry	34.4	3.78	106	80-120			
Lead	120		0.687	mg/kg dry	34.4	38.4	237	80-120			QM-07

Matrix Spike Dup (1C10015-MSD1) Prepared: 03/10/2011 09:52 Analyzed: 03/11/2011 11:14

Source: C102841-11

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chromium	39.8		0.687	mg/kg dry	34.4	3.78	105	80-120	1	30	
Lead	125		0.687	mg/kg dry	34.4	38.4	253	80-120	4	30	QM-07

Post Spike (1C10015-PS1) Prepared: 03/10/2011 09:52 Analyzed: 03/11/2011 11:16

Source: C102841-11

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chromium	1.07		0.0100	mg/L	1.00	0.0550	101	80-120			
Lead	1.52		0.0100	mg/L	1.00	0.559	96	80-120			

Batch 1C12003 - EPA 3050B

Blank (1C12003-BLK1) Prepared: 03/12/2011 13:30 Analyzed: 03/16/2011 12:55

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chromium	**0.108**	**J**	0.500	mg/kg wet							
Lead	0.120	U	0.500	mg/kg wet							

LCS (1C12003-BS1) Prepared: 03/12/2011 13:30 Analyzed: 03/16/2011 12:57

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chromium	26.9	B	0.500	mg/kg wet	25.3		106	85-115			
Lead	26.8		0.500	mg/kg wet	25.3		106	85-115			

Matrix Spike (1C12003-MS1) Prepared: 03/12/2011 13:30 Analyzed: 03/16/2011 13:01

Source: C102841-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chromium	42.5	B	0.664	mg/kg dry	33.2	7.37	106	80-120			
Lead	241		0.664	mg/kg dry	33.2	166	226	80-120			QM-07

Matrix Spike Dup (1C12003-MSD1) Prepared: 03/12/2011 13:30 Analyzed: 03/16/2011 13:03

Source: C102841-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chromium	43.0	B	0.664	mg/kg dry	33.2	7.37	107	80-120	1	30	
Lead	219		0.664	mg/kg dry	33.2	166	159	80-120	10	30	QM-07

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 1C12003 - EPA 3050B

Post Spike (1C12003-PS1) Prepared: 03/12/2011 13:30 Analyzed: 03/16/2011 13:05

Source: C102841-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chromium	1.17	B	0.0100	mg/L	1.00	0.111	106	80-120			
Lead	3.47		0.0100	mg/L	1.00	2.51	96	80-120			

QUALITY CONTROL

TCLP Volatile Organics by GCMS - Quality Control

Batch 1C16023 - EPA 5030B_MS

Blank (1C16023-BLK1) Prepared: 03/16/2011 17:00 Analyzed: 03/16/2011 17:32

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	0.0002	U	0.0010	mg/L							
1,2-Dichloroethane	0.0003	U	0.0010	mg/L							
2-Butanone	0.0004	U	0.0050	mg/L							
Benzene	0.0003	U	0.0010	mg/L							
Carbon Tetrachloride	0.0002	U	0.0010	mg/L							
Chlorobenzene	0.0002	U	0.0010	mg/L							
Chloroform	0.0002	U	0.0010	mg/L							
Tetrachloroethene	0.0002	U	0.0010	mg/L							
Trichloroethene	0.0002	U	0.0010	mg/L							
Vinyl chloride	0.0003	U	0.0010	mg/L							
Surrogate: 4-Bromofluorobenzene	*0.0404*			*mg/L*	*0.0500*		*81*	*62-132*			
Surrogate: Dibromofluoromethane	*0.0465*			*mg/L*	*0.0500*		*93*	*73-134*			
Surrogate: Toluene-d8	*0.0491*			*mg/L*	*0.0500*		*98*	*66-138*			

Blank (1C16023-BLK2) Prepared: 03/16/2011 17:00 Analyzed: 03/16/2011 18:01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	0.0210	UD	0.100	mg/L							
1,2-Dichloroethane	0.0280	UD	0.100	mg/L							
2-Butanone	0.0380	UD	0.500	mg/L							
Benzene	0.0270	UD	0.100	mg/L							
Carbon Tetrachloride	0.0200	UD	0.100	mg/L							
Chlorobenzene	0.0240	UD	0.100	mg/L							
Chloroform	0.0210	UD	0.100	mg/L							
Tetrachloroethene	0.0210	UD	0.100	mg/L							
Trichloroethene	0.0240	UD	0.100	mg/L							
Vinyl chloride	0.0330	UD	0.100	mg/L							
Surrogate: 4-Bromofluorobenzene	*0.0430*			*mg/L*	*0.0500*		*86*	*62-132*			
Surrogate: Dibromofluoromethane	*0.0477*			*mg/L*	*0.0500*		*95*	*73-134*			
Surrogate: Toluene-d8	*0.0497*			*mg/L*	*0.0500*		*99*	*66-138*			

LCS (1C16023-BS1) Prepared: 03/16/2011 17:00 Analyzed: 03/16/2011 18:29

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	18.9		1.00	ug/L	20.0		94	51-145			
Benzene	16.8		1.00	ug/L	20.0		84	76-120			

QUALITY CONTROL

TCLP Volatile Organics by GCMS - Quality Control

Batch 1C16023 - EPA 5030B_MS

LCS (1C16023-BS1) Continued Prepared: 03/16/2011 17:00 Analyzed: 03/16/2011 18:29

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chlorobenzene	19.5		1.00	ug/L	20.0		98	80-124			
Trichloroethene	17.7		1.00	ug/L	20.0		88	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0449*			*mg/L*	*0.0500*		*90*	*62-132*			
Surrogate: Dibromofluoromethane	*0.0461*			*mg/L*	*0.0500*		*92*	*73-134*			
Surrogate: Toluene-d8	*0.0494*			*mg/L*	*0.0500*		*99*	*66-138*			

Matrix Spike (1C16023-MS1) Prepared: 03/16/2011 17:00 Analyzed: 03/16/2011 18:57

Source: B101267-18

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	20.0		1.00	ug/L	20.0	0.210 U	100	51-145			
Benzene	17.1		1.00	ug/L	20.0	0.270 U	85	76-120			
Chlorobenzene	20.6		1.00	ug/L	20.0	0.240 U	103	80-124			
Trichloroethene	18.5		1.00	ug/L	20.0	0.240 U	93	80-120			
Surrogate: 4-Bromofluorobenzene	*4.38*			*mg/L*	*5.00*		*88*	*62-132*			
Surrogate: Dibromofluoromethane	*4.72*			*mg/L*	*5.00*		*94*	*73-134*			
Surrogate: Toluene-d8	*4.92*			*mg/L*	*5.00*		*98*	*66-138*			

Matrix Spike Dup (1C16023-MSD1) Prepared: 03/16/2011 17:00 Analyzed: 03/16/2011 19:25

Source: B101267-18

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	20.2		1.00	ug/L	20.0	0.210 U	101	51-145	0.8	16	
Benzene	16.5		1.00	ug/L	20.0	0.270 U	82	76-120	3	17	
Chlorobenzene	20.6		1.00	ug/L	20.0	0.240 U	103	80-124	0	19	
Trichloroethene	18.0		1.00	ug/L	20.0	0.240 U	90	80-120	3	18	
Surrogate: 4-Bromofluorobenzene	*4.63*			*mg/L*	*5.00*		*93*	*62-132*			
Surrogate: Dibromofluoromethane	*4.64*			*mg/L*	*5.00*		*93*	*73-134*			
Surrogate: Toluene-d8	*4.85*			*mg/L*	*5.00*		*97*	*66-138*			

Batch 1C21006 - EPA 5030B_MS

Blank (1C21006-BLK1) Prepared: 03/21/2011 10:14 Analyzed: 03/21/2011 11:35

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	0.0002	U	0.0010	mg/L							
1,2-Dichloroethane	0.0003	U	0.0010	mg/L							
2-Butanone	0.0004	U	0.0050	mg/L							
Benzene	0.0003	U	0.0010	mg/L							
Carbon Tetrachloride	0.0002	U	0.0010	mg/L							
Chlorobenzene	0.0002	U	0.0010	mg/L							
Chloroform	0.0002	U	0.0010	mg/L							
Tetrachloroethene	0.0002	U	0.0010	mg/L							
Trichloroethene	0.0002	U	0.0010	mg/L							
Vinyl chloride	0.0003	U	0.0010	mg/L							
Surrogate: 4-Bromofluorobenzene	*0.0444*			*mg/L*	*0.0500*		*89*	*62-132*			

QUALITY CONTROL

TCLP Volatile Organics by GCMS - Quality Control

Batch 1C21006 - EPA 5030B_MS

Blank (1C21006-BLK1) Continued Prepared: 03/21/2011 10:14 Analyzed: 03/21/2011 11:35

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Surrogate: Dibromofluoromethane	*0.0452*			*mg/L*	*0.0500*		*90*	*73-134*			
Surrogate: Toluene-d8	*0.0503*			*mg/L*	*0.0500*		*101*	*66-138*			

Blank (1C21006-BLK2) Prepared: 03/21/2011 10:14 Analyzed: 03/21/2011 12:03

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	0.0210	UD	0.100	mg/L							
1,2-Dichloroethane	0.0280	UD	0.100	mg/L							
2-Butanone	0.0380	UD	0.500	mg/L							
Benzene	0.0270	UD	0.100	mg/L							
Carbon Tetrachloride	0.0200	UD	0.100	mg/L							
Chlorobenzene	0.0240	UD	0.100	mg/L							
Chloroform	0.0210	UD	0.100	mg/L							
Tetrachloroethene	0.0210	UD	0.100	mg/L							
Trichloroethene	0.0240	UD	0.100	mg/L							
Vinyl chloride	0.0330	UD	0.100	mg/L							
Surrogate: 4-Bromofluorobenzene	*0.0462*			*mg/L*	*0.0500*		*92*	*62-132*			
Surrogate: Dibromofluoromethane	*0.0441*			*mg/L*	*0.0500*		*88*	*73-134*			
Surrogate: Toluene-d8	*0.0532*			*mg/L*	*0.0500*		*106*	*66-138*			

LCS (1C21006-BS1) Prepared: 03/21/2011 10:14 Analyzed: 03/21/2011 12:31

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	20.6		1.00	ug/L	20.0		103	51-145			
Benzene	20.4		1.00	ug/L	20.0		102	76-120			
Chlorobenzene	23.3		1.00	ug/L	20.0		116	80-124			
Trichloroethene	20.6		1.00	ug/L	20.0		103	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0473*			*mg/L*	*0.0500*		*95*	*62-132*			
Surrogate: Dibromofluoromethane	*0.0465*			*mg/L*	*0.0500*		*93*	*73-134*			
Surrogate: Toluene-d8	*0.0505*			*mg/L*	*0.0500*		*101*	*66-138*			

Matrix Spike (1C21006-MS1) Prepared: 03/21/2011 10:14 Analyzed: 03/21/2011 12:59

Source: C102841-24

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	19.2		1.00	ug/L	20.0	0.210 U	96	51-145			
Benzene	20.2		1.00	ug/L	20.0	0.270 U	101	76-120			
Chlorobenzene	22.2		1.00	ug/L	20.0	0.240 U	111	80-124			
Trichloroethene	19.7		1.00	ug/L	20.0	0.240 U	99	80-120			
Surrogate: 4-Bromofluorobenzene	*4.67*			*mg/L*	*5.00*		*93*	*62-132*			
Surrogate: Dibromofluoromethane	*4.59*			*mg/L*	*5.00*		*92*	*73-134*			
Surrogate: Toluene-d8	*5.06*			*mg/L*	*5.00*		*101*	*66-138*			

Matrix Spike Dup (1C21006-MSD1) Prepared: 03/21/2011 10:14 Analyzed: 03/21/2011 13:27

Source: C102841-24

QUALITY CONTROL

TCLP Volatile Organics by GCMS - Quality Control

Batch 1C21006 - EPA 5030B_MS

Matrix Spike Dup (1C21006-MSD1) Continued Prepared: 03/21/2011 10:14 Analyzed: 03/21/2011 13:27

Source: C102841-24

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	18.4		1.00	ug/L	20.0	0.210 U	92	51-145	4	16	
Benzene	20.7		1.00	ug/L	20.0	0.270 U	103	76-120	2	17	
Chlorobenzene	22.4		1.00	ug/L	20.0	0.240 U	112	80-124	0.9	19	
Trichloroethene	20.2		1.00	ug/L	20.0	0.240 U	101	80-120	3	18	
Surrogate: 4-Bromofluorobenzene	*4.72*			*mg/L*	*5.00*		*94*	*62-132*			
Surrogate: Dibromofluoromethane	*4.40*			*mg/L*	*5.00*		*88*	*73-134*			
Surrogate: Toluene-d8	*4.95*			*mg/L*	*5.00*		*99*	*66-138*			

Classical Chemistry Parameters - Quality Control

Batch 1C14013 - EPA 1664A

Blank (1C14013-BLK1) Prepared: 03/14/2011 10:45 Analyzed: 03/16/2011 15:00

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Oil & Grease (HEM)	50.0	U	50.0	mg/kg wet							

LCS (1C14013-BS1) Prepared: 03/14/2011 10:45 Analyzed: 03/16/2011 15:00

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Oil & Grease (HEM)	1830		50.0	mg/kg wet	1950		94	61-118			

Matrix Spike (1C14013-MS1) Prepared: 03/14/2011 10:45 Analyzed: 03/16/2011 15:00

Source: B101265-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Oil & Grease (HEM)	54600		65.9	mg/kg dry	2550	47600	273	61-118			QM-17

Matrix Spike Dup (1C14013-MSD1) Prepared: 03/14/2011 10:45 Analyzed: 03/16/2011 15:00

Source: B101265-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Oil & Grease (HEM)	54600		65.9	mg/kg dry	2560	47600	273	61-118	0.09	17	QM-17

Batch 1C17007 - EPA 1664A

Blank (1C17007-BLK1) Prepared: 03/17/2011 10:16 Analyzed: 03/22/2011 11:48

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Oil & Grease (HEM)	50.0	U	50.0	mg/kg wet							

LCS (1C17007-BS1) Prepared: 03/17/2011 10:16 Analyzed: 03/22/2011 11:48

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Oil & Grease (HEM)	1960		50.0	mg/kg wet	2000		98	61-118			

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 1C17007 - EPA 1664A

Matrix Spike (1C17007-MS1) Prepared: 03/17/2011 10:16 Analyzed: 03/22/2011 11:48

Source: B101267-05

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Oil & Grease (HEM)	2920		57.1	mg/kg dry	2290	220	118	61-118			

Matrix Spike Dup (1C17007-MSD1) Prepared: 03/17/2011 10:16 Analyzed: 03/22/2011 11:48

Source: B101267-05

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Oil & Grease (HEM)	2620		57.1	mg/kg dry	2290	220	105	61-118	11	17	

QUALITY CONTROL

TCLP Semivolatile Organics by GCMS - Quality Control

Batch 1C15002 - EPA 3510C_MS

Blank (1C15002-BLK1) Prepared: 03/15/2011 10:00 Analyzed: 03/16/2011 20:26

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,4-Dichlorobenzene	0.0003	U	0.02	mg/L							
2,4,5-Trichlorophenol	0.0003	U	0.02	mg/L							
2,4,6-Trichlorophenol	0.0007	U	0.02	mg/L							
2,4-Dinitrotoluene	0.0004	U	0.02	mg/L							
2-Methylphenol	0.0003	U	0.02	mg/L							
3 & 4-Methylphenol	0.0007	U	0.02	mg/L							
Hexachlorobenzene	0.0002	U	0.02	mg/L							
Hexachlorobutadiene	0.0003	U	0.02	mg/L							
Hexachloroethane	0.0003	U	0.02	mg/L							
Nitrobenzene	0.0005	U	0.02	mg/L							
Pentachlorophenol	0.0007	U	0.02	mg/L							
Pyridine	0.0004	U	0.02	mg/L							
Surrogate: 2,4,6-Tribromophenol	*0.036*			*mg/L*	*0.0500*		*71*	*47-128*			
Surrogate: 2-Fluorobiphenyl	*0.029*			*mg/L*	*0.0500*		*58*	*44-102*			
Surrogate: 2-Fluorophenol	*0.019*			*mg/L*	*0.0500*		*38*	*25-79*			
Surrogate: Nitrobenzene-d5	*0.028*			*mg/L*	*0.0500*		*56*	*43-112*			
Surrogate: Phenol-d5	*0.014*			*mg/L*	*0.0500*		*28*	*14-54*			
Surrogate: Terphenyl-d14	*0.052*			*mg/L*	*0.0500*		*104*	*65-122*			

Blank (1C15002-BLK2) Prepared: 03/15/2011 10:00 Analyzed: 03/18/2011 11:13

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,4-Dichlorobenzene	0.002	U	0.10	mg/L							
2,4,5-Trichlorophenol	0.002	U	0.10	mg/L							
2,4,6-Trichlorophenol	0.003	U	0.10	mg/L							
2,4-Dinitrotoluene	0.002	U	0.10	mg/L							
2-Methylphenol	0.002	U	0.10	mg/L							
3 & 4-Methylphenol	0.004	U	0.10	mg/L							
Hexachlorobenzene	0.001	U	0.10	mg/L							
Hexachlorobutadiene	0.001	U	0.10	mg/L							
Hexachloroethane	0.002	U	0.10	mg/L							

QUALITY CONTROL

TCLP Semivolatile Organics by GCMS - Quality Control

Batch 1C15002 - EPA 3510C_MS

Blank (1C15002-BLK2) Continued Prepared: 03/15/2011 10:00 Analyzed: 03/18/2011 11:13

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Nitrobenzene	0.003	U	0.10	mg/L							
Pentachlorophenol	0.004	U	0.10	mg/L							
Pyridine	0.002	U	0.10	mg/L							
Surrogate: 2,4,6-Tribromophenol	*0.17*			*mg/L*	*0.250*		*67*	*47-128*			
Surrogate: 2-Fluorobiphenyl	*0.11*			*mg/L*	*0.250*		*44*	*44-102*			
Surrogate: 2-Fluorophenol	*0.057*			*mg/L*	*0.250*		*23*	*25-79*			*QS-03*
Surrogate: Nitrobenzene-d5	*0.10*			*mg/L*	*0.250*		*40*	*43-112*			*QS-03*
Surrogate: Phenol-d5	*0.038*			*mg/L*	*0.250*		*15*	*14-54*			
Surrogate: Terphenyl-d14	*0.25*			*mg/L*	*0.250*		*98*	*65-122*			

Blank (1C15002-BLK3) Prepared: 03/15/2011 10:00 Analyzed: 03/18/2011 11:42

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,4-Dichlorobenzene	0.002	U	0.10	mg/L							
2,4,5-Trichlorophenol	0.002	U	0.10	mg/L							
2,4,6-Trichlorophenol	0.003	U	0.10	mg/L							
2,4-Dinitrotoluene	0.002	U	0.10	mg/L							
2-Methylphenol	0.002	U	0.10	mg/L							
3 & 4-Methylphenol	0.004	U	0.10	mg/L							
Hexachlorobenzene	0.001	U	0.10	mg/L							
Hexachlorobutadiene	0.001	U	0.10	mg/L							
Hexachloroethane	0.002	U	0.10	mg/L							
Nitrobenzene	0.003	U	0.10	mg/L							
Pentachlorophenol	0.004	U	0.10	mg/L							
Pyridine	0.002	U	0.10	mg/L							
Surrogate: 2,4,6-Tribromophenol	*0.27*			*mg/L*	*0.250*		*108*	*47-128*			
Surrogate: 2-Fluorobiphenyl	*0.15*			*mg/L*	*0.250*		*60*	*44-102*			
Surrogate: 2-Fluorophenol	*0.080*			*mg/L*	*0.250*		*32*	*25-79*			
Surrogate: Nitrobenzene-d5	*0.14*			*mg/L*	*0.250*		*56*	*43-112*			
Surrogate: Phenol-d5	*0.052*			*mg/L*	*0.250*		*21*	*14-54*			
Surrogate: Terphenyl-d14	*0.35*			*mg/L*	*0.250*		*140*	*65-122*			*QS-03*

LCS (1C15002-BS1) Prepared: 03/15/2011 10:00 Analyzed: 03/16/2011 20:54

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,4-Dichlorobenzene	0.03		0.02	mg/L	0.0500		57	17-94			
Pentachlorophenol	0.02		0.02	mg/L	0.0500		44	27-100			
Surrogate: 2,4,6-Tribromophenol	*0.041*			*mg/L*	*0.0500*		*81*	*47-128*			
Surrogate: 2-Fluorobiphenyl	*0.034*			*mg/L*	*0.0500*		*67*	*44-102*			
Surrogate: 2-Fluorophenol	*0.023*			*mg/L*	*0.0500*		*45*	*25-79*			
Surrogate: Nitrobenzene-d5	*0.036*			*mg/L*	*0.0500*		*73*	*43-112*			
Surrogate: Phenol-d5	*0.015*			*mg/L*	*0.0500*		*30*	*14-54*			
Surrogate: Terphenyl-d14	*0.053*			*mg/L*	*0.0500*		*106*	*65-122*			

Matrix Spike (1C15002-MS1) Prepared: 03/15/2011 10:00 Analyzed: 03/16/2011 21:24

Source: A101331-07

QUALITY CONTROL

TCLP Semivolatile Organics by GCMS - Quality Control

Batch 1C15002 - EPA 3510C_MS

Matrix Spike (1C15002-MS1) Continued Prepared: 03/15/2011 10:00 Analyzed: 03/16/2011 21:24

Source: A101331-07

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,4-Dichlorobenzene	0.02		0.02	mg/L	0.0500	0.0003 U	49	17-94			
Pentachlorophenol	0.02		0.02	mg/L	0.0500	0.0007 U	49	27-100			
Surrogate: 2,4,6-Tribromophenol	*0.040*			*mg/L*	*0.0500*		*80*	*47-128*			
Surrogate: 2-Fluorobiphenyl	*0.032*			*mg/L*	*0.0500*		*64*	*44-102*			
Surrogate: 2-Fluorophenol	*0.020*			*mg/L*	*0.0500*		*40*	*25-79*			
Surrogate: Nitrobenzene-d5	*0.032*			*mg/L*	*0.0500*		*63*	*43-112*			
Surrogate: Phenol-d5	*0.014*			*mg/L*	*0.0500*		*28*	*14-54*			
Surrogate: Terphenyl-d14	*0.048*			*mg/L*	*0.0500*		*97*	*65-122*			

Matrix Spike Dup (1C15002-MSD1) Prepared: 03/15/2011 10:00 Analyzed: 03/16/2011 21:52

Source: A101331-07

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,4-Dichlorobenzene	0.03		0.02	mg/L	0.0500	0.0003 U	59	17-94	20	34	
Pentachlorophenol	0.02		0.02	mg/L	0.0500	0.0007 U	48	27-100	2	26	
Surrogate: 2,4,6-Tribromophenol	*0.041*			*mg/L*	*0.0500*		*81*	*47-128*			
Surrogate: 2-Fluorobiphenyl	*0.037*			*mg/L*	*0.0500*		*75*	*44-102*			
Surrogate: 2-Fluorophenol	*0.025*			*mg/L*	*0.0500*		*50*	*25-79*			
Surrogate: Nitrobenzene-d5	*0.038*			*mg/L*	*0.0500*		*77*	*43-112*			
Surrogate: Phenol-d5	*0.016*			*mg/L*	*0.0500*		*32*	*14-54*			
Surrogate: Terphenyl-d14	*0.049*			*mg/L*	*0.0500*		*98*	*65-122*			

TCLP Pesticides by GC - Quality Control

Batch 1C15007 - EPA 3510C

Blank (1C15007-BLK1) Prepared: 03/15/2011 11:25 Analyzed: 03/16/2011 20:34

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chlordane (tech)	6.2E-6	U	0.000050	mg/L							
Endrin	3.8E-6	U	0.000050	mg/L							
gamma-BHC	6.0E-6	U	0.000050	mg/L							
Heptachlor	7.6E-6	U	0.000050	mg/L							
Heptachlor epoxide	5.4E-6	U	0.000050	mg/L							
Methoxychlor	2.8E-6	U	0.000050	mg/L							
Toxaphene	0.000018	U	0.000050	mg/L							
Surrogate: 2,4,5,6-TCMX	*0.00048*			*mg/L*	*0.00100*		*48*	*38-142*			
Surrogate: Decachlorobiphenyl	*0.00086*			*mg/L*	*0.00100*		*86*	*34-159*			

Blank (1C15007-BLK2) Prepared: 03/15/2011 14:34 Analyzed: 03/21/2011 17:12

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chlordane (tech)	0.000031	U	0.00025	mg/L							
Endrin	0.000019	U	0.00025	mg/L							
gamma-BHC	0.000030	U	0.00025	mg/L							
Heptachlor	0.000038	U	0.00025	mg/L							

QUALITY CONTROL

TCLP Pesticides by GC - Quality Control

Batch 1C15007 - EPA 3510C

Blank (1C15007-BLK2) Continued Prepared: 03/15/2011 14:34 Analyzed: 03/21/2011 17:12

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Heptachlor epoxide	0.000027	U	0.00025	mg/L							
Methoxychlor	0.000014	U	0.00025	mg/L							
Toxaphene	0.000090	U	0.00025	mg/L							
Surrogate: 2,4,5,6-TCMX	*0.0032*			*mg/L*	*0.00500*		*65*	*38-142*			
Surrogate: Decachlorobiphenyl	*0.0041*			*mg/L*	*0.00500*		*82*	*34-159*			

LCS (1C15007-BS1) Prepared: 03/15/2011 11:25 Analyzed: 03/16/2011 20:47

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Endrin	0.0012		0.000050	mg/L	0.00100		121	28-143			
Surrogate: 2,4,5,6-TCMX	*0.00036*			*mg/L*	*0.00100*		*36*	*38-142*			*QS-03*
Surrogate: Decachlorobiphenyl	*0.00070*			*mg/L*	*0.00100*		*70*	*34-159*			

Matrix Spike (1C15007-MS1) Prepared: 03/15/2011 11:25 Analyzed: 03/16/2011 21:00

Source: A101331-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Endrin	0.0014		0.000050	mg/L	0.00100	3.8E-6 U	135	28-143			
Surrogate: 2,4,5,6-TCMX	*0.00052*			*mg/L*	*0.00100*		*52*	*38-142*			
Surrogate: Decachlorobiphenyl	*0.00075*			*mg/L*	*0.00100*		*75*	*34-159*			

Matrix Spike Dup (1C15007-MSD1) Prepared: 03/15/2011 11:25 Analyzed: 03/16/2011 21:14

Source: A101331-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Endrin	0.0013		0.000050	mg/L	0.00100	3.8E-6 U	130	28-143	4	22	
Surrogate: 2,4,5,6-TCMX	*0.00049*			*mg/L*	*0.00100*		*49*	*38-142*			
Surrogate: Decachlorobiphenyl	*0.00077*			*mg/L*	*0.00100*		*77*	*34-159*			

Batch 1C23012 - EPA 3510C

Blank (1C23012-BLK1) Prepared: 03/23/2011 07:00 Analyzed: 03/23/2011 12:43

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chlordane (tech)	6.2E-6	U	0.000050	mg/L							
Endrin	3.8E-6	U	0.000050	mg/L							
gamma-BHC	6.0E-6	U	0.000050	mg/L							
Heptachlor	7.6E-6	U	0.000050	mg/L							
Heptachlor epoxide	5.4E-6	U	0.000050	mg/L							
Methoxychlor	2.8E-6	U	0.000050	mg/L							
Toxaphene	0.000018	U	0.000050	mg/L							
Surrogate: 2,4,5,6-TCMX	*0.00096*			*mg/L*	*0.00100*		*96*	*38-142*			
Surrogate: Decachlorobiphenyl	*0.0010*			*mg/L*	*0.00100*		*104*	*34-159*			

Blank (1C23012-BLK2) Prepared: 03/23/2011 07:00 Analyzed: 03/23/2011 12:56

QUALITY CONTROL

TCLP Pesticides by GC - Quality Control

Batch 1C23012 - EPA 3510C

Blank (1C23012-BLK2) Continued Prepared: 03/23/2011 07:00 Analyzed: 03/23/2011 12:56

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chlordane (tech)	6.2E-6	U	0.000050	mg/L							
Endrin	3.8E-6	U	0.000050	mg/L							
gamma-BHC	6.0E-6	U	0.000050	mg/L							
Heptachlor	7.6E-6	U	0.000050	mg/L							
Heptachlor epoxide	5.4E-6	U	0.000050	mg/L							
Methoxychlor	2.8E-6	U	0.000050	mg/L							
Toxaphene	0.000018	U	0.000050	mg/L							
Surrogate: 2,4,5,6-TCMX	*0.00066*			*mg/L*	*0.00100*		*66*	*38-142*			
Surrogate: Decachlorobiphenyl	*0.0012*			*mg/L*	*0.00100*		*120*	*34-159*			

LCS (1C23012-BS1) Prepared: 03/23/2011 07:00 Analyzed: 03/23/2011 13:10

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Endrin	0.0012		0.000050	mg/L	0.00100		117	28-143			
Surrogate: 2,4,5,6-TCMX	*0.00065*			*mg/L*	*0.00100*		*65*	*38-142*			
Surrogate: Decachlorobiphenyl	*0.00072*			*mg/L*	*0.00100*		*72*	*34-159*			

Matrix Spike (1C23012-MS1) Prepared: 03/23/2011 07:00 Analyzed: 03/23/2011 13:23

Source: A101446-02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Endrin	0.00090		0.000050	mg/L	0.00100	3.8E-6 U	90	28-143			
Surrogate: 2,4,5,6-TCMX	*0.00042*			*mg/L*	*0.00100*		*42*	*38-142*			
Surrogate: Decachlorobiphenyl	*0.00062*			*mg/L*	*0.00100*		*62*	*34-159*			

Matrix Spike Dup (1C23012-MSD1) Prepared: 03/23/2011 07:00 Analyzed: 03/23/2011 13:36

Source: A101446-02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Endrin	0.0014		0.000050	mg/L	0.00100	3.8E-6 U	136	28-143	41	22	QM-11
Surrogate: 2,4,5,6-TCMX	*0.00078*			*mg/L*	*0.00100*		*78*	*38-142*			
Surrogate: Decachlorobiphenyl	*0.00086*			*mg/L*	*0.00100*		*86*	*34-159*			

TCLP Herbicides by GC - Quality Control

Batch 1C15006 - EPA 3510C

Blank (1C15006-BLK1) Prepared: 03/15/2011 16:45 Analyzed: 03/17/2011 16:33

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
2,4,5-TP (Silvex)	0.00003	U	0.0001	mg/L							
2,4-D	0.00003	U	0.0001	mg/L							
Surrogate: 2,4-DCAA	*0.0020*			*mg/L*	*0.00200*		*101*	*68-139*			

Blank (1C15006-BLK2) Prepared: 03/15/2011 16:45 Analyzed: 03/17/2011 16:57

QUALITY CONTROL

TCLP Herbicides by GC - Quality Control

Batch 1C15006 - EPA 3510C

Blank (1C15006-BLK2) Continued Prepared: 03/15/2011 16:45 Analyzed: 03/17/2011 16:57

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
2,4,5-TP (Silvex)	0.0002	U	0.0005	mg/L							
2,4-D	0.0002	U	0.0005	mg/L							
Surrogate: 2,4-DCAA	*0.0096*			*mg/L*	*0.0100*		*96*	*68-139*			

Blank (1C15006-BLK3) Prepared: 03/15/2011 16:45 Analyzed: 03/17/2011 17:21

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
2,4,5-TP (Silvex)	0.0002	U	0.0005	mg/L							
2,4-D	0.0002	U	0.0005	mg/L							
Surrogate: 2,4-DCAA	*0.0091*			*mg/L*	*0.0100*		*91*	*68-139*			

LCS (1C15006-BS1) Prepared: 03/15/2011 16:45 Analyzed: 03/17/2011 17:45

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
2,4,5-TP (Silvex)	0.0020		0.0001	mg/L	0.00200		101	68-154			
2,4-D	0.0030		0.0001	mg/L	0.00200		152	62-144			QL-02
Surrogate: 2,4-DCAA	*0.0022*			*mg/L*	*0.00200*		*109*	*68-139*			

Matrix Spike (1C15006-MS1) Prepared: 03/15/2011 16:45 Analyzed: 03/17/2011 18:09

Source: A101331-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
2,4,5-TP (Silvex)	0.0018		0.0001	mg/L	0.00200	0.00003 U	92	68-154			
2,4-D	0.0028		0.0001	mg/L	0.00200	0.00003 U	140	62-144			
Surrogate: 2,4-DCAA	*0.0019*			*mg/L*	*0.00200*		*93*	*68-139*			

Matrix Spike Dup (1C15006-MSD1) Prepared: 03/15/2011 16:45 Analyzed: 03/17/2011 18:33

Source: A101331-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
2,4,5-TP (Silvex)	0.0018		0.0001	mg/L	0.00200	0.00003 U	90	68-154	2	15	
2,4-D	0.0026		0.0001	mg/L	0.00200	0.00003 U	130	62-144	7	33	
Surrogate: 2,4-DCAA	*0.0019*			*mg/L*	*0.00200*		*93*	*68-139*			

TCLP Metals by 6000/7000 Series Methods - Quality Control

Batch 1C14012 - EPA 7470A

Blank (1C14012-BLK1) Prepared: 03/17/2011 12:43 Analyzed: 03/18/2011 07:04

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.00001	U	0.0002	mg/L							

Blank (1C14012-BLK2) Prepared: 03/17/2011 12:43 Analyzed: 03/18/2011 07:07

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

QUALITY CONTROL

TCLP Metals by 6000/7000 Series Methods - Quality Control

Batch 1C14012 - EPA 7470A

Blank (1C14012-BLK2) Continued Prepared: 03/17/2011 12:43 Analyzed: 03/18/2011 07:07

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.0001	U	0.002	mg/L							

LCS (1C14012-BS1) Prepared: 03/17/2011 12:43 Analyzed: 03/18/2011 07:10

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.005		0.0002	mg/L	0.00500		104	85-115			

Matrix Spike (1C14012-MS1) Prepared: 03/17/2011 12:43 Analyzed: 03/18/2011 07:16

Source: A101235-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.006		0.0002	mg/L	0.00500	0.00001 U	111	85-115			

Matrix Spike Dup (1C14012-MSD1) Prepared: 03/17/2011 12:43 Analyzed: 03/18/2011 07:19

Source: A101235-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.005		0.0002	mg/L	0.00500	0.00001 U	109	85-115	2	10	

Post Spike (1C14012-PS1) Prepared: 03/18/2011 06:00 Analyzed: 03/18/2011 07:23

Source: A101235-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.19		0.200	ug/L	5.61	-0.024	93	0-200			

Batch 1C14029 - EPA 3010A

Blank (1C14029-BLK1) Prepared: 03/15/2011 13:58 Analyzed: 03/17/2011 14:02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	0.205	UD	25.0	mg/L							
Barium	0.850	UD	250	mg/L							
Cadmium	0.0550	UD	7.50	mg/L							
Chromium	0.225	UD	25.0	mg/L							
Lead	0.0800	UD	12.5	mg/L							
Selenium	0.265	UD	25.0	mg/L							
Silver	0.0145	UD	2.50	mg/L							

Blank (1C14029-BLK2) Prepared: 03/15/2011 13:58 Analyzed: 03/17/2011 14:09

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	0.205	UD	25.0	mg/L							
Barium	0.850	UD	250	mg/L							
Cadmium	0.0550	UD	7.50	mg/L							
Chromium	0.225	UD	25.0	mg/L							
Lead	0.0800	UD	12.5	mg/L							
Selenium	0.265	UD	25.0	mg/L							

QUALITY CONTROL

TCLP Metals by 6000/7000 Series Methods - Quality Control

Batch 1C14029 - EPA 3010A

Blank (1C14029-BLK2) Continued Prepared: 03/15/2011 13:58 Analyzed: 03/17/2011 14:09

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Silver	0.0145	UD	2.50	mg/L							

Blank (1C14029-BLK3) Prepared: 03/15/2011 13:58 Analyzed: 03/17/2011 14:16

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	0.205	UD	25.0	mg/L							
Barium	0.850	UD	250	mg/L							
Cadmium	0.0550	UD	7.50	mg/L							
Chromium	0.225	UD	25.0	mg/L							
Lead	0.0800	UD	12.5	mg/L							
Selenium	0.265	UD	25.0	mg/L							
Silver	0.0145	UD	2.50	mg/L							

LCS (1C14029-BS1) Prepared: 03/15/2011 13:58 Analyzed: 03/17/2011 14:23

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	24.9	JD	25.0	mg/L	25.0		100	80-120			
Barium	25.3	JD	250	mg/L	25.0		101	80-120			
Cadmium	2.52	JD	7.50	mg/L	2.50		101	80-120			
Chromium	25.8	D	25.0	mg/L	25.0		103	80-120			
Lead	25.2	D	12.5	mg/L	25.0		101	80-120			
Selenium	24.9	JD	25.0	mg/L	25.0		100	80-120			
Silver	2.48	JD	2.50	mg/L	2.50		99	80-120			

Matrix Spike (1C14029-MS1) Prepared: 03/15/2011 13:58 Analyzed: 03/17/2011 14:40

Source: C102841-21

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	24.9	JD	25.0	mg/L	25.0	0.205 U	100	80-120			
Barium	25.4	JD	250	mg/L	25.0	0.850 U	102	80-120			
Cadmium	2.46	JD	7.50	mg/L	2.50	0.0550 U	98	80-120			
Chromium	25.8	D	25.0	mg/L	25.0	0.225 U	103	80-120			
Lead	24.7	D	12.5	mg/L	25.0	0.0800 U	99	80-120			
Selenium	25.3	D	25.0	mg/L	25.0	0.265 U	101	80-120			
Silver	2.46	JD	2.50	mg/L	2.50	0.0145 U	98	80-120			

Matrix Spike Dup (1C14029-MSD1) Prepared: 03/15/2011 13:58 Analyzed: 03/17/2011 14:48

Source: C102841-21

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	25.0	D	25.0	mg/L	25.0	0.205 U	100	80-120	0.4	20	
Barium	25.8	JD	250	mg/L	25.0	0.850 U	103	80-120	2	20	
Cadmium	2.50	JD	7.50	mg/L	2.50	0.0550 U	100	80-120	2	20	
Chromium	26.1	D	25.0	mg/L	25.0	0.225 U	104	80-120	1	20	
Lead	25.1	D	12.5	mg/L	25.0	0.0800 U	100	80-120	2	20	
Selenium	24.3	JD	25.0	mg/L	25.0	0.265 U	97	80-120	4	20	
Silver	2.49	JD	2.50	mg/L	2.50	0.0145 U	99	80-120	1	20	

QUALITY CONTROL

TCLP Metals by 6000/7000 Series Methods - Quality Control

Batch 1C14029 - EPA 3010A

Post Spike (1C14029-PS1) Prepared: 03/17/2011 12:00 Analyzed: 03/17/2011 14:57

Source: C102841-21

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	49.1		50.0	ug/L	49.0	-0.0583	100	75-125			
Barium	50.4		500	ug/L	49.0	0.231	102	75-125			
Cadmium	4.82		15.0	ug/L	4.90	-0.00912	98	75-125			
Chromium	50.9		50.0	ug/L	49.0	0.0350	104	75-125			
Lead	48.6		25.0	ug/L	49.0	0.0483	99	75-125			
Selenium	47.2		50.0	ug/L	49.0	0.303	96	75-125			
Silver	4.88		5.00	ug/L	4.90	0.00843	99	75-125			

FLAGS/NOTES AND DEFINITIONS

B	The analyte was detected in the associated method blank.
D	The sample was analyzed at dilution.
J	The reported value is between the laboratory method detection limit (MDL) and the laboratory method reporting limit (MRL), adjusted for actual sample preparation data and moisture content, where applicable.
U	The analyte was analyzed for but not detected to the level shown, adjusted for actual sample preparation data and moisture content, where applicable.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
MRL	Method Reporting Limit. The MRL is roughly equivalent to the practical quantitation limit (PQL) and is based on the low point of the calibration curve, when applicable, sample preparation factor, dilution factor, and, in the case of soil samples, moisture content.
QB-01	The method blank had a positive result for the analyte; however, the concentration in the method blank is less than 10% of the sample result, which minimizes the impact of the deviation.
QL-02	The associated laboratory control sample exhibited high bias; since the result is ND, the impact on data quality is minimal.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-11	Precision between duplicate matrix spikes of the same sample was outside acceptance limits.
QM-17	Matrix spike recovery was outside acceptance limits due to high concentrations of analyte in source sample.
QS-03	Surrogate recovery outside acceptance limits
QV-01	The associated continuing calibration verification standard exhibited high bias; since the result is ND, the impact on data quality is minimal.
R-05	The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

10775 Central Port Dr.
Orlando, FL 32824
(407) 826-5314 Fax (407) 850-6945

4810 Executive Park Court, Suite 211
Jacksonville, FL 32216-6069
(904) 296-3007 Fax (904) 296-6210

102-A Woodwinds Industrial Ct.
Cary, NC 27511
(919) 467-3090 Fax (919) 467-3515

Client Name: F+K	Project Number: 6611-0200
Address: 310 Hillsborough St	Project Name/Desc: Point Harbor Site
City/ST/Zip: Raleigh NC	PO # / Billing Info:
Tel: 919-828-3441 Fax: 919-828-5757	Reporting Contact: M. Sabodish
Sampler(s) Name, Affiliation (Print): M. Sabodish	Billing Contact: M. Sabodish
Sampler(s) Signature: Michael J. Sabodish	Facility # (if required):

Requested Analyses: 8260B; 8270 SIM; % Solids, 8015B, 8270D, Cr, Pb

Requested Turnaround Times: Note: Rush requests subject to acceptance by the facility

X Standard

___ Expedited

Due __/__/__

Lab Workorder: C102841

Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers				Sample Comments
	SP-8 NSW	3/8/11	12:35p	G	SO	5	X	X	X	
	SP-8 SSW	↓	↓	↓	↓	↓	X	X	X	
	SP-8 ESW	↓	↓	↓	↓	↓	X	X	X	
	SP-8 WSW	↓	↓	↓	↓	↓	X	X	X	
	SP-8 BAR	↓	↓	↓	↓	↓	X	X	X	
	SP-11 NSW	3/8/11	2:35p	G	SO	5	X	X	X	
	SP-11 SSW	↓	↓	↓	↓	↓	X	X	X	
	SP-11 ESW	↓	↓	↓	↓	↓	X	X	X	
	SP-11 WSW	↓	↓	↓	↓	↓	X	X	X	
	SP-11 BAR	↓	↓	↓	↓	↓	X	X	X	
	SP-6 NSW	3/8/11	4:15p	G	SO	5	X	X	X	
	SP-6 SSW	3/8/11	4:15p	G	SO	5	X	X	X	

<- Total # of Containers

Sample Kit Prepared By	Date/Time	Relinquished By: Michael J. Sabodish	Date/Time: 3/9/11 12:50 p	Received By: Briana Gregory	Date/Time: 3/9/11 12:50
Comments		Relinquished By	Date/Time	Received By	Date/Time
		Relinquished By	Date/Time	Received By	Date/Time

Cooler #'s & Temps on Receipt: C-799 1.9°C C-327 2.2°C

Condition Upon Receipt: X Acceptable ___ Unacceptable

Matrix: GW-Groundwater SO-Soil SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments)

Preservation: I-Ice H-HCl N-HNO3 S-H2SO4 NO-NaOH O-Other (detail in comments)

Note: All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreements exist

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ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

10775 Central Port Dr.
Orlando, FL 32824
(407) 826-5314 Fax (407) 850-6945

4810 Executive Park Court, Suite 211
Jacksonville, FL 32216-6069
(904) 296-3007 Fax (904) 296-6210

102-A Woodwinds Industrial CL
Cary, NC 27511
(919) 467-3090 Fax (919) 467-3515

Client Name: F+K	Project Number: 66M-020C
Address: 310 Hubert St	Project Name/Desc: Point Harbor Site
City/ST/Zip: Raleigh NC	PO # / Billing Info:
Tel: 919-828-3441 Fax: 919-828-5757	Reporting Contact: M. SABOONIH
Sampler(s) Name, Affiliation (Print): M. SABOONIH	Billing Contact: M. SABOONIH
Sampler(s) Signature: Michel S. Saboonih	Facility # (if required):

Requested Turnaround Times
Note : Rush requests subject to acceptance by the facility
X Standard
___ Expedited
Due __/__/__

Lab Workorder: C102841

Requested Analyses / Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	8260B	O&G 9071B	% solids, 8081B, 8082A, 8270D, Cr, Pb	8270D TCLP	TCLP 8260B	TCLP Hg	TCLPs				Sample Comments
	SP-6 ESW	3/8/11	4:15p	G	SO	5	X	X	X								
	SP-6 BWSW	↓	↓	↓	↓	↓	X	X	X								
	SP-6 BASE	↓	↓	↓	↓	↓	X	X	X								
	SP-1 NSW	3/9/11	9:00A	G	SO	5	X	X	X								
	SP-1 SSW	↓	↓	↓	↓	↓	X	X	X								
	SP-1 ESW	↓	↓	↓	↓	↓	X	X	X								
	SP-1 WSW	↓	↓	↓	↓	↓	X	X	X								
	SP-1 BASE	↓	↓	↓	↓	↓											
	SP-8 STOCKPILE	3/8/11	12:35	C	SO	3				X	X	X	X				
	SP-11 STOCKPILE	3/8/11	2:35p	C	SO	3				X	X	X	X				
	SP-6 STOCKPILE	3/8/11	4:15p	C	SO	3				X	X	X	X				
	SP-1 STOCKPILE	3/9/11	9:00A	C	SO	3				X	X	X	X				

<-- Total # of Containers

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
		Michel S. Saboonih	3/9/11 12:5p	Bruna Gregory	3/9/11 12:50
Comments		Relinquished By	Date/Time	Received By	Date/Time
		Relinquished By	Date/Time	Received By	Date/Time

Cooler #'s & Temps on Receipt: C-327 2.2°C C-799 1.9°C

Condition Upon Receipt: X Acceptable ___ Unacceptable

Matrix : GW-Groundwater SO-Soil SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments)

Preservation: I-Ice H-HCl N-HNO3 S-H2SO4 NO-NaOH O-Other (detail in comments)

Note : All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreements exist

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GROUNDWATER DATA COLLECTED BY F&R

FROM

MONITORING WELLS MW-1 THROUGH MW-4

5/12/11

Environmental Conservation Laboratories, Inc.
102-A Woodwinds Industrial Court
Cary NC, 27511
Phone: 919.467.3090 FAX: 919.467.3515
www.encolabs.com

Thursday, May 19, 2011

Froehling and Robertson (FR004)

Attn: Mike Sabodish

310 Hubert Street

Raleigh, NC 27603

RE: Laboratory Results for
Project Number: 66M-0200-0001, Project Name/Desc: Point Harbor Site
ENCO Workorder: C105544

Dear Mike Sabodish,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Thursday, May 12, 2011.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

The analytical results contained in this report are in compliance with NELAC standards, except as noted in the project narrative. This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Unless otherwise noted, all analyses were performed at ENCO Cary. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Chuck Smith

Chuck Smith

Project Manager

Enclosure(s)

The total number of pages in this report, including this page is 29.

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW1	Lab ID: C105544-01		Sampled: 05/12/11 08:58		Received: 05/12/11 13:34
Parameter	**Hold Date/Time(s)**		**Prep Date/Time(s)**		**Analysis Date/Time(s)**
EPA 1664A	06/09/11		05/18/11	13:47	5/19/2011 14:09
EPA 6010C	11/08/11		05/13/11	08:38	5/16/2011 12:09
EPA 625	05/19/11	06/22/11	05/13/11	04:01	5/13/2011 21:21

Client ID: MW2	Lab ID: C105544-02		Sampled: 05/12/11 09:45		Received: 05/12/11 13:34
Parameter	**Hold Date/Time(s)**		**Prep Date/Time(s)**		**Analysis Date/Time(s)**
EPA 1664A	06/09/11		05/18/11	13:47	5/19/2011 14:09
EPA 6010C	11/08/11		05/13/11	08:38	5/16/2011 12:25
EPA 625	05/19/11	06/22/11	05/13/11	04:01	5/13/2011 20:04

Client ID: MW3	Lab ID: C105544-03		Sampled: 05/12/11 10:30		Received: 05/12/11 13:34
Parameter	**Hold Date/Time(s)**		**Prep Date/Time(s)**		**Analysis Date/Time(s)**
EPA 1664A	06/09/11		05/18/11	13:47	5/19/2011 14:09
EPA 6010C	11/08/11		05/13/11	08:38	5/16/2011 12:27
EPA 625	05/19/11	06/22/11	05/13/11	04:01	5/13/2011 20:30

Client ID: MW4	Lab ID: C105544-04		Sampled: 05/12/11 11:18		Received: 05/12/11 13:34
Parameter	**Hold Date/Time(s)**		**Prep Date/Time(s)**		**Analysis Date/Time(s)**
EPA 1664A	06/09/11		05/18/11	13:47	5/19/2011 14:09
EPA 6010C	11/08/11		05/13/11	08:38	5/16/2011 12:29
EPA 625	05/19/11	06/22/11	05/13/11	04:01	5/13/2011 20:55

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SAMPLE DETECTION SUMMARY

Client ID: MW1 **Lab ID: C105544-01**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chromium - Total	38.4		1.00	10.0	ug/L	EPA 6010C	
Lead - Total	30.3		1.90	10.0	ug/L	EPA 6010C	

Client ID: MW2 **Lab ID: C105544-02**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chromium - Total	1.82	J	1.00	10.0	ug/L	EPA 6010C	
Lead - Total	3.83	J	1.90	10.0	ug/L	EPA 6010C	
Oil & Grease (HEM-SGT) Non-Polar Material	3.93	J	3.00	5.00	mg/L	EPA 1664A	
Unknown	5.1	JB			ug/L	EPA 625	B

Client ID: MW3 **Lab ID: C105544-03**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Benzoic acid, 2,4,5-trimeth...	11	J			ug/L	EPA 625	
Benzoic acid, 2,4,6-trimethyl-	8.4	J			ug/L	EPA 625	
Bicyclo[2.2.1]heptan-2-one,...	8.8	J			ug/L	EPA 625	
Chromium - Total	8.17	J	1.00	10.0	ug/L	EPA 6010C	
Dodecanoic acid	7.0	J			ug/L	EPA 625	
Lead - Total	14.2		1.90	10.0	ug/L	EPA 6010C	
n-Hexadecanoic acid	5.0	J			ug/L	EPA 625	
Phenol, 4-(1,1,3,3-tetramet...	6.7	J			ug/L	EPA 625	
Unknown (01)	5.5	J			ug/L	EPA 625	
Unknown (02)	5.2	J			ug/L	EPA 625	
Unknown (03)	12	J			ug/L	EPA 625	

Client ID: MW4 **Lab ID: C105544-04**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Acenaphthene	4.5	J	1.4	10	ug/L	EPA 625	
Chromium - Total	20.9		1.00	10.0	ug/L	EPA 6010C	
Cyclic octaatomic sulfur	4.4	J			ug/L	EPA 625	
Dodecanoic acid	14	J			ug/L	EPA 625	
Lead - Total	103		1.90	10.0	ug/L	EPA 6010C	
Oil & Grease (HEM-SGT) Non-Polar Material	3.68	J	3.00	5.00	mg/L	EPA 1664A	
Unknown (01)	5.4	J			ug/L	EPA 625	
Unknown (02)	8.3	JB			ug/L	EPA 625	B
Unknown (03)	4.6	J			ug/L	EPA 625	

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ANALYTICAL RESULTS

Description: MW1
Matrix: Ground Water
Project: Point Harbor Site

Lab Sample ID: C105544-01
Sampled: 05/12/11 08:58
Sampled By: Mike Sabodish

Received: 05/12/11 13:34
Work Order: C105544

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 21:21	DFM	
1,2-Dichlorobenzene [95-50-1] ^	1.1	U	ug/L	1	1.1	10	1E13001	EPA 625	05/13/11 21:21	DFM	
1,3-Dichlorobenzene [541-73-1] ^	1.1	U	ug/L	1	1.1	10	1E13001	EPA 625	05/13/11 21:21	DFM	
1,4-Dichlorobenzene [106-46-7] ^	1.0	U	ug/L	1	1.0	10	1E13001	EPA 625	05/13/11 21:21	DFM	
1-Methylnaphthalene [90-12-0] ^	1.7	U	ug/L	1	1.7	10	1E13001	EPA 625	05/13/11 21:21	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	1.1	U	ug/L	1	1.1	10	1E13001	EPA 625	05/13/11 21:21	DFM	
2,4-Dichlorophenol [120-83-2] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 21:21	DFM	
2,4-Dimethylphenol [105-67-9] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 21:21	DFM	
2,4-Dinitrophenol [51-28-5] ^	2.6	U	ug/L	1	2.6	10	1E13001	EPA 625	05/13/11 21:21	DFM	
2,4-Dinitrotoluene [121-14-2] ^	2.4	U	ug/L	1	2.4	10	1E13001	EPA 625	05/13/11 21:21	DFM	
2,6-Dinitrotoluene [606-20-2] ^	1.5	U	ug/L	1	1.5	10	1E13001	EPA 625	05/13/11 21:21	DFM	
2-Chloronaphthalene [91-58-7] ^	1.0	U	ug/L	1	1.0	10	1E13001	EPA 625	05/13/11 21:21	DFM	
2-Chlorophenol [95-57-8] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 21:21	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	2.9	U	ug/L	1	2.9	10	1E13001	EPA 625	05/13/11 21:21	DFM	
2-Methylnaphthalene [91-57-6] ^	1.5	U	ug/L	1	1.5	10	1E13001	EPA 625	05/13/11 21:21	DFM	
2-Nitrophenol [88-75-5] ^	1.1	U	ug/L	1	1.1	10	1E13001	EPA 625	05/13/11 21:21	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	3.3	U	ug/L	1	3.3	10	1E13001	EPA 625	05/13/11 21:21	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	1.0	U	ug/L	1	1.0	10	1E13001	EPA 625	05/13/11 21:21	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	1.5	U	ug/L	1	1.5	10	1E13001	EPA 625	05/13/11 21:21	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	1.6	U	ug/L	1	1.6	10	1E13001	EPA 625	05/13/11 21:21	DFM	
4-Nitrophenol [100-02-7] ^	2.0	U	ug/L	1	2.0	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Acenaphthene [83-32-9] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Acenaphthylene [208-96-8] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Anthracene [120-12-7] ^	1.6	U	ug/L	1	1.6	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Benzidine [92-87-5] ^	1.6	U	ug/L	1	1.6	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Benzo(a)anthracene [56-55-3] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Benzo(a)pyrene [50-32-8] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Benzo(b)fluoranthene [205-99-2] ^	1.0	U	ug/L	1	1.0	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	2.4	U	ug/L	1	2.4	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Benzo(k)fluoranthene [207-08-9] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	1.7	U	ug/L	1	1.7	5.0	1E13001	EPA 625	05/13/11 21:21	DFM	
Butylbenzylphthalate [85-68-7] ^	2.0	U	ug/L	1	2.0	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Chrysene [218-01-9] ^	2.0	U	ug/L	1	2.0	10	1E13001	EPA 625	05/13/11 21:21	DFM	QV-02
Dibenzo(a,h)anthracene [53-70-3] ^	2.3	U	ug/L	1	2.3	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Diethylphthalate [84-66-2] ^	2.1	U	ug/L	1	2.1	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Dimethylphthalate [131-11-3] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Di-n-butylphthalate [84-74-2] ^	1.5	U	ug/L	1	1.5	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Di-n-octylphthalate [117-84-0] ^	3.1	U	ug/L	1	3.1	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Fluoranthene [206-44-0] ^	2.1	U	ug/L	1	2.1	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Fluorene [86-73-7] ^	1.7	U	ug/L	1	1.7	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Hexachlorobenzene [118-74-1] ^	1.0	U	ug/L	1	1.0	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Hexachlorobutadiene [87-68-3] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Hexachloroethane [67-72-1] ^	1.1	U	ug/L	1	1.1	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	2.2	U	ug/L	1	2.2	10	1E13001	EPA 625	05/13/11 21:21	DFM	

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Description: MW1
Matrix: Ground Water
Project: Point Harbor Site

Lab Sample ID: C105544-01
Sampled: 05/12/11 08:58
Sampled By: Mike Sabodish

Received: 05/12/11 13:34
Work Order: C105544

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Isophorone [78-59-1] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Naphthalene [91-20-3] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Nitrobenzene [98-95-3] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 21:21	DFM	
N-Nitrosodimethylamine [62-75-9] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 21:21	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	1.5	U	ug/L	1	1.5	10	1E13001	EPA 625	05/13/11 21:21	DFM	
N-Nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	2.1	U	ug/L	1	2.1	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Pentachlorophenol [87-86-5] ^	1.8	U	ug/L	1	1.8	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Phenanthrene [85-01-8] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Phenol [108-95-2] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 21:21	DFM	
Pyrene [129-00-0] ^	2.1	U	ug/L	1	2.1	10	1E13001	EPA 625	05/13/11 21:21	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*82*	*1*	*100*	*82 %*	*18-157*	*1E13001*	*EPA 625*	*05/13/11 21:21*	*DFM*	
2-Fluorobiphenyl	*39*	*1*	*50.0*	*78 %*	*15-139*	*1E13001*	*EPA 625*	*05/13/11 21:21*	*DFM*	
2-Fluorophenol	*49*	*1*	*100*	*49 %*	*10-104*	*1E13001*	*EPA 625*	*05/13/11 21:21*	*DFM*	
Nitrobenzene-d5	*36*	*1*	*50.0*	*72 %*	*16-140*	*1E13001*	*EPA 625*	*05/13/11 21:21*	*DFM*	
Phenol-d5	*44*	*1*	*100*	*44 %*	*10-83*	*1E13001*	*EPA 625*	*05/13/11 21:21*	*DFM*	
Terphenyl-d14	*44*	*1*	*50.0*	*87 %*	*23-164*	*1E13001*	*EPA 625*	*05/13/11 21:21*	*DFM*	

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Description: MW1
Matrix: Ground Water
Project: Point Harbor Site

Lab Sample ID: C105544-01
Sampled: 05/12/11 08:58
Sampled By: Mike Sabodish

Received: 05/12/11 13:34
Work Order: C105544

Metals (acid extractable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	**38.4**		ug/L	1	1.00	10.0	1E13006	EPA 6010C	05/16/11 12:09	JDH	
Lead [7439-92-1] ^	**30.3**		ug/L	1	1.90	10.0	1E13006	EPA 6010C	05/16/11 12:09	JDH	

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Description: MW1
Matrix: Ground Water
Project: Point Harbor Site

Lab Sample ID: C105544-01
Sampled: 05/12/11 08:58
Sampled By: Mike Sabodish

Received: 05/12/11 13:34
Work Order: C105544

Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM-SGT) Non-Polar Material [ECL-0104] ^	3.00	U	mg/L	1	3.00	5.00	1E18005	EPA 1664A	05/19/11 14:09	MJF	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: MW2 | **Lab Sample ID:** C105544-02 | **Received:** 05/12/11 13:34

Matrix: Ground Water | **Sampled:** 05/12/11 09:45 | **Work Order:** C105544

Project: Point Harbor Site | **Sampled By:** Mike Sabodish

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 20:04	DFM	
1,2-Dichlorobenzene [95-50-1] ^	1.1	U	ug/L	1	1.1	10	1E13001	EPA 625	05/13/11 20:04	DFM	
1,3-Dichlorobenzene [541-73-1] ^	1.1	U	ug/L	1	1.1	10	1E13001	EPA 625	05/13/11 20:04	DFM	
1,4-Dichlorobenzene [106-46-7] ^	1.0	U	ug/L	1	1.0	10	1E13001	EPA 625	05/13/11 20:04	DFM	
1-Methylnaphthalene [90-12-0] ^	1.7	U	ug/L	1	1.7	10	1E13001	EPA 625	05/13/11 20:04	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	1.1	U	ug/L	1	1.1	10	1E13001	EPA 625	05/13/11 20:04	DFM	
2,4-Dichlorophenol [120-83-2] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 20:04	DFM	
2,4-Dimethylphenol [105-67-9] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:04	DFM	
2,4-Dinitrophenol [51-28-5] ^	2.6	U	ug/L	1	2.6	10	1E13001	EPA 625	05/13/11 20:04	DFM	
2,4-Dinitrotoluene [121-14-2] ^	2.4	U	ug/L	1	2.4	10	1E13001	EPA 625	05/13/11 20:04	DFM	
2,6-Dinitrotoluene [606-20-2] ^	1.5	U	ug/L	1	1.5	10	1E13001	EPA 625	05/13/11 20:04	DFM	
2-Chloronaphthalene [91-58-7] ^	1.0	U	ug/L	1	1.0	10	1E13001	EPA 625	05/13/11 20:04	DFM	
2-Chlorophenol [95-57-8] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 20:04	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	2.9	U	ug/L	1	2.9	10	1E13001	EPA 625	05/13/11 20:04	DFM	
2-Methylnaphthalene [91-57-6] ^	1.5	U	ug/L	1	1.5	10	1E13001	EPA 625	05/13/11 20:04	DFM	
2-Nitrophenol [88-75-5] ^	1.1	U	ug/L	1	1.1	10	1E13001	EPA 625	05/13/11 20:04	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	3.3	U	ug/L	1	3.3	10	1E13001	EPA 625	05/13/11 20:04	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	1.0	U	ug/L	1	1.0	10	1E13001	EPA 625	05/13/11 20:04	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	1.5	U	ug/L	1	1.5	10	1E13001	EPA 625	05/13/11 20:04	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	1.6	U	ug/L	1	1.6	10	1E13001	EPA 625	05/13/11 20:04	DFM	
4-Nitrophenol [100-02-7] ^	2.0	U	ug/L	1	2.0	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Acenaphthene [83-32-9] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Acenaphthylene [208-96-8] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Anthracene [120-12-7] ^	1.6	U	ug/L	1	1.6	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Benzidine [92-87-5] ^	1.6	U	ug/L	1	1.6	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Benzo(a)anthracene [56-55-3] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Benzo(a)pyrene [50-32-8] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Benzo(b)fluoranthene [205-99-2] ^	1.0	U	ug/L	1	1.0	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	2.4	U	ug/L	1	2.4	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Benzo(k)fluoranthene [207-08-9] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	1.7	U	ug/L	1	1.7	5.0	1E13001	EPA 625	05/13/11 20:04	DFM	
Butylbenzylphthalate [85-68-7] ^	2.0	U	ug/L	1	2.0	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Chrysene [218-01-9] ^	2.0	U	ug/L	1	2.0	10	1E13001	EPA 625	05/13/11 20:04	DFM	QV-02
Dibenzo(a,h)anthracene [53-70-3] ^	2.3	U	ug/L	1	2.3	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Diethylphthalate [84-66-2] ^	2.1	U	ug/L	1	2.1	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Dimethylphthalate [131-11-3] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Di-n-butylphthalate [84-74-2] ^	1.5	U	ug/L	1	1.5	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Di-n-octylphthalate [117-84-0] ^	3.1	U	ug/L	1	3.1	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Fluoranthene [206-44-0] ^	2.1	U	ug/L	1	2.1	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Fluorene [86-73-7] ^	1.7	U	ug/L	1	1.7	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Hexachlorobenzene [118-74-1] ^	1.0	U	ug/L	1	1.0	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Hexachlorobutadiene [87-68-3] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Hexachloroethane [67-72-1] ^	1.1	U	ug/L	1	1.1	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	2.2	U	ug/L	1	2.2	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Isophorone [78-59-1] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Naphthalene [91-20-3] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Nitrobenzene [98-95-3] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 20:04	DFM	

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Description: MW2
Matrix: Ground Water
Project: Point Harbor Site

Lab Sample ID: C105544-02
Sampled: 05/12/11 09:45
Sampled By: Mike Sabodish

Received: 05/12/11 13:34
Work Order: C105544

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
N-Nitrosodimethylamine [62-75-9] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:04	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	1.5	U	ug/L	1	1.5	10	1E13001	EPA 625	05/13/11 20:04	DFM	
N-Nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	2.1	U	ug/L	1	2.1	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Pentachlorophenol [87-86-5] ^	1.8	U	ug/L	1	1.8	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Phenanthrene [85-01-8] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Phenol [108-95-2] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 20:04	DFM	
Pyrene [129-00-0] ^	2.1	U	ug/L	1	2.1	10	1E13001	EPA 625	05/13/11 20:04	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*85*	*1*	*100*	*85 %*	*18-157*	*1E13001*	*EPA 625*	*05/13/11 20:04*	*DFM*	
2-Fluorobiphenyl	*42*	*1*	*50.0*	*85 %*	*15-139*	*1E13001*	*EPA 625*	*05/13/11 20:04*	*DFM*	
2-Fluorophenol	*55*	*1*	*100*	*55 %*	*10-104*	*1E13001*	*EPA 625*	*05/13/11 20:04*	*DFM*	
Nitrobenzene-d5	*39*	*1*	*50.0*	*79 %*	*16-140*	*1E13001*	*EPA 625*	*05/13/11 20:04*	*DFM*	
Phenol-d5	*47*	*1*	*100*	*47 %*	*10-83*	*1E13001*	*EPA 625*	*05/13/11 20:04*	*DFM*	
Terphenyl-d14	*46*	*1*	*50.0*	*92 %*	*23-164*	*1E13001*	*EPA 625*	*05/13/11 20:04*	*DFM*	

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Description: MW2
Matrix: Ground Water
Project: Point Harbor Site

Lab Sample ID: C105544-02
Sampled: 05/12/11 09:45
Sampled By: Mike Sabodish

Received: 05/12/11 13:34
Work Order: C105544

Tentatively Identified Compounds by Semivolatile GCMS

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Unknown [NA]	5.1	JB	ug/L	1			1E13001	EPA 625	05/13/11 20:04	DFM	B

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Description: MW2
Matrix: Ground Water
Project: Point Harbor Site

Lab Sample ID: C105544-02
Sampled: 05/12/11 09:45
Sampled By: Mike Sabodish

Received: 05/12/11 13:34
Work Order: C105544

Metals (acid extractable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	**1.82**	J	ug/L	1	1.00	10.0	1E13006	EPA 6010C	05/16/11 12:25	JDH	
Lead [7439-92-1] ^	**3.83**	J	ug/L	1	1.90	10.0	1E13006	EPA 6010C	05/16/11 12:25	JDH	

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Description: MW2
Matrix: Ground Water
Project: Point Harbor Site

Lab Sample ID: C105544-02
Sampled: 05/12/11 09:45
Sampled By: Mike Sabodish

Received: 05/12/11 13:34
Work Order: C105544

Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM-SGT) Non-Polar Material [ECL-0104] ^	**3.93**	J	mg/L	1	3.00	5.00	1E18005	EPA 1664A	05/19/11 14:09	MJF	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: MW3 | **Lab Sample ID:** C105544-03 | **Received:** 05/12/11 13:34

Matrix: Ground Water | **Sampled:** 05/12/11 10:30 | **Work Order:** C105544

Project: Point Harbor Site | **Sampled By:** Mike Sabodish

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 20:30	DFM	
1,2-Dichlorobenzene [95-50-1] ^	1.1	U	ug/L	1	1.1	10	1E13001	EPA 625	05/13/11 20:30	DFM	
1,3-Dichlorobenzene [541-73-1] ^	1.1	U	ug/L	1	1.1	10	1E13001	EPA 625	05/13/11 20:30	DFM	
1,4-Dichlorobenzene [106-46-7] ^	1.0	U	ug/L	1	1.0	10	1E13001	EPA 625	05/13/11 20:30	DFM	
1-Methylnaphthalene [90-12-0] ^	1.7	U	ug/L	1	1.7	10	1E13001	EPA 625	05/13/11 20:30	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	1.1	U	ug/L	1	1.1	10	1E13001	EPA 625	05/13/11 20:30	DFM	
2,4-Dichlorophenol [120-83-2] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 20:30	DFM	
2,4-Dimethylphenol [105-67-9] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:30	DFM	
2,4-Dinitrophenol [51-28-5] ^	2.6	U	ug/L	1	2.6	10	1E13001	EPA 625	05/13/11 20:30	DFM	
2,4-Dinitrotoluene [121-14-2] ^	2.4	U	ug/L	1	2.4	10	1E13001	EPA 625	05/13/11 20:30	DFM	
2,6-Dinitrotoluene [606-20-2] ^	1.5	U	ug/L	1	1.5	10	1E13001	EPA 625	05/13/11 20:30	DFM	
2-Chloronaphthalene [91-58-7] ^	1.0	U	ug/L	1	1.0	10	1E13001	EPA 625	05/13/11 20:30	DFM	
2-Chlorophenol [95-57-8] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 20:30	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	2.9	U	ug/L	1	2.9	10	1E13001	EPA 625	05/13/11 20:30	DFM	
2-Methylnaphthalene [91-57-6] ^	1.5	U	ug/L	1	1.5	10	1E13001	EPA 625	05/13/11 20:30	DFM	
2-Nitrophenol [88-75-5] ^	1.1	U	ug/L	1	1.1	10	1E13001	EPA 625	05/13/11 20:30	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	3.3	U	ug/L	1	3.3	10	1E13001	EPA 625	05/13/11 20:30	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	1.0	U	ug/L	1	1.0	10	1E13001	EPA 625	05/13/11 20:30	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	1.5	U	ug/L	1	1.5	10	1E13001	EPA 625	05/13/11 20:30	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	1.6	U	ug/L	1	1.6	10	1E13001	EPA 625	05/13/11 20:30	DFM	
4-Nitrophenol [100-02-7] ^	2.0	U	ug/L	1	2.0	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Acenaphthene [83-32-9] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Acenaphthylene [208-96-8] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Anthracene [120-12-7] ^	1.6	U	ug/L	1	1.6	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Benzidine [92-87-5] ^	1.6	U	ug/L	1	1.6	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Benzo(a)anthracene [56-55-3] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Benzo(a)pyrene [50-32-8] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Benzo(b)fluoranthene [205-99-2] ^	1.0	U	ug/L	1	1.0	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	2.4	U	ug/L	1	2.4	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Benzo(k)fluoranthene [207-08-9] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	1.7	U	ug/L	1	1.7	5.0	1E13001	EPA 625	05/13/11 20:30	DFM	
Butylbenzylphthalate [85-68-7] ^	2.0	U	ug/L	1	2.0	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Chrysene [218-01-9] ^	2.0	U	ug/L	1	2.0	10	1E13001	EPA 625	05/13/11 20:30	DFM	QV-02
Dibenzo(a,h)anthracene [53-70-3] ^	2.3	U	ug/L	1	2.3	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Diethylphthalate [84-66-2] ^	2.1	U	ug/L	1	2.1	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Dimethylphthalate [131-11-3] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Di-n-butylphthalate [84-74-2] ^	1.5	U	ug/L	1	1.5	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Di-n-octylphthalate [117-84-0] ^	3.1	U	ug/L	1	3.1	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Fluoranthene [206-44-0] ^	2.1	U	ug/L	1	2.1	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Fluorene [86-73-7] ^	1.7	U	ug/L	1	1.7	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Hexachlorobenzene [118-74-1] ^	1.0	U	ug/L	1	1.0	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Hexachlorobutadiene [87-68-3] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Hexachloroethane [67-72-1] ^	1.1	U	ug/L	1	1.1	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	2.2	U	ug/L	1	2.2	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Isophorone [78-59-1] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Naphthalene [91-20-3] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Nitrobenzene [98-95-3] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 20:30	DFM	

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Description: MW3
Matrix: Ground Water
Project: Point Harbor Site

Lab Sample ID: C105544-03
Sampled: 05/12/11 10:30
Sampled By: Mike Sabodish

Received: 05/12/11 13:34
Work Order: C105544

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
N-Nitrosodimethylamine [62-75-9] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:30	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	1.5	U	ug/L	1	1.5	10	1E13001	EPA 625	05/13/11 20:30	DFM	
N-Nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	2.1	U	ug/L	1	2.1	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Pentachlorophenol [87-86-5] ^	1.8	U	ug/L	1	1.8	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Phenanthrene [85-01-8] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Phenol [108-95-2] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 20:30	DFM	
Pyrene [129-00-0] ^	2.1	U	ug/L	1	2.1	10	1E13001	EPA 625	05/13/11 20:30	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*79*	*1*	*100*	*79 %*	*18-157*	*1E13001*	*EPA 625*	*05/13/11 20:30*	*DFM*	
2-Fluorobiphenyl	*39*	*1*	*50.0*	*78 %*	*15-139*	*1E13001*	*EPA 625*	*05/13/11 20:30*	*DFM*	
2-Fluorophenol	*45*	*1*	*100*	*45 %*	*10-104*	*1E13001*	*EPA 625*	*05/13/11 20:30*	*DFM*	
Nitrobenzene-d5	*35*	*1*	*50.0*	*71 %*	*16-140*	*1E13001*	*EPA 625*	*05/13/11 20:30*	*DFM*	
Phenol-d5	*41*	*1*	*100*	*41 %*	*10-83*	*1E13001*	*EPA 625*	*05/13/11 20:30*	*DFM*	
Terphenyl-d14	*43*	*1*	*50.0*	*86 %*	*23-164*	*1E13001*	*EPA 625*	*05/13/11 20:30*	*DFM*	

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Description: MW3
Matrix: Ground Water
Project: Point Harbor Site

Lab Sample ID: C105544-03
Sampled: 05/12/11 10:30
Sampled By: Mike Sabodish

Received: 05/12/11 13:34
Work Order: C105544

Tentatively Identified Compounds by Semivolatile GCMS

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Benzoic acid, 2,4,5-trimeth... [000528-90-5]	11	J	ug/L	1			1E13001	EPA 625	05/13/11 20:30	DFM	
Benzoic acid, 2,4,6-trimethyl- [000480-63-7]	8.4	J	ug/L	1			1E13001	EPA 625	05/13/11 20:30	DFM	
Bicyclo[2.2.1]heptan-2-one,... [000464-48-2]	8.8	J	ug/L	1			1E13001	EPA 625	05/13/11 20:30	DFM	
Dodecanoic acid [000143-07-7]	7.0	J	ug/L	1			1E13001	EPA 625	05/13/11 20:30	DFM	
n-Hexadecanoic acid [000057-10-3]	5.0	J	ug/L	1			1E13001	EPA 625	05/13/11 20:30	DFM	
Phenol, 4-(1,1,3,3-tetramet... [000140-66-9]	6.7	J	ug/L	1			1E13001	EPA 625	05/13/11 20:30	DFM	
Unknown (01) [NA]	5.5	J	ug/L	1			1E13001	EPA 625	05/13/11 20:30	DFM	
Unknown (02) [NA]	5.2	J	ug/L	1			1E13001	EPA 625	05/13/11 20:30	DFM	
Unknown (03) [NA]	12	J	ug/L	1			1E13001	EPA 625	05/13/11 20:30	DFM	

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Description: MW3
Matrix: Ground Water
Project: Point Harbor Site

Lab Sample ID: C105544-03
Sampled: 05/12/11 10:30
Sampled By: Mike Sabodish

Received: 05/12/11 13:34
Work Order: C105544

Metals (acid extractable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	8.17	J	ug/L	1	1.00	10.0	1E13006	EPA 6010C	05/16/11 12:27	JDH	
Lead [7439-92-1] ^	14.2		ug/L	1	1.90	10.0	1E13006	EPA 6010C	05/16/11 12:27	JDH	

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Description: MW3
Matrix: Ground Water
Project: Point Harbor Site

Lab Sample ID: C105544-03
Sampled: 05/12/11 10:30
Sampled By: Mike Sabodish

Received: 05/12/11 13:34
Work Order: C105544

Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM-SGT) Non-Polar Material [ECL-0104] ^	3.00	U	mg/L	1	3.00	5.00	1E1800S	EPA 1664A	05/19/11 14:09	MJF	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: MW4 | **Lab Sample ID:** C105544-04 | **Received:** 05/12/11 13:34

Matrix: Ground Water | **Sampled:** 05/12/11 11:18 | **Work Order:** C105544

Project: Point Harbor Site | **Sampled By:** Mike Sabodish

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 20:55	DFM	
1,2-Dichlorobenzene [95-50-1] ^	1.1	U	ug/L	1	1.1	10	1E13001	EPA 625	05/13/11 20:55	DFM	
1,3-Dichlorobenzene [541-73-1] ^	1.1	U	ug/L	1	1.1	10	1E13001	EPA 625	05/13/11 20:55	DFM	
1,4-Dichlorobenzene [106-46-7] ^	1.0	U	ug/L	1	1.0	10	1E13001	EPA 625	05/13/11 20:55	DFM	
1-Methylnaphthalene [90-12-0] ^	1.7	U	ug/L	1	1.7	10	1E13001	EPA 625	05/13/11 20:55	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	1.1	U	ug/L	1	1.1	10	1E13001	EPA 625	05/13/11 20:55	DFM	
2,4-Dichlorophenol [120-83-2] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 20:55	DFM	
2,4-Dimethylphenol [105-67-9] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:55	DFM	
2,4-Dinitrophenol [51-28-5] ^	2.6	U	ug/L	1	2.6	10	1E13001	EPA 625	05/13/11 20:55	DFM	
2,4-Dinitrotoluene [121-14-2] ^	2.4	U	ug/L	1	2.4	10	1E13001	EPA 625	05/13/11 20:55	DFM	
2,6-Dinitrotoluene [606-20-2] ^	1.5	U	ug/L	1	1.5	10	1E13001	EPA 625	05/13/11 20:55	DFM	
2-Chloronaphthalene [91-58-7] ^	1.0	U	ug/L	1	1.0	10	1E13001	EPA 625	05/13/11 20:55	DFM	
2-Chlorophenol [95-57-8] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 20:55	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	2.9	U	ug/L	1	2.9	10	1E13001	EPA 625	05/13/11 20:55	DFM	
2-Methylnaphthalene [91-57-6] ^	1.5	U	ug/L	1	1.5	10	1E13001	EPA 625	05/13/11 20:55	DFM	
2-Nitrophenol [88-75-5] ^	1.1	U	ug/L	1	1.1	10	1E13001	EPA 625	05/13/11 20:55	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	3.3	U	ug/L	1	3.3	10	1E13001	EPA 625	05/13/11 20:55	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	1.0	U	ug/L	1	1.0	10	1E13001	EPA 625	05/13/11 20:55	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	1.5	U	ug/L	1	1.5	10	1E13001	EPA 625	05/13/11 20:55	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	1.6	U	ug/L	1	1.6	10	1E13001	EPA 625	05/13/11 20:55	DFM	
4-Nitrophenol [100-02-7] ^	2.0	U	ug/L	1	2.0	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Acenaphthene [83-32-9] ^	**4.5**	J	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Acenaphthylene [208-96-8] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Anthracene [120-12-7] ^	1.6	U	ug/L	1	1.6	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Benzidine [92-87-5] ^	1.6	U	ug/L	1	1.6	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Benzo(a)anthracene [56-55-3] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Benzo(a)pyrene [50-32-8] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Benzo(b)fluoranthene [205-99-2] ^	1.0	U	ug/L	1	1.0	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	2.4	U	ug/L	1	2.4	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Benzo(k)fluoranthene [207-08-9] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	1.7	U	ug/L	1	1.7	5.0	1E13001	EPA 625	05/13/11 20:55	DFM	
Butylbenzylphthalate [85-68-7] ^	2.0	U	ug/L	1	2.0	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Chrysene [218-01-9] ^	2.0	U	ug/L	1	2.0	10	1E13001	EPA 625	05/13/11 20:55	DFM	QV-02
Dibenzo(a,h)anthracene [53-70-3] ^	2.3	U	ug/L	1	2.3	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Diethylphthalate [84-66-2] ^	2.1	U	ug/L	1	2.1	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Dimethylphthalate [131-11-3] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Di-n-butylphthalate [84-74-2] ^	1.5	U	ug/L	1	1.5	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Di-n-octylphthalate [117-84-0] ^	3.1	U	ug/L	1	3.1	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Fluoranthene [206-44-0] ^	2.1	U	ug/L	1	2.1	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Fluorene [86-73-7] ^	1.7	U	ug/L	1	1.7	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Hexachlorobenzene [118-74-1] ^	1.0	U	ug/L	1	1.0	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Hexachlorobutadiene [87-68-3] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Hexachloroethane [67-72-1] ^	1.1	U	ug/L	1	1.1	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	2.2	U	ug/L	1	2.2	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Isophorone [78-59-1] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Naphthalene [91-20-3] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Nitrobenzene [98-95-3] ^	1.2	U	ug/L	1	1.2	10	1E13001	EPA 625	05/13/11 20:55	DFM	

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Description: MW4
Matrix: Ground Water
Project: Point Harbor Site

Lab Sample ID: C105544-04
Sampled: 05/12/11 11:18
Sampled By: Mike Sabodish

Received: 05/12/11 13:34
Work Order: C105544

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
N-Nitrosodimethylamine [62-75-9] ^	1.3	U	ug/L	1	1.3	10	1E13001	EPA 625	05/13/11 20:55	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	1.5	U	ug/L	1	1.5	10	1E13001	EPA 625	05/13/11 20:55	DFM	
N-Nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	2.1	U	ug/L	1	2.1	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Pentachlorophenol [87-86-5] ^	1.8	U	ug/L	1	1.8	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Phenanthrene [85-01-8] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Phenol [108-95-2] ^	1.4	U	ug/L	1	1.4	10	1E13001	EPA 625	05/13/11 20:55	DFM	
Pyrene [129-00-0] ^	2.1	U	ug/L	1	2.1	10	1E13001	EPA 625	05/13/11 20:55	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*82*	*1*	*100*	*82 %*	*18-157*	*1E13001*	*EPA 625*	*05/13/11 20:55*	*DFM*	
2-Fluorobiphenyl	*37*	*1*	*50.0*	*73 %*	*15-139*	*1E13001*	*EPA 625*	*05/13/11 20:55*	*DFM*	
2-Fluorophenol	*44*	*1*	*100*	*44 %*	*10-104*	*1E13001*	*EPA 625*	*05/13/11 20:55*	*DFM*	
Nitrobenzene-d5	*34*	*1*	*50.0*	*68 %*	*16-140*	*1E13001*	*EPA 625*	*05/13/11 20:55*	*DFM*	
Phenol-d5	*40*	*1*	*100*	*40 %*	*10-83*	*1E13001*	*EPA 625*	*05/13/11 20:55*	*DFM*	
Terphenyl-d14	*42*	*1*	*50.0*	*85 %*	*23-164*	*1E13001*	*EPA 625*	*05/13/11 20:55*	*DFM*	

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Description: MW4
Matrix: Ground Water
Project: Point Harbor Site

Lab Sample ID: C105544-04
Sampled: 05/12/11 11:18
Sampled By: Mike Sabodish

Received: 05/12/11 13:34
Work Order: C105544

Tentatively Identified Compounds by Semivolatile GCMS

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Cyclic octaatomic sulfur [010544-50-0]	4.4	J	ug/L	1			1E13001	EPA 625	05/13/11 20:55	DFM	
Dodecanoic acid [000143-07-7]	14	J	ug/L	1			1E13001	EPA 625	05/13/11 20:55	DFM	
Unknown (01) [NA]	5.4	J	ug/L	1			1E13001	EPA 625	05/13/11 20:55	DFM	
Unknown (02) [NA]	8.3	JB	ug/L	1			1E13001	EPA 625	05/13/11 20:55	DFM	B
Unknown (03) [NA]	4.6	J	ug/L	1			1E13001	EPA 625	05/13/11 20:55	DFM	

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Description: MW4
Matrix: Ground Water
Project: Point Harbor Site

Lab Sample ID: C105544-04
Sampled: 05/12/11 11:18
Sampled By: Mike Sabodish

Received: 05/12/11 13:34
Work Order: C105544

Metals (acid extractable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	**20.9**		ug/L	1	1.00	10.0	1E13006	EPA 6010C	05/16/11 12:29	JDH	
Lead [7439-92-1] ^	**103**		ug/L	1	1.90	10.0	1E13006	EPA 6010C	05/16/11 12:29	JDH	

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Description: MW4
Matrix: Ground Water
Project: Point Harbor Site

Lab Sample ID: C105544-04
Sampled: 05/12/11 11:18
Sampled By: Mike Sabodish

Received: 05/12/11 13:34
Work Order: C105544

Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM-SGT) Non-Polar Material [ECL-0104] ^	**3.68**	J	mg/L	1	3.00	5.00	1E18005	EPA 1664A	05/19/11 14:09	MJF	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 1E13001 - EPA 3510C_MS

Blank (1E13001-BLK1) Prepared: 05/13/2011 04:01 Analyzed: 05/13/2011 15:50

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.2	U	10	ug/L							
1,2-Dichlorobenzene	1.1	U	10	ug/L							
1,3-Dichlorobenzene	1.1	U	10	ug/L							
1,4-Dichlorobenzene	1.0	U	10	ug/L							
1-Methylnaphthalene	1.7	U	10	ug/L							
2,4,6-Trichlorophenol	1.1	U	10	ug/L							
2,4-Dichlorophenol	1.4	U	10	ug/L							
2,4-Dimethylphenol	1.3	U	10	ug/L							
2,4-Dinitrophenol	2.6	U	10	ug/L							
2,4-Dinitrotoluene	2.4	U	10	ug/L							
2,6-Dinitrotoluene	1.5	U	10	ug/L							
2-Chloronaphthalene	1.0	U	10	ug/L							
2-Chlorophenol	1.2	U	10	ug/L							
2-Methyl-4,6-dinitrophenol	2.9	U	10	ug/L							
2-Methylnaphthalene	1.5	U	10	ug/L							
2-Nitrophenol	1.1	U	10	ug/L							
3,3'-Dichlorobenzidine	3.3	U	10	ug/L							
4-Bromophenyl-phenylether	1.0	U	10	ug/L							
4-Chloro-3-methylphenol	1.5	U	10	ug/L							
4-Chlorophenyl-phenylether	1.6	U	10	ug/L							
4-Nitrophenol	2.0	U	10	ug/L							
Acenaphthene	1.4	U	10	ug/L							
Acenaphthylene	1.2	U	10	ug/L							
Anthracene	1.6	U	10	ug/L							
Benzidine	1.6	U	10	ug/L							
Benzo(a)anthracene	1.3	U	10	ug/L							
Benzo(a)pyrene	1.3	U	10	ug/L							
Benzo(b)fluoranthene	1.0	U	10	ug/L							
Benzo(g,h,i)perylene	2.4	U	10	ug/L							
Benzo(k)fluoranthene	1.3	U	10	ug/L							
Bis(2-chloroethoxy)methane	1.4	U	10	ug/L							
Bis(2-chloroethyl)ether	1.2	U	10	ug/L							
Bis(2-chloroisopropyl)ether	1.3	U	10	ug/L							
Bis(2-ethylhexyl)phthalate	1.7	U	5.0	ug/L							
Butylbenzylphthalate	2.0	U	10	ug/L							
Chrysene	2.0	U	10	ug/L							QV-02
Dibenzo(a,h)anthracene	2.3	U	10	ug/L							
Diethylphthalate	2.1	U	10	ug/L							
Dimethylphthalate	1.4	U	10	ug/L							
Di-n-butylphthalate	1.5	U	10	ug/L							
Di-n-octylphthalate	3.1	U	10	ug/L							
Fluoranthene	2.1	U	10	ug/L							
Fluorene	1.7	U	10	ug/L							
Hexachlorobenzene	1.0	U	10	ug/L							
Hexachlorobutadiene	1.2	U	10	ug/L							
Hexachlorocyclopentadiene	1.3	U	10	ug/L							
Hexachloroethane	1.1	U	10	ug/L							
Indeno(1,2,3-cd)pyrene	2.2	U	10	ug/L							
Isophorone	1.3	U	10	ug/L							

QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 1E13001 - EPA 3510C_MS

Blank (1E13001-BLK1) Continued Prepared: 05/13/2011 04:01 Analyzed: 05/13/2011 15:50

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Naphthalene	1.3	U	10	ug/L							
Nitrobenzene	1.2	U	10	ug/L							
N-Nitrosodimethylamine	1.3	U	10	ug/L							
N-Nitroso-di-n-propylamine	1.5	U	10	ug/L							
N-Nitrosodiphenylamine/Diphenylamine	2.1	U	10	ug/L							
Pentachlorophenol	1.8	U	10	ug/L							
Phenanthrene	1.4	U	10	ug/L							
Phenol	1.4	U	10	ug/L							
Pyrene	2.1	U	10	ug/L							
Surrogate: 2,4,6-Tribromophenol	*76*			*ug/L*	*100*		*76*	*18-157*			
Surrogate: 2-Fluorobiphenyl	*38*			*ug/L*	*50.0*		*76*	*15-139*			
Surrogate: 2-Fluorophenol	*51*			*ug/L*	*100*		*51*	*10-104*			
Surrogate: Nitrobenzene-d5	*36*			*ug/L*	*50.0*		*72*	*16-140*			
Surrogate: Phenol-d5	*45*			*ug/L*	*100*		*45*	*10-83*			
Surrogate: Terphenyl-d14	*45*			*ug/L*	*50.0*		*91*	*23-164*			

LCS (1E13001-BS1) Prepared: 05/13/2011 04:01 Analyzed: 05/13/2011 16:15

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	35		10	ug/L	50.0		69	24-97			
1,4-Dichlorobenzene	32		10	ug/L	50.0		64	22-90			
2,4-Dinitrotoluene	46		10	ug/L	50.0		93	74-125			
2-Chlorophenol	37		10	ug/L	50.0		74	47-109			
4-Chloro-3-methylphenol	44		10	ug/L	50.0		87	64-120			
4-Nitrophenol	34		10	ug/L	50.0		68	37-88			
Acenaphthene	40		10	ug/L	50.0		81	51-118			
N-Nitroso-di-n-propylamine	43		10	ug/L	50.0		85	53-133			
Pentachlorophenol	37		10	ug/L	50.0		74	53-137			
Phenol	27		10	ug/L	50.0		54	23-75			
Pyrene	44		10	ug/L	50.0		88	73-129			
Surrogate: 2,4,6-Tribromophenol	*82*			*ug/L*	*100*		*82*	*18-157*			
Surrogate: 2-Fluorobiphenyl	*40*			*ug/L*	*50.0*		*80*	*15-139*			
Surrogate: 2-Fluorophenol	*57*			*ug/L*	*100*		*57*	*10-104*			
Surrogate: Nitrobenzene-d5	*38*			*ug/L*	*50.0*		*76*	*16-140*			
Surrogate: Phenol-d5	*51*			*ug/L*	*100*		*51*	*10-83*			
Surrogate: Terphenyl-d14	*45*			*ug/L*	*50.0*		*89*	*23-164*			

Matrix Spike (1E13001-MS1) Prepared: 05/13/2011 04:01 Analyzed: 05/13/2011 16:41

Source: C105761-05

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	34		10	ug/L	50.0	1.2 U	68	24-97			
1,4-Dichlorobenzene	32		10	ug/L	50.0	1.0 U	64	22-90			
2,4-Dinitrotoluene	45		10	ug/L	50.0	2.4 U	90	74-125			
2-Chlorophenol	38		10	ug/L	50.0	1.2 U	76	47-109			
4-Chloro-3-methylphenol	44		10	ug/L	50.0	1.5 U	88	64-120			
4-Nitrophenol	32		10	ug/L	50.0	2.0 U	64	37-88			

QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 1E13001 - EPA 3510C_MS

Matrix Spike (1E13001-MS1) Continued Prepared: 05/13/2011 04:01 Analyzed: 05/13/2011 16:41

Source: C105761-05

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Acenaphthene	39		10	ug/L	50.0	1.4 U	79	51-118			
N-Nitroso-di-n-propylamine	43		10	ug/L	50.0	1.5 U	85	53-133			
Pentachlorophenol	39		10	ug/L	50.0	1.8 U	78	53-137			
Phenol	26		10	ug/L	50.0	1.4 U	51	23-75			
Pyrene	44		10	ug/L	50.0	2.1 U	88	73-129			
Surrogate: 2,4,6-Tribromophenol	*82*			*ug/L*	*100*		*82*	*18-157*			
Surrogate: 2-Fluorobiphenyl	*41*			*ug/L*	*50.0*		*82*	*15-139*			
Surrogate: 2-Fluorophenol	*57*			*ug/L*	*100*		*57*	*10-104*			
Surrogate: Nitrobenzene-d5	*39*			*ug/L*	*50.0*		*79*	*16-140*			
Surrogate: Phenol-d5	*49*			*ug/L*	*100*		*49*	*10-83*			
Surrogate: Terphenyl-d14	*44*			*ug/L*	*50.0*		*88*	*23-164*			

Matrix Spike Dup (1E13001-MSD1) Prepared: 05/13/2011 04:01 Analyzed: 05/13/2011 17:06

Source: C105761-05

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	35		10	ug/L	50.0	1.2 U	71	24-97	4	30	
1,4-Dichlorobenzene	33		10	ug/L	50.0	1.0 U	65	22-90	2	29	
2,4-Dinitrotoluene	44		10	ug/L	50.0	2.4 U	89	74-125	1	11	
2-Chlorophenol	36		10	ug/L	50.0	1.2 U	72	47-109	6	24	
4-Chloro-3-methylphenol	43		10	ug/L	50.0	1.5 U	87	64-120	1	11	
4-Nitrophenol	29		10	ug/L	50.0	2.0 U	58	37-88	11	21	
Acenaphthene	39		10	ug/L	50.0	1.4 U	79	51-118	0.3	13	
N-Nitroso-di-n-propylamine	42		10	ug/L	50.0	1.5 U	84	53-133	2	35	
Pentachlorophenol	39		10	ug/L	50.0	1.8 U	78	53-137	0.4	10	
Phenol	24		10	ug/L	50.0	1.4 U	49	23-75	5	29	
Pyrene	43		10	ug/L	50.0	2.1 U	87	73-129	1	15	
Surrogate: 2,4,6-Tribromophenol	*79*			*ug/L*	*100*		*79*	*18-157*			
Surrogate: 2-Fluorobiphenyl	*40*			*ug/L*	*50.0*		*81*	*15-139*			
Surrogate: 2-Fluorophenol	*53*			*ug/L*	*100*		*53*	*10-104*			
Surrogate: Nitrobenzene-d5	*38*			*ug/L*	*50.0*		*75*	*16-140*			
Surrogate: Phenol-d5	*46*			*ug/L*	*100*		*46*	*10-83*			
Surrogate: Terphenyl-d14	*43*			*ug/L*	*50.0*		*87*	*23-164*			

Tentatively Identified Compounds by Semivolatile GCMS - Quality Control

Batch 1E13001 - EPA 3510C_MS

Blank (1E13001-BLK1) Prepared: 05/13/2011 04:01 Analyzed: 05/13/2011 15:50

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Phenol, 2-fluoro- $$ Phenol...	**5.2**	**J**		ug/L							
Unknown	**5.4**	**J**		ug/L							

Metals (acid extractable) by EPA 6000/7000 Series Methods - Quality Control

Batch 1E13006 - SM18 3030C

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QUALITY CONTROL

Metals (acid extractable) by EPA 6000/7000 Series Methods - Quality Control

Blank (1E13006-BLK1) Prepared: 05/13/2011 08:38 Analyzed: 05/16/2011 12:04

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chromium	1.00	U	10.0	ug/L							
Lead	1.90	U	10.0	ug/L							

LCS (1E13006-BS1) Prepared: 05/13/2011 08:38 Analyzed: 05/16/2011 12:06

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chromium	540		10.0	ug/L	500		108	80-120			
Lead	540		10.0	ug/L	500		108	80-120			

Matrix Spike (1E13006-MS1) Prepared: 05/13/2011 08:38 Analyzed: 05/16/2011 12:11

Source: C105544-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chromium	555		10.0	ug/L	500	38.4	103	75-125			
Lead	544		10.0	ug/L	500	30.3	103	75-125			

Matrix Spike Dup (1E13006-MSD1) Prepared: 05/13/2011 08:38 Analyzed: 05/16/2011 12:12

Source: C105544-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chromium	566		10.0	ug/L	500	38.4	105	75-125	2	20	
Lead	566		10.0	ug/L	500	30.3	107	75-125	4	20	

Post Spike (1E13006-PS1) Prepared: 05/13/2011 08:38 Analyzed: 05/16/2011 12:14

Source: C105544-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chromium	1.02		0.0100	mg/L	1.00	0.0384	99	80-120			
Lead	1.01		0.00935	mg/L	1.00	0.0303	98	80-120			

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 1E18005 - EPA 1664A

Blank (1E18005-BLK1) Prepared: 05/18/2011 13:47 Analyzed: 05/19/2011 14:09

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Oil & Grease (HEM-SGT) Non-Polar Material	3.00	U	5.00	mg/L							

LCS (1E18005-BS1) Prepared: 05/18/2011 13:47 Analyzed: 05/19/2011 14:09

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Oil & Grease (HEM-SGT) Non-Polar Material	19.1		5.00	mg/L	20.4		94	64-132			

Matrix Spike (1E18005-MS1) Prepared: 05/18/2011 13:47 Analyzed: 05/19/2011 14:09

Source: B102317-01

QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 1E18005 - EPA 1664A

Matrix Spike (1E18005-MS1) Continued Prepared: 05/18/2011 13:47 Analyzed: 05/19/2011 14:09

Source: B102317-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Oil & Grease (HEM-SGT) Non-Polar Material	21.1		5.00	mg/L	20.6	3.00 U	102	64-132			

Matrix Spike Dup (1E18005-MSD1) Prepared: 05/18/2011 13:47 Analyzed: 05/19/2011 14:09

Source: B102317-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Oil & Grease (HEM-SGT) Non-Polar Material	19.6		5.00	mg/L	20.8	3.00 U	94	64-132	8	34	

FLAGS/NOTES AND DEFINITIONS

B	The analyte was detected in the associated method blank.
D	The sample was analyzed at dilution.
J	The reported value is between the laboratory method detection limit (MDL) and the laboratory method reporting limit (MRL), adjusted for actual sample preparation data and moisture content, where applicable.
U	The analyte was analyzed for but not detected to the level shown, adjusted for actual sample preparation data and moisture content, where applicable.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
MRL	Method Reporting Limit. The MRL is roughly equivalent to the practical quantitation limit (PQL) and is based on the low point of the calibration curve, when applicable, sample preparation factor, dilution factor, and, in the case of soil samples, moisture content.
QV-02	The associated continuing calibration verification standard exhibited low bias; the reported result should be considered to be a minimum estimate.

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Page 1 of 1

Client Name: Froehling and Robertson (FR004)	Project Number: 66M-0200 - 0001
Address: 310 Hubert Street	Project Name/Desc: Point Harbor Site
City/ST/Zip: Raleigh, NC 27603	PO # / Billing Info: 66M-0200-0001-00602
Tel: (919) 828-3441 Fax: (919) 828-5751	Reporting Contact: ~~Beth Stout~~ Mike Sabodish
Sampler(s) Name, Affiliation (Print): ~~Beth Stout~~ Mike Sabodish	Billing Contact: Mike Sabodish
Sampler(s) Signature: Michael S. Sabodish	Site Location / Time Zone: Wilmington / EST

Requested Analyses: 625.625 TICs; Cr,Pb (3030C); O&G 1664A SGT w/silica gel

Requested Turnaround Times: Note: Rush requests subject to acceptance by the facility. X Standard ___ Expedited Due __/__/__

Lab Workorder: C105544

Preservation (See Codes) (Contains as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	625.625 TICs	Cr,Pb (3030C)	O&G 1664A SGT w/silica gel							Sample Comments
	MW1	5/12/11	858A	G	GW	4	X	X	X							
	MW2	↓	945A	↓	GW	4	X	X	X							
	MW3		1030A		GW	4	X	X	X							
	MW4	↓	1115A	↓	GW	4	X	X	X							
						16	<-- Total # of Containers									

Sample Kit Prepared By: JGT	Date/Time: 5/6/11	Relinquished By: Michael Sabodish	Date/Time: 5/12/11	Received By: Jamie Shalari	Date/Time: 5/12/11 1334
Comments/Special Reporting Requirements:		Relinquished By:	Date/Time:	Received By:	Date/Time:
		Relinquished By:	Date/Time:	Received By:	Date/Time:
		Cooler #'s & Temps on Receipt: C-345 1.9°C C-811 1.8°C		Condition Upon Receipt: ✓ Acceptable ___ Unacceptable	

Matrix: GW-Groundwater SO-Soil DW-Drinking Water SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments) Preservation: H-HCl N-HNO3 S-H2SO4 NO-NaOH O-Other (detail in comments)

Note: All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreements exist

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ADDITIONAL GROUNDWATER DATA COLLECTED BY F&R

FROM

MONITORING WELLS MW-1 THROUGH MW-4

8/17/11

Environmental Conservation Laboratories, Inc.
102-A Woodwinds Industrial Court
Cary NC, 27511
Phone: 919.467.3090 FAX: 919.467.3515
www.encolabs.com

Thursday, August 18, 2011

Froehling and Robertson (FR004)

Attn: Mike Sabodish

310 Hubert Street

Raleigh, NC 27603

RE: Laboratory Results for
Project Number: [none], Project Name/Desc: 1400 Point Harbor Road
ENCO Workorder: C110198

Dear Mike Sabodish,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Wednesday, August 17, 2011.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

The analytical results contained in this report are in compliance with NELAC standards, except as noted in the project narrative. This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Unless otherwise noted, all analyses were performed at ENCO Cary. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Chuck Smith

Chuck Smith

Project Manager

Enclosure(s)

The total number of pages in this report, including this page is 10.

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: MW-1	Lab ID: C110198-01	Sampled: 08/17/11 15:25	Received: 08/17/11 17:58

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	08/20/11	02/14/12	08/18/11	09:55	8/18/2011 12:28

Client ID: MW-2	Lab ID: C110198-02	Sampled: 08/17/11 14:55	Received: 08/17/11 17:58

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	08/20/11	02/14/12	08/18/11	09:55	8/18/2011 12:30

Client ID: MW-3	Lab ID: C110198-03	Sampled: 08/17/11 11:26	Received: 08/17/11 17:58

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	08/20/11	02/14/12	08/18/11	09:55	8/18/2011 12:32

Client ID: MW-4	Lab ID: C110198-04	Sampled: 08/17/11 10:38	Received: 08/17/11 17:58

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	08/20/11	02/14/12	08/18/11	09:55	8/18/2011 12:39

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SAMPLE DETECTION SUMMARY

Client ID: MW-1 **Lab ID: C110198-01**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chromium - Total	1.56	J	1.00	10.0	ug/L	EPA 6010C	

Client ID: MW-2 **Lab ID: C110198-02**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chromium - Total	1.32	J	1.00	10.0	ug/L	EPA 6010C	

Client ID: MW-3 **Lab ID: C110198-03**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chromium - Total	2.02	J	1.00	10.0	ug/L	EPA 6010C	

Client ID: MW-4 **Lab ID: C110198-04**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chromium - Total	2.54	J	1.00	10.0	ug/L	EPA 6010C	

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ANALYTICAL RESULTS

Description: MW-1
Matrix: Ground Water
Project: 1400 Point Harbor Road

Lab Sample ID: C110198-01
Sampled: 08/17/11 15:25
Sampled By: Calvin Manning

Received: 08/17/11 17:58
Work Order: C110198

Metals (acid extractable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	**1.56**	J	ug/L	1	1.00	10.0	1H17009	EPA 6010C	08/18/11 12:28	JDH	
Lead [7439-92-1] ^	1.90	U	ug/L	1	1.90	10.0	1H17009	EPA 6010C	08/18/11 12:28	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: MW-2
Matrix: Ground Water
Project: 1400 Point Harbor Road

Lab Sample ID: C110198-02
Sampled: 08/17/11 14:55
Sampled By: Calvin Manning

Received: 08/17/11 17:58
Work Order: C110198

Metals (acid extractable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	**1.32**	J	ug/L	1	1.00	10.0	1H17009	EPA 6010C	08/18/11 12:30	JDH	
Lead [7439-92-1] ^	1.90	U	ug/L	1	1.90	10.0	1H17009	EPA 6010C	08/18/11 12:30	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: MW-3
Matrix: Ground Water
Project: 1400 Point Harbor Road

Lab Sample ID: C110198-03
Sampled: 08/17/11 11:26
Sampled By: Calvin Manning

Received: 08/17/11 17:58
Work Order: C110198

Metals (acid extractable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	**2.02**	J	ug/L	1	1.00	10.0	1H17009	EPA 6010C	08/18/11 12:32	JDH	
Lead [7439-92-1] ^	1.90	U	ug/L	1	1.90	10.0	1H17009	EPA 6010C	08/18/11 12:32	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: MW-4
Matrix: Ground Water
Project: 1400 Point Harbor Road

Lab Sample ID: C110198-04
Sampled: 08/17/11 10:38
Sampled By: Calvin Manning

Received: 08/17/11 17:58
Work Order: C110198

Metals (acid extractable) by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	**2.54**	J	ug/L	1	1.00	10.0	1H17009	EPA 6010C	08/18/11 12:39	JDH	
Lead [7439-92-1] ^	1.90	U	ug/L	1	1.90	10.0	1H17009	EPA 6010C	08/18/11 12:39	JDH	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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QUALITY CONTROL

Metals (acid extractable) by EPA 6000/7000 Series Methods - Quality Control

Batch 1H17009 - SM18 3030C

Blank (1H17009-BLK1) Prepared: 08/17/2011 09:41 Analyzed: 08/18/2011 11:49

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chromium	1.00	U	10.0	ug/L							
Lead	1.90	U	10.0	ug/L							

LCS (1H17009-BS1) Prepared: 08/17/2011 09:41 Analyzed: 08/18/2011 11:51

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chromium	193		10.0	ug/L	200		97	80-120			
Lead	198		10.0	ug/L	200		99	80-120			

Matrix Spike (1H17009-MS1) Prepared: 08/17/2011 09:41 Analyzed: 08/18/2011 11:55

Source: C110223-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chromium	206		10.0	ug/L	200	1.57	102	75-125			
Lead	209		10.0	ug/L	200	1.90 U	105	75-125			

Matrix Spike Dup (1H17009-MSD1) Prepared: 08/17/2011 09:41 Analyzed: 08/18/2011 11:57

Source: C110223-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chromium	206		10.0	ug/L	200	1.57	102	75-125	0.09	20	
Lead	208		10.0	ug/L	200	1.90 U	104	75-125	0.8	20	

Post Spike (1H17009-PS1) Prepared: 08/17/2011 09:41 Analyzed: 08/18/2011 11:59

Source: C110223-02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chromium	0.203		0.00935	mg/L	0.200	0.00161	101	80-120			
Lead	0.205		0.00935	mg/L	0.200	0.000754	102	80-120			

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Page 1 of 1

Client Name: Froehling and Robertson (FR004)	Project Number: [none]
Address: 310 Hubert Street	Project Name/Desc: 1400 Point Harbor Road
City/ST/Zip: Raleigh, NC 27603	PO # / Billing Info
Tel: (919) 828-3441 Fax: (919) 828-5751	Reporting Contact: Mike Sabodish
Sampler(s) Name, Affiliation (Print): Calvin Manning	Billing Contact: Mike Sabodish
Sampler(s) Signature: Calvin Manning	Site Location / Time Zone

Requested Analyses: Cr,Pb (3030C)

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

___ Standard

X Expedited

Due ___/___/___

Lab Workorder: C110198

Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	Cr,Pb (3030C)										Sample Comments
	MW-1	8/17/11	3:25	G	GW	1	X										
	MW-2	" "	2:55		GW	1	X										
	MW-3	" "	11:26		GW	1	X										
	MW-4	" "	10:38		GW	1	X										

<-- Total # of Containers

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
Briana Gregory	8/16/11	Calvin Manning	8/17/2011 5:58		
Comments/Special Reporting Requirements: 24 Hour Test Result turn around. Run Samples through filter.		Relinquished By	Date/Time	Received By	Date/Time
		Relinquished By	Date/Time	Received By: [signature]	Date/Time 8·17·11 17:58
		Cooler #'s & Temps on Receipt: Blue 2.2°C		Condition Upon Receipt: ✓ Acceptable ___ Unacceptable	

Matrix : GW-Groundwater SQ-Soil DW-Drinking Water SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments) Preservation: I-Ice H-HCl N-HNO3 S-H2SO4 NO-NaOH O-Other (detail in comments)

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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-20

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-28 2-4FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 13:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	85.6		%	2540G	07/02/10	1
TPH (GC/FID) Low Fraction	BDL	5.3	mg/kg	8015D/GRO	07/02/10	45.5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	87.1		% Rec.	8015D/GRO	07/02/10	45.5
Volatile Organics						
Acetone	BDL	0.058	mg/kg	8260B	07/02/10	1
Acrylonitrile	BDL	0.012	mg/kg	8260B	07/02/10	1
Benzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromodichloromethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromoform	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromomethane	BDL	0.0058	mg/kg	8260B	07/02/10	1
n-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
sec-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
tert-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Carbon tetrachloride	BDL	0.0012	mg/kg	8260B	07/02/10	1
Chlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Chlorodibromomethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Chloroethane	BDL	0.0058	mg/kg	8260B	07/02/10	1
2-Chloroethyl vinyl ether	BDL	0.058	mg/kg	8260B	07/02/10	1
Chloroform	BDL	0.0058	mg/kg	8260B	07/02/10	1
Chloromethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
2-Chlorotoluene	BDL	0.0012	mg/kg	8260B	07/02/10	1
4-Chlorotoluene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dibromo-3-Chloropropane	BDL	0.0058	mg/kg	8260B	07/02/10	1
1,2-Dibromoethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Dibromomethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,3-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,4-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Dichlorodifluoromethane	BDL	0.0058	mg/kg	8260B	07/02/10	1
1,1-Dichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
cis-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
trans-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,3-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1
cis-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/02/10	1
trans-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/02/10	1
2,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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The reported analytical results relate only to the sample submitted

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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-20

Site ID :

Project # : 02100148.00

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Sample ID : SP-28 2-4FT

Collected By : Troy Beasley
Collection Date : 06/18/10 13:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Di-isopropyl ether	BDL	0.0012	mg/kg	8260B	07/02/10	1
Ethylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Hexachloro-1,3-butadiene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Isopropylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
p-Isopropyltoluene	BDL	0.0012	mg/kg	8260B	07/02/10	1
2-Butanone (MEK)	BDL	0.012	mg/kg	8260B	07/02/10	1
Methylene Chloride	BDL	0.0058	mg/kg	8260B	07/02/10	1
4-Methyl-2-pentanone (MIBK)	BDL	0.012	mg/kg	8260B	07/02/10	1
Methyl tert-butyl ether	BDL	0.0012	mg/kg	8260B	07/02/10	1
Naphthalene	BDL	0.0058	mg/kg	8260B	07/02/10	1
n-Propylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Styrene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,1,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,2,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Tetrachloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Toluene	BDL	0.0058	mg/kg	8260B	07/02/10	1
1,2,3-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2,4-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,1-Trichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,2-Trichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0012	mg/kg	8260B	07/02/10	1
Trichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Trichlorofluoromethane	BDL	0.0058	mg/kg	8260B	07/02/10	1
1,2,3-Trichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2,4-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,3,5-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Vinyl chloride	BDL	0.0012	mg/kg	8260B	07/02/10	1
Xylenes, Total	BDL	0.0035	mg/kg	8260B	07/02/10	1
Surrogate Recovery						
Toluene-d8	101.		% Rec.	8260B	07/02/10	1
Dibromofluoromethane	97.2		% Rec.	8260B	07/02/10	1
4-Bromofluorobenzene	97.4		% Rec.	8260B	07/02/10	1
TPH (GC/FID) High Fraction	16.	4.7	mg/kg	3546/DRO	06/29/10	1
Surrogate recovery(%)						
o-Terphenyl	66.1		% Rec.	3546/DRO	06/29/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-21

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-29 2-4FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 10:50

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	65.5		%	2540G	07/02/10	1
TPH (GC/FID) Low Fraction	BDL	8.4	mg/kg	8015D/GRO	07/02/10	55
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	87.0		% Rec.	8015D/GRO	07/02/10	55
Volatile Organics						
Acetone	0.16	0.076	mg/kg	8260B	07/02/10	1
Acrylonitrile	BDL	0.015	mg/kg	8260B	07/02/10	1
Benzene	BDL	0.0015	mg/kg	8260B	07/02/10	1
Bromobenzene	BDL	0.0015	mg/kg	8260B	07/02/10	1
Bromodichloromethane	BDL	0.0015	mg/kg	8260B	07/02/10	1
Bromoform	BDL	0.0015	mg/kg	8260B	07/02/10	1
Bromomethane	BDL	0.0076	mg/kg	8260B	07/02/10	1
n-Butylbenzene	BDL	0.0015	mg/kg	8260B	07/02/10	1
sec-Butylbenzene	BDL	0.0015	mg/kg	8260B	07/02/10	1
tert-Butylbenzene	BDL	0.0015	mg/kg	8260B	07/02/10	1
Carbon tetrachloride	BDL	0.0015	mg/kg	8260B	07/02/10	1
Chlorobenzene	BDL	0.0015	mg/kg	8260B	07/02/10	1
Chlorodibromomethane	BDL	0.0015	mg/kg	8260B	07/02/10	1
Chloroethane	BDL	0.0076	mg/kg	8260B	07/02/10	1
2-Chloroethyl vinyl ether	BDL	0.076	mg/kg	8260B	07/02/10	1
Chloroform	BDL	0.0076	mg/kg	8260B	07/02/10	1
Chloromethane	BDL	0.0015	mg/kg	8260B	07/02/10	1
2-Chlorotoluene	BDL	0.0015	mg/kg	8260B	07/02/10	1
4-Chlorotoluene	BDL	0.0015	mg/kg	8260B	07/02/10	1
1,2-Dibromo-3-Chloropropane	BDL	0.0076	mg/kg	8260B	07/02/10	1
1,2-Dibromoethane	BDL	0.0015	mg/kg	8260B	07/02/10	1
Dibromomethane	BDL	0.0015	mg/kg	8260B	07/02/10	1
1,2-Dichlorobenzene	BDL	0.0015	mg/kg	8260B	07/02/10	1
1,3-Dichlorobenzene	BDL	0.0015	mg/kg	8260B	07/02/10	1
1,4-Dichlorobenzene	BDL	0.0015	mg/kg	8260B	07/02/10	1
Dichlorodifluoromethane	BDL	0.0076	mg/kg	8260B	07/02/10	1
1,1-Dichloroethane	BDL	0.0015	mg/kg	8260B	07/02/10	1
1,2-Dichloroethane	BDL	0.0015	mg/kg	8260B	07/02/10	1
1,1-Dichloroethene	BDL	0.0015	mg/kg	8260B	07/02/10	1
cis-1,2-Dichloroethene	BDL	0.0015	mg/kg	8260B	07/02/10	1
trans-1,2-Dichloroethene	BDL	0.0015	mg/kg	8260B	07/02/10	1
1,2-Dichloropropane	BDL	0.0015	mg/kg	8260B	07/02/10	1
1,1-Dichloropropene	BDL	0.0015	mg/kg	8260B	07/02/10	1
1,3-Dichloropropane	BDL	0.0015	mg/kg	8260B	07/02/10	1
cis-1,3-Dichloropropene	BDL	0.0015	mg/kg	8260B	07/02/10	1
trans-1,3-Dichloropropene	BDL	0.0015	mg/kg	8260B	07/02/10	1
2,2-Dichloropropane	BDL	0.0015	mg/kg	8260B	07/02/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-21

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-29 2-4FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 10:50

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Di-isopropyl ether	BDL	0.0015	mg/kg	8260B	07/02/10	1
Ethylbenzene	BDL	0.0015	mg/kg	8260B	07/02/10	1
Hexachloro-1,3-butadiene	BDL	0.0015	mg/kg	8260B	07/02/10	1
Isopropylbenzene	BDL	0.0015	mg/kg	8260B	07/02/10	1
p-Isopropyltoluene	0.021	0.0015	mg/kg	8260B	07/02/10	1
2-Butanone (MEK)	BDL	0.015	mg/kg	8260B	07/02/10	1
Methylene Chloride	BDL	0.0076	mg/kg	8260B	07/02/10	1
4-Methyl-2-pentanone (MIBK)	BDL	0.015	mg/kg	8260B	07/02/10	1
Methyl tert-butyl ether	BDL	0.0015	mg/kg	8260B	07/02/10	1
Naphthalene	BDL	0.0076	mg/kg	8260B	07/02/10	1
n-Propylbenzene	BDL	0.0015	mg/kg	8260B	07/02/10	1
Styrene	BDL	0.0015	mg/kg	8260B	07/02/10	1
1,1,1,2-Tetrachloroethane	BDL	0.0015	mg/kg	8260B	07/02/10	1
1,1,2,2-Tetrachloroethane	BDL	0.0015	mg/kg	8260B	07/02/10	1
Tetrachloroethene	BDL	0.0015	mg/kg	8260B	07/02/10	1
Toluene	BDL	0.0076	mg/kg	8260B	07/02/10	1
1,2,3-Trichlorobenzene	BDL	0.0015	mg/kg	8260B	07/02/10	1
1,2,4-Trichlorobenzene	BDL	0.0015	mg/kg	8260B	07/02/10	1
1,1,1-Trichloroethane	BDL	0.0015	mg/kg	8260B	07/02/10	1
1,1,2-Trichloroethane	BDL	0.0015	mg/kg	8260B	07/02/10	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0015	mg/kg	8260B	07/02/10	1
Trichloroethene	BDL	0.0015	mg/kg	8260B	07/02/10	1
Trichlorofluoromethane	BDL	0.0076	mg/kg	8260B	07/02/10	1
1,2,3-Trichloropropane	BDL	0.0015	mg/kg	8260B	07/02/10	1
1,2,4-Trimethylbenzene	BDL	0.0015	mg/kg	8260B	07/02/10	1
1,3,5-Trimethylbenzene	BDL	0.0015	mg/kg	8260B	07/02/10	1
Vinyl chloride	BDL	0.0015	mg/kg	8260B	07/02/10	1
Xylenes, Total	BDL	0.0046	mg/kg	8260B	07/02/10	1
Surrogate Recovery						
Toluene-d8	99.7		% Rec.	8260B	07/02/10	1
Dibromofluoromethane	99.8		% Rec.	8260B	07/02/10	1
4-Bromofluorobenzene	120.		% Rec.	8260B	07/02/10	1
TPH (GC/FID) High Fraction	460	6.1	mg/kg	3546/DRO	06/29/10	1
Surrogate recovery(%)						
o-Terphenyl	81.6		% Rec.	3546/DRO	06/29/10	1

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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-22

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-31 0-3FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 14:20

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	82.6		%	2540G	07/02/10	1
TPH (GC/FID) Low Fraction	BDL	5.4	mg/kg	8015D/GRO	07/02/10	44.5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	89.1		% Rec.	8015D/GRO	07/02/10	44.5
Volatile Organics						
Acetone	BDL	0.060	mg/kg	8260B	07/02/10	1
Acrylonitrile	BDL	0.012	mg/kg	8260B	07/02/10	1
Benzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromodichloromethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromoform	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromomethane	BDL	0.0060	mg/kg	8260B	07/02/10	1
n-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
sec-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
tert-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Carbon tetrachloride	BDL	0.0012	mg/kg	8260B	07/02/10	1
Chlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Chlorodibromomethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Chloroethane	BDL	0.0060	mg/kg	8260B	07/02/10	1
2-Chloroethyl vinyl ether	BDL	0.060	mg/kg	8260B	07/02/10	1
Chloroform	BDL	0.0060	mg/kg	8260B	07/02/10	1
Chloromethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
2-Chlorotoluene	BDL	0.0012	mg/kg	8260B	07/02/10	1
4-Chlorotoluene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dibromo-3-Chloropropane	BDL	0.0060	mg/kg	8260B	07/02/10	1
1,2-Dibromoethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Dibromomethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,3-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,4-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Dichlorodifluoromethane	BDL	0.0060	mg/kg	8260B	07/02/10	1
1,1-Dichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
cis-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
trans-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,3-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1
cis-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/02/10	1
trans-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/02/10	1
2,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1

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BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-22

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-31 0-3FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 14:20

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Di-isopropyl ether	BDL	0.0012	mg/kg	8260B	07/02/10	1
Ethylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Hexachloro-1,3-butadiene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Isopropylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
p-Isopropyltoluene	BDL	0.0012	mg/kg	8260B	07/02/10	1
2-Butanone (MEK)	BDL	0.012	mg/kg	8260B	07/02/10	1
Methylene Chloride	BDL	0.0060	mg/kg	8260B	07/02/10	1
4-Methyl-2-pentanone (MIBK)	BDL	0.012	mg/kg	8260B	07/02/10	1
Methyl tert-butyl ether	BDL	0.0012	mg/kg	8260B	07/02/10	1
Naphthalene	BDL	0.0060	mg/kg	8260B	07/02/10	1
n-Propylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Styrene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,1,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,2,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Tetrachloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Toluene	BDL	0.0060	mg/kg	8260B	07/02/10	1
1,2,3-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2,4-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,1-Trichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,2-Trichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0012	mg/kg	8260B	07/02/10	1
Trichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Trichlorofluoromethane	BDL	0.0060	mg/kg	8260B	07/02/10	1
1,2,3-Trichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2,4-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,3,5-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Vinyl chloride	BDL	0.0012	mg/kg	8260B	07/02/10	1
Xylenes, Total	BDL	0.0036	mg/kg	8260B	07/02/10	1
Surrogate Recovery						
Toluene-d8	94.3		% Rec.	8260B	07/02/10	1
Dibromofluoromethane	102.		% Rec.	8260B	07/02/10	1
4-Bromofluorobenzene	94.7		% Rec.	8260B	07/02/10	1
TPH (GC/FID) High Fraction	5.5	4.8	mg/kg	3546/DRO	06/29/10	1
Surrogate recovery(%)						
o-Terphenyl	66.5		% Rec.	3546/DRO	06/29/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-23

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : BG-1

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 15:50

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	96.4		%	2540G	07/02/10	1
Chromium	2.5	0.52	mg/kg	6010B	07/01/10	1
Lead	4.1	0.26	mg/kg	6010B	07/01/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-24

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : BG-2

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 16:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	88.7		%	2540G	07/02/10	1
Chromium	5.0	0.56	mg/kg	6010B	07/01/10	1
Lead	2.6	0.28	mg/kg	6010B	07/01/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-25

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-18 0-3FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 13:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	89.8		%	2540G	07/02/10	1
TPH (GC/FID) Low Fraction	BDL	5.1	mg/kg	8015D/GRO	07/02/10	45.5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	88.2		% Rec.	8015D/GRO	07/02/10	45.5
Volatile Organics						
Acetone	BDL	0.056	mg/kg	8260B	07/02/10	1
Acrylonitrile	BDL	0.011	mg/kg	8260B	07/02/10	1
Benzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Bromobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
Bromoform	BDL	0.0011	mg/kg	8260B	07/02/10	1
Bromomethane	BDL	0.0056	mg/kg	8260B	07/02/10	1
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	07/02/10	1
Chlorobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Chlorodibromomethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
Chloroethane	BDL	0.0056	mg/kg	8260B	07/02/10	1
2-Chloroethyl vinyl ether	BDL	0.056	mg/kg	8260B	07/02/10	1
Chloroform	BDL	0.0056	mg/kg	8260B	07/02/10	1
Chloromethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	07/02/10	1
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,2-Dibromo-3-Chloropropane	BDL	0.0056	mg/kg	8260B	07/02/10	1
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
Dibromomethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Dichlorodifluoromethane	BDL	0.0056	mg/kg	8260B	07/02/10	1
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/02/10	1
cis-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/02/10	1
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,3-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/02/10	1
cis-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/02/10	1
trans-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/02/10	1
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/02/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-25

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-18 0-3FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 13:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	07/02/10	1
Ethylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Hexachloro-1,3-butadiene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
p-Isopropyltoluene	0.0023	0.0011	mg/kg	8260B	07/02/10	1
2-Butanone (MEK)	BDL	0.011	mg/kg	8260B	07/02/10	1
Methylene Chloride	BDL	0.0056	mg/kg	8260B	07/02/10	1
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	07/02/10	1
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	07/02/10	1
Naphthalene	BDL	0.0056	mg/kg	8260B	07/02/10	1
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Styrene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
Tetrachloroethene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Toluene	BDL	0.0056	mg/kg	8260B	07/02/10	1
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0011	mg/kg	8260B	07/02/10	1
Trichloroethene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Trichlorofluoromethane	BDL	0.0056	mg/kg	8260B	07/02/10	1
1,2,3-Trichloropropane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,2,4-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Vinyl chloride	BDL	0.0011	mg/kg	8260B	07/02/10	1
Xylenes, Total	BDL	0.0033	mg/kg	8260B	07/02/10	1
Surrogate Recovery						
Toluene-d8	96.6		% Rec.	8260B	07/02/10	1
Dibromofluoromethane	99.2		% Rec.	8260B	07/02/10	1
4-Bromofluorobenzene	90.5		% Rec.	8260B	07/02/10	1
TPH (GC/FID) High Fraction	19.	4.4	mg/kg	3546/DRO	06/29/10	1
Surrogate recovery(%)						
o-Terphenyl	54.1		% Rec.	3546/DRO	06/29/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-26

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-19 2-4FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 11:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	72.3		%	2540G	07/02/10	1
TPH (GC/FID) Low Fraction	BDL	8.0	mg/kg	8015D/GRO	07/02/10	57.5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	87.8		% Rec.	8015D/GRO	07/02/10	57.5
Volatile Organics						
Acetone	0.40	0.069	mg/kg	8260B	07/02/10	1
Acrylonitrile	BDL	0.014	mg/kg	8260B	07/02/10	1
Benzene	BDL	0.0014	mg/kg	8260B	07/02/10	1
Bromobenzene	BDL	0.0014	mg/kg	8260B	07/02/10	1
Bromodichloromethane	BDL	0.0014	mg/kg	8260B	07/02/10	1
Bromoform	BDL	0.0014	mg/kg	8260B	07/02/10	1
Bromomethane	BDL	0.0069	mg/kg	8260B	07/02/10	1
n-Butylbenzene	BDL	0.0014	mg/kg	8260B	07/02/10	1
sec-Butylbenzene	BDL	0.0014	mg/kg	8260B	07/02/10	1
tert-Butylbenzene	BDL	0.0014	mg/kg	8260B	07/02/10	1
Carbon tetrachloride	BDL	0.0014	mg/kg	8260B	07/02/10	1
Chlorobenzene	BDL	0.0014	mg/kg	8260B	07/02/10	1
Chlorodibromomethane	BDL	0.0014	mg/kg	8260B	07/02/10	1
Chloroethane	BDL	0.0069	mg/kg	8260B	07/02/10	1
2-Chloroethyl vinyl ether	BDL	0.069	mg/kg	8260B	07/02/10	1
Chloroform	BDL	0.0069	mg/kg	8260B	07/02/10	1
Chloromethane	BDL	0.0014	mg/kg	8260B	07/02/10	1
2-Chlorotoluene	BDL	0.0014	mg/kg	8260B	07/02/10	1
4-Chlorotoluene	BDL	0.0014	mg/kg	8260B	07/02/10	1
1,2-Dibromo-3-Chloropropane	BDL	0.0069	mg/kg	8260B	07/02/10	1
1,2-Dibromoethane	BDL	0.0014	mg/kg	8260B	07/02/10	1
Dibromomethane	BDL	0.0014	mg/kg	8260B	07/02/10	1
1,2-Dichlorobenzene	BDL	0.0014	mg/kg	8260B	07/02/10	1
1,3-Dichlorobenzene	BDL	0.0014	mg/kg	8260B	07/02/10	1
1,4-Dichlorobenzene	BDL	0.0014	mg/kg	8260B	07/02/10	1
Dichlorodifluoromethane	BDL	0.0069	mg/kg	8260B	07/02/10	1
1,1-Dichloroethane	BDL	0.0014	mg/kg	8260B	07/02/10	1
1,2-Dichloroethane	BDL	0.0014	mg/kg	8260B	07/02/10	1
1,1-Dichloroethene	BDL	0.0014	mg/kg	8260B	07/02/10	1
cis-1,2-Dichloroethene	BDL	0.0014	mg/kg	8260B	07/02/10	1
trans-1,2-Dichloroethene	BDL	0.0014	mg/kg	8260B	07/02/10	1
1,2-Dichloropropane	BDL	0.0014	mg/kg	8260B	07/02/10	1
1,1-Dichloropropene	BDL	0.0014	mg/kg	8260B	07/02/10	1
1,3-Dichloropropane	BDL	0.0014	mg/kg	8260B	07/02/10	1
cis-1,3-Dichloropropene	BDL	0.0014	mg/kg	8260B	07/02/10	1
trans-1,3-Dichloropropene	BDL	0.0014	mg/kg	8260B	07/02/10	1
2,2-Dichloropropane	BDL	0.0014	mg/kg	8260B	07/02/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-26

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-19 2-4FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 11:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Di-isopropyl ether	BDL	0.0014	mg/kg	8260B	07/02/10	1
Ethylbenzene	BDL	0.0014	mg/kg	8260B	07/02/10	1
Hexachloro-1,3-butadiene	BDL	0.0014	mg/kg	8260B	07/02/10	1
Isopropylbenzene	BDL	0.0014	mg/kg	8260B	07/02/10	1
p-Isopropyltoluene	0.067	0.0014	mg/kg	8260B	07/02/10	1
2-Butanone (MEK)	0.058	0.014	mg/kg	8260B	07/02/10	1
Methylene Chloride	BDL	0.0069	mg/kg	8260B	07/02/10	1
4-Methyl-2-pentanone (MIBK)	BDL	0.014	mg/kg	8260B	07/02/10	1
Methyl tert-butyl ether	BDL	0.0014	mg/kg	8260B	07/02/10	1
Naphthalene	BDL	0.0069	mg/kg	8260B	07/02/10	1
n-Propylbenzene	BDL	0.0014	mg/kg	8260B	07/02/10	1
Styrene	BDL	0.0014	mg/kg	8260B	07/02/10	1
1,1,1,2-Tetrachloroethane	BDL	0.0014	mg/kg	8260B	07/02/10	1
1,1,2,2-Tetrachloroethane	BDL	0.0014	mg/kg	8260B	07/02/10	1
Tetrachloroethene	BDL	0.0014	mg/kg	8260B	07/02/10	1
Toluene	BDL	0.0069	mg/kg	8260B	07/02/10	1
1,2,3-Trichlorobenzene	BDL	0.0014	mg/kg	8260B	07/02/10	1
1,2,4-Trichlorobenzene	BDL	0.0014	mg/kg	8260B	07/02/10	1
1,1,1-Trichloroethane	BDL	0.0014	mg/kg	8260B	07/02/10	1
1,1,2-Trichloroethane	BDL	0.0014	mg/kg	8260B	07/02/10	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0014	mg/kg	8260B	07/02/10	1
Trichloroethene	BDL	0.0014	mg/kg	8260B	07/02/10	1
Trichlorofluoromethane	BDL	0.0069	mg/kg	8260B	07/02/10	1
1,2,3-Trichloropropane	BDL	0.0014	mg/kg	8260B	07/02/10	1
1,2,4-Trimethylbenzene	BDL	0.0014	mg/kg	8260B	07/02/10	1
1,3,5-Trimethylbenzene	BDL	0.0014	mg/kg	8260B	07/02/10	1
Vinyl chloride	BDL	0.0014	mg/kg	8260B	07/02/10	1
Xylenes, Total	BDL	0.0041	mg/kg	8260B	07/02/10	1
Surrogate Recovery						
Toluene-d8	92.0		% Rec.	8260B	07/02/10	1
Dibromofluoromethane	110.		% Rec.	8260B	07/02/10	1
4-Bromofluorobenzene	78.4		% Rec.	8260B	07/02/10	1
TPH (GC/FID) High Fraction	11.	5.5	mg/kg	3546/DRO	06/29/10	1
Surrogate recovery(%)						
o-Terphenyl	54.9		% Rec.	3546/DRO	06/29/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-27

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-20 2-4FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 11:20

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	86.2		%	2540G	07/02/10	1
TPH (GC/FID) Low Fraction	BDL	5.2	mg/kg	8015D/GRO	07/02/10	45
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	87.7		% Rec.	8015D/GRO	07/02/10	45
Volatile Organics						
Acetone	0.058	0.058	mg/kg	8260B	07/02/10	1
Acrylonitrile	BDL	0.012	mg/kg	8260B	07/02/10	1
Benzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromodichloromethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromoform	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromomethane	BDL	0.0058	mg/kg	8260B	07/02/10	1
n-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
sec-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
tert-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Carbon tetrachloride	BDL	0.0012	mg/kg	8260B	07/02/10	1
Chlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Chlorodibromomethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Chloroethane	BDL	0.0058	mg/kg	8260B	07/02/10	1
2-Chloroethyl vinyl ether	BDL	0.058	mg/kg	8260B	07/02/10	1
Chloroform	BDL	0.0058	mg/kg	8260B	07/02/10	1
Chloromethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
2-Chlorotoluene	BDL	0.0012	mg/kg	8260B	07/02/10	1
4-Chlorotoluene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dibromo-3-Chloropropane	BDL	0.0058	mg/kg	8260B	07/02/10	1
1,2-Dibromoethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Dibromomethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,3-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,4-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Dichlorodifluoromethane	BDL	0.0058	mg/kg	8260B	07/02/10	1
1,1-Dichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
cis-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
trans-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,3-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1
cis-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/02/10	1
trans-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/02/10	1
2,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-27

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-20 2-4FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 11:20

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Di-isopropyl ether	BDL	0.0012	mg/kg	8260B	07/02/10	1
Ethylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Hexachloro-1,3-butadiene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Isopropylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
p-Isopropyltoluene	0.0026	0.0012	mg/kg	8260B	07/02/10	1
2-Butanone (MEK)	BDL	0.012	mg/kg	8260B	07/02/10	1
Methylene Chloride	BDL	0.0058	mg/kg	8260B	07/02/10	1
4-Methyl-2-pentanone (MIBK)	BDL	0.012	mg/kg	8260B	07/02/10	1
Methyl tert-butyl ether	BDL	0.0012	mg/kg	8260B	07/02/10	1
Naphthalene	BDL	0.0058	mg/kg	8260B	07/02/10	1
n-Propylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Styrene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,1,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,2,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Tetrachloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Toluene	BDL	0.0058	mg/kg	8260B	07/02/10	1
1,2,3-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2,4-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,1-Trichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,2-Trichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0012	mg/kg	8260B	07/02/10	1
Trichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Trichlorofluoromethane	BDL	0.0058	mg/kg	8260B	07/02/10	1
1,2,3-Trichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2,4-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,3,5-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Vinyl chloride	BDL	0.0012	mg/kg	8260B	07/02/10	1
Xylenes, Total	BDL	0.0035	mg/kg	8260B	07/02/10	1
Surrogate Recovery						
Toluene-d8	98.6		% Rec.	8260B	07/02/10	1
Dibromofluoromethane	104.		% Rec.	8260B	07/02/10	1
4-Bromofluorobenzene	97.1		% Rec.	8260B	07/02/10	1
TPH (GC/FID) High Fraction	BDL	4.6	mg/kg	3546/DRO	06/29/10	1
Surrogate recovery(%)						
o-Terphenyl	55.0		% Rec.	3546/DRO	06/29/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-28

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-21 3-6FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 12:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	84.3		%	2540G	07/02/10	1
TPH (GC/FID) Low Fraction	BDL	4.9	mg/kg	8015D/GRO	07/02/10	41
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	87.5		% Rec.	8015D/GRO	07/02/10	41
Volatile Organics						
Acetone	BDL	0.059	mg/kg	8260B	07/02/10	1
Acrylonitrile	BDL	0.012	mg/kg	8260B	07/02/10	1
Benzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromodichloromethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromoform	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromomethane	BDL	0.0059	mg/kg	8260B	07/02/10	1
n-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
sec-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
tert-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Carbon tetrachloride	BDL	0.0012	mg/kg	8260B	07/02/10	1
Chlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Chlorodibromomethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Chloroethane	BDL	0.0059	mg/kg	8260B	07/02/10	1
2-Chloroethyl vinyl ether	BDL	0.059	mg/kg	8260B	07/02/10	1
Chloroform	BDL	0.0059	mg/kg	8260B	07/02/10	1
Chloromethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
2-Chlorotoluene	BDL	0.0012	mg/kg	8260B	07/02/10	1
4-Chlorotoluene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dibromo-3-Chloropropane	BDL	0.0059	mg/kg	8260B	07/02/10	1
1,2-Dibromoethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Dibromomethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,3-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,4-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Dichlorodifluoromethane	BDL	0.0059	mg/kg	8260B	07/02/10	1
1,1-Dichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
cis-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
trans-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,3-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1
cis-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/02/10	1
trans-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/02/10	1
2,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-28

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-21 3-6FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 12:30

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Di-isopropyl ether	BDL	0.0012	mg/kg	8260B	07/02/10	1
Ethylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Hexachloro-1,3-butadiene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Isopropylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
p-Isopropyltoluene	BDL	0.0012	mg/kg	8260B	07/02/10	1
2-Butanone (MEK)	BDL	0.012	mg/kg	8260B	07/02/10	1
Methylene Chloride	BDL	0.0059	mg/kg	8260B	07/02/10	1
4-Methyl-2-pentanone (MIBK)	BDL	0.012	mg/kg	8260B	07/02/10	1
Methyl tert-butyl ether	BDL	0.0012	mg/kg	8260B	07/02/10	1
Naphthalene	BDL	0.0059	mg/kg	8260B	07/02/10	1
n-Propylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Styrene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,1,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,2,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Tetrachloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Toluene	BDL	0.0059	mg/kg	8260B	07/02/10	1
1,2,3-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2,4-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,1-Trichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,2-Trichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0012	mg/kg	8260B	07/02/10	1
Trichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Trichlorofluoromethane	BDL	0.0059	mg/kg	8260B	07/02/10	1
1,2,3-Trichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2,4-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,3,5-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Vinyl chloride	BDL	0.0012	mg/kg	8260B	07/02/10	1
Xylenes, Total	BDL	0.0036	mg/kg	8260B	07/02/10	1
Surrogate Recovery						
Toluene-d8	107.		% Rec.	8260B	07/02/10	1
Dibromofluoromethane	101.		% Rec.	8260B	07/02/10	1
4-Bromofluorobenzene	91.8		% Rec.	8260B	07/02/10	1
TPH (GC/FID) High Fraction	BDL	4.7	mg/kg	3546/DRO	06/29/10	1
Surrogate recovery(%)						
o-Terphenyl	65.3		% Rec.	3546/DRO	06/29/10	1

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BDL - Below Detection Limit
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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-29

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-22 3-6FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 13:10

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	79.1		%	2540G	07/02/10	1
TPH (GC/FID) Low Fraction	BDL	6.8	mg/kg	8015D/GRO	07/02/10	53.5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	105.		% Rec.	8015D/GRO	07/02/10	53.5
Volatile Organics						
Acetone	BDL	0.063	mg/kg	8260B	07/02/10	1
Acrylonitrile	BDL	0.013	mg/kg	8260B	07/02/10	1
Benzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Bromobenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Bromodichloromethane	BDL	0.0013	mg/kg	8260B	07/02/10	1
Bromoform	BDL	0.0013	mg/kg	8260B	07/02/10	1
Bromomethane	BDL	0.0063	mg/kg	8260B	07/02/10	1
n-Butylbenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
sec-Butylbenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
tert-Butylbenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Carbon tetrachloride	BDL	0.0013	mg/kg	8260B	07/02/10	1
Chlorobenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Chlorodibromomethane	BDL	0.0013	mg/kg	8260B	07/02/10	1
Chloroethane	BDL	0.0063	mg/kg	8260B	07/02/10	1
2-Chloroethyl vinyl ether	BDL	0.063	mg/kg	8260B	07/02/10	1
Chloroform	BDL	0.0063	mg/kg	8260B	07/02/10	1
Chloromethane	BDL	0.0013	mg/kg	8260B	07/02/10	1
2-Chlorotoluene	BDL	0.0013	mg/kg	8260B	07/02/10	1
4-Chlorotoluene	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,2-Dibromo-3-Chloropropane	BDL	0.0063	mg/kg	8260B	07/02/10	1
1,2-Dibromoethane	BDL	0.0013	mg/kg	8260B	07/02/10	1
Dibromomethane	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,2-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,3-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,4-Dichlorobenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Dichlorodifluoromethane	BDL	0.0063	mg/kg	8260B	07/02/10	1
1,1-Dichloroethane	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,2-Dichloroethane	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,1-Dichloroethene	BDL	0.0013	mg/kg	8260B	07/02/10	1
cis-1,2-Dichloroethene	BDL	0.0013	mg/kg	8260B	07/02/10	1
trans-1,2-Dichloroethene	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,2-Dichloropropane	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,1-Dichloropropene	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,3-Dichloropropane	BDL	0.0013	mg/kg	8260B	07/02/10	1
cis-1,3-Dichloropropene	BDL	0.0013	mg/kg	8260B	07/02/10	1
trans-1,3-Dichloropropene	BDL	0.0013	mg/kg	8260B	07/02/10	1
2,2-Dichloropropane	BDL	0.0013	mg/kg	8260B	07/02/10	1

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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-29

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-22 3-6FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 13:10

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Di-isopropyl ether	BDL	0.0013	mg/kg	8260B	07/02/10	1
Ethylbenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Hexachloro-1,3-butadiene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Isopropylbenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
p-Isopropyltoluene	BDL	0.0013	mg/kg	8260B	07/02/10	1
2-Butanone (MEK)	BDL	0.013	mg/kg	8260B	07/02/10	1
Methylene Chloride	BDL	0.0063	mg/kg	8260B	07/02/10	1
4-Methyl-2-pentanone (MIBK)	BDL	0.013	mg/kg	8260B	07/02/10	1
Methyl tert-butyl ether	BDL	0.0013	mg/kg	8260B	07/02/10	1
Naphthalene	BDL	0.0063	mg/kg	8260B	07/02/10	1
n-Propylbenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Styrene	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,1,1,2-Tetrachloroethane	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,1,2,2-Tetrachloroethane	BDL	0.0013	mg/kg	8260B	07/02/10	1
Tetrachloroethene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Toluene	BDL	0.0063	mg/kg	8260B	07/02/10	1
1,2,3-Trichlorobenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,2,4-Trichlorobenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,1,1-Trichloroethane	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,1,2-Trichloroethane	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0013	mg/kg	8260B	07/02/10	1
Trichloroethene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Trichlorofluoromethane	BDL	0.0063	mg/kg	8260B	07/02/10	1
1,2,3-Trichloropropane	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,2,4-Trimethylbenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
1,3,5-Trimethylbenzene	BDL	0.0013	mg/kg	8260B	07/02/10	1
Vinyl chloride	BDL	0.0013	mg/kg	8260B	07/02/10	1
Xylenes, Total	BDL	0.0038	mg/kg	8260B	07/02/10	1
Surrogate Recovery						
Toluene-d8	98.7		% Rec.	8260B	07/02/10	1
Dibromofluoromethane	102.		% Rec.	8260B	07/02/10	1
4-Bromofluorobenzene	96.7		% Rec.	8260B	07/02/10	1
TPH (GC/FID) High Fraction	BDL	5.0	mg/kg	3546/DRO	06/29/10	1
Surrogate recovery(%)						
o-Terphenyl	80.0		% Rec.	3546/DRO	06/29/10	1

Results listed are dry weight basis.
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Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-30

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-23 0-3FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 13:05

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	89.3		%	2540G	07/02/10	1
TPH (GC/FID) Low Fraction	BDL	4.8	mg/kg	8015D/GRO	07/02/10	43
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	105.		% Rec.	8015D/GRO	07/02/10	43
Volatile Organics						
Acetone	0.074	0.069	mg/kg	8260B	07/02/10	1.24
Acrylonitrile	BDL	0.014	mg/kg	8260B	07/02/10	1.24
Benzene	0.0096	0.0014	mg/kg	8260B	07/02/10	1.24
Bromobenzene	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
Bromodichloromethane	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
Bromoform	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
Bromomethane	BDL	0.0069	mg/kg	8260B	07/02/10	1.24
n-Butylbenzene	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
sec-Butylbenzene	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
tert-Butylbenzene	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
Carbon tetrachloride	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
Chlorobenzene	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
Chlorodibromomethane	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
Chloroethane	BDL	0.0069	mg/kg	8260B	07/02/10	1.24
2-Chloroethyl vinyl ether	BDL	0.069	mg/kg	8260B	07/02/10	1.24
Chloroform	BDL	0.0069	mg/kg	8260B	07/02/10	1.24
Chloromethane	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
2-Chlorotoluene	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
4-Chlorotoluene	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
1,2-Dibromo-3-Chloropropane	BDL	0.0069	mg/kg	8260B	07/02/10	1.24
1,2-Dibromoethane	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
Dibromomethane	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
1,2-Dichlorobenzene	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
1,3-Dichlorobenzene	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
1,4-Dichlorobenzene	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
Dichlorodifluoromethane	BDL	0.0069	mg/kg	8260B	07/02/10	1.24
1,1-Dichloroethane	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
1,2-Dichloroethane	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
1,1-Dichloroethene	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
cis-1,2-Dichloroethene	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
trans-1,2-Dichloroethene	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
1,2-Dichloropropane	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
1,1-Dichloropropene	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
1,3-Dichloropropane	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
cis-1,3-Dichloropropene	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
trans-1,3-Dichloropropene	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
2,2-Dichloropropane	BDL	0.0014	mg/kg	8260B	07/02/10	1.24

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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Est. 1970

REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-30

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-23 0-3FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 13:05

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Di-isopropyl ether	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
Ethylbenzene	0.0027	0.0014	mg/kg	8260B	07/02/10	1.24
Hexachloro-1,3-butadiene	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
Isopropylbenzene	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
p-Isopropyltoluene	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
2-Butanone (MEK)	0.020	0.014	mg/kg	8260B	07/02/10	1.24
Methylene Chloride	BDL	0.0069	mg/kg	8260B	07/02/10	1.24
4-Methyl-2-pentanone (MIBK)	BDL	0.014	mg/kg	8260B	07/02/10	1.24
Methyl tert-butyl ether	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
Naphthalene	BDL	0.0069	mg/kg	8260B	07/02/10	1.24
n-Propylbenzene	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
Styrene	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
1,1,1,2-Tetrachloroethane	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
1,1,2,2-Tetrachloroethane	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
Tetrachloroethene	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
Toluene	BDL	0.0069	mg/kg	8260B	07/02/10	1.24
1,2,3-Trichlorobenzene	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
1,2,4-Trichlorobenzene	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
1,1,1-Trichloroethane	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
1,1,2-Trichloroethane	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
Trichloroethene	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
Trichlorofluoromethane	BDL	0.0069	mg/kg	8260B	07/02/10	1.24
1,2,3-Trichloropropane	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
1,2,4-Trimethylbenzene	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
1,3,5-Trimethylbenzene	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
Vinyl chloride	BDL	0.0014	mg/kg	8260B	07/02/10	1.24
Xylenes, Total	BDL	0.0042	mg/kg	8260B	07/02/10	1.24
Surrogate Recovery						
Toluene-d8	95.6		% Rec.	8260B	07/02/10	1.24
Dibromofluoromethane	102.		% Rec.	8260B	07/02/10	1.24
4-Bromofluorobenzene	115.		% Rec.	8260B	07/02/10	1.24
TPH (GC/FID) High Fraction	11.	4.5	mg/kg	3546/DRO	06/30/10	1
Surrogate recovery(%)						
o-Terphenyl	78.8		% Rec.	3546/DRO	06/30/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-31

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-24 3-6FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 12:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	91.0		%	2540G	07/02/10	1
TPH (GC/FID) Low Fraction	BDL	4.6	mg/kg	8015D/GRO	07/02/10	42
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	105.		% Rec.	8015D/GRO	07/02/10	42
Volatile Organics						
Acetone	BDL	0.055	mg/kg	8260B	07/02/10	1
Acrylonitrile	BDL	0.011	mg/kg	8260B	07/02/10	1
Benzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Bromobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
Bromoform	BDL	0.0011	mg/kg	8260B	07/02/10	1
Bromomethane	BDL	0.0055	mg/kg	8260B	07/02/10	1
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	07/02/10	1
Chlorobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Chlorodibromomethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
Chloroethane	BDL	0.0055	mg/kg	8260B	07/02/10	1
2-Chloroethyl vinyl ether	BDL	0.055	mg/kg	8260B	07/02/10	1
Chloroform	BDL	0.0055	mg/kg	8260B	07/02/10	1
Chloromethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	07/02/10	1
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,2-Dibromo-3-Chloropropane	BDL	0.0055	mg/kg	8260B	07/02/10	1
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
Dibromomethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Dichlorodifluoromethane	BDL	0.0055	mg/kg	8260B	07/02/10	1
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/02/10	1
cis-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/02/10	1
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,3-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/02/10	1
cis-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/02/10	1
trans-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/02/10	1
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/02/10	1

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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-31

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-24 3-6FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 12:00

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	07/02/10	1
Ethylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Hexachloro-1,3-butadiene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
p-Isopropyltoluene	BDL	0.0011	mg/kg	8260B	07/02/10	1
2-Butanone (MEK)	BDL	0.011	mg/kg	8260B	07/02/10	1
Methylene Chloride	BDL	0.0055	mg/kg	8260B	07/02/10	1
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	07/02/10	1
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	07/02/10	1
Naphthalene	BDL	0.0055	mg/kg	8260B	07/02/10	1
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Styrene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
Tetrachloroethene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Toluene	BDL	0.0055	mg/kg	8260B	07/02/10	1
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0011	mg/kg	8260B	07/02/10	1
Trichloroethene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Trichlorofluoromethane	BDL	0.0055	mg/kg	8260B	07/02/10	1
1,2,3-Trichloropropane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,2,4-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Vinyl chloride	BDL	0.0011	mg/kg	8260B	07/02/10	1
Xylenes, Total	BDL	0.0033	mg/kg	8260B	07/02/10	1
Surrogate Recovery						
Toluene-d8	99.2		% Rec.	8260B	07/02/10	1
Dibromofluoromethane	106.		% Rec.	8260B	07/02/10	1
4-Bromofluorobenzene	94.7		% Rec.	8260B	07/02/10	1
TPH (GC/FID) High Fraction	330	88.	mg/kg	3546/DRO	06/30/10	20
Surrogate recovery(%)						
o-Terphenyl	0.00		% Rec.	3546/DRO	06/30/10	20

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-32

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-25 3-6FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 11:40

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	91.5		%	2540G	07/02/10	1
TPH (GC/FID) Low Fraction	BDL	5.2	mg/kg	8015D/GRO	07/02/10	47.5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	105.		% Rec.	8015D/GRO	07/02/10	47.5
Volatile Organics						
Acetone	BDL	0.055	mg/kg	8260B	07/02/10	1
Acrylonitrile	BDL	0.011	mg/kg	8260B	07/02/10	1
Benzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Bromobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Bromodichloromethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
Bromoform	BDL	0.0011	mg/kg	8260B	07/02/10	1
Bromomethane	BDL	0.0055	mg/kg	8260B	07/02/10	1
n-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
sec-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
tert-Butylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Carbon tetrachloride	BDL	0.0011	mg/kg	8260B	07/02/10	1
Chlorobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Chlorodibromomethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
Chloroethane	BDL	0.0055	mg/kg	8260B	07/02/10	1
2-Chloroethyl vinyl ether	BDL	0.055	mg/kg	8260B	07/02/10	1
Chloroform	BDL	0.0055	mg/kg	8260B	07/02/10	1
Chloromethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
2-Chlorotoluene	BDL	0.0011	mg/kg	8260B	07/02/10	1
4-Chlorotoluene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,2-Dibromo-3-Chloropropane	BDL	0.0055	mg/kg	8260B	07/02/10	1
1,2-Dibromoethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
Dibromomethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,2-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,3-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,4-Dichlorobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Dichlorodifluoromethane	BDL	0.0055	mg/kg	8260B	07/02/10	1
1,1-Dichloroethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,2-Dichloroethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/02/10	1
cis-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/02/10	1
trans-1,2-Dichloroethene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,3-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/02/10	1
cis-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/02/10	1
trans-1,3-Dichloropropene	BDL	0.0011	mg/kg	8260B	07/02/10	1
2,2-Dichloropropane	BDL	0.0011	mg/kg	8260B	07/02/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-32

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-25 3-6FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 11:40

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Di-isopropyl ether	BDL	0.0011	mg/kg	8260B	07/02/10	1
Ethylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Hexachloro-1,3-butadiene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Isopropylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
p-Isopropyltoluene	BDL	0.0011	mg/kg	8260B	07/02/10	1
2-Butanone (MEK)	BDL	0.011	mg/kg	8260B	07/02/10	1
Methylene Chloride	BDL	0.0055	mg/kg	8260B	07/02/10	1
4-Methyl-2-pentanone (MIBK)	BDL	0.011	mg/kg	8260B	07/02/10	1
Methyl tert-butyl ether	BDL	0.0011	mg/kg	8260B	07/02/10	1
Naphthalene	BDL	0.0055	mg/kg	8260B	07/02/10	1
n-Propylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Styrene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1,1,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1,2,2-Tetrachloroethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
Tetrachloroethene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Toluene	BDL	0.0055	mg/kg	8260B	07/02/10	1
1,2,3-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,2,4-Trichlorobenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1,1-Trichloroethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1,2-Trichloroethane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0011	mg/kg	8260B	07/02/10	1
Trichloroethene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Trichlorofluoromethane	BDL	0.0055	mg/kg	8260B	07/02/10	1
1,2,3-Trichloropropane	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,2,4-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
1,3,5-Trimethylbenzene	BDL	0.0011	mg/kg	8260B	07/02/10	1
Vinyl chloride	BDL	0.0011	mg/kg	8260B	07/02/10	1
Xylenes, Total	BDL	0.0033	mg/kg	8260B	07/02/10	1
Surrogate Recovery						
Toluene-d8	97.0		% Rec.	8260B	07/02/10	1
Dibromofluoromethane	92.3		% Rec.	8260B	07/02/10	1
4-Bromofluorobenzene	98.1		% Rec.	8260B	07/02/10	1
TPH (GC/FID) High Fraction	11.	4.4	mg/kg	3546/DRO	06/30/10	1
Surrogate recovery(%)						
o-Terphenyl	91.0		% Rec.	3546/DRO	06/30/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-33

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-26 0-3FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 15:15

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Total Solids	80.8		%	2540G	07/02/10	1
TPH (GC/FID) Low Fraction	BDL	6.2	mg/kg	8015D/GRO	07/02/10	50.5
Surrogate Recovery-%						
a,a,a-Trifluorotoluene(FID)	105.		% Rec.	8015D/GRO	07/02/10	50.5
Volatile Organics						
Acetone	BDL	0.062	mg/kg	8260B	07/02/10	1
Acrylonitrile	BDL	0.012	mg/kg	8260B	07/02/10	1
Benzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromodichloromethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromoform	BDL	0.0012	mg/kg	8260B	07/02/10	1
Bromomethane	BDL	0.0062	mg/kg	8260B	07/02/10	1
n-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
sec-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
tert-Butylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Carbon tetrachloride	BDL	0.0012	mg/kg	8260B	07/02/10	1
Chlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Chlorodibromomethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Chloroethane	BDL	0.0062	mg/kg	8260B	07/02/10	1
2-Chloroethyl vinyl ether	BDL	0.062	mg/kg	8260B	07/02/10	1
Chloroform	BDL	0.0062	mg/kg	8260B	07/02/10	1
Chloromethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
2-Chlorotoluene	BDL	0.0012	mg/kg	8260B	07/02/10	1
4-Chlorotoluene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dibromo-3-Chloropropane	BDL	0.0062	mg/kg	8260B	07/02/10	1
1,2-Dibromoethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Dibromomethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,3-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,4-Dichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Dichlorodifluoromethane	BDL	0.0062	mg/kg	8260B	07/02/10	1
1,1-Dichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
cis-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
trans-1,2-Dichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,3-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1
cis-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/02/10	1
trans-1,3-Dichloropropene	BDL	0.0012	mg/kg	8260B	07/02/10	1
2,2-Dichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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REPORT OF ANALYSIS

Ty Colwell
Withers & Ravenel Eng. - Standard
111 MacKenan Drive
Cary, NC 27511

July 06,2010

ESC Sample # : L466440-33

Date Received : June 19, 2010
Description : 1400 Pt. Harbor Rd

Site ID :

Sample ID : SP-26 0-3FT

Project # : 02100148.00

Collected By : Troy Beasley
Collection Date : 06/18/10 15:15

Parameter	Dry Result	Det. Limit	Units	Method	Date	Dil.
Di-isopropyl ether	BDL	0.0012	mg/kg	8260B	07/02/10	1
Ethylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Hexachloro-1,3-butadiene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Isopropylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
p-Isopropyltoluene	BDL	0.0012	mg/kg	8260B	07/02/10	1
2-Butanone (MEK)	BDL	0.012	mg/kg	8260B	07/02/10	1
Methylene Chloride	BDL	0.0062	mg/kg	8260B	07/02/10	1
4-Methyl-2-pentanone (MIBK)	BDL	0.012	mg/kg	8260B	07/02/10	1
Methyl tert-butyl ether	BDL	0.0012	mg/kg	8260B	07/02/10	1
Naphthalene	BDL	0.0062	mg/kg	8260B	07/02/10	1
n-Propylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Styrene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,1,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,2,2-Tetrachloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
Tetrachloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Toluene	BDL	0.0062	mg/kg	8260B	07/02/10	1
1,2,3-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2,4-Trichlorobenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,1-Trichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,2-Trichloroethane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,1,2-Trichloro-1,2,2-trifluoro	BDL	0.0012	mg/kg	8260B	07/02/10	1
Trichloroethene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Trichlorofluoromethane	BDL	0.0062	mg/kg	8260B	07/02/10	1
1,2,3-Trichloropropane	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,2,4-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
1,3,5-Trimethylbenzene	BDL	0.0012	mg/kg	8260B	07/02/10	1
Vinyl chloride	BDL	0.0012	mg/kg	8260B	07/02/10	1
Xylenes, Total	BDL	0.0037	mg/kg	8260B	07/02/10	1
Surrogate Recovery						
Toluene-d8	101.		% Rec.	8260B	07/02/10	1
Dibromofluoromethane	105.		% Rec.	8260B	07/02/10	1
4-Bromofluorobenzene	107.		% Rec.	8260B	07/02/10	1
TPH (GC/FID) High Fraction	BDL	5.0	mg/kg	3546/DRO	06/30/10	1
Surrogate recovery(%)						
o-Terphenyl	68.1		% Rec.	3546/DRO	06/30/10	1

Results listed are dry weight basis.
BDL - Below Detection Limit
Det. Limit - Practical Quantitation Limit(PQL)
Note:
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Reported: 07/06/10 10:32 Printed: 07/06/10 10:36

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
L466440-01	WG486518	SAMP	Acetone	R1274368	J6J3
	WG486518	SAMP	Acrylonitrile	R1274368	J3
	WG486518	SAMP	Benzene	R1274368	J3
	WG486518	SAMP	Bromobenzene	R1274368	J3
	WG486518	SAMP	Bromodichloromethane	R1274368	J3
	WG486518	SAMP	Bromoform	R1274368	J3
	WG486518	SAMP	tert-Butylbenzene	R1274368	J3
	WG486518	SAMP	Carbon tetrachloride	R1274368	J3
	WG486518	SAMP	Chlorobenzene	R1274368	J3
	WG486518	SAMP	Chlorodibromomethane	R1274368	J3
	WG486518	SAMP	Chloroform	R1274368	J3
	WG486518	SAMP	2-Chlorotoluene	R1274368	J3
	WG486518	SAMP	4-Chlorotoluene	R1274368	J3
	WG486518	SAMP	1,2-Dibromo-3-Chloropropane	R1274368	J3
	WG486518	SAMP	1,2-Dibromoethane	R1274368	J3
	WG486518	SAMP	Dibromomethane	R1274368	J3
	WG486518	SAMP	1,3-Dichlorobenzene	R1274368	J3
	WG486518	SAMP	1,2-Dichloroethane	R1274368	J3
	WG486518	SAMP	1,2-Dichloropropane	R1274368	J3
	WG486518	SAMP	1,1-Dichloropropene	R1274368	J3
	WG486518	SAMP	1,3-Dichloropropane	R1274368	J3
	WG486518	SAMP	cis-1,3-Dichloropropene	R1274368	J3
	WG486518	SAMP	trans-1,3-Dichloropropene	R1274368	J3
	WG486518	SAMP	Isopropylbenzene	R1274368	J3
	WG486518	SAMP	2-Butanone (MEK)	R1274368	J3
	WG486518	SAMP	4-Methyl-2-pentanone (MIBK)	R1274368	J3
	WG486518	SAMP	n-Propylbenzene	R1274368	J3
	WG486518	SAMP	Styrene	R1274368	J3
	WG486518	SAMP	1,1,1,2-Tetrachloroethane	R1274368	J3
	WG486518	SAMP	1,1,2,2-Tetrachloroethane	R1274368	J3
	WG486518	SAMP	Tetrachloroethene	R1274368	J3
	WG486518	SAMP	Toluene	R1274368	J3
	WG486518	SAMP	1,1,1-Trichloroethane	R1274368	J3
	WG486518	SAMP	1,2,3-Trichloropropane	R1274368	J3
	WG486518	SAMP	1,2,4-Trimethylbenzene	R1274368	J3
	WG486518	SAMP	1,3,5-Trimethylbenzene	R1274368	J3
	WG486518	SAMP	Xylenes, Total	R1274368	J3
L466440-02	WG486518	SAMP	Acetone	R1274368	J3
	WG486518	SAMP	Acrylonitrile	R1274368	J3
	WG486518	SAMP	1,2-Dibromo-3-Chloropropane	R1274368	J3
L466440-03	WG486518	SAMP	Acetone	R1274368	J3
	WG486518	SAMP	Acrylonitrile	R1274368	J3
	WG486518	SAMP	1,2-Dibromo-3-Chloropropane	R1274368	J3
L466440-04	WG486518	SAMP	Acetone	R1274368	J3
	WG486518	SAMP	Acrylonitrile	R1274368	J3
	WG486518	SAMP	1,2-Dibromo-3-Chloropropane	R1274368	J3
L466440-05	WG486518	SAMP	Acetone	R1274368	J3
	WG486518	SAMP	Acrylonitrile	R1274368	J3
	WG486518	SAMP	1,2-Dibromo-3-Chloropropane	R1274368	J3
L466440-06	WG485900	SAMP	o-Terphenyl	R1271910	J7
	WG486518	SAMP	Acetone	R1274368	J3
	WG486518	SAMP	Acrylonitrile	R1274368	J3
	WG486518	SAMP	1,2-Dibromo-3-Chloropropane	R1274368	J3
L466440-07	WG486518	SAMP	Acetone	R1274368	J3
	WG486518	SAMP	Acrylonitrile	R1274368	J3
	WG486518	SAMP	1,2-Dibromo-3-Chloropropane	R1274368	J3
L466440-08	WG485900	SAMP	o-Terphenyl	R1271910	J7
	WG486633	SAMP	2-Chloroethyl vinyl ether	R1275228	J3
	WG486633	SAMP	1,2-Dibromoethane	R1275228	J3
	WG486633	SAMP	1,3-Dichloropropane	R1275228	J3
	WG486633	SAMP	Toluene-d8	R1275228	J2
	WG486633	SAMP	4-Bromofluorobenzene	R1275228	J2
L466440-09	WG486518	SAMP	Acetone	R1274368	J3
	WG486518	SAMP	Acrylonitrile	R1274368	J3
	WG486518	SAMP	1,2-Dibromo-3-Chloropropane	R1274368	J3
L466440-10	WG486518	SAMP	Acetone	R1274368	J3
	WG486518	SAMP	Acrylonitrile	R1274368	J3
	WG486518	SAMP	1,2-Dibromo-3-Chloropropane	R1274368	J3
L466440-13	WG486633	SAMP	2-Chloroethyl vinyl ether	R1275228	J3

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
	WG486633	SAMP	1,2-Dibromoethane	R1275228	J3
	WG486633	SAMP	1,3-Dichloropropane	R1275228	J3
L466440-15	WG486220	SAMP	Acenaphthene	R1273752	O
	WG486220	SAMP	Acenaphthylene	R1273752	O
	WG486220	SAMP	Anthracene	R1273752	O
	WG486220	SAMP	Benzidine	R1273752	J3O
	WG486220	SAMP	Benzo(a)anthracene	R1273752	O
	WG486220	SAMP	Benzo(b)fluoranthene	R1273752	O
	WG486220	SAMP	Benzo(k)fluoranthene	R1273752	O
	WG486220	SAMP	Benzo(g,h,i)perylene	R1273752	O
	WG486220	SAMP	Benzo(a)pyrene	R1273752	O
	WG486220	SAMP	Bis(2-chlorethoxy)methane	R1273752	O
	WG486220	SAMP	Bis(2-chloroethyl)ether	R1273752	O
	WG486220	SAMP	Bis(2-chloroisopropyl)ether	R1273752	O
	WG486220	SAMP	4-Bromophenyl-phenylether	R1273752	O
	WG486220	SAMP	2-Chloronaphthalene	R1273752	O
	WG486220	SAMP	4-Chlorophenyl-phenylether	R1273752	O
	WG486220	SAMP	Chrysene	R1273752	O
	WG486220	SAMP	Dibenz(a,h)anthracene	R1273752	O
	WG486220	SAMP	3,3-Dichlorobenzidine	R1273752	O
	WG486220	SAMP	2,4-Dinitrotoluene	R1273752	O
	WG486220	SAMP	2,6-Dinitrotoluene	R1273752	O
	WG486220	SAMP	Fluoranthene	R1273752	O
	WG486220	SAMP	Fluorene	R1273752	O
	WG486220	SAMP	Hexachlorobenzene	R1273752	O
	WG486220	SAMP	Hexachloro-1,3-butadiene	R1273752	O
	WG486220	SAMP	Hexachlorocyclopentadiene	R1273752	O
	WG486220	SAMP	Hexachloroethane	R1273752	O
	WG486220	SAMP	Indeno(1,2,3-cd)pyrene	R1273752	O
	WG486220	SAMP	Isophorone	R1273752	O
	WG486220	SAMP	Naphthalene	R1273752	O
	WG486220	SAMP	Nitrobenzene	R1273752	O
	WG486220	SAMP	n-Nitrosodimethylamine	R1273752	O
	WG486220	SAMP	n-Nitrosodiphenylamine	R1273752	O
	WG486220	SAMP	n-Nitrosodi-n-propylamine	R1273752	O
	WG486220	SAMP	Phenanthrene	R1273752	O
	WG486220	SAMP	Benzylbutyl phthalate	R1273752	O
	WG486220	SAMP	Bis(2-ethylhexyl)phthalate	R1273752	O
	WG486220	SAMP	Di-n-butyl phthalate	R1273752	O
	WG486220	SAMP	Diethyl phthalate	R1273752	O
	WG486220	SAMP	Dimethyl phthalate	R1273752	O
	WG486220	SAMP	Di-n-octyl phthalate	R1273752	O
	WG486220	SAMP	Pyrene	R1273752	O
	WG486220	SAMP	1,2,4-Trichlorobenzene	R1273752	O
	WG486220	SAMP	4-Chloro-3-methylphenol	R1273752	O
	WG486220	SAMP	2-Chlorophenol	R1273752	O
	WG486220	SAMP	2,4-Dichlorophenol	R1273752	O
	WG486220	SAMP	2,4-Dimethylphenol	R1273752	O
	WG486220	SAMP	4,6-Dinitro-2-methylphenol	R1273752	O
	WG486220	SAMP	2,4-Dinitrophenol	R1273752	O
	WG486220	SAMP	2-Nitrophenol	R1273752	O
	WG486220	SAMP	4-Nitrophenol	R1273752	O
	WG486220	SAMP	Pentachlorophenol	R1273752	J4O
	WG486220	SAMP	Phenol	R1273752	O
	WG486220	SAMP	2,4,6-Trichlorophenol	R1273752	O
	WG486220	SAMP	2-Fluorophenol	R1273752	J7
	WG486220	SAMP	Phenol-d5	R1273752	J7
	WG486220	SAMP	Nitrobenzene-d5	R1273752	J7
	WG486220	SAMP	2-Fluorobiphenyl	R1273752	J7
	WG486220	SAMP	2,4,6-Tribromophenol	R1273752	J7
	WG486220	SAMP	p-Terphenyl-d14	R1273752	J7
L466440-16	WG486220	SAMP	Acenaphthene	R1273752	O
	WG486220	SAMP	Acenaphthylene	R1273752	O
	WG486220	SAMP	Anthracene	R1273752	O
	WG486220	SAMP	Benzidine	R1273752	J3O
	WG486220	SAMP	Benzo(a)anthracene	R1273752	O
	WG486220	SAMP	Benzo(b)fluoranthene	R1273752	O
	WG486220	SAMP	Benzo(k)fluoranthene	R1273752	O
	WG486220	SAMP	Benzo(g,h,i)perylene	R1273752	O
	WG486220	SAMP	Benzo(a)pyrene	R1273752	O

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
	WG486220	SAMP	Bis(2-chlorethoxy)methane	R1273752	O
	WG486220	SAMP	Bis(2-chloroethyl)ether	R1273752	O
	WG486220	SAMP	Bis(2-chloroisopropyl)ether	R1273752	O
	WG486220	SAMP	4-Bromophenyl-phenylether	R1273752	O
	WG486220	SAMP	2-Chloronaphthalene	R1273752	O
	WG486220	SAMP	4-Chlorophenyl-phenylether	R1273752	O
	WG486220	SAMP	Chrysene	R1273752	O
	WG486220	SAMP	Dibenz(a,h)anthracene	R1273752	O
	WG486220	SAMP	3,3-Dichlorobenzidine	R1273752	O
	WG486220	SAMP	2,4-Dinitrotoluene	R1273752	O
	WG486220	SAMP	2,6-Dinitrotoluene	R1273752	O
	WG486220	SAMP	Fluoranthene	R1273752	O
	WG486220	SAMP	Fluorene	R1273752	O
	WG486220	SAMP	Hexachlorobenzene	R1273752	O
	WG486220	SAMP	Hexachloro-1,3-butadiene	R1273752	O
	WG486220	SAMP	Hexachlorocyclopentadiene	R1273752	O
	WG486220	SAMP	Hexachloroethane	R1273752	O
	WG486220	SAMP	Indeno(1,2,3-cd)pyrene	R1273752	O
	WG486220	SAMP	Isophorone	R1273752	O
	WG486220	SAMP	Naphthalene	R1273752	O
	WG486220	SAMP	Nitrobenzene	R1273752	O
	WG486220	SAMP	n-Nitrosodimethylamine	R1273752	O
	WG486220	SAMP	n-Nitrosodiphenylamine	R1273752	O
	WG486220	SAMP	n-Nitrosodi-n-propylamine	R1273752	O
	WG486220	SAMP	Phenanthrene	R1273752	O
	WG486220	SAMP	Benzylbutyl phthalate	R1273752	O
	WG486220	SAMP	Bis(2-ethylhexyl)phthalate	R1273752	O
	WG486220	SAMP	Di-n-butyl phthalate	R1273752	O
	WG486220	SAMP	Diethyl phthalate	R1273752	O
	WG486220	SAMP	Dimethyl phthalate	R1273752	O
	WG486220	SAMP	Di-n-octyl phthalate	R1273752	O
	WG486220	SAMP	Pyrene	R1273752	O
	WG486220	SAMP	1,2,4-Trichlorobenzene	R1273752	O
	WG486220	SAMP	4-Chloro-3-methylphenol	R1273752	O
	WG486220	SAMP	2-Chlorophenol	R1273752	O
	WG486220	SAMP	2,4-Dichlorophenol	R1273752	O
	WG486220	SAMP	2,4-Dimethylphenol	R1273752	O
	WG486220	SAMP	4,6-Dinitro-2-methylphenol	R1273752	O
	WG486220	SAMP	2,4-Dinitrophenol	R1273752	O
	WG486220	SAMP	2-Nitrophenol	R1273752	O
	WG486220	SAMP	4-Nitrophenol	R1273752	O
	WG486220	SAMP	Pentachlorophenol	R1273752	J4O
	WG486220	SAMP	Phenol	R1273752	O
	WG486220	SAMP	2,4,6-Trichlorophenol	R1273752	O
	WG486220	SAMP	2-Fluorophenol	R1273752	J7
	WG486220	SAMP	Phenol-d5	R1273752	J7
	WG486220	SAMP	Nitrobenzene-d5	R1273752	J7
	WG486220	SAMP	2-Fluorobiphenyl	R1273752	J7
	WG486220	SAMP	2,4,6-Tribromophenol	R1273752	J7
	WG486220	SAMP	p-Terphenyl-d14	R1273752	J7
L466440-17	WG486220	SAMP	Acenaphthene	R1273752	O
	WG486220	SAMP	Acenaphthylene	R1273752	O
	WG486220	SAMP	Anthracene	R1273752	O
	WG486220	SAMP	Benzidine	R1273752	J3O
	WG486220	SAMP	Benzo(a)anthracene	R1273752	O
	WG486220	SAMP	Benzo(b)fluoranthene	R1273752	O
	WG486220	SAMP	Benzo(k)fluoranthene	R1273752	O
	WG486220	SAMP	Benzo(g,h,i)perylene	R1273752	O
	WG486220	SAMP	Benzo(a)pyrene	R1273752	O
	WG486220	SAMP	Bis(2-chlorethoxy)methane	R1273752	O
	WG486220	SAMP	Bis(2-chloroethyl)ether	R1273752	O
	WG486220	SAMP	Bis(2-chloroisopropyl)ether	R1273752	O
	WG486220	SAMP	4-Bromophenyl-phenylether	R1273752	O
	WG486220	SAMP	2-Chloronaphthalene	R1273752	O
	WG486220	SAMP	4-Chlorophenyl-phenylether	R1273752	O
	WG486220	SAMP	Chrysene	R1273752	O
	WG486220	SAMP	Dibenz(a,h)anthracene	R1273752	O
	WG486220	SAMP	3,3-Dichlorobenzidine	R1273752	O
	WG486220	SAMP	2,4-Dinitrotoluene	R1273752	O
	WG486220	SAMP	2,6-Dinitrotoluene	R1273752	O

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
	WG486220	SAMP	Fluoranthene	R1273752	O
	WG486220	SAMP	Fluorene	R1273752	O
	WG486220	SAMP	Hexachlorobenzene	R1273752	O
	WG486220	SAMP	Hexachloro-1,3-butadiene	R1273752	O
	WG486220	SAMP	Hexachlorocyclopentadiene	R1273752	O
	WG486220	SAMP	Hexachloroethane	R1273752	O
	WG486220	SAMP	Indeno(1,2,3-cd)pyrene	R1273752	O
	WG486220	SAMP	Isophorone	R1273752	O
	WG486220	SAMP	Naphthalene	R1273752	O
	WG486220	SAMP	Nitrobenzene	R1273752	O
	WG486220	SAMP	n-Nitrosodimethylamine	R1273752	O
	WG486220	SAMP	n-Nitrosodiphenylamine	R1273752	O
	WG486220	SAMP	n-Nitrosodi-n-propylamine	R1273752	O
	WG486220	SAMP	Phenanthrene	R1273752	O
	WG486220	SAMP	Benzylbutyl phthalate	R1273752	O
	WG486220	SAMP	Bis(2-ethylhexyl)phthalate	R1273752	O
	WG486220	SAMP	Di-n-butyl phthalate	R1273752	O
	WG486220	SAMP	Diethyl phthalate	R1273752	O
	WG486220	SAMP	Dimethyl phthalate	R1273752	O
	WG486220	SAMP	Di-n-octyl phthalate	R1273752	O
	WG486220	SAMP	Pyrene	R1273752	O
	WG486220	SAMP	1,2,4-Trichlorobenzene	R1273752	O
	WG486220	SAMP	4-Chloro-3-methylphenol	R1273752	O
	WG486220	SAMP	2-Chlorophenol	R1273752	O
	WG486220	SAMP	2,4-Dichlorophenol	R1273752	O
	WG486220	SAMP	2,4-Dimethylphenol	R1273752	O
	WG486220	SAMP	4,6-Dinitro-2-methylphenol	R1273752	O
	WG486220	SAMP	2,4-Dinitrophenol	R1273752	O
	WG486220	SAMP	2-Nitrophenol	R1273752	O
	WG486220	SAMP	4-Nitrophenol	R1273752	O
	WG486220	SAMP	Pentachlorophenol	R1273752	J4O
	WG486220	SAMP	Phenol	R1273752	O
	WG486220	SAMP	2,4,6-Trichlorophenol	R1273752	O
L466440-26	WG486520	SAMP	Acetone	R1274774	J6
	WG486520	SAMP	Acrylonitrile	R1274774	J3
	WG486520	SAMP	Benzene	R1274774	J3
	WG486520	SAMP	Bromobenzene	R1274774	J3
	WG486520	SAMP	Bromodichloromethane	R1274774	J6J3
	WG486520	SAMP	Bromoform	R1274774	J3
	WG486520	SAMP	Bromomethane	R1274774	J3
	WG486520	SAMP	n-Butylbenzene	R1274774	J3
	WG486520	SAMP	sec-Butylbenzene	R1274774	J3
	WG486520	SAMP	tert-Butylbenzene	R1274774	J3
	WG486520	SAMP	Carbon tetrachloride	R1274774	J3
	WG486520	SAMP	Chlorobenzene	R1274774	J3
	WG486520	SAMP	Chlorodibromomethane	R1274774	J6J3
	WG486520	SAMP	Chloroethane	R1274774	J3
	WG486520	SAMP	2-Chloroethyl vinyl ether	R1274774	J3
	WG486520	SAMP	Chloroform	R1274774	J6J3
	WG486520	SAMP	Chloromethane	R1274774	J3
	WG486520	SAMP	2-Chlorotoluene	R1274774	J3
	WG486520	SAMP	4-Chlorotoluene	R1274774	J3
	WG486520	SAMP	1,2-Dibromo-3-Chloropropane	R1274774	J3
	WG486520	SAMP	1,2-Dibromoethane	R1274774	J3
	WG486520	SAMP	Dibromomethane	R1274774	J3
	WG486520	SAMP	1,2-Dichlorobenzene	R1274774	J3
	WG486520	SAMP	1,3-Dichlorobenzene	R1274774	J3
	WG486520	SAMP	1,4-Dichlorobenzene	R1274774	J3
	WG486520	SAMP	Dichlorodifluoromethane	R1274774	J3
	WG486520	SAMP	1,1-Dichloroethane	R1274774	J3
	WG486520	SAMP	1,2-Dichloroethane	R1274774	J3
	WG486520	SAMP	1,1-Dichloroethene	R1274774	J3
	WG486520	SAMP	cis-1,2-Dichloroethene	R1274774	J3
	WG486520	SAMP	trans-1,2-Dichloroethene	R1274774	J3
	WG486520	SAMP	1,2-Dichloropropane	R1274774	J6J3
	WG486520	SAMP	1,1-Dichloropropene	R1274774	J3
	WG486520	SAMP	1,3-Dichloropropane	R1274774	J6J3
	WG486520	SAMP	cis-1,3-Dichloropropene	R1274774	J3
	WG486520	SAMP	trans-1,3-Dichloropropene	R1274774	J3
	WG486520	SAMP	2,2-Dichloropropane	R1274774	J3

Attachment A
List of Analytes with QC Qualifiers

Sample Number	Work Group	Sample Type	Analyte	Run ID	Qualifier
	WG486520	SAMP	Di-isopropyl ether	R1274774	J6J3
	WG486520	SAMP	Ethylbenzene	R1274774	J3
	WG486520	SAMP	Hexachloro-1,3-butadiene	R1274774	J3
	WG486520	SAMP	Isopropylbenzene	R1274774	J3
	WG486520	SAMP	p-Isopropyltoluene	R1274774	J6J3
	WG486520	SAMP	2-Butanone (MEK)	R1274774	J6J3
	WG486520	SAMP	Methylene Chloride	R1274774	J3
	WG486520	SAMP	4-Methyl-2-pentanone (MIBK)	R1274774	J3
	WG486520	SAMP	Methyl tert-butyl ether	R1274774	J3
	WG486520	SAMP	Naphthalene	R1274774	J3
	WG486520	SAMP	n-Propylbenzene	R1274774	J3
	WG486520	SAMP	Styrene	R1274774	J3
	WG486520	SAMP	1,1,1,2-Tetrachloroethane	R1274774	J6J3
	WG486520	SAMP	1,1,2,2-Tetrachloroethane	R1274774	J3
	WG486520	SAMP	Tetrachloroethene	R1274774	J3
	WG486520	SAMP	Toluene	R1274774	J3
	WG486520	SAMP	1,2,3-Trichlorobenzene	R1274774	J3
	WG486520	SAMP	1,2,4-Trichlorobenzene	R1274774	J3
	WG486520	SAMP	1,1,1-Trichloroethane	R1274774	J3
	WG486520	SAMP	1,1,2-Trichloroethane	R1274774	J6J3
	WG486520	SAMP	1,1,2-Trichloro-1,2,2-trifluoroethane	R1274774	J3
	WG486520	SAMP	Trichloroethene	R1274774	J3
	WG486520	SAMP	Trichlorofluoromethane	R1274774	J3
	WG486520	SAMP	1,2,3-Trichloropropane	R1274774	J6J3
	WG486520	SAMP	1,2,4-Trimethylbenzene	R1274774	J3
	WG486520	SAMP	1,3,5-Trimethylbenzene	R1274774	J3
	WG486520	SAMP	Vinyl chloride	R1274774	J3
	WG486520	SAMP	Xylenes, Total	R1274774	J3
L466440-31	WG486141	SAMP	o-Terphenyl	R1272371	J7
L466440-32	WG486633	SAMP	2-Chloroethyl vinyl ether	R1275228	J3
	WG486633	SAMP	1,2-Dibromoethane	R1275228	J3
	WG486633	SAMP	1,3-Dichloropropane	R1275228	J3

Attachment B
Explanation of QC Qualifier Codes

Qualifier	Meaning
J2	Surrogate recovery limits have been exceeded; values are outside lower control limits
J3	The associated batch QC was outside the established quality control range for precision.
O	(ESC) Sample diluted due to matrix interferences that impaired the ability to make an accurate analytical determination. The detection limit is elevated in order to reflect the necessary dilution.
J4	The associated batch QC was outside the established quality control range for accuracy.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low
J7	Surrogate recovery limits cannot be evaluated; surrogates were diluted out

Qualifier Report Information

ESC utilizes sample and result qualifiers as set forth by the EPA Contract Laboratory Program and as required by most certifying bodies including NELAC. In addition to the EPA qualifiers adopted by ESC, we have implemented ESC qualifiers to provide more information pertaining to our analytical results. Each qualifier is designated in the qualifier explanation as either EPA or ESC. Data qualifiers are intended to provide the ESC client with more detailed information concerning the potential bias of reported data. Because of the wide range of constituents and variety of matrices incorporated by most EPA methods,it is common for some compounds to fall outside of established ranges. These exceptions are evaluated and all reported data is valid and useable "unless qualified as 'R' (Rejected)."

Definitions

Accuracy - The relationship of the observed value of a known sample to the true value of a known sample. Represented by percent recovery and relevant to samples such as: control samples, matrix spike recoveries, surrogate recoveries, etc.

Precision - The agreement between a set of samples or between duplicate samples. Relates to how close together the results are and is represented by Relative Percent Differrence.

Surrogate - Organic compounds that are similar in chemical composition, extraction, and chromotography to analytes of interest. The surrogates are used to determine the probable response of the group of analytes that are chemically related to the surrogate compound. Surrogates are added to the sample and carried through all stages of preparation and analyses.

TIC - Tentatively Identified Compound: Compounds detected in samples that are not target compounds, internal standards, system monitoring compounds, or surrogates.

Summary of Remarks For Samples Printed
07/06/10 at 10:36:38

TSR Signing Reports: 134
RX - Priority Rush

Sample: L466440-01 Account: WITHRAVS Received: 06/19/10 09:00 Due Date: 07/02/10 00:00 RPT Date: 07/06/10 10:32

Sample: L466440-02 Account: WITHRAVS Received: 06/19/10 09:00 Due Date: 07/02/10 00:00 RPT Date: 07/06/10 10:32

Sample: L466440-03 Account: WITHRAVS Received: 06/19/10 09:00 Due Date: 07/02/10 00:00 RPT Date: 07/06/10 10:32

Sample: L466440-04 Account: WITHRAVS Received: 06/19/10 09:00 Due Date: 07/02/10 00:00 RPT Date: 07/06/10 10:32

Sample: L466440-05 Account: WITHRAVS Received: 06/19/10 09:00 Due Date: 07/02/10 00:00 RPT Date: 07/06/10 10:32

Sample: L466440-06 Account: WITHRAVS Received: 06/19/10 09:00 Due Date: 07/02/10 00:00 RPT Date: 07/06/10 10:32

Sample: L466440-07 Account: WITHRAVS Received: 06/19/10 09:00 Due Date: 07/02/10 00:00 RPT Date: 07/06/10 10:32

Sample: L466440-08 Account: WITHRAVS Received: 06/19/10 09:00 Due Date: 07/02/10 00:00 RPT Date: 07/06/10 10:32

Sample: L466440-09 Account: WITHRAVS Received: 06/19/10 09:00 Due Date: 07/02/10 00:00 RPT Date: 07/06/10 10:32

Sample: L466440-10 Account: WITHRAVS Received: 06/19/10 09:00 Due Date: 07/02/10 00:00 RPT Date: 07/06/10 10:32

Sample: L466440-11 Account: WITHRAVS Received: 06/19/10 09:00 Due Date: 07/02/10 00:00 RPT Date: 07/06/10 10:32

Sample: L466440-12 Account: WITHRAVS Received: 06/19/10 09:00 Due Date: 07/02/10 00:00 RPT Date: 07/06/10 10:32

Sample: L466440-13 Account: WITHRAVS Received: 06/19/10 09:00 Due Date: 07/02/10 00:00 RPT Date: 07/06/10 10:32

Sample: L466440-14 Account: WITHRAVS Received: 06/19/10 09:00 Due Date: 07/02/10 00:00 RPT Date: 07/06/10 10:32

Sample: L466440-15 Account: WITHRAVS Received: 06/19/10 09:00 Due Date: 07/02/10 00:00 RPT Date: 07/06/10 10:32
Removed SV8081/8082 - MB 6/28
Sample: L466440-16 Account: WITHRAVS Received: 06/19/10 09:00 Due Date: 07/02/10 00:00 RPT Date: 07/06/10 10:32
Removed SV8081/8082 - MB 6/28
Sample: L466440-17 Account: WITHRAVS Received: 06/19/10 09:00 Due Date: 07/02/10 00:00 RPT Date: 07/06/10 10:32
Removed SV8081/8082 - MB 6/28
Sample: L466440-18 Account: WITHRAVS Received: 06/19/10 09:00 Due Date: 07/02/10 00:00 RPT Date: 07/06/10 10:32
Removed Cr & Pb - MB 6/28
Sample: L466440-19 Account: WITHRAVS Received: 06/19/10 09:00 Due Date: 07/02/10 00:00 RPT Date: 07/06/10 10:32

Sample: L466440-20 Account: WITHRAVS Received: 06/19/10 09:00 Due Date: 07/02/10 00:00 RPT Date: 07/06/10 10:32

Sample: L466440-21 Account: WITHRAVS Received: 06/19/10 09:00 Due Date: 07/02/10 00:00 RPT Date: 07/06/10 10:32

Sample: L466440-22 Account: WITHRAVS Received: 06/19/10 09:00 Due Date: 07/02/10 00:00 RPT Date: 07/06/10 10:32

Sample: L466440-23 Account: WITHRAVS Received: 06/19/10 09:00 Due Date: 07/02/10 00:00 RPT Date: 07/06/10 10:32

Sample: L466440-24 Account: WITHRAVS Received: 06/19/10 09:00 Due Date: 07/02/10 00:00 RPT Date: 07/06/10 10:32

Sample: L466440-25 Account: WITHRAVS Received: 06/19/10 09:00 Due Date: 07/02/10 00:00 RPT Date: 07/06/10 10:32

Sample: L466440-26 Account: WITHRAVS Received: 06/19/10 09:00 Due Date: 07/02/10 00:00 RPT Date: 07/06/10 10:32

Sample: L466440-27 Account: WITHRAVS Received: 06/19/10 09:00 Due Date: 07/02/10 00:00 RPT Date: 07/06/10 10:32

Sample: L466440-28 Account: WITHRAVS Received: 06/19/10 09:00 Due Date: 07/02/10 00:00 RPT Date: 07/06/10 10:32

Sample: L466440-29 Account: WITHRAVS Received: 06/19/10 09:00 Due Date: 07/02/10 00:00 RPT Date: 07/06/10 10:32

Sample: L466440-30 Account: WITHRAVS Received: 06/19/10 09:00 Due Date: 07/02/10 00:00 RPT Date: 07/06/10 10:32

Sample: L466440-31 Account: WITHRAVS Received: 06/19/10 09:00 Due Date: 07/02/10 00:00 RPT Date: 07/06/10 10:32

Sample: L466440-32 Account: WITHRAVS Received: 06/19/10 09:00 Due Date: 07/02/10 00:00 RPT Date: 07/06/10 10:32

Sample: L466440-33 Account: WITHRAVS Received: 06/19/10 09:00 Due Date: 07/02/10 00:00 RPT Date: 07/06/10 10:32

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Est. 1970

Withers & Ravenel Eng. - Standard
Ty Colwell
111 MacKenan Drive

Cary, NC 27511

Quality Assurance Report
Level II

L466440

July 06, 2010

Laboratory Blank

Analyte	Result	Units	% Rec	Limit	Batch	Date Analyzed
TPH (GC/FID) High Fraction	< 4	ppm			WG485900	06/29/10 03:41
o-Terphenyl		% Rec.	77.47	50-150	WG485900	06/29/10 03:41
TPH (GC/FID) High Fraction	< 4	ppm			WG486141	06/30/10 03:16
o-Terphenyl		% Rec.	80.91	50-150	WG486141	06/30/10 03:16
TPH (GC/FID) High Fraction	< 4	ppm			WG485785	06/29/10 14:02
o-Terphenyl		% Rec.	78.60	50-150	WG485785	06/29/10 14:02
PCB 1016	< .017	mg/kg			WG485669	06/30/10 11:36
PCB 1221	< .017	mg/kg			WG485669	06/30/10 11:36
PCB 1232	< .017	mg/kg			WG485669	06/30/10 11:36
PCB 1242	< .017	mg/kg			WG485669	06/30/10 11:36
PCB 1248	< .017	mg/kg			WG485669	06/30/10 11:36
PCB 1254	< .017	mg/kg			WG485669	06/30/10 11:36
PCB 1260	< .017	mg/kg			WG485669	06/30/10 11:36
Decachlorobiphenyl		% Rec.	76.94	18.9-115.8	WG485669	06/30/10 11:36
Tetrachloro-m-xylene		% Rec.	55.55	31.8-115.7	WG485669	06/30/10 11:36
TPH (GC/FID) High Fraction	< 4	ppm			WG486360	07/01/10 05:07
o-Terphenyl		% Rec.	75.74	50-150	WG486360	07/01/10 05:07
TPH (GC/FID) Low Fraction	< .1	mg/kg			WG486273	07/01/10 13:12
a,a,a-Trifluorotoluene(FID)		% Rec.	98.64	59-128	WG486273	07/01/10 13:12
1,2,4-Trichlorobenzene	< .333	mg/kg			WG486220	07/01/10 14:22
2,4,6-Trichlorophenol	< .333	mg/kg			WG486220	07/01/10 14:22
2,4-Dichlorophenol	< .333	mg/kg			WG486220	07/01/10 14:22
2,4-Dimethylphenol	< .333	mg/kg			WG486220	07/01/10 14:22
2,4-Dinitrophenol	< .333	mg/kg			WG486220	07/01/10 14:22
2,4-Dinitrotoluene	< .333	mg/kg			WG486220	07/01/10 14:22
2,6-Dinitrotoluene	< .333	mg/kg			WG486220	07/01/10 14:22
2-Chloronaphthalene	< .033	mg/kg			WG486220	07/01/10 14:22
2-Chlorophenol	< .333	mg/kg			WG486220	07/01/10 14:22
2-Nitrophenol	< .333	mg/kg			WG486220	07/01/10 14:22
3,3-Dichlorobenzidine	< .333	mg/kg			WG486220	07/01/10 14:22
4,6-Dinitro-2-methylphenol	< .333	mg/kg			WG486220	07/01/10 14:22
4-Bromophenyl-phenylether	< .333	mg/kg			WG486220	07/01/10 14:22
4-Chloro-3-methylphenol	< .333	mg/kg			WG486220	07/01/10 14:22
4-Chlorophenyl-phenylether	< .333	mg/kg			WG486220	07/01/10 14:22
4-Nitrophenol	< .333	mg/kg			WG486220	07/01/10 14:22
Acenaphthene	< .033	mg/kg			WG486220	07/01/10 14:22
Acenaphthylene	< .033	mg/kg			WG486220	07/01/10 14:22
Anthracene	< .033	mg/kg			WG486220	07/01/10 14:22
Benzidine	< .333	mg/kg			WG486220	07/01/10 14:22
Benzo(a)anthracene	< .033	mg/kg			WG486220	07/01/10 14:22
Benzo(a)pyrene	< .033	mg/kg			WG486220	07/01/10 14:22
Benzo(b)fluoranthene	< .033	mg/kg			WG486220	07/01/10 14:22
Benzo(g,h,i)perylene	< .033	mg/kg			WG486220	07/01/10 14:22
Benzo(k)fluoranthene	< .033	mg/kg			WG486220	07/01/10 14:22
Benzylbutyl phthalate	< .333	mg/kg			WG486220	07/01/10 14:22
Bis(2-chlorethoxy)methane	< .333	mg/kg			WG486220	07/01/10 14:22
Bis(2-chloroethyl)ether	< .333	mg/kg			WG486220	07/01/10 14:22

* Performance of this Analyte is outside of established criteria.
For additional information, please see Attachment A 'List of Analytes with QC Qualifiers.'

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111 MacKenan Drive

Cary, NC 27511

Quality Assurance Report
Level II

L466440

July 06, 2010

Laboratory Blank

Analyte	Result	Units	% Rec	Limit	Batch	Date Analyzed
Bis(2-chloroisopropyl)ether	< .333	mg/kg			WG486220	07/01/10 14:22
Bis(2-ethylhexyl)phthalate	< .333	mg/kg			WG486220	07/01/10 14:22
Chrysene	< .033	mg/kg			WG486220	07/01/10 14:22
Di-n-butyl phthalate	< .333	mg/kg			WG486220	07/01/10 14:22
Di-n-octyl phthalate	< .333	mg/kg			WG486220	07/01/10 14:22
Dibenz(a,h)anthracene	< .033	mg/kg			WG486220	07/01/10 14:22
Diethyl phthalate	< .333	mg/kg			WG486220	07/01/10 14:22
Dimethyl phthalate	< .333	mg/kg			WG486220	07/01/10 14:22
Fluoranthene	< .033	mg/kg			WG486220	07/01/10 14:22
Fluorene	< .033	mg/kg			WG486220	07/01/10 14:22
Hexachloro-1,3-butadiene	< .333	mg/kg			WG486220	07/01/10 14:22
Hexachlorobenzene	< .333	mg/kg			WG486220	07/01/10 14:22
Hexachlorocyclopentadiene	< .333	mg/kg			WG486220	07/01/10 14:22
Hexachloroethane	< .333	mg/kg			WG486220	07/01/10 14:22
Indeno(1,2,3-cd)pyrene	< .033	mg/kg			WG486220	07/01/10 14:22
Isophorone	< .333	mg/kg			WG486220	07/01/10 14:22
n-Nitrosodi-n-propylamine	< .333	mg/kg			WG486220	07/01/10 14:22
n-Nitrosodimethylamine	< .333	mg/kg			WG486220	07/01/10 14:22
n-Nitrosodiphenylamine	< .333	mg/kg			WG486220	07/01/10 14:22
Naphthalene	< .033	mg/kg			WG486220	07/01/10 14:22
Nitrobenzene	< .333	mg/kg			WG486220	07/01/10 14:22
Pentachlorophenol	< .333	mg/kg			WG486220	07/01/10 14:22
Phenanthrene	< .033	mg/kg			WG486220	07/01/10 14:22
Phenol	< .333	mg/kg			WG486220	07/01/10 14:22
Pyrene	< .033	mg/kg			WG486220	07/01/10 14:22
2,4,6-Tribromophenol		mg/kg	89.65	25-137	WG486220	07/01/10 14:22
2-Fluorobiphenyl		mg/kg	89.56	30-120	WG486220	07/01/10 14:22
2-Fluorophenol		mg/kg	86.76	26-130	WG486220	07/01/10 14:22
Nitrobenzene-d5		mg/kg	73.18	18-119	WG486220	07/01/10 14:22
Phenol-d5		mg/kg	97.68	37-141	WG486220	07/01/10 14:22
p-Terphenyl-d14		mg/kg	131.0	23-143	WG486220	07/01/10 14:22
TPH (GC/FID) Low Fraction	< .1	mg/kg			WG486470	07/01/10 13:37
a,a,a-Trifluorotoluene(FID)		% Rec.	86.41	59-128	WG486470	07/01/10 13:37
TPH (GC/FID) Low Fraction	< .1	mg/kg			WG486473	07/02/10 03:18
a,a,a-Trifluorotoluene(FID)		% Rec.	86.16	59-128	WG486473	07/02/10 03:18
Chromium	< .5	mg/kg			WG486131	07/01/10 11:49
Lead	< .25	mg/kg			WG486131	07/01/10 11:49
1,1,1,2-Tetrachloroethane	< .001	mg/kg			WG486518	07/02/10 07:31
1,1,1-Trichloroethane	< .001	mg/kg			WG486518	07/02/10 07:31
1,1,2,2-Tetrachloroethane	< .001	mg/kg			WG486518	07/02/10 07:31
1,1,2-Trichloroethane	< .001	mg/kg			WG486518	07/02/10 07:31
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/kg			WG486518	07/02/10 07:31
1,1-Dichloroethane	< .001	mg/kg			WG486518	07/02/10 07:31
1,1-Dichloroethene	< .001	mg/kg			WG486518	07/02/10 07:31
1,1-Dichloropropene	< .001	mg/kg			WG486518	07/02/10 07:31
1,2,3-Trichlorobenzene	< .001	mg/kg			WG486518	07/02/10 07:31
1,2,3-Trichloropropane	< .001	mg/kg			WG486518	07/02/10 07:31
1,2,4-Trichlorobenzene	< .001	mg/kg			WG486518	07/02/10 07:31
1,2,4-Trimethylbenzene	< .001	mg/kg			WG486518	07/02/10 07:31
1,2-Dibromo-3-Chloropropane	< .005	mg/kg			WG486518	07/02/10 07:31
1,2-Dibromoethane	< .001	mg/kg			WG486518	07/02/10 07:31

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Quality Assurance Report
Level II

L466440

July 06, 2010

Laboratory Blank

Analyte	Result	Units	% Rec	Limit	Batch	Date Analyzed
1,2-Dichlorobenzene	< .001	mg/kg			WG486518	07/02/10 07:31
1,2-Dichloroethane	< .001	mg/kg			WG486518	07/02/10 07:31
1,2-Dichloropropane	< .001	mg/kg			WG486518	07/02/10 07:31
1,3,5-Trimethylbenzene	< .001	mg/kg			WG486518	07/02/10 07:31
1,3-Dichlorobenzene	< .001	mg/kg			WG486518	07/02/10 07:31
1,3-Dichloropropane	< .001	mg/kg			WG486518	07/02/10 07:31
1,4-Dichlorobenzene	< .001	mg/kg			WG486518	07/02/10 07:31
2,2-Dichloropropane	< .001	mg/kg			WG486518	07/02/10 07:31
2-Butanone (MEK)	< .01	mg/kg			WG486518	07/02/10 07:31
2-Chloroethyl vinyl ether	< .001	mg/kg			WG486518	07/02/10 07:31
2-Chlorotoluene	< .001	mg/kg			WG486518	07/02/10 07:31
4-Chlorotoluene	< .001	mg/kg			WG486518	07/02/10 07:31
4-Methyl-2-pentanone (MIBK)	< .01	mg/kg			WG486518	07/02/10 07:31
Acetone	< .05	mg/kg			WG486518	07/02/10 07:31
Acrylonitrile	< .01	mg/kg			WG486518	07/02/10 07:31
Benzene	< .001	mg/kg			WG486518	07/02/10 07:31
Bromobenzene	< .001	mg/kg			WG486518	07/02/10 07:31
Bromodichloromethane	< .001	mg/kg			WG486518	07/02/10 07:31
Bromoform	< .001	mg/kg			WG486518	07/02/10 07:31
Bromomethane	< .005	mg/kg			WG486518	07/02/10 07:31
Carbon tetrachloride	< .001	mg/kg			WG486518	07/02/10 07:31
Chlorobenzene	< .001	mg/kg			WG486518	07/02/10 07:31
Chlorodibromomethane	< .001	mg/kg			WG486518	07/02/10 07:31
Chloroethane	< .005	mg/kg			WG486518	07/02/10 07:31
Chloroform	< .005	mg/kg			WG486518	07/02/10 07:31
Chloromethane	< .001	mg/kg			WG486518	07/02/10 07:31
cis-1,2-Dichloroethene	< .001	mg/kg			WG486518	07/02/10 07:31
cis-1,3-Dichloropropene	< .001	mg/kg			WG486518	07/02/10 07:31
Di-isopropyl ether	< .001	mg/kg			WG486518	07/02/10 07:31
Dibromomethane	< .001	mg/kg			WG486518	07/02/10 07:31
Dichlorodifluoromethane	< .005	mg/kg			WG486518	07/02/10 07:31
Ethylbenzene	< .001	mg/kg			WG486518	07/02/10 07:31
Hexachloro-1,3-butadiene	< .001	mg/kg			WG486518	07/02/10 07:31
Isopropylbenzene	< .001	mg/kg			WG486518	07/02/10 07:31
Methyl tert-butyl ether	< .001	mg/kg			WG486518	07/02/10 07:31
Methylene Chloride	< .005	mg/kg			WG486518	07/02/10 07:31
n-Butylbenzene	< .001	mg/kg			WG486518	07/02/10 07:31
n-Propylbenzene	< .001	mg/kg			WG486518	07/02/10 07:31
Naphthalene	< .005	mg/kg			WG486518	07/02/10 07:31
p-Isopropyltoluene	< .001	mg/kg			WG486518	07/02/10 07:31
sec-Butylbenzene	< .001	mg/kg			WG486518	07/02/10 07:31
Styrene	< .001	mg/kg			WG486518	07/02/10 07:31
tert-Butylbenzene	< .001	mg/kg			WG486518	07/02/10 07:31
Tetrachloroethene	< .001	mg/kg			WG486518	07/02/10 07:31
Toluene	< .005	mg/kg			WG486518	07/02/10 07:31
trans-1,2-Dichloroethene	< .001	mg/kg			WG486518	07/02/10 07:31
trans-1,3-Dichloropropene	< .001	mg/kg			WG486518	07/02/10 07:31
Trichloroethene	< .001	mg/kg			WG486518	07/02/10 07:31
Trichlorofluoromethane	< .005	mg/kg			WG486518	07/02/10 07:31
Vinyl chloride	< .001	mg/kg			WG486518	07/02/10 07:31
Xylenes, Total	< .003	mg/kg			WG486518	07/02/10 07:31
4-Bromofluorobenzene		% Rec.	101.7	59-140	WG486518	07/02/10 07:31
Dibromofluoromethane		% Rec.	92.67	63-139	WG486518	07/02/10 07:31
Toluene-d8		% Rec.	99.06	84-116	WG486518	07/02/10 07:31
1,1,1,2-Tetrachloroethane	< .001	mg/kg			WG486519	07/02/10 07:52
1,1,1-Trichloroethane	< .001	mg/kg			WG486519	07/02/10 07:52
1,1,2,2-Tetrachloroethane	< .001	mg/kg			WG486519	07/02/10 07:52

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Quality Assurance Report
Level II

L466440

July 06, 2010

Laboratory Blank

Analyte	Result	Units	% Rec	Limit	Batch	Date Analyzed
1,1,2-Trichloroethane	< .001	mg/kg			WG486519	07/02/10 07:52
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/kg			WG486519	07/02/10 07:52
1,1-Dichloroethane	< .001	mg/kg			WG486519	07/02/10 07:52
1,1-Dichloroethene	< .001	mg/kg			WG486519	07/02/10 07:52
1,1-Dichloropropene	< .001	mg/kg			WG486519	07/02/10 07:52
1,2,3-Trichlorobenzene	< .001	mg/kg			WG486519	07/02/10 07:52
1,2,3-Trichloropropane	< .001	mg/kg			WG486519	07/02/10 07:52
1,2,4-Trichlorobenzene	< .001	mg/kg			WG486519	07/02/10 07:52
1,2,4-Trimethylbenzene	< .001	mg/kg			WG486519	07/02/10 07:52
1,2-Dibromo-3-Chloropropane	< .005	mg/kg			WG486519	07/02/10 07:52
1,2-Dibromoethane	< .001	mg/kg			WG486519	07/02/10 07:52
1,2-Dichlorobenzene	< .001	mg/kg			WG486519	07/02/10 07:52
1,2-Dichloroethane	< .001	mg/kg			WG486519	07/02/10 07:52
1,2-Dichloropropane	< .001	mg/kg			WG486519	07/02/10 07:52
1,3,5-Trimethylbenzene	< .001	mg/kg			WG486519	07/02/10 07:52
1,3-Dichlorobenzene	< .001	mg/kg			WG486519	07/02/10 07:52
1,3-Dichloropropane	< .001	mg/kg			WG486519	07/02/10 07:52
1,4-Dichlorobenzene	< .001	mg/kg			WG486519	07/02/10 07:52
2,2-Dichloropropane	< .001	mg/kg			WG486519	07/02/10 07:52
2-Butanone (MEK)	< .01	mg/kg			WG486519	07/02/10 07:52
2-Chloroethyl vinyl ether	< .001	mg/kg			WG486519	07/02/10 07:52
2-Chlorotoluene	< .001	mg/kg			WG486519	07/02/10 07:52
4-Chlorotoluene	< .001	mg/kg			WG486519	07/02/10 07:52
4-Methyl-2-pentanone (MIBK)	< .01	mg/kg			WG486519	07/02/10 07:52
Acetone	< .05	mg/kg			WG486519	07/02/10 07:52
Acrylonitrile	< .01	mg/kg			WG486519	07/02/10 07:52
Benzene	< .001	mg/kg			WG486519	07/02/10 07:52
Bromobenzene	< .001	mg/kg			WG486519	07/02/10 07:52
Bromodichloromethane	< .001	mg/kg			WG486519	07/02/10 07:52
Bromoform	< .001	mg/kg			WG486519	07/02/10 07:52
Bromomethane	< .005	mg/kg			WG486519	07/02/10 07:52
Carbon tetrachloride	< .001	mg/kg			WG486519	07/02/10 07:52
Chlorobenzene	< .001	mg/kg			WG486519	07/02/10 07:52
Chlorodibromomethane	< .001	mg/kg			WG486519	07/02/10 07:52
Chloroethane	< .005	mg/kg			WG486519	07/02/10 07:52
Chloroform	< .005	mg/kg			WG486519	07/02/10 07:52
Chloromethane	< .001	mg/kg			WG486519	07/02/10 07:52
cis-1,2-Dichloroethene	< .001	mg/kg			WG486519	07/02/10 07:52
cis-1,3-Dichloropropene	< .001	mg/kg			WG486519	07/02/10 07:52
Di-isopropyl ether	< .001	mg/kg			WG486519	07/02/10 07:52
Dibromomethane	< .001	mg/kg			WG486519	07/02/10 07:52
Dichlorodifluoromethane	< .005	mg/kg			WG486519	07/02/10 07:52
Ethylbenzene	< .001	mg/kg			WG486519	07/02/10 07:52
Hexachloro-1,3-butadiene	< .001	mg/kg			WG486519	07/02/10 07:52
Isopropylbenzene	< .001	mg/kg			WG486519	07/02/10 07:52
Methyl tert-butyl ether	< .001	mg/kg			WG486519	07/02/10 07:52
Methylene Chloride	< .005	mg/kg			WG486519	07/02/10 07:52
n-Butylbenzene	< .001	mg/kg			WG486519	07/02/10 07:52
n-Propylbenzene	< .001	mg/kg			WG486519	07/02/10 07:52
Naphthalene	< .005	mg/kg			WG486519	07/02/10 07:52
p-Isopropyltoluene	< .001	mg/kg			WG486519	07/02/10 07:52
sec-Butylbenzene	< .001	mg/kg			WG486519	07/02/10 07:52
Styrene	< .001	mg/kg			WG486519	07/02/10 07:52
tert-Butylbenzene	< .001	mg/kg			WG486519	07/02/10 07:52
Tetrachloroethene	< .001	mg/kg			WG486519	07/02/10 07:52
Toluene	< .005	mg/kg			WG486519	07/02/10 07:52
trans-1,2-Dichloroethene	< .001	mg/kg			WG486519	07/02/10 07:52
trans-1,3-Dichloropropene	< .001	mg/kg			WG486519	07/02/10 07:52
Trichloroethene	< .001	mg/kg			WG486519	07/02/10 07:52

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Quality Assurance Report
Level II

L466440

July 06, 2010

Laboratory Blank

Analyte	Result	Units	% Rec	Limit	Batch	Date Analyzed
Trichlorofluoromethane	< .005	mg/kg			WG486519	07/02/10 07:52
Vinyl chloride	< .001	mg/kg			WG486519	07/02/10 07:52
Xylenes, Total	< .003	mg/kg			WG486519	07/02/10 07:52
4-Bromofluorobenzene		% Rec.	103.8	59-140	WG486519	07/02/10 07:52
Dibromofluoromethane		% Rec.	97.80	63-139	WG486519	07/02/10 07:52
Toluene-d8		% Rec.	97.40	84-116	WG486519	07/02/10 07:52
4,4-DDD	< .02	mg/kg			WG486361	07/02/10 11:20
4,4-DDE	< .02	mg/kg			WG486361	07/02/10 11:20
4,4-DDT	< .02	mg/kg			WG486361	07/02/10 11:20
Aldrin	< .02	mg/kg			WG486361	07/02/10 11:20
Alpha BHC	< .02	mg/kg			WG486361	07/02/10 11:20
Beta BHC	< .02	mg/kg			WG486361	07/02/10 11:20
Chlordane	< .2	mg/kg			WG486361	07/02/10 11:20
Delta BHC	< .02	mg/kg			WG486361	07/02/10 11:20
Dieldrin	< .02	mg/kg			WG486361	07/02/10 11:20
Endosulfan I	< .02	mg/kg			WG486361	07/02/10 11:20
Endosulfan II	< .02	mg/kg			WG486361	07/02/10 11:20
Endosulfan sulfate	< .02	mg/kg			WG486361	07/02/10 11:20
Endrin	< .02	mg/kg			WG486361	07/02/10 11:20
Endrin aldehyde	< .02	mg/kg			WG486361	07/02/10 11:20
Endrin ketone	< .02	mg/kg			WG486361	07/02/10 11:20
Gamma BHC	< .02	mg/kg			WG486361	07/02/10 11:20
Heptachlor	< .02	mg/kg			WG486361	07/02/10 11:20
Heptachlor epoxide	< .02	mg/kg			WG486361	07/02/10 11:20
Hexachlorobenzene	< .02	mg/kg			WG486361	07/02/10 11:20
Methoxychlor	< .02	mg/kg			WG486361	07/02/10 11:20
Toxaphene	< .4	mg/kg			WG486361	07/02/10 11:20
Decachlorobiphenyl		% Rec.	85.60	18.9-115.8	WG486361	07/02/10 11:20
Tetrachloro-m-xylene		% Rec.	83.04	31.8-115.7	WG486361	07/02/10 11:20
Total Solids	< .1	%			WG486319	07/02/10 11:01
Total Solids	< .1	%			WG486320	07/02/10 11:14
Total Solids	< .1	%			WG486321	07/02/10 10:44
Total Solids	< .1	%			WG486322	07/02/10 11:18
Total Solids	< .1	%			WG486323	07/02/10 11:22
TPH (GC/FID) Low Fraction	< .1	mg/kg			WG486494	07/02/10 00:58
a,a,a-Trifluorotoluene(FID)		% Rec.	104.6	59-128	WG486494	07/02/10 00:58
1,1,1,2-Tetrachloroethane	< .001	mg/kg			WG486520	07/02/10 09:41
1,1,1-Trichloroethane	< .001	mg/kg			WG486520	07/02/10 09:41
1,1,2,2-Tetrachloroethane	< .001	mg/kg			WG486520	07/02/10 09:41
1,1,2-Trichloroethane	< .001	mg/kg			WG486520	07/02/10 09:41
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/kg			WG486520	07/02/10 09:41
1,1-Dichloroethane	< .001	mg/kg			WG486520	07/02/10 09:41
1,1-Dichloroethene	< .001	mg/kg			WG486520	07/02/10 09:41

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Level II

L466440

July 06, 2010

Laboratory Blank

Analyte	Result	Units	% Rec	Limit	Batch	Date Analyzed
1,1-Dichloropropene	< .001	mg/kg			WG486520	07/02/10 09:41
1,2,3-Trichlorobenzene	< .001	mg/kg			WG486520	07/02/10 09:41
1,2,3-Trichloropropane	< .001	mg/kg			WG486520	07/02/10 09:41
1,2,4-Trichlorobenzene	< .001	mg/kg			WG486520	07/02/10 09:41
1,2,4-Trimethylbenzene	< .001	mg/kg			WG486520	07/02/10 09:41
1,2-Dibromo-3-Chloropropane	< .005	mg/kg			WG486520	07/02/10 09:41
1,2-Dibromoethane	< .001	mg/kg			WG486520	07/02/10 09:41
1,2-Dichlorobenzene	< .001	mg/kg			WG486520	07/02/10 09:41
1,2-Dichloroethane	< .001	mg/kg			WG486520	07/02/10 09:41
1,2-Dichloropropane	< .001	mg/kg			WG486520	07/02/10 09:41
1,3,5-Trimethylbenzene	< .001	mg/kg			WG486520	07/02/10 09:41
1,3-Dichlorobenzene	< .001	mg/kg			WG486520	07/02/10 09:41
1,3-Dichloropropane	< .001	mg/kg			WG486520	07/02/10 09:41
1,4-Dichlorobenzene	< .001	mg/kg			WG486520	07/02/10 09:41
2,2-Dichloropropane	< .001	mg/kg			WG486520	07/02/10 09:41
2-Butanone (MEK)	< .01	mg/kg			WG486520	07/02/10 09:41
2-Chloroethyl vinyl ether	< .001	mg/kg			WG486520	07/02/10 09:41
2-Chlorotoluene	< .001	mg/kg			WG486520	07/02/10 09:41
4-Chlorotoluene	< .001	mg/kg			WG486520	07/02/10 09:41
4-Methyl-2-pentanone (MIBK)	< .01	mg/kg			WG486520	07/02/10 09:41
Acetone	< .05	mg/kg			WG486520	07/02/10 09:41
Acrylonitrile	< .01	mg/kg			WG486520	07/02/10 09:41
Benzene	< .001	mg/kg			WG486520	07/02/10 09:41
Bromobenzene	< .001	mg/kg			WG486520	07/02/10 09:41
Bromodichloromethane	< .001	mg/kg			WG486520	07/02/10 09:41
Bromoform	< .001	mg/kg			WG486520	07/02/10 09:41
Bromomethane	< .005	mg/kg			WG486520	07/02/10 09:41
Carbon tetrachloride	< .001	mg/kg			WG486520	07/02/10 09:41
Chlorobenzene	< .001	mg/kg			WG486520	07/02/10 09:41
Chlorodibromomethane	< .001	mg/kg			WG486520	07/02/10 09:41
Chloroethane	< .005	mg/kg			WG486520	07/02/10 09:41
Chloroform	< .005	mg/kg			WG486520	07/02/10 09:41
Chloromethane	< .001	mg/kg			WG486520	07/02/10 09:41
cis-1,2-Dichloroethene	< .001	mg/kg			WG486520	07/02/10 09:41
cis-1,3-Dichloropropene	< .001	mg/kg			WG486520	07/02/10 09:41
Di-isopropyl ether	< .001	mg/kg			WG486520	07/02/10 09:41
Dibromomethane	< .001	mg/kg			WG486520	07/02/10 09:41
Dichlorodifluoromethane	< .005	mg/kg			WG486520	07/02/10 09:41
Ethylbenzene	< .001	mg/kg			WG486520	07/02/10 09:41
Hexachloro-1,3-butadiene	< .001	mg/kg			WG486520	07/02/10 09:41
Isopropylbenzene	< .001	mg/kg			WG486520	07/02/10 09:41
Methyl tert-butyl ether	< .001	mg/kg			WG486520	07/02/10 09:41
Methylene Chloride	< .005	mg/kg			WG486520	07/02/10 09:41
n-Butylbenzene	< .001	mg/kg			WG486520	07/02/10 09:41
n-Propylbenzene	< .001	mg/kg			WG486520	07/02/10 09:41
Naphthalene	< .005	mg/kg			WG486520	07/02/10 09:41
p-Isopropyltoluene	< .001	mg/kg			WG486520	07/02/10 09:41
sec-Butylbenzene	< .001	mg/kg			WG486520	07/02/10 09:41
Styrene	< .001	mg/kg			WG486520	07/02/10 09:41
tert-Butylbenzene	< .001	mg/kg			WG486520	07/02/10 09:41
Tetrachloroethene	< .001	mg/kg			WG486520	07/02/10 09:41
Toluene	< .005	mg/kg			WG486520	07/02/10 09:41
trans-1,2-Dichloroethene	< .001	mg/kg			WG486520	07/02/10 09:41
trans-1,3-Dichloropropene	< .001	mg/kg			WG486520	07/02/10 09:41
Trichloroethene	< .001	mg/kg			WG486520	07/02/10 09:41
Trichlorofluoromethane	< .005	mg/kg			WG486520	07/02/10 09:41
Vinyl chloride	< .001	mg/kg			WG486520	07/02/10 09:41
Xylenes, Total	< .003	mg/kg			WG486520	07/02/10 09:41
4-Bromofluorobenzene		% Rec.	99.15	59-140	WG486520	07/02/10 09:41

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Quality Assurance Report
Level II

L466440

July 06, 2010

Laboratory Blank

Analyte	Result	Units	% Rec	Limit	Batch	Date Analyzed
Dibromofluoromethane		% Rec.	95.13	63-139		07/02/10 09:41
Toluene-d8		% Rec.	101.1	84-116		07/02/10 09:41
1,1,1,2-Tetrachloroethane	< .001	mg/kg			WG486633	07/02/10 16:24
1,1,1-Trichloroethane	< .001	mg/kg			WG486633	07/02/10 16:24
1,1,2,2-Tetrachloroethane	< .001	mg/kg			WG486633	07/02/10 16:24
1,1,2-Trichloroethane	< .001	mg/kg			WG486633	07/02/10 16:24
1,1,2-Trichloro-1,2,2-trifluoroethane	< .001	mg/kg			WG486633	07/02/10 16:24
1,1-Dichloroethane	< .001	mg/kg			WG486633	07/02/10 16:24
1,1-Dichloroethene	< .001	mg/kg			WG486633	07/02/10 16:24
1,1-Dichloropropene	< .001	mg/kg			WG486633	07/02/10 16:24
1,2,3-Trichlorobenzene	< .001	mg/kg			WG486633	07/02/10 16:24
1,2,3-Trichloropropane	< .001	mg/kg			WG486633	07/02/10 16:24
1,2,4-Trichlorobenzene	< .001	mg/kg			WG486633	07/02/10 16:24
1,2,4-Trimethylbenzene	< .001	mg/kg			WG486633	07/02/10 16:24
1,2-Dibromo-3-Chloropropane	< .005	mg/kg			WG486633	07/02/10 16:24
1,2-Dibromoethane	< .001	mg/kg			WG486633	07/02/10 16:24
1,2-Dichlorobenzene	< .001	mg/kg			WG486633	07/02/10 16:24
1,2-Dichloroethane	< .001	mg/kg			WG486633	07/02/10 16:24
1,2-Dichloropropane	< .001	mg/kg			WG486633	07/02/10 16:24
1,3,5-Trimethylbenzene	< .001	mg/kg			WG486633	07/02/10 16:24
1,3-Dichlorobenzene	< .001	mg/kg			WG486633	07/02/10 16:24
1,3-Dichloropropane	< .001	mg/kg			WG486633	07/02/10 16:24
1,4-Dichlorobenzene	< .001	mg/kg			WG486633	07/02/10 16:24
2,2-Dichloropropane	< .001	mg/kg			WG486633	07/02/10 16:24
2-Butanone (MEK)	< .01	mg/kg			WG486633	07/02/10 16:24
2-Chloroethyl vinyl ether	< .001	mg/kg			WG486633	07/02/10 16:24
2-Chlorotoluene	< .001	mg/kg			WG486633	07/02/10 16:24
4-Chlorotoluene	< .001	mg/kg			WG486633	07/02/10 16:24
4-Methyl-2-pentanone (MIBK)	< .01	mg/kg			WG486633	07/02/10 16:24
Acetone	< .05	mg/kg			WG486633	07/02/10 16:24
Acrylonitrile	< .01	mg/kg			WG486633	07/02/10 16:24
Benzene	< .001	mg/kg			WG486633	07/02/10 16:24
Bromobenzene	< .001	mg/kg			WG486633	07/02/10 16:24
Bromodichloromethane	< .001	mg/kg			WG486633	07/02/10 16:24
Bromoform	< .001	mg/kg			WG486633	07/02/10 16:24
Bromomethane	< .005	mg/kg			WG486633	07/02/10 16:24
Carbon tetrachloride	< .001	mg/kg			WG486633	07/02/10 16:24
Chlorobenzene	< .001	mg/kg			WG486633	07/02/10 16:24
Chlorodibromomethane	< .001	mg/kg			WG486633	07/02/10 16:24
Chloroethane	< .005	mg/kg			WG486633	07/02/10 16:24
Chloroform	< .005	mg/kg			WG486633	07/02/10 16:24
Chloromethane	< .001	mg/kg			WG486633	07/02/10 16:24
cis-1,2-Dichloroethene	< .001	mg/kg			WG486633	07/02/10 16:24
cis-1,3-Dichloropropene	< .001	mg/kg			WG486633	07/02/10 16:24
Di-isopropyl ether	< .001	mg/kg			WG486633	07/02/10 16:24
Dibromomethane	< .001	mg/kg			WG486633	07/02/10 16:24
Dichlorodifluoromethane	< .005	mg/kg			WG486633	07/02/10 16:24
Ethylbenzene	< .001	mg/kg			WG486633	07/02/10 16:24
Hexachloro-1,3-butadiene	< .001	mg/kg			WG486633	07/02/10 16:24
Isopropylbenzene	< .001	mg/kg			WG486633	07/02/10 16:24
Methyl tert-butyl ether	< .001	mg/kg			WG486633	07/02/10 16:24
Methylene Chloride	< .005	mg/kg			WG486633	07/02/10 16:24
n-Butylbenzene	< .001	mg/kg			WG486633	07/02/10 16:24
n-Propylbenzene	< .001	mg/kg			WG486633	07/02/10 16:24
Naphthalene	< .005	mg/kg			WG486633	07/02/10 16:24
p-Isopropyltoluene	< .001	mg/kg			WG486633	07/02/10 16:24
sec-Butylbenzene	< .001	mg/kg			WG486633	07/02/10 16:24
Styrene	< .001	mg/kg			WG486633	07/02/10 16:24
tert-Butylbenzene	< .001	mg/kg			WG486633	07/02/10 16:24

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Quality Assurance Report
Level II

L466440

July 06, 2010

Laboratory Blank

Analyte	Result	Units	% Rec	Limit	Batch	Date Analyzed
Tetrachloroethene	< .001	mg/kg			WG486633	07/02/10 16:24
Toluene	< .005	mg/kg			WG486633	07/02/10 16:24
trans-1,2-Dichloroethene	< .001	mg/kg			WG486633	07/02/10 16:24
trans-1,3-Dichloropropene	< .001	mg/kg			WG486633	07/02/10 16:24
Trichloroethene	< .001	mg/kg			WG486633	07/02/10 16:24
Trichlorofluoromethane	< .005	mg/kg			WG486633	07/02/10 16:24
Vinyl chloride	< .001	mg/kg			WG486633	07/02/10 16:24
Xylenes, Total	< .003	mg/kg			WG486633	07/02/10 16:24
4-Bromofluorobenzene		% Rec.	71.59	59-140	WG486633	07/02/10 16:24
Dibromofluoromethane		% Rec.	94.30	63-139	WG486633	07/02/10 16:24
Toluene-d8		% Rec.	112.4	84-116	WG486633	07/02/10 16:24

Duplicate

Analyte	Units	Result	Duplicate	RPD	Limit	Ref Samp	Batch
Chromium	mg/kg	9.80	11.0	11.8	20	L466306-04	WG486131
Lead	mg/kg	9.90	14.0	34.4*	20	L466306-04	WG486131
Total Solids	%	86.0	85.3	0.344	5	L466409-01	WG486319
Total Solids	%	86.0	88.2	2.45	5	L466440-10	WG486320
Total Solids	%	87.0	85.6	1.65	5	L466440-20	WG486321
Total Solids	%	96.0	96.4	0.0754	5	L466440-23	WG486322
Total Solids	%	75.0	75.1	0.347	5	L466506-04	WG486323

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
TPH (GC/FID) High Fraction	ppm	60	39.3	65.5	50-150	WG485900
o-Terphenyl				71.36	50-150	WG485900
TPH (GC/FID) High Fraction	ppm	60	38.6	64.3	50-150	WG486141
o-Terphenyl				78.54	50-150	WG486141
TPH (GC/FID) High Fraction	ppm	60	42.4	70.6	50-150	WG485785
o-Terphenyl				73.34	50-150	WG485785
PCB 1016	mg/kg	.167	0.147	87.9	49-105	WG485669
PCB 1260	mg/kg	.167	0.164	98.0	62-131	WG485669
Decachlorobiphenyl				89.59	18.9-115.8	WG485669
Tetrachloro-m-xylene				88.59	31.8-115.7	WG485669
TPH (GC/FID) High Fraction	ppm	60	43.5	72.6	50-150	WG486360
o-Terphenyl				84.11	50-150	WG486360
TPH (GC/FID) Low Fraction	mg/kg	5.5	6.21	113.	67-135	WG486273

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Quality Assurance Report
Level II

L466440

July 06, 2010

Analyte	Units	Laboratory Control Sample Known Val	Result	% Rec	Limit	Batch
a,a,a-Trifluorotoluene(FID)				96.50	59-128	
1,2,4-Trichlorobenzene	mg/kg	.333	0.223	67.0	46-99	WG486220
2,4,6-Trichlorophenol	mg/kg	.333	0.242	72.7	56-109	WG486220
2,4-Dichlorophenol	mg/kg	.333	0.269	80.7	54-107	WG486220
2,4-Dimethylphenol	mg/kg	.333	0.258	77.4	58-119	WG486220
2,4-Dinitrophenol	mg/kg	.333	0.198	59.6	16-130	WG486220
2,4-Dinitrotoluene	mg/kg	.333	0.250	75.2	53-120	WG486220
2,6-Dinitrotoluene	mg/kg	.333	0.252	75.8	56-113	WG486220
2-Chloronaphthalene	mg/kg	.333	0.238	71.5	55-103	WG486220
2-Chlorophenol	mg/kg	.333	0.226	68.0	52-108	WG486220
2-Nitrophenol	mg/kg	.333	0.268	80.3	38-110	WG486220
3,3-Dichlorobenzidine	mg/kg	.333	0.221	66.3	24-123	WG486220
4,6-Dinitro-2-methylphenol	mg/kg	.333	0.163	49.0	34-111	WG486220
4-Bromophenyl-phenylether	mg/kg	.333	0.274	82.2	47-98	WG486220
4-Chloro-3-methylphenol	mg/kg	.333	0.278	83.6	54-116	WG486220
4-Chlorophenyl-phenylether	mg/kg	.333	0.250	75.0	55-106	WG486220
4-Nitrophenol	mg/kg	.333	0.189	56.7	34-123	WG486220
Acenaphthene	mg/kg	.333	0.236	71.0	54-102	WG486220
Acenaphthylene	mg/kg	.333	0.252	75.7	56-104	WG486220
Anthracene	mg/kg	.333	0.260	78.0	57-112	WG486220
Benzidine	mg/kg	.333	0.00388	1.17	0-13	WG486220
Benzo(a)anthracene	mg/kg	.333	0.271	81.4	55-105	WG486220
Benzo(a)pyrene	mg/kg	.333	0.261	78.4	59-114	WG486220
Benzo(b)fluoranthene	mg/kg	.333	0.286	85.8	44-116	WG486220
Benzo(g,h,i)perylene	mg/kg	.333	0.202	60.7	41-127	WG486220
Benzo(k)fluoranthene	mg/kg	.333	0.257	77.2	36-119	WG486220
Benzylbutyl phthalate	mg/kg	.333	0.341	102.	57-130	WG486220
Bis(2-chlorethoxy)methane	mg/kg	.333	0.294	88.2	52-107	WG486220
Bis(2-chloroethyl)ether	mg/kg	.333	0.255	76.5	38-115	WG486220
Bis(2-chloroisopropyl)ether	mg/kg	.333	0.255	76.6	49-106	WG486220
Bis(2-ethylhexyl)phthalate	mg/kg	.333	0.284	85.4	50-130	WG486220
Chrysene	mg/kg	.333	0.262	78.7	54-103	WG486220
Di-n-butyl phthalate	mg/kg	.333	0.306	91.8	56-121	WG486220
Di-n-octyl phthalate	mg/kg	.333	0.256	76.8	50-128	WG486220
Dibenz(a,h)anthracene	mg/kg	.333	0.205	61.5	42-128	WG486220
Diethyl phthalate	mg/kg	.333	0.286	85.8	57-110	WG486220
Dimethyl phthalate	mg/kg	.333	0.284	85.3	57-108	WG486220
Fluoranthene	mg/kg	.333	0.269	80.8	51-109	WG486220
Fluorene	mg/kg	.333	0.242	72.8	53-106	WG486220
Hexachloro-1,3-butadiene	mg/kg	.333	0.244	73.4	46-110	WG486220
Hexachlorobenzene	mg/kg	.333	0.251	75.5	51-117	WG486220
Hexachlorocyclopentadiene	mg/kg	.333	0.243	73.1	21-127	WG486220
Hexachloroethane	mg/kg	.333	0.231	69.3	43-104	WG486220
Indeno(1,2,3-cd)pyrene	mg/kg	.333	0.214	64.2	42-127	WG486220
Isophorone	mg/kg	.333	0.265	79.6	56-116	WG486220
n-Nitrosodi-n-propylamine	mg/kg	.333	0.302	90.8	54-113	WG486220
n-Nitrosodimethylamine	mg/kg	.333	0.268	80.5	35-111	WG486220
n-Nitrosodiphenylamine	mg/kg	.333	0.240	72.0	66-126	WG486220
Naphthalene	mg/kg	.333	0.238	71.3	46-97	WG486220
Nitrobenzene	mg/kg	.333	0.242	72.6	46-102	WG486220
Pentachlorophenol	mg/kg	.333	0.0651	19.6*	37-118	WG486220
Phenanthrene	mg/kg	.333	0.265	79.6	56-102	WG486220
Phenol	mg/kg	.333	0.276	82.8	55-115	WG486220
Pyrene	mg/kg	.333	0.275	82.7	53-111	WG486220
2,4,6-Tribromophenol				75.90	25-137	WG486220
2-Fluorobiphenyl				71.50	30-120	WG486220
2-Fluorophenol				77.77	26-130	WG486220
Nitrobenzene-d5				74.57	18-119	WG486220
Phenol-d5				88.01	37-141	WG486220

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Quality Assurance Report
Level II

L466440

July 06, 2010

Analyte	Units	Laboratory Control Sample Known Val	Result	% Rec	Limit	Batch
p-Terphenyl-d14				101.9	23-143	
TPH (GC/FID) Low Fraction	mg/kg	5.5	4.21	76.6	67-135	WG486470
a,a,a-Trifluorotoluene(FID)				90.32	59-128	WG486470
TPH (GC/FID) Low Fraction	mg/kg	5.5	5.01	91.1	67-135	WG486473
a,a,a-Trifluorotoluene(FID)				92.53	59-128	WG486473
Chromium	mg/kg	168	165.	98.2	80.4-120.2	WG486131
Lead	mg/kg	113	111.	98.2	77.3-122.1	WG486131
1,1,1,2-Tetrachloroethane	mg/kg	.025	0.0262	105.	73-134	WG486518
1,1,1-Trichloroethane	mg/kg	.025	0.0205	82.1	62-135	WG486518
1,1,2,2-Tetrachloroethane	mg/kg	.025	0.0275	110.	74-129	WG486518
1,1,2-Trichloroethane	mg/kg	.025	0.0270	108.	77-124	WG486518
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	.025	0.0212	84.7	49-155	WG486518
1,1-Dichloroethane	mg/kg	.025	0.0224	89.5	61-134	WG486518
1,1-Dichloroethene	mg/kg	.025	0.0194	77.5	53-136	WG486518
1,1-Dichloropropene	mg/kg	.025	0.0178	71.1	63-132	WG486518
1,2,3-Trichlorobenzene	mg/kg	.025	0.0245	98.1	62-146	WG486518
1,2,3-Trichloropropane	mg/kg	.025	0.0241	96.3	70-133	WG486518
1,2,4-Trichlorobenzene	mg/kg	.025	0.0231	92.2	61-148	WG486518
1,2,4-Trimethylbenzene	mg/kg	.025	0.0201	80.3	68-135	WG486518
1,2-Dibromo-3-Chloropropane	mg/kg	.025	0.0265	106.	61-134	WG486518
1,2-Dibromoethane	mg/kg	.025	0.0237	94.9	76-127	WG486518
1,2-Dichlorobenzene	mg/kg	.025	0.0248	99.0	77-123	WG486518
1,2-Dichloroethane	mg/kg	.025	0.0215	86.2	58-141	WG486518
1,2-Dichloropropane	mg/kg	.025	0.0233	93.4	71-128	WG486518
1,3,5-Trimethylbenzene	mg/kg	.025	0.0207	82.6	71-133	WG486518
1,3-Dichlorobenzene	mg/kg	.025	0.0221	88.5	71-132	WG486518
1,3-Dichloropropane	mg/kg	.025	0.0244	97.6	76-120	WG486518
1,4-Dichlorobenzene	mg/kg	.025	0.0223	89.2	72-123	WG486518
2,2-Dichloropropane	mg/kg	.025	0.0218	87.3	50-147	WG486518
2-Butanone (MEK)	mg/kg	.125	0.123	98.5	51-131	WG486518
2-Chloroethyl vinyl ether	mg/kg	.125	0.123	98.4	0-188	WG486518
2-Chlorotoluene	mg/kg	.025	0.0217	86.7	73-128	WG486518
4-Chlorotoluene	mg/kg	.025	0.0204	81.5	72-129	WG486518
4-Methyl-2-pentanone (MIBK)	mg/kg	.125	0.129	103.	61-143	WG486518
Acetone	mg/kg	.125	0.141	113.	44-140	WG486518
Acrylonitrile	mg/kg	.125	0.129	103.	55-143	WG486518
Benzene	mg/kg	.025	0.0192	76.8	65-128	WG486518
Bromobenzene	mg/kg	.025	0.0217	86.7	75-123	WG486518
Bromodichloromethane	mg/kg	.025	0.0253	101.	66-126	WG486518
Bromoform	mg/kg	.025	0.0230	92.0	64-139	WG486518
Bromomethane	mg/kg	.025	0.0229	91.7	41-175	WG486518
Carbon tetrachloride	mg/kg	.025	0.0203	81.1	60-140	WG486518
Chlorobenzene	mg/kg	.025	0.0219	87.5	75-125	WG486518
Chlorodibromomethane	mg/kg	.025	0.0265	106.	72-137	WG486518
Chloroethane	mg/kg	.025	0.0342	137.	44-159	WG486518
Chloroform	mg/kg	.025	0.0218	87.3	63-123	WG486518
Chloromethane	mg/kg	.025	0.0312	125.	42-149	WG486518
cis-1,2-Dichloroethene	mg/kg	.025	0.0227	90.7	71-129	WG486518
cis-1,3-Dichloropropene	mg/kg	.025	0.0227	90.9	73-132	WG486518
Di-isopropyl ether	mg/kg	.025	0.0247	98.8	59-143	WG486518
Dibromomethane	mg/kg	.025	0.0253	101.	70-130	WG486518
Dichlorodifluoromethane	mg/kg	.025	0.0395	158.	26-186	WG486518
Ethylbenzene	mg/kg	.025	0.0214	85.5	74-128	WG486518

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Ty Colwell
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Cary, NC 27511

Quality Assurance Report
Level II

L466440

July 06, 2010

Analyte	Units	Laboratory Control Sample Known Val	Result	% Rec	Limit	Batch
Hexachloro-1,3-butadiene	mg/kg	.025	0.0220	87.9	65-137	WG486518
Isopropylbenzene	mg/kg	.025	0.0194	77.7	73-130	WG486518
Methyl tert-butyl ether	mg/kg	.025	0.0256	102.	44-148	WG486518
Methylene Chloride	mg/kg	.025	0.0194	77.7	57-129	WG486518
n-Butylbenzene	mg/kg	.025	0.0219	87.7	60-145	WG486518
n-Propylbenzene	mg/kg	.025	0.0188	75.4	71-132	WG486518
Naphthalene	mg/kg	.025	0.0245	98.0	61-142	WG486518
p-Isopropyltoluene	mg/kg	.025	0.0202	80.9	67-138	WG486518
sec-Butylbenzene	mg/kg	.025	0.0206	82.2	71-134	WG486518
Styrene	mg/kg	.025	0.0239	95.7	76-133	WG486518
tert-Butylbenzene	mg/kg	.025	0.0224	89.5	72-132	WG486518
Tetrachloroethene	mg/kg	.025	0.0184	73.6	65-135	WG486518
Toluene	mg/kg	.025	0.0180	71.9	70-120	WG486518
trans-1,2-Dichloroethene	mg/kg	.025	0.0186	74.5	61-133	WG486518
trans-1,3-Dichloropropene	mg/kg	.025	0.0215	86.2	70-135	WG486518
Trichloroethene	mg/kg	.025	0.0215	86.0	71-126	WG486518
Trichlorofluoromethane	mg/kg	.025	0.0263	105.	52-147	WG486518
Vinyl chloride	mg/kg	.025	0.0308	123.	50-151	WG486518
Xylenes, Total	mg/kg	.075	0.0606	80.8	74-127	WG486518
4-Bromofluorobenzene				93.67	59-140	WG486518
Dibromofluoromethane				101.4	63-139	WG486518
Toluene-d8				91.41	84-116	WG486518
1,1,1,2-Tetrachloroethane	mg/kg	.025	0.0256	102.	73-134	WG486519
1,1,1-Trichloroethane	mg/kg	.025	0.0205	82.0	62-135	WG486519
1,1,2,2-Tetrachloroethane	mg/kg	.025	0.0293	117.	74-129	WG486519
1,1,2-Trichloroethane	mg/kg	.025	0.0266	106.	77-124	WG486519
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	.025	0.0173	69.3	49-155	WG486519
1,1-Dichloroethane	mg/kg	.025	0.0208	83.2	61-134	WG486519
1,1-Dichloroethene	mg/kg	.025	0.0163	65.0	53-136	WG486519
1,1-Dichloropropene	mg/kg	.025	0.0176	70.4	63-132	WG486519
1,2,3-Trichlorobenzene	mg/kg	.025	0.0236	94.4	62-146	WG486519
1,2,3-Trichloropropane	mg/kg	.025	0.0271	109.	70-133	WG486519
1,2,4-Trichlorobenzene	mg/kg	.025	0.0233	93.2	61-148	WG486519
1,2,4-Trimethylbenzene	mg/kg	.025	0.0216	86.5	68-135	WG486519
1,2-Dibromo-3-Chloropropane	mg/kg	.025	0.0249	99.4	61-134	WG486519
1,2-Dibromoethane	mg/kg	.025	0.0238	95.1	76-127	WG486519
1,2-Dichlorobenzene	mg/kg	.025	0.0241	96.3	77-123	WG486519
1,2-Dichloroethane	mg/kg	.025	0.0225	90.0	58-141	WG486519
1,2-Dichloropropane	mg/kg	.025	0.0226	90.6	71-128	WG486519
1,3,5-Trimethylbenzene	mg/kg	.025	0.0214	85.5	71-133	WG486519
1,3-Dichlorobenzene	mg/kg	.025	0.0229	91.8	71-132	WG486519
1,3-Dichloropropane	mg/kg	.025	0.0240	96.2	76-120	WG486519
1,4-Dichlorobenzene	mg/kg	.025	0.0212	85.0	72-123	WG486519
2,2-Dichloropropane	mg/kg	.025	0.0207	82.6	50-147	WG486519
2-Butanone (MEK)	mg/kg	.125	0.132	106.	51-131	WG486519
2-Chloroethyl vinyl ether	mg/kg	.125	0.128	103.	0-188	WG486519
2-Chlorotoluene	mg/kg	.025	0.0227	90.9	73-128	WG486519
4-Chlorotoluene	mg/kg	.025	0.0212	85.0	72-129	WG486519
4-Methyl-2-pentanone (MIBK)	mg/kg	.125	0.141	113.	61-143	WG486519
Acetone	mg/kg	.125	0.132	106.	44-140	WG486519
Acrylonitrile	mg/kg	.125	0.129	103.	55-143	WG486519
Benzene	mg/kg	.025	0.0191	76.3	65-128	WG486519
Bromobenzene	mg/kg	.025	0.0226	90.3	75-123	WG486519
Bromodichloromethane	mg/kg	.025	0.0253	101.	66-126	WG486519
Bromoform	mg/kg	.025	0.0228	91.0	64-139	WG486519
Bromomethane	mg/kg	.025	0.0257	103.	41-175	WG486519
Carbon tetrachloride	mg/kg	.025	0.0196	78.6	60-140	WG486519

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Quality Assurance Report
Level II

L466440

July 06, 2010

Analyte	Units	Laboratory Control Sample Known Val	Result	% Rec	Limit	Batch
Chlorobenzene	mg/kg	.025	0.0218	87.4	75-125	WG486519
Chlorodibromomethane	mg/kg	.025	0.0243	97.1	72-137	WG486519
Chloroethane	mg/kg	.025	0.0309	124.	44-159	WG486519
Chloroform	mg/kg	.025	0.0220	88.1	63-123	WG486519
Chloromethane	mg/kg	.025	0.0263	105.	42-149	WG486519
cis-1,2-Dichloroethene	mg/kg	.025	0.0212	85.0	71-129	WG486519
cis-1,3-Dichloropropene	mg/kg	.025	0.0227	90.7	73-132	WG486519
Di-isopropyl ether	mg/kg	.025	0.0236	94.3	59-143	WG486519
Dibromomethane	mg/kg	.025	0.0231	92.4	70-130	WG486519
Dichlorodifluoromethane	mg/kg	.025	0.0343	137.	26-186	WG486519
Ethylbenzene	mg/kg	.025	0.0214	85.5	74-128	WG486519
Hexachloro-1,3-butadiene	mg/kg	.025	0.0218	87.3	65-137	WG486519
Isopropylbenzene	mg/kg	.025	0.0197	78.8	73-130	WG486519
Methyl tert-butyl ether	mg/kg	.025	0.0233	93.4	44-148	WG486519
Methylene Chloride	mg/kg	.025	0.0179	71.5	57-129	WG486519
n-Butylbenzene	mg/kg	.025	0.0211	84.2	60-145	WG486519
n-Propylbenzene	mg/kg	.025	0.0198	79.2	71-132	WG486519
Naphthalene	mg/kg	.025	0.0252	101.	61-142	WG486519
p-Isopropyltoluene	mg/kg	.025	0.0213	85.4	67-138	WG486519
sec-Butylbenzene	mg/kg	.025	0.0218	87.1	71-134	WG486519
Styrene	mg/kg	.025	0.0249	99.5	76-133	WG486519
tert-Butylbenzene	mg/kg	.025	0.0232	92.9	72-132	WG486519
Tetrachloroethene	mg/kg	.025	0.0170	68.2	65-135	WG486519
Toluene	mg/kg	.025	0.0187	74.6	70-120	WG486519
trans-1,2-Dichloroethene	mg/kg	.025	0.0164	65.4	61-133	WG486519
trans-1,3-Dichloropropene	mg/kg	.025	0.0226	90.5	70-135	WG486519
Trichloroethene	mg/kg	.025	0.0202	80.8	71-126	WG486519
Trichlorofluoromethane	mg/kg	.025	0.0254	102.	52-147	WG486519
Vinyl chloride	mg/kg	.025	0.0260	104.	50-151	WG486519
Xylenes, Total	mg/kg	.075	0.0599	79.8	74-127	WG486519
4-Bromofluorobenzene				98.26	59-140	WG486519
Dibromofluoromethane				96.80	63-139	WG486519
Toluene-d8				97.92	84-116	WG486519
4,4-DDD	mg/kg	.0667	0.0566	84.8	62-133	WG486361
4,4-DDE	mg/kg	.0667	0.0562	84.3	61-122	WG486361
4,4-DDT	mg/kg	.0667	0.0574	86.1	54-138	WG486361
Aldrin	mg/kg	.0667	0.0504	75.5	57-114	WG486361
Alpha BHC	mg/kg	.0667	0.0502	75.3	56-122	WG486361
Beta BHC	mg/kg	.0667	0.0523	78.4	67-122	WG486361
Delta BHC	mg/kg	.0667	0.0535	80.2	63-120	WG486361
Dieldrin	mg/kg	.0667	0.0583	87.4	63-124	WG486361
Endosulfan I	mg/kg	.0667	0.0600	89.9	63-119	WG486361
Endosulfan II	mg/kg	.0667	0.0583	87.4	63-123	WG486361
Endosulfan sulfate	mg/kg	.0667	0.0559	83.8	60-124	WG486361
Endrin	mg/kg	.0667	0.0566	84.8	58-118	WG486361
Endrin aldehyde	mg/kg	.0667	0.0440	65.9	50-136	WG486361
Endrin ketone	mg/kg	.0667	0.0535	80.2	57-127	WG486361
Gamma BHC	mg/kg	.0667	0.0520	77.9	58-113	WG486361
Heptachlor	mg/kg	.0667	0.0522	78.3	56-116	WG486361
Heptachlor epoxide	mg/kg	.0667	0.0573	85.9	63-118	WG486361
Hexachlorobenzene	mg/kg	.0667	0.0503	75.3	51-118	WG486361
Methoxychlor	mg/kg	.0667	0.0579	86.8	50-152	WG486361
Decachlorobiphenyl				84.35	18.9-115.8	WG486361
Tetrachloro-m-xylene				75.84	31.8-115.7	WG486361
Total Solids	%	50	50.0	100.	85-115	WG486319

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Quality Assurance Report
Level II

L466440

July 06, 2010

Analyte	Units	Laboratory Control Sample Known Val	Result	% Rec	Limit	Batch
Total Solids	%	50	50.0	100.	85-115	WG486320
Total Solids	%	50	50.0	100.	85-115	WG486321
Total Solids	%	50	50.0	100.	85-115	WG486322
Total Solids	%	50	50.0	100.	85-115	WG486323
TPH (GC/FID) Low Fraction	mg/kg	5.5	5.37	97.6	67-135	WG486494
a,a,a-Trifluorotoluene(FID)				108.4	59-128	WG486494
1,1,1,2-Tetrachloroethane	mg/kg	.025	0.0220	87.9	73-134	WG486520
1,1,1-Trichloroethane	mg/kg	.025	0.0256	102.	62-135	WG486520
1,1,2,2-Tetrachloroethane	mg/kg	.025	0.0216	86.6	74-129	WG486520
1,1,2-Trichloroethane	mg/kg	.025	0.0233	93.1	77-124	WG486520
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	.025	0.0261	104.	49-155	WG486520
1,1-Dichloroethane	mg/kg	.025	0.0221	88.5	61-134	WG486520
1,1-Dichloroethene	mg/kg	.025	0.0233	93.3	53-136	WG486520
1,1-Dichloropropene	mg/kg	.025	0.0239	95.8	63-132	WG486520
1,2,3-Trichlorobenzene	mg/kg	.025	0.0206	82.3	62-146	WG486520
1,2,3-Trichloropropane	mg/kg	.025	0.0211	84.5	70-133	WG486520
1,2,4-Trichlorobenzene	mg/kg	.025	0.0213	85.0	61-148	WG486520
1,2,4-Trimethylbenzene	mg/kg	.025	0.0250	100.	68-135	WG486520
1,2-Dibromo-3-Chloropropane	mg/kg	.025	0.0232	92.9	61-134	WG486520
1,2-Dibromoethane	mg/kg	.025	0.0224	89.6	76-127	WG486520
1,2-Dichlorobenzene	mg/kg	.025	0.0229	91.5	77-123	WG486520
1,2-Dichloroethane	mg/kg	.025	0.0212	85.0	58-141	WG486520
1,2-Dichloropropane	mg/kg	.025	0.0215	85.8	71-128	WG486520
1,3,5-Trimethylbenzene	mg/kg	.025	0.0230	91.9	71-133	WG486520
1,3-Dichlorobenzene	mg/kg	.025	0.0249	99.5	71-132	WG486520
1,3-Dichloropropane	mg/kg	.025	0.0206	82.5	76-120	WG486520
1,4-Dichlorobenzene	mg/kg	.025	0.0230	91.8	72-123	WG486520
2,2-Dichloropropane	mg/kg	.025	0.0248	99.2	50-147	WG486520
2-Butanone (MEK)	mg/kg	.125	0.0940	75.2	51-131	WG486520
2-Chloroethyl vinyl ether	mg/kg	.125	0.103	82.2	0-188	WG486520
2-Chlorotoluene	mg/kg	.025	0.0215	86.0	73-128	WG486520
4-Chlorotoluene	mg/kg	.025	0.0237	94.8	72-129	WG486520
4-Methyl-2-pentanone (MIBK)	mg/kg	.125	0.109	87.2	61-143	WG486520
Acetone	mg/kg	.125	0.0947	75.7	44-140	WG486520
Acrylonitrile	mg/kg	.125	0.101	80.9	55-143	WG486520
Benzene	mg/kg	.025	0.0213	85.3	65-128	WG486520
Bromobenzene	mg/kg	.025	0.0225	90.0	75-123	WG486520
Bromodichloromethane	mg/kg	.025	0.0227	90.9	66-126	WG486520
Bromoform	mg/kg	.025	0.0230	92.1	64-139	WG486520
Bromomethane	mg/kg	.025	0.0220	88.2	41-175	WG486520
Carbon tetrachloride	mg/kg	.025	0.0248	99.3	60-140	WG486520
Chlorobenzene	mg/kg	.025	0.0210	83.8	75-125	WG486520
Chlorodibromomethane	mg/kg	.025	0.0213	85.2	72-137	WG486520
Chloroethane	mg/kg	.025	0.0184	73.8	44-159	WG486520
Chloroform	mg/kg	.025	0.0236	94.5	63-123	WG486520
Chloromethane	mg/kg	.025	0.0220	88.1	42-149	WG486520
cis-1,2-Dichloroethene	mg/kg	.025	0.0229	91.6	71-129	WG486520
cis-1,3-Dichloropropene	mg/kg	.025	0.0228	91.1	73-132	WG486520
Di-isopropyl ether	mg/kg	.025	0.0207	82.7	59-143	WG486520

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Quality Assurance Report
Level II

L466440

July 06, 2010

Analyte	Units	Laboratory Control Sample Known Val	Result	% Rec	Limit	Batch
Dibromomethane	mg/kg	.025	0.0217	86.7	70-130	WG486520
Dichlorodifluoromethane	mg/kg	.025	0.0354	141.	26-186	WG486520
Ethylbenzene	mg/kg	.025	0.0221	88.3	74-128	WG486520
Hexachloro-1,3-butadiene	mg/kg	.025	0.0237	94.8	65-137	WG486520
Isopropylbenzene	mg/kg	.025	0.0257	103.	73-130	WG486520
Methyl tert-butyl ether	mg/kg	.025	0.0224	89.6	44-148	WG486520
Methylene Chloride	mg/kg	.025	0.0219	87.5	57-129	WG486520
n-Butylbenzene	mg/kg	.025	0.0248	99.0	60-145	WG486520
n-Propylbenzene	mg/kg	.025	0.0248	99.0	71-132	WG486520
Naphthalene	mg/kg	.025	0.0177	70.7	61-142	WG486520
p-Isopropyltoluene	mg/kg	.025	0.0262	105.	67-138	WG486520
sec-Butylbenzene	mg/kg	.025	0.0270	108.	71-134	WG486520
Styrene	mg/kg	.025	0.0229	91.7	76-133	WG486520
tert-Butylbenzene	mg/kg	.025	0.0262	105.	72-132	WG486520
Tetrachloroethene	mg/kg	.025	0.0257	103.	65-135	WG486520
Toluene	mg/kg	.025	0.0239	95.7	70-120	WG486520
trans-1,2-Dichloroethene	mg/kg	.025	0.0238	95.2	61-133	WG486520
trans-1,3-Dichloropropene	mg/kg	.025	0.0249	99.7	70-135	WG486520
Trichloroethene	mg/kg	.025	0.0236	94.5	71-126	WG486520
Trichlorofluoromethane	mg/kg	.025	0.0241	96.5	52-147	WG486520
Vinyl chloride	mg/kg	.025	0.0244	97.7	50-151	WG486520
Xylenes, Total	mg/kg	.075	0.0663	88.4	74-127	WG486520
4-Bromofluorobenzene				92.15	59-140	WG486520
Dibromofluoromethane				101.1	63-139	WG486520
Toluene-d8				106.6	84-116	WG486520
1,1,1,2-Tetrachloroethane	mg/kg	.025	0.0234	93.7	73-134	WG486633
1,1,1-Trichloroethane	mg/kg	.025	0.0208	83.2	62-135	WG486633
1,1,2,2-Tetrachloroethane	mg/kg	.025	0.0231	92.5	74-129	WG486633
1,1,2-Trichloroethane	mg/kg	.025	0.0225	89.9	77-124	WG486633
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	.025	0.0219	87.8	49-155	WG486633
1,1-Dichloroethane	mg/kg	.025	0.0205	82.2	61-134	WG486633
1,1-Dichloroethene	mg/kg	.025	0.0223	89.1	53-136	WG486633
1,1-Dichloropropene	mg/kg	.025	0.0215	86.2	63-132	WG486633
1,2,3-Trichlorobenzene	mg/kg	.025	0.0248	99.0	62-146	WG486633
1,2,3-Trichloropropane	mg/kg	.025	0.0243	97.2	70-133	WG486633
1,2,4-Trichlorobenzene	mg/kg	.025	0.0246	98.4	61-148	WG486633
1,2,4-Trimethylbenzene	mg/kg	.025	0.0239	95.6	68-135	WG486633
1,2-Dibromo-3-Chloropropane	mg/kg	.025	0.0257	103.	61-134	WG486633
1,2-Dibromoethane	mg/kg	.025	0.0228	91.2	76-127	WG486633
1,2-Dichlorobenzene	mg/kg	.025	0.0230	92.2	77-123	WG486633
1,2-Dichloroethane	mg/kg	.025	0.0203	81.1	58-141	WG486633
1,2-Dichloropropane	mg/kg	.025	0.0211	84.3	71-128	WG486633
1,3,5-Trimethylbenzene	mg/kg	.025	0.0241	96.4	71-133	WG486633
1,3-Dichlorobenzene	mg/kg	.025	0.0239	95.8	71-132	WG486633
1,3-Dichloropropane	mg/kg	.025	0.0229	91.6	76-120	WG486633
1,4-Dichlorobenzene	mg/kg	.025	0.0223	89.2	72-123	WG486633
2,2-Dichloropropane	mg/kg	.025	0.0216	86.3	50-147	WG486633
2-Butanone (MEK)	mg/kg	.125	0.121	97.2	51-131	WG486633
2-Chloroethyl vinyl ether	mg/kg	.125	0.164	131.	0-188	WG486633
2-Chlorotoluene	mg/kg	.025	0.0242	97.0	73-128	WG486633
4-Chlorotoluene	mg/kg	.025	0.0237	94.7	72-129	WG486633
4-Methyl-2-pentanone (MIBK)	mg/kg	.125	0.125	99.9	61-143	WG486633
Acetone	mg/kg	.125	0.120	96.0	44-140	WG486633
Acrylonitrile	mg/kg	.125	0.121	96.9	55-143	WG486633
Benzene	mg/kg	.025	0.0216	86.3	65-128	WG486633
Bromobenzene	mg/kg	.025	0.0232	92.8	75-123	WG486633
Bromodichloromethane	mg/kg	.025	0.0212	84.6	66-126	WG486633

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Quality Assurance Report
Level II

L466440

July 06, 2010

Laboratory Control Sample

Analyte	Units	Known Val	Result	% Rec	Limit	Batch
Bromoform	mg/kg	.025	0.0261	104.	64-139	WG486633
Bromomethane	mg/kg	.025	0.0253	101.	41-175	WG486633
Carbon tetrachloride	mg/kg	.025	0.0207	82.7	60-140	WG486633
Chlorobenzene	mg/kg	.025	0.0252	101.	75-125	WG486633
Chlorodibromomethane	mg/kg	.025	0.0238	95.1	72-137	WG486633
Chloroethane	mg/kg	.025	0.0321	128.	44-159	WG486633
Chloroform	mg/kg	.025	0.0209	83.6	63-123	WG486633
Chloromethane	mg/kg	.025	0.0217	86.9	42-149	WG486633
cis-1,2-Dichloroethene	mg/kg	.025	0.0220	88.0	71-129	WG486633
cis-1,3-Dichloropropene	mg/kg	.025	0.0216	86.6	73-132	WG486633
Di-isopropyl ether	mg/kg	.025	0.0228	91.2	59-143	WG486633
Dibromomethane	mg/kg	.025	0.0211	84.3	70-130	WG486633
Dichlorodifluoromethane	mg/kg	.025	0.0215	86.2	26-186	WG486633
Ethylbenzene	mg/kg	.025	0.0256	102.	74-128	WG486633
Hexachloro-1,3-butadiene	mg/kg	.025	0.0237	94.8	65-137	WG486633
Isopropylbenzene	mg/kg	.025	0.0250	100.	73-130	WG486633
Methyl tert-butyl ether	mg/kg	.025	0.0228	91.1	44-148	WG486633
Methylene Chloride	mg/kg	.025	0.0225	89.9	57-129	WG486633
n-Butylbenzene	mg/kg	.025	0.0242	96.8	60-145	WG486633
n-Propylbenzene	mg/kg	.025	0.0245	98.0	71-132	WG486633
Naphthalene	mg/kg	.025	0.0261	104.	61-142	WG486633
p-Isopropyltoluene	mg/kg	.025	0.0257	103.	67-138	WG486633
sec-Butylbenzene	mg/kg	.025	0.0247	98.9	71-134	WG486633
Styrene	mg/kg	.025	0.0244	97.8	76-133	WG486633
tert-Butylbenzene	mg/kg	.025	0.0250	100.	72-132	WG486633
Tetrachloroethene	mg/kg	.025	0.0223	89.3	65-135	WG486633
Toluene	mg/kg	.025	0.0209	83.4	70-120	WG486633
trans-1,2-Dichloroethene	mg/kg	.025	0.0212	84.6	61-133	WG486633
trans-1,3-Dichloropropene	mg/kg	.025	0.0225	90.0	70-135	WG486633
Trichloroethene	mg/kg	.025	0.0216	86.4	71-126	WG486633
Trichlorofluoromethane	mg/kg	.025	0.0244	97.6	52-147	WG486633
Vinyl chloride	mg/kg	.025	0.0191	76.2	50-151	WG486633
Xylenes, Total	mg/kg	.075	0.0755	101.	74-127	WG486633
4-Bromofluorobenzene				101.0	59-140	WG486633
Dibromofluoromethane				94.13	63-139	WG486633
Toluene-d8				95.36	84-116	WG486633

Laboratory Control Sample Duplicate

Analyte	Units	Result	Ref	%Rec	Limit	RPD	Limit	Batch
TPH (GC/FID) High Fraction	ppm	36.6	39.3	61.0	50-150	7.09	25	WG485900
o-Terphenyl				70.87	50-150			WG485900
TPH (GC/FID) High Fraction	ppm	38.4	38.6	64.0	50-150	0.421	25	WG486141
o-Terphenyl				77.93	50-150			WG486141
TPH (GC/FID) High Fraction	ppm	44.9	42.4	75.0	50-150	5.88	20	WG485785
o-Terphenyl				80.04	50-150			WG485785
PCB 1016	mg/kg	0.154	0.147	92.0	49-105	5.06	25	WG485669
PCB 1260	mg/kg	0.169	0.164	101.	62-131	3.36	22	WG485669
Decachlorobiphenyl				90.01	18.9-115.8			WG485669
Tetrachloro-m-xylene				92.16	31.8-115.7			WG485669
TPH (GC/FID) High Fraction	ppm	43.5	43.5	72.0	50-150	0.155	20	WG486360

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Analyte	Units	Laboratory Control Sample Duplicate Result	Ref	%Rec	Limit	RPD	Limit	Batch
o-Terphenyl				82.12	50-150			
TPH (GC/FID) Low Fraction	mg/kg	6.09	6.21	111.	67-135	1.88	20	WG486273
a,a,a-Trifluorotoluene(FID)				94.55	59-128			WG486273
1,2,4-Trichlorobenzene	mg/kg	0.238	0.223	71.0	46-99	6.52	24	WG486220
2,4,6-Trichlorophenol	mg/kg	0.257	0.242	77.0	56-109	5.84	20	WG486220
2,4-Dichlorophenol	mg/kg	0.271	0.269	81.0	54-107	0.770	21	WG486220
2,4-Dimethylphenol	mg/kg	0.257	0.258	77.0	58-119	0.419	23	WG486220
2,4-Dinitrophenol	mg/kg	0.185	0.198	56.0	16-130	7.09	45	WG486220
2,4-Dinitrotoluene	mg/kg	0.274	0.250	82.0	53-120	9.16	23	WG486220
2,6-Dinitrotoluene	mg/kg	0.252	0.252	76.0	56-113	0.285	22	WG486220
2-Chloronaphthalene	mg/kg	0.250	0.238	75.0	55-103	4.66	20	WG486220
2-Chlorophenol	mg/kg	0.244	0.226	73.0	52-108	7.61	24	WG486220
2-Nitrophenol	mg/kg	0.273	0.268	82.0	38-110	1.91	24	WG486220
3,3-Dichlorobenzidine	mg/kg	0.223	0.221	67.0	24-123	0.903	35	WG486220
4,6-Dinitro-2-methylphenol	mg/kg	0.171	0.163	51.0	34-111	4.56	33	WG486220
4-Bromophenyl-phenylether	mg/kg	0.280	0.274	84.0	47-98	2.07	23	WG486220
4-Chloro-3-methylphenol	mg/kg	0.286	0.278	86.0	54-116	2.75	23	WG486220
4-Chlorophenyl-phenylether	mg/kg	0.260	0.250	78.0	55-106	3.97	22	WG486220
4-Nitrophenol	mg/kg	0.182	0.189	55.0	34-123	3.49	36	WG486220
Acenaphthene	mg/kg	0.249	0.236	75.0	54-102	5.23	20	WG486220
Acenaphthylene	mg/kg	0.263	0.252	79.0	56-104	4.35	20	WG486220
Anthracene	mg/kg	0.257	0.260	77.0	57-112	1.04	21	WG486220
Benzidine	mg/kg	0	0.00388	0.00	0-13	200.*	50	WG486220
Benzo(a)anthracene	mg/kg	0.263	0.271	79.0	55-105	3.09	21	WG486220
Benzo(a)pyrene	mg/kg	0.259	0.261	78.0	59-114	0.825	22	WG486220
Benzo(b)fluoranthene	mg/kg	0.292	0.286	88.0	44-116	2.33	33	WG486220
Benzo(g,h,i)perylene	mg/kg	0.186	0.202	56.0	41-127	8.51	29	WG486220
Benzo(k)fluoranthene	mg/kg	0.272	0.257	82.0	36-119	5.76	37	WG486220
Benzylbutyl phthalate	mg/kg	0.347	0.341	104.	57-130	1.55	27	WG486220
Bis(2-chlorethoxy)methane	mg/kg	0.312	0.294	94.0	52-107	6.15	21	WG486220
Bis(2-chloroethyl)ether	mg/kg	0.281	0.255	84.0	38-115	9.61	28	WG486220
Bis(2-chloroisopropyl)ether	mg/kg	0.277	0.255	83.0	49-106	8.28	25	WG486220
Bis(2-ethylhexyl)phthalate	mg/kg	0.279	0.284	84.0	50-130	2.05	29	WG486220
Chrysene	mg/kg	0.264	0.262	79.0	54-103	0.660	23	WG486220
Di-n-butyl phthalate	mg/kg	0.305	0.306	92.0	56-121	0.266	22	WG486220
Di-n-octyl phthalate	mg/kg	0.244	0.256	73.0	50-128	4.70	26	WG486220
Dibenz(a,h)anthracene	mg/kg	0.198	0.205	60.0	42-128	3.33	28	WG486220
Diethyl phthalate	mg/kg	0.296	0.286	89.0	57-110	3.64	20	WG486220
Dimethyl phthalate	mg/kg	0.294	0.284	88.0	57-108	3.60	20	WG486220
Fluoranthene	mg/kg	0.270	0.269	81.0	51-109	0.494	26	WG486220
Fluorene	mg/kg	0.258	0.242	77.0	53-106	6.16	20	WG486220
Hexachloro-1,3-butadiene	mg/kg	0.247	0.244	74.0	46-110	0.923	25	WG486220
Hexachlorobenzene	mg/kg	0.233	0.251	70.0	51-117	7.79	24	WG486220
Hexachlorocyclopentadiene	mg/kg	0.253	0.243	76.0	21-127	3.96	40	WG486220
Hexachloroethane	mg/kg	0.224	0.231	67.0	43-104	3.11	27	WG486220
Indeno(1,2,3-cd)pyrene	mg/kg	0.192	0.214	58.0	42-127	10.9	28	WG486220
Isophorone	mg/kg	0.279	0.265	84.0	56-116	5.26	21	WG486220
n-Nitrosodi-n-propylamine	mg/kg	0.292	0.302	88.0	54-113	3.39	21	WG486220
n-Nitrosodimethylamine	mg/kg	0.278	0.268	83.0	35-111	3.48	35	WG486220
n-Nitrosodiphenylamine	mg/kg	0.238	0.240	72.0	66-126	0.582	22	WG486220
Naphthalene	mg/kg	0.254	0.238	76.0	46-97	6.56	23	WG486220
Nitrobenzene	mg/kg	0.258	0.242	77.0	46-102	6.29	23	WG486220
Pentachlorophenol	mg/kg	0.0655	0.0651	20*	37-118	0.643	28	WG486220
Phenanthrene	mg/kg	0.254	0.265	76.0	56-102	4.48	20	WG486220
Phenol	mg/kg	0.289	0.276	87.0	55-115	4.80	22	WG486220
Pyrene	mg/kg	0.283	0.275	85.0	53-111	2.86	26	WG486220
2,4,6-Tribromophenol				76.63	25-137			WG486220

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Analyte	Units	Laboratory Control Sample Result	Ref	%Rec	Limit	Sample Duplicate RPD	Limit	Batch
2-Fluorobiphenyl				77.35	30-120			
2-Fluorophenol				79.77	26-130			
Nitrobenzene-d5				79.81	18-119			
Phenol-d5				87.49	37-141			
p-Terphenyl-d14				100.8	23-143			
TPH (GC/FID) Low Fraction	mg/kg	4.00	4.21	73.0	67-135	5.15	20	WG486470
a,a,a-Trifluorotoluene(FID)				91.31	59-128			WG486470
TPH (GC/FID) Low Fraction	mg/kg	5.13	5.01	93.0	67-135	2.42	20	WG486473
a,a,a-Trifluorotoluene(FID)				95.69	59-128			WG486473
1,1,1,2-Tetrachloroethane	mg/kg	0.0262	0.0262	105.	73-134	0.0300	20	WG486518
1,1,1-Trichloroethane	mg/kg	0.0208	0.0205	83.0	62-135	1.41	20	WG486518
1,1,2,2-Tetrachloroethane	mg/kg	0.0264	0.0275	105.	74-129	4.13	20	WG486518
1,1,2-Trichloroethane	mg/kg	0.0260	0.0270	104.	77-124	3.96	20	WG486518
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0175	0.0212	70.0	49-155	19.0	20	WG486518
1,1-Dichloroethane	mg/kg	0.0206	0.0224	82.0	61-134	8.40	20	WG486518
1,1-Dichloroethene	mg/kg	0.0170	0.0194	68.0	53-136	13.2	20	WG486518
1,1-Dichloropropene	mg/kg	0.0173	0.0178	69.0	63-132	2.90	20	WG486518
1,2,3-Trichlorobenzene	mg/kg	0.0234	0.0245	93.0	62-146	4.81	20	WG486518
1,2,3-Trichloropropane	mg/kg	0.0244	0.0241	98.0	70-133	1.47	20	WG486518
1,2,4-Trichlorobenzene	mg/kg	0.0224	0.0231	90.0	61-148	2.93	20	WG486518
1,2,4-Trimethylbenzene	mg/kg	0.0220	0.0201	88.0	68-135	9.16	20	WG486518
1,2-Dibromo-3-Chloropropane	mg/kg	0.0187	0.0265	75.0	61-134	34.2*	21	WG486518
1,2-Dibromoethane	mg/kg	0.0236	0.0237	94.0	76-127	0.430	20	WG486518
1,2-Dichlorobenzene	mg/kg	0.0240	0.0248	96.0	77-123	3.04	20	WG486518
1,2-Dichloroethane	mg/kg	0.0207	0.0215	83.0	58-141	3.81	20	WG486518
1,2-Dichloropropane	mg/kg	0.0224	0.0233	89.0	71-128	4.34	20	WG486518
1,3,5-Trimethylbenzene	mg/kg	0.0221	0.0207	88.0	71-133	6.60	20	WG486518
1,3-Dichlorobenzene	mg/kg	0.0242	0.0221	97.0	71-132	8.93	20	WG486518
1,3-Dichloropropane	mg/kg	0.0234	0.0244	94.0	76-120	4.27	20	WG486518
1,4-Dichlorobenzene	mg/kg	0.0208	0.0223	83.0	72-123	6.79	20	WG486518
2,2-Dichloropropane	mg/kg	0.0210	0.0218	84.0	50-147	3.96	20	WG486518
2-Butanone (MEK)	mg/kg	0.0962	0.123	77.0	51-131	24.6	25	WG486518
2-Chloroethyl vinyl ether	mg/kg	0.114	0.123	92.0	0-188	7.19	39	WG486518
2-Chlorotoluene	mg/kg	0.0229	0.0217	92.0	73-128	5.51	20	WG486518
4-Chlorotoluene	mg/kg	0.0229	0.0204	92.0	72-129	11.9	20	WG486518
4-Methyl-2-pentanone (MIBK)	mg/kg	0.114	0.129	91.0	61-143	12.5	23	WG486518
Acetone	mg/kg	0.107	0.141	86.0	44-140	27.3*	25	WG486518
Acrylonitrile	mg/kg	0.104	0.129	84.0	55-143	21.2*	20	WG486518
Benzene	mg/kg	0.0190	0.0192	76.0	65-128	1.16	20	WG486518
Bromobenzene	mg/kg	0.0224	0.0217	90.0	75-123	3.23	20	WG486518
Bromodichloromethane	mg/kg	0.0247	0.0253	99.0	66-126	2.13	20	WG486518
Bromoform	mg/kg	0.0217	0.0230	87.0	64-139	5.94	20	WG486518
Bromomethane	mg/kg	0.0247	0.0229	99.0	41-175	7.31	20	WG486518
Carbon tetrachloride	mg/kg	0.0199	0.0203	79.0	60-140	2.02	20	WG486518
Chlorobenzene	mg/kg	0.0221	0.0219	88.0	75-125	1.28	20	WG486518
Chlorodibromomethane	mg/kg	0.0245	0.0265	98.0	72-137	7.74	20	WG486518
Chloroethane	mg/kg	0.0315	0.0342	126.	44-159	8.25	20	WG486518
Chloroform	mg/kg	0.0218	0.0218	87.0	63-123	0.320	20	WG486518
Chloromethane	mg/kg	0.0255	0.0312	102.	42-149	19.9	20	WG486518
cis-1,2-Dichloroethene	mg/kg	0.0204	0.0227	81.0	71-129	10.7	20	WG486518
cis-1,3-Dichloropropene	mg/kg	0.0229	0.0227	92.0	73-132	0.900	20	WG486518
Di-isopropyl ether	mg/kg	0.0230	0.0247	92.0	59-143	7.09	20	WG486518
Dibromomethane	mg/kg	0.0232	0.0253	93.0	70-130	8.69	20	WG486518
Dichlorodifluoromethane	mg/kg	0.0337	0.0395	135.	26-186	16.1	22	WG486518
Ethylbenzene	mg/kg	0.0226	0.0214	90.0	74-128	5.44	20	WG486518

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July 06, 2010

Analyte	Units	Laboratory Control Sample Duplicate Result	Ref	%Rec	Limit	RPD	Limit	Batch
Hexachloro-1,3-butadiene	mg/kg	0.0224	0.0220	89.0	65-137	1.70	20	WG486518
Isopropylbenzene	mg/kg	0.0210	0.0194	84.0	73-130	7.69	20	WG486518
Methyl tert-butyl ether	mg/kg	0.0216	0.0256	86.0	44-148	16.7	20	WG486518
Methylene Chloride	mg/kg	0.0170	0.0194	68.0	57-129	13.1	20	WG486518
n-Butylbenzene	mg/kg	0.0210	0.0219	84.0	60-145	4.45	20	WG486518
n-Propylbenzene	mg/kg	0.0208	0.0188	83.0	71-132	10.1	20	WG486518
Naphthalene	mg/kg	0.0226	0.0245	90.0	61-142	8.12	20	WG486518
p-Isopropyltoluene	mg/kg	0.0223	0.0202	89.0	67-138	9.67	20	WG486518
sec-Butylbenzene	mg/kg	0.0231	0.0206	92.0	71-134	11.8	20	WG486518
Styrene	mg/kg	0.0259	0.0239	104.	76-133	7.91	20	WG486518
tert-Butylbenzene	mg/kg	0.0246	0.0224	98.0	72-132	9.36	20	WG486518
Tetrachloroethene	mg/kg	0.0186	0.0184	74.0	65-135	1.35	20	WG486518
Toluene	mg/kg	0.0187	0.0180	75.0	70-120	3.96	20	WG486518
trans-1,2-Dichloroethene	mg/kg	0.0169	0.0186	67.0	61-133	9.96	20	WG486518
trans-1,3-Dichloropropene	mg/kg	0.0219	0.0215	88.0	70-135	1.62	20	WG486518
Trichloroethene	mg/kg	0.0204	0.0215	81.0	71-126	5.40	20	WG486518
Trichlorofluoromethane	mg/kg	0.0253	0.0263	101.	52-147	4.00	20	WG486518
Vinyl chloride	mg/kg	0.0261	0.0308	104.	50-151	16.6	20	WG486518
Xylenes, Total	mg/kg	0.0630	0.0606	84.0	74-127	3.81	20	WG486518
4-Bromofluorobenzene				101.8	59-140			WG486518
Dibromofluoromethane				97.17	63-139			WG486518
Toluene-d8				96.82	84-116			WG486518
1,1,1,2-Tetrachloroethane	mg/kg	0.0268	0.0256	107.	73-134	4.57	20	WG486519
1,1,1-Trichloroethane	mg/kg	0.0213	0.0205	85.0	62-135	3.74	20	WG486519
1,1,2,2-Tetrachloroethane	mg/kg	0.0307	0.0293	123.	74-129	4.75	20	WG486519
1,1,2-Trichloroethane	mg/kg	0.0288	0.0266	115.	77-124	8.20	20	WG486519
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0173	0.0173	69.0	49-155	0.0600	20	WG486519
1,1-Dichloroethane	mg/kg	0.0216	0.0208	86.0	61-134	3.88	20	WG486519
1,1-Dichloroethene	mg/kg	0.0167	0.0163	67.0	53-136	2.65	20	WG486519
1,1-Dichloropropene	mg/kg	0.0180	0.0176	72.0	63-132	2.32	20	WG486519
1,2,3-Trichlorobenzene	mg/kg	0.0238	0.0236	95.0	62-146	0.940	20	WG486519
1,2,3-Trichloropropane	mg/kg	0.0263	0.0271	105.	70-133	3.05	20	WG486519
1,2,4-Trichlorobenzene	mg/kg	0.0235	0.0233	94.0	61-148	0.810	20	WG486519
1,2,4-Trimethylbenzene	mg/kg	0.0235	0.0216	94.0	68-135	8.11	20	WG486519
1,2-Dibromo-3-Chloropropane	mg/kg	0.0234	0.0249	94.0	61-134	5.95	21	WG486519
1,2-Dibromoethane	mg/kg	0.0258	0.0238	103.	76-127	8.04	20	WG486519
1,2-Dichlorobenzene	mg/kg	0.0249	0.0241	100.	77-123	3.38	20	WG486519
1,2-Dichloroethane	mg/kg	0.0222	0.0225	89.0	58-141	1.17	20	WG486519
1,2-Dichloropropane	mg/kg	0.0243	0.0226	97.0	71-128	7.06	20	WG486519
1,3,5-Trimethylbenzene	mg/kg	0.0229	0.0214	92.0	71-133	6.96	20	WG486519
1,3-Dichlorobenzene	mg/kg	0.0249	0.0229	99.0	71-132	7.98	20	WG486519
1,3-Dichloropropane	mg/kg	0.0258	0.0240	103.	76-120	6.95	20	WG486519
1,4-Dichlorobenzene	mg/kg	0.0217	0.0212	87.0	72-123	2.24	20	WG486519
2,2-Dichloropropane	mg/kg	0.0215	0.0207	86.0	50-147	4.19	20	WG486519
2-Butanone (MEK)	mg/kg	0.115	0.132	92.0	51-131	14.3	25	WG486519
2-Chloroethyl vinyl ether	mg/kg	0.128	0.128	102.	0-188	0.610	39	WG486519
2-Chlorotoluene	mg/kg	0.0251	0.0227	100.	73-128	9.88	20	WG486519
4-Chlorotoluene	mg/kg	0.0239	0.0212	96.0	72-129	12.0	20	WG486519
4-Methyl-2-pentanone (MIBK)	mg/kg	0.130	0.141	104.	61-143	8.37	23	WG486519
Acetone	mg/kg	0.126	0.132	101.	44-140	4.95	25	WG486519
Acrylonitrile	mg/kg	0.123	0.129	98.0	55-143	4.74	20	WG486519
Benzene	mg/kg	0.0197	0.0191	79.0	65-128	3.32	20	WG486519
Bromobenzene	mg/kg	0.0239	0.0226	96.0	75-123	5.87	20	WG486519
Bromodichloromethane	mg/kg	0.0258	0.0253	103.	66-126	1.86	20	WG486519
Bromoform	mg/kg	0.0244	0.0228	98.0	64-139	7.09	20	WG486519
Bromomethane	mg/kg	0.0304	0.0257	121.	41-175	16.9	20	WG486519
Carbon tetrachloride	mg/kg	0.0202	0.0196	81.0	60-140	2.71	20	WG486519

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111 MacKenan Drive

Cary, NC 27511

Quality Assurance Report
Level II

L466440

July 06, 2010

Analyte	Units	Laboratory Control Sample Duplicate Result	Ref	%Rec	Limit	RPD	Limit	Batch
Chlorobenzene	mg/kg	0.0244	0.0218	98.0	75-125	11.0	20	WG486519
Chlorodibromomethane	mg/kg	0.0275	0.0243	110.	72-137	12.6	20	WG486519
Chloroethane	mg/kg	0.0326	0.0309	130.	44-159	5.11	20	WG486519
Chloroform	mg/kg	0.0226	0.0220	90.0	63-123	2.41	20	WG486519
Chloromethane	mg/kg	0.0269	0.0263	108.	42-149	2.36	20	WG486519
cis-1,2-Dichloroethene	mg/kg	0.0214	0.0212	85.0	71-129	0.600	20	WG486519
cis-1,3-Dichloropropene	mg/kg	0.0234	0.0227	94.0	73-132	3.18	20	WG486519
Di-isopropyl ether	mg/kg	0.0240	0.0236	96.0	59-143	1.99	20	WG486519
Dibromomethane	mg/kg	0.0245	0.0231	98.0	70-130	5.76	20	WG486519
Dichlorodifluoromethane	mg/kg	0.0342	0.0343	137.	26-186	0.380	22	WG486519
Ethylbenzene	mg/kg	0.0226	0.0214	90.0	74-128	5.68	20	WG486519
Hexachloro-1,3-butadiene	mg/kg	0.0226	0.0218	90.0	65-137	3.60	20	WG486519
Isopropylbenzene	mg/kg	0.0220	0.0197	88.0	73-130	11.3	20	WG486519
Methyl tert-butyl ether	mg/kg	0.0236	0.0233	94.0	44-148	1.04	20	WG486519
Methylene Chloride	mg/kg	0.0209	0.0179	83.0	57-129	15.4	20	WG486519
n-Butylbenzene	mg/kg	0.0225	0.0211	90.0	60-145	6.84	20	WG486519
n-Propylbenzene	mg/kg	0.0215	0.0198	86.0	71-132	8.05	20	WG486519
Naphthalene	mg/kg	0.0237	0.0252	95.0	61-142	6.28	20	WG486519
p-Isopropyltoluene	mg/kg	0.0232	0.0213	93.0	67-138	8.29	20	WG486519
sec-Butylbenzene	mg/kg	0.0237	0.0218	95.0	71-134	8.44	20	WG486519
Styrene	mg/kg	0.0282	0.0249	113.	76-133	12.6	20	WG486519
tert-Butylbenzene	mg/kg	0.0254	0.0232	101.	72-132	8.81	20	WG486519
Tetrachloroethene	mg/kg	0.0199	0.0170	79.0	65-135	15.2	20	WG486519
Toluene	mg/kg	0.0186	0.0187	74.0	70-120	0.400	20	WG486519
trans-1,2-Dichloroethene	mg/kg	0.0179	0.0164	72.0	61-133	9.02	20	WG486519
trans-1,3-Dichloropropene	mg/kg	0.0235	0.0226	94.0	70-135	4.01	20	WG486519
Trichloroethene	mg/kg	0.0205	0.0202	82.0	71-126	1.54	20	WG486519
Trichlorofluoromethane	mg/kg	0.0260	0.0254	104.	52-147	2.21	20	WG486519
Vinyl chloride	mg/kg	0.0261	0.0260	104.	50-151	0.0600	20	WG486519
Xylenes, Total	mg/kg	0.0668	0.0599	89.0	74-127	11.0	20	WG486519
4-Bromofluorobenzene				106.3	59-140			WG486519
Dibromofluoromethane				99.45	63-139			WG486519
Toluene-d8				97.76	84-116			WG486519
4,4-DDD	mg/kg	0.0604	0.0566	90.0	62-133	6.54	28	WG486361
4,4-DDE	mg/kg	0.0610	0.0562	91.0	61-122	8.11	28	WG486361
4,4-DDT	mg/kg	0.0617	0.0574	92.0	54-138	7.15	31	WG486361
Aldrin	mg/kg	0.0584	0.0504	88.0	57-114	14.9	27	WG486361
Alpha BHC	mg/kg	0.0596	0.0502	89.0	56-122	17.0	30	WG486361
Beta BHC	mg/kg	0.0590	0.0523	88.0	67-122	12.1	23	WG486361
Delta BHC	mg/kg	0.0582	0.0535	87.0	63-120	8.39	26	WG486361
Dieldrin	mg/kg	0.0622	0.0583	93.0	63-124	6.51	26	WG486361
Endosulfan I	mg/kg	0.0645	0.0600	97.0	63-119	7.33	26	WG486361
Endosulfan II	mg/kg	0.0622	0.0583	93.0	63-123	6.57	28	WG486361
Endosulfan sulfate	mg/kg	0.0596	0.0559	89.0	60-124	6.48	30	WG486361
Endrin	mg/kg	0.0606	0.0566	91.0	58-118	6.91	27	WG486361
Endrin aldehyde	mg/kg	0.0480	0.0440	72.0	50-136	8.88	32	WG486361
Endrin ketone	mg/kg	0.0571	0.0535	86.0	57-127	6.51	30	WG486361
Gamma BHC	mg/kg	0.0600	0.0520	90.0	58-113	14.3	27	WG486361
Heptachlor	mg/kg	0.0609	0.0522	91.0	56-116	15.4	29	WG486361
Heptachlor epoxide	mg/kg	0.0621	0.0573	93.0	63-118	8.08	26	WG486361
Hexachlorobenzene	mg/kg	0.0601	0.0503	90.0	51-118	17.8	30	WG486361
Methoxychlor	mg/kg	0.0620	0.0579	93.0	50-152	6.95	32	WG486361
Decachlorobiphenyl				87.41	18.9-115.8			WG486361
Tetrachloro-m-xylene				89.35	31.8-115.7			WG486361
TPH (GC/FID) Low Fraction	mg/kg	5.31	5.37	96.0	67-135	1.20	20	WG486494

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Quality Assurance Report
Level II

L466440

July 06, 2010

Analyte	Units	Laboratory Control Sample Duplicate Result	Ref	%Rec	Limit	RPD	Limit	Batch
a,a,a-Trifluorotoluene(FID)				107.9	59-128			
1,1,1,2-Tetrachloroethane	mg/kg	0.0250	0.0220	100.	73-134	12.9	20	WG486520
1,1,1-Trichloroethane	mg/kg	0.0272	0.0256	109.	62-135	6.12	20	WG486520
1,1,2,2-Tetrachloroethane	mg/kg	0.0245	0.0216	98.0	74-129	12.2	20	WG486520
1,1,2-Trichloroethane	mg/kg	0.0250	0.0233	100.	77-124	6.98	20	WG486520
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0292	0.0261	117.	49-155	11.2	20	WG486520
1,1-Dichloroethane	mg/kg	0.0222	0.0221	89.0	61-134	0.380	20	WG486520
1,1-Dichloroethene	mg/kg	0.0252	0.0233	101.	53-136	7.87	20	WG486520
1,1-Dichloropropene	mg/kg	0.0254	0.0239	102.	63-132	6.08	20	WG486520
1,2,3-Trichlorobenzene	mg/kg	0.0232	0.0206	93.0	62-146	12.0	20	WG486520
1,2,3-Trichloropropane	mg/kg	0.0239	0.0211	96.0	70-133	12.4	20	WG486520
1,2,4-Trichlorobenzene	mg/kg	0.0234	0.0213	93.0	61-148	9.40	20	WG486520
1,2,4-Trimethylbenzene	mg/kg	0.0243	0.0250	97.0	68-135	3.11	20	WG486520
1,2-Dibromo-3-Chloropropane	mg/kg	0.0194	0.0232	78.0	61-134	17.8	21	WG486520
1,2-Dibromoethane	mg/kg	0.0204	0.0224	81.0	76-127	9.43	20	WG486520
1,2-Dichlorobenzene	mg/kg	0.0236	0.0229	94.0	77-123	3.03	20	WG486520
1,2-Dichloroethane	mg/kg	0.0240	0.0212	96.0	58-141	12.4	20	WG486520
1,2-Dichloropropane	mg/kg	0.0218	0.0215	87.0	71-128	1.49	20	WG486520
1,3,5-Trimethylbenzene	mg/kg	0.0279	0.0230	111.	71-133	19.3	20	WG486520
1,3-Dichlorobenzene	mg/kg	0.0264	0.0249	106.	71-132	6.17	20	WG486520
1,3-Dichloropropane	mg/kg	0.0197	0.0206	79.0	76-120	4.73	20	WG486520
1,4-Dichlorobenzene	mg/kg	0.0238	0.0230	95.0	72-123	3.77	20	WG486520
2,2-Dichloropropane	mg/kg	0.0273	0.0248	109.	50-147	9.74	20	WG486520
2-Butanone (MEK)	mg/kg	0.0903	0.0940	72.0	51-131	3.98	25	WG486520
2-Chloroethyl vinyl ether	mg/kg	0.115	0.103	92.0	0-188	11.4	39	WG486520
2-Chlorotoluene	mg/kg	0.0261	0.0215	104.	73-128	19.3	20	WG486520
4-Chlorotoluene	mg/kg	0.0266	0.0237	106.	72-129	11.7	20	WG486520
4-Methyl-2-pentanone (MIBK)	mg/kg	0.115	0.109	92.0	61-143	5.55	23	WG486520
Acetone	mg/kg	0.0928	0.0947	74.0	44-140	2.03	25	WG486520
Acrylonitrile	mg/kg	0.0935	0.101	75.0	55-143	7.80	20	WG486520
Benzene	mg/kg	0.0231	0.0213	92.0	65-128	8.08	20	WG486520
Bromobenzene	mg/kg	0.0250	0.0225	100.	75-123	10.6	20	WG486520
Bromodichloromethane	mg/kg	0.0242	0.0227	97.0	66-126	6.34	20	WG486520
Bromoform	mg/kg	0.0243	0.0230	97.0	64-139	5.50	20	WG486520
Bromomethane	mg/kg	0.0248	0.0220	99.0	41-175	11.7	20	WG486520
Carbon tetrachloride	mg/kg	0.0263	0.0248	105.	60-140	5.69	20	WG486520
Chlorobenzene	mg/kg	0.0236	0.0210	94.0	75-125	12.0	20	WG486520
Chlorodibromomethane	mg/kg	0.0219	0.0213	88.0	72-137	2.91	20	WG486520
Chloroethane	mg/kg	0.0213	0.0184	85.0	44-159	14.5	20	WG486520
Chloroform	mg/kg	0.0252	0.0236	101.	63-123	6.63	20	WG486520
Chloromethane	mg/kg	0.0215	0.0220	86.0	42-149	2.20	20	WG486520
cis-1,2-Dichloroethene	mg/kg	0.0233	0.0229	93.0	71-129	1.55	20	WG486520
cis-1,3-Dichloropropene	mg/kg	0.0257	0.0228	103.	73-132	12.3	20	WG486520
Di-isopropyl ether	mg/kg	0.0202	0.0207	81.0	59-143	2.49	20	WG486520
Dibromomethane	mg/kg	0.0232	0.0217	93.0	70-130	6.77	20	WG486520
Dichlorodifluoromethane	mg/kg	0.0323	0.0354	129.	26-186	8.96	22	WG486520
Ethylbenzene	mg/kg	0.0246	0.0221	98.0	74-128	10.8	20	WG486520
Hexachloro-1,3-butadiene	mg/kg	0.0242	0.0237	97.0	65-137	2.03	20	WG486520
Isopropylbenzene	mg/kg	0.0290	0.0257	116.	73-130	11.9	20	WG486520
Methyl tert-butyl ether	mg/kg	0.0224	0.0224	90.0	44-148	0.0300	20	WG486520
Methylene Chloride	mg/kg	0.0205	0.0219	82.0	57-129	6.33	20	WG486520
n-Butylbenzene	mg/kg	0.0261	0.0248	104.	60-145	5.36	20	WG486520
n-Propylbenzene	mg/kg	0.0278	0.0248	111.	71-132	11.6	20	WG486520
Naphthalene	mg/kg	0.0208	0.0177	83.0	61-142	16.5	20	WG486520
p-Isopropyltoluene	mg/kg	0.0281	0.0262	112.	67-138	6.92	20	WG486520
sec-Butylbenzene	mg/kg	0.0273	0.0270	109.	71-134	1.00	20	WG486520
Styrene	mg/kg	0.0257	0.0229	103.	76-133	11.6	20	WG486520
tert-Butylbenzene	mg/kg	0.0249	0.0262	100.	72-132	5.17	20	WG486520
Tetrachloroethene	mg/kg	0.0289	0.0257	115.	65-135	11.7	20	WG486520

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Quality Assurance Report
Level II

L466440

July 06, 2010

Analyte	Units	Laboratory Control Sample Duplicate Result	Ref	%Rec	Limit	RPD	Limit	Batch
Toluene	mg/kg	0.0265	0.0239	106.	70-120	10.4	20	WG486520
trans-1,2-Dichloroethene	mg/kg	0.0244	0.0238	98.0	61-133	2.43	20	WG486520
trans-1,3-Dichloropropene	mg/kg	0.0256	0.0249	102.	70-135	2.58	20	WG486520
Trichloroethene	mg/kg	0.0275	0.0236	110.	71-126	15.1	20	WG486520
Trichlorofluoromethane	mg/kg	0.0271	0.0241	108.	52-147	11.6	20	WG486520
Vinyl chloride	mg/kg	0.0259	0.0244	104.	50-151	5.79	20	WG486520
Xylenes, Total	mg/kg	0.0763	0.0663	102.	74-127	14.0	20	WG486520
4-Bromofluorobenzene				108.6	59-140			WG486520
Dibromofluoromethane				96.85	63-139			WG486520
Toluene-d8				105.3	84-116			WG486520
1,1,1,2-Tetrachloroethane	mg/kg	0.0261	0.0234	104.	73-134	10.7	20	WG486633
1,1,1-Trichloroethane	mg/kg	0.0215	0.0208	86.0	62-135	3.48	20	WG486633
1,1,2,2-Tetrachloroethane	mg/kg	0.0239	0.0231	96.0	74-129	3.39	20	WG486633
1,1,2-Trichloroethane	mg/kg	0.0234	0.0225	94.0	77-124	3.89	20	WG486633
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0219	0.0219	88.0	49-155	0.0700	20	WG486633
1,1-Dichloroethane	mg/kg	0.0209	0.0205	83.0	61-134	1.59	20	WG486633
1,1-Dichloroethene	mg/kg	0.0218	0.0223	87.0	53-136	1.99	20	WG486633
1,1-Dichloropropene	mg/kg	0.0218	0.0215	87.0	63-132	1.32	20	WG486633
1,2,3-Trichlorobenzene	mg/kg	0.0256	0.0248	102.	62-146	3.37	20	WG486633
1,2,3-Trichloropropane	mg/kg	0.0251	0.0243	100.	70-133	3.30	20	WG486633
1,2,4-Trichlorobenzene	mg/kg	0.0255	0.0246	102.	61-148	3.62	20	WG486633
1,2,4-Trimethylbenzene	mg/kg	0.0259	0.0239	104.	68-135	8.01	20	WG486633
1,2-Dibromo-3-Chloropropane	mg/kg	0.0254	0.0257	101.	61-134	1.27	21	WG486633
1,2-Dibromoethane	mg/kg	0.0292	0.0228	117.	76-127	24.5*	20	WG486633
1,2-Dichlorobenzene	mg/kg	0.0233	0.0230	93.0	77-123	1.15	20	WG486633
1,2-Dichloroethane	mg/kg	0.0206	0.0203	82.0	58-141	1.68	20	WG486633
1,2-Dichloropropane	mg/kg	0.0213	0.0211	85.0	71-128	1.05	20	WG486633
1,3,5-Trimethylbenzene	mg/kg	0.0262	0.0241	105.	71-133	8.30	20	WG486633
1,3-Dichlorobenzene	mg/kg	0.0258	0.0239	103.	71-132	7.48	20	WG486633
1,3-Dichloropropane	mg/kg	0.0285	0.0229	114.	76-120	21.8*	20	WG486633
1,4-Dichlorobenzene	mg/kg	0.0225	0.0223	90.0	72-123	1.03	20	WG486633
2,2-Dichloropropane	mg/kg	0.0219	0.0216	88.0	50-147	1.75	20	WG486633
2-Butanone (MEK)	mg/kg	0.114	0.121	91.0	51-131	6.09	25	WG486633
2-Chloroethyl vinyl ether	mg/kg	0.106	0.164	85.0	0-188	43.3*	39	WG486633
2-Chlorotoluene	mg/kg	0.0257	0.0242	103.	73-128	5.89	20	WG486633
4-Chlorotoluene	mg/kg	0.0256	0.0237	102.	72-129	7.81	20	WG486633
4-Methyl-2-pentanone (MIBK)	mg/kg	0.118	0.125	94.0	61-143	5.40	23	WG486633
Acetone	mg/kg	0.111	0.120	88.0	44-140	8.13	25	WG486633
Acrylonitrile	mg/kg	0.115	0.121	92.0	55-143	4.81	20	WG486633
Benzene	mg/kg	0.0219	0.0216	88.0	65-128	1.43	20	WG486633
Bromobenzene	mg/kg	0.0249	0.0232	100.	75-123	7.02	20	WG486633
Bromodichloromethane	mg/kg	0.0213	0.0212	85.0	66-126	0.470	20	WG486633
Bromoform	mg/kg	0.0269	0.0261	107.	64-139	3.04	20	WG486633
Bromomethane	mg/kg	0.0246	0.0253	98.0	41-175	2.91	20	WG486633
Carbon tetrachloride	mg/kg	0.0207	0.0207	83.0	60-140	0.350	20	WG486633
Chlorobenzene	mg/kg	0.0277	0.0252	111.	75-125	9.27	20	WG486633
Chlorodibromomethane	mg/kg	0.0243	0.0238	97.0	72-137	2.07	20	WG486633
Chloroethane	mg/kg	0.0317	0.0321	127.	44-159	1.30	20	WG486633
Chloroform	mg/kg	0.0212	0.0209	85.0	63-123	1.64	20	WG486633
Chloromethane	mg/kg	0.0223	0.0217	89.0	42-149	2.64	20	WG486633
cis-1,2-Dichloroethene	mg/kg	0.0223	0.0220	89.0	71-129	1.25	20	WG486633
cis-1,3-Dichloropropene	mg/kg	0.0227	0.0216	91.0	73-132	4.61	20	WG486633
Di-isopropyl ether	mg/kg	0.0222	0.0228	89.0	59-143	2.44	20	WG486633
Dibromomethane	mg/kg	0.0213	0.0211	85.0	70-130	0.990	20	WG486633
Dichlorodifluoromethane	mg/kg	0.0224	0.0215	89.0	26-186	3.68	22	WG486633
Ethylbenzene	mg/kg	0.0286	0.0256	114.	74-128	11.3	20	WG486633
Hexachloro-1,3-butadiene	mg/kg	0.0246	0.0237	98.0	65-137	3.68	20	WG486633

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Ty Colwell
111 MacKenan Drive

Cary, NC 27511

Quality Assurance Report
Level II

L466440

July 06, 2010

Analyte	Units	Laboratory Control Sample Duplicate Result	Ref	%Rec	Limit	RPD	Limit	Batch
Isopropylbenzene	mg/kg	0.0271	0.0250	108.	73-130	8.04	20	WG486633
Methyl tert-butyl ether	mg/kg	0.0219	0.0228	88.0	44-148	3.75	20	WG486633
Methylene Chloride	mg/kg	0.0220	0.0225	88.0	57-129	2.01	20	WG486633
n-Butylbenzene	mg/kg	0.0251	0.0242	100.	60-145	3.52	20	WG486633
n-Propylbenzene	mg/kg	0.0267	0.0245	107.	71-132	8.49	20	WG486633
Naphthalene	mg/kg	0.0267	0.0261	107.	61-142	2.22	20	WG486633
p-Isopropyltoluene	mg/kg	0.0277	0.0257	111.	67-138	7.38	20	WG486633
sec-Butylbenzene	mg/kg	0.0269	0.0247	108.	71-134	8.45	20	WG486633
Styrene	mg/kg	0.0261	0.0244	104.	76-133	6.62	20	WG486633
tert-Butylbenzene	mg/kg	0.0270	0.0250	108.	72-132	7.51	20	WG486633
Tetrachloroethene	mg/kg	0.0240	0.0223	96.0	65-135	7.08	20	WG486633
Toluene	mg/kg	0.0219	0.0209	88.0	70-120	4.94	20	WG486633
trans-1,2-Dichloroethene	mg/kg	0.0213	0.0212	85.0	61-133	0.590	20	WG486633
trans-1,3-Dichloropropene	mg/kg	0.0229	0.0225	91.0	70-135	1.61	20	WG486633
Trichloroethene	mg/kg	0.0226	0.0216	90.0	71-126	4.48	20	WG486633
Trichlorofluoromethane	mg/kg	0.0246	0.0244	98.0	52-147	0.740	20	WG486633
Vinyl chloride	mg/kg	0.0197	0.0191	79.0	50-151	3.09	20	WG486633
Xylenes, Total	mg/kg	0.0818	0.0755	109.	74-127	8.03	20	WG486633
4-Bromofluorobenzene				104.8	59-140			WG486633
Dibromofluoromethane				94.16	63-139			WG486633
Toluene-d8				97.39	84-116			WG486633

Analyte	Units	Matrix Spike MS Res	Ref Res	TV	% Rec	Limit	Ref Samp	Batch
TPH (GC/FID) High Fraction	ppm	44.1	0	60	73.4	50-150	L466255-01	WG485900
o-Terphenyl					77.42	50-150		WG485900
TPH (GC/FID) High Fraction	ppm	37.2	0	60	62.0	50-150	L466255-04	WG486141
o-Terphenyl					71.65	50-150		WG486141
TPH (GC/FID) High Fraction	ppm	42.4	0	60	70.7	50-150	L466735-15	WG486360
o-Terphenyl					78.83	50-150		WG486360
PCB 1016	mg/kg	0.160	0	.167	95.6	70-130	L466244-20	WG485669
PCB 1260	mg/kg	0.180	0	.167	108.	10-197	L466244-20	WG485669
Decachlorobiphenyl					90.66	18.9-115.8		WG485669
Tetrachloro-m-xylene					97.00	31.8-115.7		WG485669
TPH (GC/FID) Low Fraction	mg/kg	24.6	0	5.5	89.4	55-109	L466505-01	WG486273
a,a,a-Trifluorotoluene(FID)					93.93	59-128		WG486273
TPH (GC/FID) Low Fraction	mg/kg	162.	0	5.5	72.0	55-109	L466440-07	WG486470
a,a,a-Trifluorotoluene(FID)					90.24	59-128		WG486470
TPH (GC/FID) Low Fraction	mg/kg	251.	0	5.5	91.2	55-109	L466440-16	WG486473
a,a,a-Trifluorotoluene(FID)					93.54	59-128		WG486473
Chromium	mg/kg	58.0	11.0	50	94.0	75-125	L466306-04	WG486131
Lead	mg/kg	55.9	14.0	50	83.8	75-125	L466306-04	WG486131

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Analyte	Units	MS Res	Matrix Spike Ref Res	TV	% Rec	Limit	Ref Samp	Batch
1,1,1,2-Tetrachloroethane	mg/kg	0.00980	0	.025	39.2	29-145	L466440-01	WG486518
1,1,1-Trichloroethane	mg/kg	0.0101	0	.025	40.4	23-147	L466440-01	WG486518
1,1,2,2-Tetrachloroethane	mg/kg	0.00964	0	.025	38.6	18-150	L466440-01	WG486518
1,1,2-Trichloroethane	mg/kg	0.0140	0	.025	56.0	35-140	L466440-01	WG486518
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0102	0	.025	41.0	10-145	L466440-01	WG486518
1,1-Dichloroethane	mg/kg	0.0137	0	.025	55.0	24-148	L466440-01	WG486518
1,1-Dichloroethene	mg/kg	0.0136	0	.025	54.3	10-149	L466440-01	WG486518
1,1-Dichloropropene	mg/kg	0.00917	0	.025	36.7	10-141	L466440-01	WG486518
1,2,3-Trichlorobenzene	mg/kg	0.00405	0	.025	16.2	10-129	L466440-01	WG486518
1,2,3-Trichloropropane	mg/kg	0.00917	0	.025	36.7	30-148	L466440-01	WG486518
1,2,4-Trichlorobenzene	mg/kg	0.00460	0	.025	18.4	10-119	L466440-01	WG486518
1,2,4-Trimethylbenzene	mg/kg	0.00597	0	.025	23.9	10-145	L466440-01	WG486518
1,2-Dibromo-3-Chloropropane	mg/kg	0.00609	0	.025	24.4	19-145	L466440-01	WG486518
1,2-Dibromoethane	mg/kg	0.0122	0	.025	48.9	24-145	L466440-01	WG486518
1,2-Dichlorobenzene	mg/kg	0.00670	0	.025	26.8	12-130	L466440-01	WG486518
1,2-Dichloroethane	mg/kg	0.0125	0	.025	50.1	21-155	L466440-01	WG486518
1,2-Dichloropropane	mg/kg	0.0127	0	.025	50.9	28-144	L466440-01	WG486518
1,3,5-Trimethylbenzene	mg/kg	0.00592	0	.025	23.7	10-135	L466440-01	WG486518
1,3-Dichlorobenzene	mg/kg	0.00587	0	.025	23.5	10-129	L466440-01	WG486518
1,3-Dichloropropane	mg/kg	0.0129	0	.025	51.6	31-137	L466440-01	WG486518
1,4-Dichlorobenzene	mg/kg	0.00641	0	.025	25.6	10-121	L466440-01	WG486518
2,2-Dichloropropane	mg/kg	0.0118	0	.025	47.4	18-144	L466440-01	WG486518
2-Butanone (MEK)	mg/kg	0.0524	0	.125	41.9	21-143	L466440-01	WG486518
2-Chloroethyl vinyl ether	mg/kg	0.0671	0	.125	53.7	0-176	L466440-01	WG486518
2-Chlorotoluene	mg/kg	0.00652	0	.025	26.1	10-132	L466440-01	WG486518
4-Chlorotoluene	mg/kg	0.00638	0	.025	25.5	10-129	L466440-01	WG486518
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0618	0	.125	49.5	31-151	L466440-01	WG486518
Acetone	mg/kg	0.0700	0.0880	.125	0*	13-158	L466440-01	WG486518
Acrylonitrile	mg/kg	0.0705	0	.125	56.4	20-154	L466440-01	WG486518
Benzene	mg/kg	0.0113	0	.025	45.1	16-143	L466440-01	WG486518
Bromobenzene	mg/kg	0.00722	0	.025	28.9	14-135	L466440-01	WG486518
Bromodichloromethane	mg/kg	0.0118	0	.025	47.3	27-139	L466440-01	WG486518
Bromoform	mg/kg	0.00813	0	.025	32.5	21-144	L466440-01	WG486518
Bromomethane	mg/kg	0.0206	0	.025	82.5	0-180	L466440-01	WG486518
Carbon tetrachloride	mg/kg	0.00906	0	.025	36.2	12-149	L466440-01	WG486518
Chlorobenzene	mg/kg	0.00896	0	.025	35.8	17-134	L466440-01	WG486518
Chlorodibromomethane	mg/kg	0.00852	0	.025	34.1	28-147	L466440-01	WG486518
Chloroethane	mg/kg	0.0170	0	.025	68.1	0-172	L466440-01	WG486518
Chloroform	mg/kg	0.0126	0	.025	50.4	28-138	L466440-01	WG486518
Chloromethane	mg/kg	0.0167	0	.025	66.8	10-158	L466440-01	WG486518
cis-1,2-Dichloroethene	mg/kg	0.0129	0	.025	51.7	21-147	L466440-01	WG486518
cis-1,3-Dichloropropene	mg/kg	0.0118	0	.025	47.3	17-145	L466440-01	WG486518
Di-isopropyl ether	mg/kg	0.0157	0	.025	62.8	31-153	L466440-01	WG486518
Dibromomethane	mg/kg	0.0130	0	.025	52.2	24-147	L466440-01	WG486518
Dichlorodifluoromethane	mg/kg	0.0174	0	.025	69.6	0-192	L466440-01	WG486518
Ethylbenzene	mg/kg	0.00860	0	.025	34.4	12-137	L466440-01	WG486518
Hexachloro-1,3-butadiene	mg/kg	0.00349	0	.025	14.0	10-123	L466440-01	WG486518
Isopropylbenzene	mg/kg	0.00662	0	.025	26.5	14-134	L466440-01	WG486518
Methyl tert-butyl ether	mg/kg	0.0152	0	.025	60.9	21-157	L466440-01	WG486518
Methylene Chloride	mg/kg	0.0149	0	.025	59.7	12-149	L466440-01	WG486518
n-Butylbenzene	mg/kg	0.00540	0	.025	21.6	10-130	L466440-01	WG486518
n-Propylbenzene	mg/kg	0.00585	0	.025	23.4	10-130	L466440-01	WG486518
Naphthalene	mg/kg	0.00541	0	.025	21.6	0-146	L466440-01	WG486518
p-Isopropyltoluene	mg/kg	0.00518	0	.025	20.7	10-131	L466440-01	WG486518
sec-Butylbenzene	mg/kg	0.00527	0	.025	21.1	10-134	L466440-01	WG486518
Styrene	mg/kg	0.00815	0	.025	32.6	10-140	L466440-01	WG486518
tert-Butylbenzene	mg/kg	0.00585	0	.025	23.4	11-137	L466440-01	WG486518
Tetrachloroethene	mg/kg	0.00710	0	.025	28.4	10-131	L466440-01	WG486518
Toluene	mg/kg	0.00896	0	.025	35.8	12-136	L466440-01	WG486518

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Analyte	Units	MS Res	Matrix Spike Ref Res	TV	% Rec	Limit	Ref Samp	Batch
trans-1,2-Dichloroethene	mg/kg	0.0133	0	.025	53.0	10-143	L466440-01	WG486518
trans-1,3-Dichloropropene	mg/kg	0.00936	0	.025	37.4	16-147	L466440-01	WG486518
Trichloroethene	mg/kg	0.0105	0	.025	42.2	10-155	L466440-01	WG486518
Trichlorofluoromethane	mg/kg	0.0115	0	.025	45.9	10-154	L466440-01	WG486518
Vinyl chloride	mg/kg	0.0155	0	.025	61.9	10-159	L466440-01	WG486518
Xylenes, Total	mg/kg	0.0238	0	.075	31.8	10-138	L466440-01	WG486518
4-Bromofluorobenzene					94.68	59-140		WG486518
Dibromofluoromethane					99.34	63-139		WG486518
Toluene-d8					91.86	84-116		WG486518
1,1,1,2-Tetrachloroethane	mg/kg	0.0210	0	.025	84.0	29-145	L466440-11	WG486519
1,1,1-Trichloroethane	mg/kg	0.0204	0	.025	81.8	23-147	L466440-11	WG486519
1,1,2,2-Tetrachloroethane	mg/kg	0.0211	0	.025	84.5	18-150	L466440-11	WG486519
1,1,2-Trichloroethane	mg/kg	0.0232	0	.025	92.9	35-140	L466440-11	WG486519
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0181	0	.025	72.5	10-145	L466440-11	WG486519
1,1-Dichloroethane	mg/kg	0.0223	0	.025	89.1	24-148	L466440-11	WG486519
1,1-Dichloroethene	mg/kg	0.0218	0	.025	87.2	10-149	L466440-11	WG486519
1,1-Dichloropropene	mg/kg	0.0194	0	.025	77.7	10-141	L466440-11	WG486519
1,2,3-Trichlorobenzene	mg/kg	0.00799	0	.025	32.0	10-129	L466440-11	WG486519
1,2,3-Trichloropropane	mg/kg	0.0194	0	.025	77.7	30-148	L466440-11	WG486519
1,2,4-Trichlorobenzene	mg/kg	0.00908	0	.025	36.3	10-119	L466440-11	WG486519
1,2,4-Trimethylbenzene	mg/kg	0.0123	0	.025	49.4	10-145	L466440-11	WG486519
1,2-Dibromo-3-Chloropropane	mg/kg	0.0167	0	.025	66.8	19-145	L466440-11	WG486519
1,2-Dibromoethane	mg/kg	0.0219	0	.025	87.6	24-145	L466440-11	WG486519
1,2-Dichlorobenzene	mg/kg	0.0149	0	.025	59.5	12-130	L466440-11	WG486519
1,2-Dichloroethane	mg/kg	0.0218	0	.025	87.1	21-155	L466440-11	WG486519
1,2-Dichloropropane	mg/kg	0.0224	0	.025	89.5	28-144	L466440-11	WG486519
1,3,5-Trimethylbenzene	mg/kg	0.0126	0	.025	50.3	10-135	L466440-11	WG486519
1,3-Dichlorobenzene	mg/kg	0.0136	0	.025	54.2	10-129	L466440-11	WG486519
1,3-Dichloropropane	mg/kg	0.0219	0	.025	87.4	31-137	L466440-11	WG486519
1,4-Dichlorobenzene	mg/kg	0.0150	0	.025	59.8	10-121	L466440-11	WG486519
2,2-Dichloropropane	mg/kg	0.0209	0	.025	83.6	18-144	L466440-11	WG486519
2-Butanone (MEK)	mg/kg	0.0977	0	.125	78.2	21-143	L466440-11	WG486519
2-Chloroethyl vinyl ether	mg/kg	0.115	0	.125	92.3	0-176	L466440-11	WG486519
2-Chlorotoluene	mg/kg	0.0143	0	.025	57.1	10-132	L466440-11	WG486519
4-Chlorotoluene	mg/kg	0.0147	0	.025	58.8	10-129	L466440-11	WG486519
4-Methyl-2-pentanone (MIBK)	mg/kg	0.110	0	.125	87.6	31-151	L466440-11	WG486519
Acetone	mg/kg	0.109	0	.125	87.3	13-158	L466440-11	WG486519
Acrylonitrile	mg/kg	0.110	0	.125	88.0	20-154	L466440-11	WG486519
Benzene	mg/kg	0.0209	0	.025	83.8	16-143	L466440-11	WG486519
Bromobenzene	mg/kg	0.0160	0	.025	64.1	14-135	L466440-11	WG486519
Bromodichloromethane	mg/kg	0.0224	0	.025	89.6	27-139	L466440-11	WG486519
Bromoform	mg/kg	0.0177	0	.025	70.8	21-144	L466440-11	WG486519
Bromomethane	mg/kg	0.0279	0	.025	111.	0-180	L466440-11	WG486519
Carbon tetrachloride	mg/kg	0.0188	0	.025	75.0	12-149	L466440-11	WG486519
Chlorobenzene	mg/kg	0.0188	0	.025	75.1	17-134	L466440-11	WG486519
Chlorodibromomethane	mg/kg	0.0201	0	.025	80.4	28-147	L466440-11	WG486519
Chloroethane	mg/kg	0.0264	0	.025	106.	0-172	L466440-11	WG486519
Chloroform	mg/kg	0.0216	0	.025	86.6	28-138	L466440-11	WG486519
Chloromethane	mg/kg	0.0206	0	.025	82.3	10-158	L466440-11	WG486519
cis-1,2-Dichloroethene	mg/kg	0.0224	0	.025	89.7	21-147	L466440-11	WG486519
cis-1,3-Dichloropropene	mg/kg	0.0219	0	.025	87.6	17-145	L466440-11	WG486519
Di-isopropyl ether	mg/kg	0.0229	0	.025	91.8	31-153	L466440-11	WG486519
Dibromomethane	mg/kg	0.0238	0	.025	95.3	24-147	L466440-11	WG486519
Dichlorodifluoromethane	mg/kg	0.0253	0	.025	101.	0-192	L466440-11	WG486519
Ethylbenzene	mg/kg	0.0175	0	.025	70.1	12-137	L466440-11	WG486519
Hexachloro-1,3-butadiene	mg/kg	0.00489	0	.025	19.6	10-123	L466440-11	WG486519
Isopropylbenzene	mg/kg	0.0136	0	.025	54.5	14-134	L466440-11	WG486519

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111 MacKenan Drive

Cary, NC 27511

Quality Assurance Report
Level II

L466440

July 06, 2010

Analyte	Units	MS Res	Matrix Spike Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Methyl tert-butyl ether	mg/kg	0.0227	0	.025	90.8	21-157	L466440-11	WG486519
Methylene Chloride	mg/kg	0.0216	0	.025	86.4	12-149	L466440-11	WG486519
n-Butylbenzene	mg/kg	0.00980	0	.025	39.2	10-130	L466440-11	WG486519
n-Propylbenzene	mg/kg	0.0123	0	.025	49.3	10-130	L466440-11	WG486519
Naphthalene	mg/kg	0.0116	0	.025	46.2	0-146	L466440-11	WG486519
p-Isopropyltoluene	mg/kg	0.0103	0	.025	41.1	10-131	L466440-11	WG486519
sec-Butylbenzene	mg/kg	0.0103	0	.025	41.1	10-134	L466440-11	WG486519
Styrene	mg/kg	0.0184	0	.025	73.4	10-140	L466440-11	WG486519
tert-Butylbenzene	mg/kg	0.0117	0	.025	46.8	11-137	L466440-11	WG486519
Tetrachloroethene	mg/kg	0.0143	0	.025	57.2	10-131	L466440-11	WG486519
Toluene	mg/kg	0.0181	0	.025	72.3	12-136	L466440-11	WG486519
trans-1,2-Dichloroethene	mg/kg	0.0212	0	.025	84.9	10-143	L466440-11	WG486519
trans-1,3-Dichloropropene	mg/kg	0.0213	0	.025	85.0	16-147	L466440-11	WG486519
Trichloroethene	mg/kg	0.0204	0	.025	81.7	10-155	L466440-11	WG486519
Trichlorofluoromethane	mg/kg	0.0194	0	.025	77.5	10-154	L466440-11	WG486519
Vinyl chloride	mg/kg	0.0208	0	.025	83.2	10-159	L466440-11	WG486519
Xylenes, Total	mg/kg	0.0493	0	.075	65.8	10-138	L466440-11	WG486519
4-Bromofluorobenzene					95.92	59-140		WG486519
Dibromofluoromethane					97.97	63-139		WG486519
Toluene-d8					96.29	84-116		WG486519
TPH (GC/FID) Low Fraction	mg/kg	4.61	0	5.5	83.7	55-109	L466345-01	WG486494
a,a,a-Trifluorotoluene(FID)					108.2	59-128		WG486494
1,1,1,2-Tetrachloroethane	mg/kg	0.00601	0	.025	24.0*	29-145	L466440-26	WG486520
1,1,1-Trichloroethane	mg/kg	0.00696	0	.025	27.8	23-147	L466440-26	WG486520
1,1,2,2-Tetrachloroethane	mg/kg	0.00591	0	.025	23.6	18-150	L466440-26	WG486520
1,1,2-Trichloroethane	mg/kg	0.00653	0	.025	26.1*	35-140	L466440-26	WG486520
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.00731	0	.025	29.2	10-145	L466440-26	WG486520
1,1-Dichloroethane	mg/kg	0.00652	0	.025	26.1	24-148	L466440-26	WG486520
1,1-Dichloroethene	mg/kg	0.00650	0	.025	26.0	10-149	L466440-26	WG486520
1,1-Dichloropropene	mg/kg	0.00547	0	.025	21.9	10-141	L466440-26	WG486520
1,2,3-Trichlorobenzene	mg/kg	0.00323	0	.025	12.9	10-129	L466440-26	WG486520
1,2,3-Trichloropropane	mg/kg	0.00641	0	.025	25.6*	30-148	L466440-26	WG486520
1,2,4-Trichlorobenzene	mg/kg	0.00328	0	.025	13.1	10-119	L466440-26	WG486520
1,2,4-Trimethylbenzene	mg/kg	0.00766	0	.025	30.6	10-145	L466440-26	WG486520
1,2-Dibromo-3-Chloropropane	mg/kg	0.00590	0	.025	23.6	19-145	L466440-26	WG486520
1,2-Dibromoethane	mg/kg	0.00707	0	.025	28.3	24-145	L466440-26	WG486520
1,2-Dichlorobenzene	mg/kg	0.00406	0	.025	16.2	12-130	L466440-26	WG486520
1,2-Dichloroethane	mg/kg	0.00723	0	.025	28.9	21-155	L466440-26	WG486520
1,2-Dichloropropane	mg/kg	0.00591	0	.025	23.6*	28-144	L466440-26	WG486520
1,3,5-Trimethylbenzene	mg/kg	0.00541	0	.025	21.6	10-135	L466440-26	WG486520
1,3-Dichlorobenzene	mg/kg	0.00399	0	.025	15.9	10-129	L466440-26	WG486520
1,3-Dichloropropane	mg/kg	0.00671	0	.025	26.8*	31-137	L466440-26	WG486520
1,4-Dichlorobenzene	mg/kg	0.00426	0	.025	17.0	10-121	L466440-26	WG486520
2,2-Dichloropropane	mg/kg	0.00767	0	.025	30.7	18-144	L466440-26	WG486520
2-Butanone (MEK)	mg/kg	0.0620	0.0420	.125	16.0*	21-143	L466440-26	WG486520
2-Chloroethyl vinyl ether	mg/kg	0.0305	0	.125	24.4	0-176	L466440-26	WG486520
2-Chlorotoluene	mg/kg	0.00413	0	.025	16.5	10-132	L466440-26	WG486520
4-Chlorotoluene	mg/kg	0.00433	0	.025	17.3	10-129	L466440-26	WG486520
4-Methyl-2-pentanone (MIBK)	mg/kg	0.0464	0	.125	37.2	31-151	L466440-26	WG486520
Acetone	mg/kg	0.196	0.290	.125	0*	13-158	L466440-26	WG486520
Acrylonitrile	mg/kg	0.0404	0	.125	32.3	20-154	L466440-26	WG486520
Benzene	mg/kg	0.00738	0	.025	29.5	16-143	L466440-26	WG486520
Bromobenzene	mg/kg	0.00458	0	.025	18.3	14-135	L466440-26	WG486520
Bromodichloromethane	mg/kg	0.00622	0	.025	24.9*	27-139	L466440-26	WG486520
Bromoform	mg/kg	0.00546	0	.025	21.8	21-144	L466440-26	WG486520

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Quality Assurance Report
Level II

L466440

July 06, 2010

Analyte	Units	MS Res	Matrix Spike Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Bromomethane	mg/kg	0.00834	0	.025	33.3	0-180	L466440-26	WG486520
Carbon tetrachloride	mg/kg	0.00634	0	.025	25.4	12-149	L466440-26	WG486520
Chlorobenzene	mg/kg	0.00519	0	.025	20.8	17-134	L466440-26	WG486520
Chlorodibromomethane	mg/kg	0.00588	0	.025	23.5*	28-147	L466440-26	WG486520
Chloroethane	mg/kg	0.00595	0	.025	23.8	0-172	L466440-26	WG486520
Chloroform	mg/kg	0.00693	0	.025	27.7*	28-138	L466440-26	WG486520
Chloromethane	mg/kg	0.00669	0	.025	26.8	10-158	L466440-26	WG486520
cis-1,2-Dichloroethene	mg/kg	0.00645	0	.025	25.8	21-147	L466440-26	WG486520
cis-1,3-Dichloropropene	mg/kg	0.00622	0	.025	24.9	17-145	L466440-26	WG486520
Di-isopropyl ether	mg/kg	0.00684	0	.025	27.4*	31-153	L466440-26	WG486520
Dibromomethane	mg/kg	0.00676	0	.025	27.0	24-147	L466440-26	WG486520
Dichlorodifluoromethane	mg/kg	0.00934	0	.025	37.4	0-192	L466440-26	WG486520
Ethylbenzene	mg/kg	0.00796	0	.025	31.8	12-137	L466440-26	WG486520
Hexachloro-1,3-butadiene	mg/kg	0.00356	0	.025	14.2	10-123	L466440-26	WG486520
Isopropylbenzene	mg/kg	0.00515	0	.025	20.6	14-134	L466440-26	WG486520
Methyl tert-butyl ether	mg/kg	0.00868	0	.025	34.7	21-157	L466440-26	WG486520
Methylene Chloride	mg/kg	0.00656	0	.025	26.2	12-149	L466440-26	WG486520
n-Butylbenzene	mg/kg	0.00367	0	.025	14.7	10-130	L466440-26	WG486520
n-Propylbenzene	mg/kg	0.00510	0	.025	20.4	10-130	L466440-26	WG486520
Naphthalene	mg/kg	0.00460	0	.025	18.4	0-146	L466440-26	WG486520
p-Isopropyltoluene	mg/kg	0.0109	0.0480	.025	0*	10-131	L466440-26	WG486520
sec-Butylbenzene	mg/kg	0.00438	0	.025	17.5	10-134	L466440-26	WG486520
Styrene	mg/kg	0.00500	0	.025	20.0	10-140	L466440-26	WG486520
tert-Butylbenzene	mg/kg	0.00462	0	.025	18.5	11-137	L466440-26	WG486520
Tetrachloroethene	mg/kg	0.00511	0	.025	20.4	10-131	L466440-26	WG486520
Toluene	mg/kg	0.0147	0	.025	58.8	12-136	L466440-26	WG486520
trans-1,2-Dichloroethene	mg/kg	0.00635	0	.025	25.4	10-143	L466440-26	WG486520
trans-1,3-Dichloropropene	mg/kg	0.00662	0	.025	26.5	16-147	L466440-26	WG486520
Trichloroethene	mg/kg	0.00610	0	.025	24.4	10-155	L466440-26	WG486520
Trichlorofluoromethane	mg/kg	0.00687	0	.025	27.5	10-154	L466440-26	WG486520
Vinyl chloride	mg/kg	0.00761	0	.025	30.4	10-159	L466440-26	WG486520
Xylenes, Total	mg/kg	0.0234	0	.075	31.2	10-138	L466440-26	WG486520
4-Bromofluorobenzene					98.93	59-140		WG486520
Dibromofluoromethane					100.7	63-139		WG486520
Toluene-d8					103.5	84-116		WG486520
1,2,4-Trichlorobenzene	mg/kg	0.271	0	.333	81.3	37-104	L466506-06	WG486220
2,4,6-Trichlorophenol	mg/kg	0.269	0	.333	80.7	27-128	L466506-06	WG486220
2,4-Dichlorophenol	mg/kg	0.279	0	.333	83.8	39-116	L466506-06	WG486220
2,4-Dimethylphenol	mg/kg	0.249	0	.333	74.9	50-119	L466506-06	WG486220
2,4-Dinitrophenol	mg/kg	0.0155	0	.333	4.64*	10-123	L466506-06	WG486220
2,4-Dinitrotoluene	mg/kg	0.309	0	.333	92.9	52-121	L466506-06	WG486220
2,6-Dinitrotoluene	mg/kg	0.296	0	.333	89.0	53-114	L466506-06	WG486220
2-Chloronaphthalene	mg/kg	0.291	0	.333	87.3	52-101	L466506-06	WG486220
2-Chlorophenol	mg/kg	0.254	0	.333	76.2	41-112	L466506-06	WG486220
2-Nitrophenol	mg/kg	0.326	0	.333	98.0	23-117	L466506-06	WG486220
3,3-Dichlorobenzidine	mg/kg	0.159	0	.333	47.7	10-133	L466506-06	WG486220
4,6-Dinitro-2-methylphenol	mg/kg	0.142	0	.333	42.6	10-124	L466506-06	WG486220
4-Bromophenyl-phenylether	mg/kg	0.323	0	.333	97.1	37-103	L466506-06	WG486220
4-Chloro-3-methylphenol	mg/kg	0.286	0	.333	85.8	52-119	L466506-06	WG486220
4-Chlorophenyl-phenylether	mg/kg	0.320	0	.333	96.1	53-105	L466506-06	WG486220
4-Nitrophenol	mg/kg	0.267	0	.333	80.2	15-140	L466506-06	WG486220
Acenaphthene	mg/kg	0.300	0	.333	89.9	52-102	L466506-06	WG486220
Acenaphthylene	mg/kg	0.307	0	.333	92.2	54-103	L466506-06	WG486220
Anthracene	mg/kg	0.289	0	.333	86.6	55-114	L466506-06	WG486220
Benzidine	mg/kg	0	0	.333	0	0-45	L466506-06	WG486220
Benzo(a)anthracene	mg/kg	0.255	0	.333	76.7	37-124	L466506-06	WG486220
Benzo(a)pyrene	mg/kg	0.244	0	.333	73.3	44-129	L466506-06	WG486220

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Quality Assurance Report
Level II

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July 06, 2010

Analyte	Units	MS Res	Matrix Spike Ref Res	TV	% Rec	Limit	Ref Samp	Batch
Benzo(b)fluoranthene	mg/kg	0.243	0	.333	73.0	28-135	L466506-06	WG486220
Benzo(g,h,i)perylene	mg/kg	0.189	0	.333	56.8	25-123	L466506-06	WG486220
Benzo(k)fluoranthene	mg/kg	0.250	0	.333	75.1	41-116	L466506-06	WG486220
Benzylbutyl phthalate	mg/kg	0.320	0	.333	96.1	45-143	L466506-06	WG486220
Bis(2-chlorethoxy)methane	mg/kg	0.345	0	.333	104.	48-108	L466506-06	WG486220
Bis(2-chloroethyl)ether	mg/kg	0.327	0	.333	98.2	36-115	L466506-06	WG486220
Bis(2-chloroisopropyl)ether	mg/kg	0.308	0	.333	92.6	44-109	L466506-06	WG486220
Bis(2-ethylhexyl)phthalate	mg/kg	0.304	0	.333	91.2	40-128	L466506-06	WG486220
Chrysene	mg/kg	0.256	0	.333	76.8	39-119	L466506-06	WG486220
Di-n-butyl phthalate	mg/kg	0.319	0	.333	95.9	49-121	L466506-06	WG486220
Di-n-octyl phthalate	mg/kg	0.302	0	.333	90.6	40-132	L466506-06	WG486220
Dibenz(a,h)anthracene	mg/kg	0.209	0	.333	62.6	29-123	L466506-06	WG486220
Diethyl phthalate	mg/kg	0.407	0.0860	.333	96.3	51-113	L466506-06	WG486220
Dimethyl phthalate	mg/kg	0.329	0	.333	98.7	54-108	L466506-06	WG486220
Fluoranthene	mg/kg	0.285	0	.333	85.5	23-143	L466506-06	WG486220
Fluorene	mg/kg	0.291	0	.333	87.4	53-107	L466506-06	WG486220
Hexachloro-1,3-butadiene	mg/kg	0.307	0	.333	92.2	39-113	L466506-06	WG486220
Hexachlorobenzene	mg/kg	0.285	0	.333	85.6	49-108	L466506-06	WG486220
Hexachlorocyclopentadiene	mg/kg	0.208	0	.333	62.4	10-131	L466506-06	WG486220
Hexachloroethane	mg/kg	0.251	0	.333	75.3	25-118	L466506-06	WG486220
Indeno(1,2,3-cd)pyrene	mg/kg	0.205	0	.333	61.6	28-125	L466506-06	WG486220
Isophorone	mg/kg	0.280	0	.333	83.9	51-115	L466506-06	WG486220
n-Nitrosodi-n-propylamine	mg/kg	0.302	0	.333	90.6	54-110	L466506-06	WG486220
n-Nitrosodimethylamine	mg/kg	0.242	0	.333	72.7	20-116	L466506-06	WG486220
n-Nitrosodiphenylamine	mg/kg	0.251	0	.333	75.4	54-138	L466506-06	WG486220
Naphthalene	mg/kg	0.283	0	.333	85.1	41-100	L466506-06	WG486220
Nitrobenzene	mg/kg	0.276	0	.333	83.0	40-102	L466506-06	WG486220
Pentachlorophenol	mg/kg	0.164	0	.333	49.2	10-146	L466506-06	WG486220
Phenanthrene	mg/kg	0.290	0	.333	87.0	37-125	L466506-06	WG486220
Phenol	mg/kg	0.241	0	.333	72.5	52-111	L466506-06	WG486220
Pyrene	mg/kg	0.266	0	.333	79.8	22-151	L466506-06	WG486220
2,4,6-Tribromophenol					88.68	25-137		WG486220
2-Fluorobiphenyl					90.87	30-120		WG486220
2-Fluorophenol					79.66	26-130		WG486220
Nitrobenzene-d5					86.87	18-119		WG486220
Phenol-d5					82.61	37-141		WG486220
p-Terphenyl-d14					93.57	23-143		WG486220
1,1,1,2-Tetrachloroethane	mg/kg	0.126	0	.025	101.	29-145	L465422-03	WG486633
1,1,1-Trichloroethane	mg/kg	0.105	0	.025	84.1	23-147	L465422-03	WG486633
1,1,2,2-Tetrachloroethane	mg/kg	0.113	0	.025	90.5	18-150	L465422-03	WG486633
1,1,2-Trichloroethane	mg/kg	0.122	0	.025	98.0	35-140	L465422-03	WG486633
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.106	0	.025	84.9	10-145	L465422-03	WG486633
1,1-Dichloroethane	mg/kg	0.104	0	.025	82.9	24-148	L465422-03	WG486633
1,1-Dichloroethene	mg/kg	0.107	0	.025	85.2	10-149	L465422-03	WG486633
1,1-Dichloropropene	mg/kg	0.106	0	.025	85.0	10-141	L465422-03	WG486633
1,2,3-Trichlorobenzene	mg/kg	0.118	0	.025	94.0	10-129	L465422-03	WG486633
1,2,3-Trichloropropane	mg/kg	0.118	0	.025	94.4	30-148	L465422-03	WG486633
1,2,4-Trichlorobenzene	mg/kg	0.121	0	.025	96.9	10-119	L465422-03	WG486633
1,2,4-Trimethylbenzene	mg/kg	0.122	0	.025	97.8	10-145	L465422-03	WG486633
1,2-Dibromo-3-Chloropropane	mg/kg	0.118	0	.025	94.7	19-145	L465422-03	WG486633
1,2-Dibromoethane	mg/kg	0.143	0	.025	114.	24-145	L465422-03	WG486633
1,2-Dichlorobenzene	mg/kg	0.112	0	.025	89.5	12-130	L465422-03	WG486633
1,2-Dichloroethane	mg/kg	0.101	0	.025	80.8	21-155	L465422-03	WG486633
1,2-Dichloropropane	mg/kg	0.104	0	.025	83.0	28-144	L465422-03	WG486633
1,3,5-Trimethylbenzene	mg/kg	0.124	0	.025	99.2	10-135	L465422-03	WG486633
1,3-Dichlorobenzene	mg/kg	0.122	0	.025	97.5	10-129	L465422-03	WG486633
1,3-Dichloropropane	mg/kg	0.159	0	.025	127.	31-137	L465422-03	WG486633

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Ty Colwell
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Quality Assurance Report
Level II

L466440

July 06, 2010

Analyte	Units	MS Res	Matrix Spike Ref Res	TV	% Rec	Limit	Ref Samp	Batch
1,4-Dichlorobenzene	mg/kg	0.112	0	.025	89.5	10-121	L465422-03	WG486633
2,2-Dichloropropane	mg/kg	0.106	0	.025	85.1	18-144	L465422-03	WG486633
2-Butanone (MEK)	mg/kg	0.524	0	.125	83.9	21-143	L465422-03	WG486633
2-Chloroethyl vinyl ether	mg/kg	0.532	0	.125	85.2	0-176	L465422-03	WG486633
2-Chlorotoluene	mg/kg	0.122	0	.025	98.0	10-132	L465422-03	WG486633
4-Chlorotoluene	mg/kg	0.121	0	.025	97.0	10-129	L465422-03	WG486633
4-Methyl-2-pentanone (MIBK)	mg/kg	0.563	0	.125	90.1	31-151	L465422-03	WG486633
Acetone	mg/kg	0.547	0	.125	87.5	13-158	L465422-03	WG486633
Acrylonitrile	mg/kg	0.532	0	.125	85.0	20-154	L465422-03	WG486633
Benzene	mg/kg	0.107	0	.025	85.2	16-143	L465422-03	WG486633
Bromobenzene	mg/kg	0.119	0	.025	95.3	14-135	L465422-03	WG486633
Bromodichloromethane	mg/kg	0.103	0	.025	82.8	27-139	L465422-03	WG486633
Bromoform	mg/kg	0.129	0	.025	103.	21-144	L465422-03	WG486633
Bromomethane	mg/kg	0.115	0	.025	92.0	0-180	L465422-03	WG486633
Carbon tetrachloride	mg/kg	0.102	0	.025	81.4	12-149	L465422-03	WG486633
Chlorobenzene	mg/kg	0.133	0	.025	106.	17-134	L465422-03	WG486633
Chlorodibromomethane	mg/kg	0.134	0	.025	107.	28-147	L465422-03	WG486633
Chloroethane	mg/kg	0.156	0	.025	125.	0-172	L465422-03	WG486633
Chloroform	mg/kg	0.103	0	.025	82.0	28-138	L465422-03	WG486633
Chloromethane	mg/kg	0.109	0	.025	87.1	10-158	L465422-03	WG486633
cis-1,2-Dichloroethene	mg/kg	0.106	0	.025	85.1	21-147	L465422-03	WG486633
cis-1,3-Dichloropropene	mg/kg	0.109	0	.025	87.0	17-145	L465422-03	WG486633
Di-isopropyl ether	mg/kg	0.111	0	.025	88.5	31-153	L465422-03	WG486633
Dibromomethane	mg/kg	0.103	0	.025	82.2	24-147	L465422-03	WG486633
Dichlorodifluoromethane	mg/kg	0.107	0	.025	85.9	0-192	L465422-03	WG486633
Ethylbenzene	mg/kg	0.137	0	.025	109.	12-137	L465422-03	WG486633
Hexachloro-1,3-butadiene	mg/kg	0.112	0	.025	89.6	10-123	L465422-03	WG486633
Isopropylbenzene	mg/kg	0.129	0	.025	103.	14-134	L465422-03	WG486633
Methyl tert-butyl ether	mg/kg	0.108	0	.025	86.0	21-157	L465422-03	WG486633
Methylene Chloride	mg/kg	0.113	0	.025	90.0	12-149	L465422-03	WG486633
n-Butylbenzene	mg/kg	0.120	0	.025	95.7	10-130	L465422-03	WG486633
n-Propylbenzene	mg/kg	0.126	0	.025	101.	10-130	L465422-03	WG486633
Naphthalene	mg/kg	0.122	0	.025	97.6	0-146	L465422-03	WG486633
p-Isopropyltoluene	mg/kg	0.129	0	.025	103.	10-131	L465422-03	WG486633
sec-Butylbenzene	mg/kg	0.128	0	.025	102.	10-134	L465422-03	WG486633
Styrene	mg/kg	0.127	0	.025	102.	10-140	L465422-03	WG486633
tert-Butylbenzene	mg/kg	0.128	0	.025	103.	11-137	L465422-03	WG486633
Tetrachloroethene	mg/kg	0.115	0	.025	91.9	10-131	L465422-03	WG486633
Toluene	mg/kg	0.107	0	.025	85.4	12-136	L465422-03	WG486633
trans-1,2-Dichloroethene	mg/kg	0.106	0	.025	84.7	10-143	L465422-03	WG486633
trans-1,3-Dichloropropene	mg/kg	0.112	0	.025	89.3	16-147	L465422-03	WG486633
Trichloroethene	mg/kg	0.109	0	.025	87.0	10-155	L465422-03	WG486633
Trichlorofluoromethane	mg/kg	0.121	0	.025	96.7	10-154	L465422-03	WG486633
Vinyl chloride	mg/kg	0.0934	0	.025	74.7	10-159	L465422-03	WG486633
Xylenes, Total	mg/kg	0.392	0	.075	104.	10-138	L465422-03	WG486633
4-Bromofluorobenzene					100.9	59-140		WG486633
Dibromofluoromethane					94.72	63-139		WG486633
Toluene-d8					96.37	84-116		WG486633

Analyte	Units	MSD	Matrix Spike Duplicate Ref	%Rec	Limit	RPD	Limit	Ref Samp	Batch
TPH (GC/FID) High Fraction	ppm	42.1	44.1	70.2	50-150	4.50	25	L466255-01	WG485900
o-Terphenyl				76.66	50-150				WG485900
TPH (GC/FID) High Fraction	ppm	35.9	37.2	59.9	50-150	3.42	25	L466255-04	WG486141
o-Terphenyl				67.54	50-150				WG486141

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Quality Assurance Report
Level II

L466440

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Analyte	Units	MSD	Matrix Spike Ref	Duplicate %Rec	Limit	RPD	Limit	Ref Samp	Batch
TPH (GC/FID) High Fraction	ppm	41.0	42.4	68.3	50-150	3.42	20	L466735-15	WG486360
o-Terphenyl				76.27	50-150				WG486360
PCB 1016	mg/kg	0.168	0.160	101.	70-130	5.21	25	L466244-20	WG485669
PCB 1260	mg/kg	0.184	0.180	110.	10-197	2.01	39	L466244-20	WG485669
Decachlorobiphenyl				103.8	18.9-115.8				WG485669
Tetrachloro-m-xylene				100.6	31.8-115.7				WG485669
TPH (GC/FID) Low Fraction	mg/kg	24.5	24.6	89.2	55-109	0.220	20	L466505-01	WG486273
a,a,a-Trifluorotoluene(FID)				93.86	59-128				WG486273
TPH (GC/FID) Low Fraction	mg/kg	166.	162.	73.6	55-109	2.15	20	L466440-07	WG486470
a,a,a-Trifluorotoluene(FID)				91.14	59-128				WG486470
TPH (GC/FID) Low Fraction	mg/kg	258.	251.	93.8	55-109	2.80	20	L466440-16	WG486473
a,a,a-Trifluorotoluene(FID)				95.29	59-128				WG486473
Chromium	mg/kg	58.0	58.0	94.0	75-125	0	20	L466306-04	WG486131
Lead	mg/kg	55.0	55.9	82.0	75-125	1.62	20	L466306-04	WG486131
1,1,1,2-Tetrachloroethane	mg/kg	0.0141	0.00980	56.3	29-145	35.8*	31	L466440-01	WG486518
1,1,1-Trichloroethane	mg/kg	0.0155	0.0101	62.2	23-147	42.5*	32	L466440-01	WG486518
1,1,2,2-Tetrachloroethane	mg/kg	0.0158	0.00964	63.1	18-150	48.4*	33	L466440-01	WG486518
1,1,2-Trichloroethane	mg/kg	0.0187	0.0140	74.8	35-140	28.8	29	L466440-01	WG486518
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0134	0.0102	53.4	10-145	26.4	35	L466440-01	WG486518
1,1-Dichloroethane	mg/kg	0.0179	0.0137	71.4	24-148	26.0	31	L466440-01	WG486518
1,1-Dichloroethene	mg/kg	0.0175	0.0136	69.8	10-149	25.0	34	L466440-01	WG486518
1,1-Dichloropropene	mg/kg	0.0140	0.00917	55.9	10-141	41.6*	34	L466440-01	WG486518
1,2,3-Trichlorobenzene	mg/kg	0.00545	0.00405	21.8	10-129	29.6	43	L466440-01	WG486518
1,2,3-Trichloropropane	mg/kg	0.0149	0.00917	59.6	30-148	47.7*	32	L466440-01	WG486518
1,2,4-Trichlorobenzene	mg/kg	0.00581	0.00460	23.2	10-119	23.2	44	L466440-01	WG486518
1,2,4-Trimethylbenzene	mg/kg	0.00933	0.00597	37.3	10-145	43.9*	41	L466440-01	WG486518
1,2-Dibromo-3-Chloropropane	mg/kg	0.0107	0.00609	42.7	19-145	54.7*	35	L466440-01	WG486518
1,2-Dibromoethane	mg/kg	0.0172	0.0122	68.9	24-145	33.9*	31	L466440-01	WG486518
1,2-Dichlorobenzene	mg/kg	0.00901	0.00670	36.0	12-130	29.5	35	L466440-01	WG486518
1,2-Dichloroethane	mg/kg	0.0183	0.0125	73.3	21-155	37.6*	29	L466440-01	WG486518
1,2-Dichloropropane	mg/kg	0.0173	0.0127	69.0	28-144	30.1*	30	L466440-01	WG486518
1,3,5-Trimethylbenzene	mg/kg	0.00905	0.00592	36.2	10-135	41.7*	39	L466440-01	WG486518
1,3-Dichlorobenzene	mg/kg	0.00882	0.00587	35.3	10-129	40.2*	38	L466440-01	WG486518
1,3-Dichloropropane	mg/kg	0.0178	0.0129	71.3	31-137	32.1*	29	L466440-01	WG486518
1,4-Dichlorobenzene	mg/kg	0.00893	0.00641	35.7	10-121	33.0	36	L466440-01	WG486518
2,2-Dichloropropane	mg/kg	0.0158	0.0118	63.2	18-144	28.6	32	L466440-01	WG486518
2-Butanone (MEK)	mg/kg	0.0939	0.0524	75.1	21-143	56.7*	37	L466440-01	WG486518
2-Chloroethyl vinyl ether	mg/kg	0.0985	0.0671	78.8	0-176	37.9	50	L466440-01	WG486518
2-Chlorotoluene	mg/kg	0.0102	0.00652	40.9	10-132	44.2*	37	L466440-01	WG486518
4-Chlorotoluene	mg/kg	0.00962	0.00638	38.5	10-129	40.5*	38	L466440-01	WG486518
4-Methyl-2-pentanone (MIBK)	mg/kg	0.105	0.0618	84.0	31-151	51.7*	36	L466440-01	WG486518
Acetone	mg/kg	0.109	0.0700	16.4	13-158	43.1*	34	L466440-01	WG486518
Acrylonitrile	mg/kg	0.104	0.0705	83.4	20-154	38.7*	35	L466440-01	WG486518
Benzene	mg/kg	0.0161	0.0113	64.6	16-143	35.6*	31	L466440-01	WG486518
Bromobenzene	mg/kg	0.0108	0.00722	43.3	14-135	40.0*	39	L466440-01	WG486518
Bromodichloromethane	mg/kg	0.0173	0.0118	69.3	27-139	37.8*	30	L466440-01	WG486518

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Analyte	Units	Matrix Spike MSD	Ref	Duplicate %Rec	Limit	RPD	Limit	Ref Samp	Batch
Bromoform	mg/kg	0.0120	0.00813	48.1	21-144	38.6*	34	L466440-01	WG486518
Bromomethane	mg/kg	0.0232	0.0206	92.9	0-180	11.9	41	L466440-01	WG486518
Carbon tetrachloride	mg/kg	0.0128	0.00906	51.2	12-149	34.2*	34	L466440-01	WG486518
Chlorobenzene	mg/kg	0.0130	0.00896	51.8	17-134	36.5*	34	L466440-01	WG486518
Chlorodibromomethane	mg/kg	0.0140	0.00852	55.8	28-147	48.4*	32	L466440-01	WG486518
Chloroethane	mg/kg	0.0216	0.0170	86.4	0-172	23.7	38	L466440-01	WG486518
Chloroform	mg/kg	0.0175	0.0126	70.0	28-138	32.6*	30	L466440-01	WG486518
Chloromethane	mg/kg	0.0186	0.0167	74.5	10-158	10.9	35	L466440-01	WG486518
cis-1,2-Dichloroethene	mg/kg	0.0174	0.0129	69.4	21-147	29.2	31	L466440-01	WG486518
cis-1,3-Dichloropropene	mg/kg	0.0167	0.0118	66.7	17-145	34.1*	32	L466440-01	WG486518
Di-isopropyl ether	mg/kg	0.0204	0.0157	81.7	31-153	26.1	29	L466440-01	WG486518
Dibromomethane	mg/kg	0.0189	0.0130	75.7	24-147	36.8*	30	L466440-01	WG486518
Dichlorodifluoromethane	mg/kg	0.0216	0.0174	86.2	0-192	21.3	38	L466440-01	WG486518
Ethylbenzene	mg/kg	0.0122	0.00860	48.8	12-137	34.6	36	L466440-01	WG486518
Hexachloro-1,3-butadiene	mg/kg	0.00439	0.00349	17.6	10-123	22.9	50	L466440-01	WG486518
Isopropylbenzene	mg/kg	0.0101	0.00662	40.4	14-134	41.5*	37	L466440-01	WG486518
Methyl tert-butyl ether	mg/kg	0.0208	0.0152	83.1	21-157	30.8	31	L466440-01	WG486518
Methylene Chloride	mg/kg	0.0174	0.0149	69.6	12-149	15.4	31	L466440-01	WG486518
n-Butylbenzene	mg/kg	0.00750	0.00540	30.0	10-130	32.6	48	L466440-01	WG486518
n-Propylbenzene	mg/kg	0.00915	0.00585	36.6	10-130	44.0*	40	L466440-01	WG486518
Naphthalene	mg/kg	0.00702	0.00541	28.1	0-146	26.0	43	L466440-01	WG486518
p-Isopropyltoluene	mg/kg	0.00788	0.00518	31.5	10-131	41.4	43	L466440-01	WG486518
sec-Butylbenzene	mg/kg	0.00754	0.00527	30.2	10-134	35.4	43	L466440-01	WG486518
Styrene	mg/kg	0.0124	0.00815	49.6	10-140	41.2*	35	L466440-01	WG486518
tert-Butylbenzene	mg/kg	0.00890	0.00585	35.6	11-137	41.4*	39	L466440-01	WG486518
Tetrachloroethene	mg/kg	0.0107	0.00710	42.6	10-131	40.0*	35	L466440-01	WG486518
Toluene	mg/kg	0.0136	0.00896	54.3	12-136	41.0*	32	L466440-01	WG486518
trans-1,2-Dichloroethene	mg/kg	0.0169	0.0133	67.6	10-143	24.1	33	L466440-01	WG486518
trans-1,3-Dichloropropene	mg/kg	0.0151	0.00936	60.3	16-147	46.9*	32	L466440-01	WG486518
Trichloroethene	mg/kg	0.0147	0.0105	58.7	10-155	32.8	33	L466440-01	WG486518
Trichlorofluoromethane	mg/kg	0.0155	0.0115	62.0	10-154	29.7	32	L466440-01	WG486518
Vinyl chloride	mg/kg	0.0180	0.0155	71.8	10-159	14.8	36	L466440-01	WG486518
Xylenes, Total	mg/kg	0.0353	0.0238	47.0	10-138	38.7*	36	L466440-01	WG486518
4-Bromofluorobenzene				100.1	59-140				WG486518
Dibromofluoromethane				100.5	63-139				WG486518
Toluene-d8				97.11	84-116				WG486518
1,1,1,2-Tetrachloroethane	mg/kg	0.0214	0.0210	85.6	29-145	1.81	31	L466440-11	WG486519
1,1,1-Trichloroethane	mg/kg	0.0216	0.0204	86.5	23-147	5.62	32	L466440-11	WG486519
1,1,2,2-Tetrachloroethane	mg/kg	0.0224	0.0211	89.8	18-150	6.08	33	L466440-11	WG486519
1,1,2-Trichloroethane	mg/kg	0.0233	0.0232	93.2	35-140	0.260	29	L466440-11	WG486519
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0197	0.0181	78.7	10-145	8.23	35	L466440-11	WG486519
1,1-Dichloroethane	mg/kg	0.0226	0.0223	90.3	24-148	1.31	31	L466440-11	WG486519
1,1-Dichloroethene	mg/kg	0.0223	0.0218	89.3	10-149	2.45	34	L466440-11	WG486519
1,1-Dichloropropene	mg/kg	0.0208	0.0194	83.1	10-141	6.71	34	L466440-11	WG486519
1,2,3-Trichlorobenzene	mg/kg	0.0112	0.00799	44.7	10-129	33.2	43	L466440-11	WG486519
1,2,3-Trichloropropane	mg/kg	0.0217	0.0194	86.7	30-148	10.9	32	L466440-11	WG486519
1,2,4-Trichlorobenzene	mg/kg	0.0113	0.00908	45.2	10-119	21.7	44	L466440-11	WG486519
1,2,4-Trimethylbenzene	mg/kg	0.0150	0.0123	60.1	10-145	19.7	41	L466440-11	WG486519
1,2-Dibromo-3-Chloropropane	mg/kg	0.0164	0.0167	65.5	19-145	1.98	35	L466440-11	WG486519
1,2-Dibromoethane	mg/kg	0.0224	0.0219	89.8	24-145	2.43	31	L466440-11	WG486519
1,2-Dichlorobenzene	mg/kg	0.0180	0.0149	72.1	12-130	19.1	35	L466440-11	WG486519
1,2-Dichloroethane	mg/kg	0.0227	0.0218	90.7	21-155	4.04	29	L466440-11	WG486519
1,2-Dichloropropane	mg/kg	0.0227	0.0224	90.6	28-144	1.25	30	L466440-11	WG486519
1,3,5-Trimethylbenzene	mg/kg	0.0148	0.0126	59.3	10-135	16.3	39	L466440-11	WG486519
1,3-Dichlorobenzene	mg/kg	0.0164	0.0136	65.8	10-129	19.3	38	L466440-11	WG486519
1,3-Dichloropropane	mg/kg	0.0218	0.0219	87.4	31-137	0.0300	29	L466440-11	WG486519
1,4-Dichlorobenzene	mg/kg	0.0169	0.0150	67.8	10-121	12.4	36	L466440-11	WG486519

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Quality Assurance Report
Level II

L466440

July 06, 2010

Analyte	Units	Matrix Spike MSD	Ref	%Rec	Duplicate Limit	RPD	Limit	Ref Samp	Batch
2,2-Dichloropropane	mg/kg	0.0221	0.0209	88.4	18-144	5.59	32	L466440-11	WG486519
2-Butanone (MEK)	mg/kg	0.0980	0.0977	78.4	21-143	0.240	37	L466440-11	WG486519
2-Chloroethyl vinyl ether	mg/kg	0.120	0.115	95.7	0-176	3.65	50	L466440-11	WG486519
2-Chlorotoluene	mg/kg	0.0167	0.0143	66.7	10-132	15.6	37	L466440-11	WG486519
4-Chlorotoluene	mg/kg	0.0168	0.0147	67.3	10-129	13.5	38	L466440-11	WG486519
4-Methyl-2-pentanone (MIBK)	mg/kg	0.112	0.110	89.4	31-151	1.92	36	L466440-11	WG486519
Acetone	mg/kg	0.111	0.109	88.8	13-158	1.74	34	L466440-11	WG486519
Acrylonitrile	mg/kg	0.108	0.110	86.2	20-154	1.99	35	L466440-11	WG486519
Benzene	mg/kg	0.0220	0.0209	88.0	16-143	4.88	31	L466440-11	WG486519
Bromobenzene	mg/kg	0.0183	0.0160	73.3	14-135	13.4	39	L466440-11	WG486519
Bromodichloromethane	mg/kg	0.0237	0.0224	94.9	27-139	5.72	30	L466440-11	WG486519
Bromoform	mg/kg	0.0192	0.0177	76.9	21-144	8.28	34	L466440-11	WG486519
Bromomethane	mg/kg	0.0268	0.0279	107.	0-180	4.05	41	L466440-11	WG486519
Carbon tetrachloride	mg/kg	0.0214	0.0188	85.4	12-149	12.9	34	L466440-11	WG486519
Chlorobenzene	mg/kg	0.0195	0.0188	78.2	17-134	4.02	34	L466440-11	WG486519
Chlorodibromomethane	mg/kg	0.0199	0.0201	79.8	28-147	0.810	32	L466440-11	WG486519
Chloroethane	mg/kg	0.0250	0.0264	100.	0-172	5.41	38	L466440-11	WG486519
Chloroform	mg/kg	0.0228	0.0216	91.1	28-138	5.13	30	L466440-11	WG486519
Chloromethane	mg/kg	0.0212	0.0206	84.7	10-158	2.91	35	L466440-11	WG486519
cis-1,2-Dichloroethene	mg/kg	0.0216	0.0224	86.3	21-147	3.82	31	L466440-11	WG486519
cis-1,3-Dichloropropene	mg/kg	0.0234	0.0219	93.6	17-145	6.55	32	L466440-11	WG486519
Di-isopropyl ether	mg/kg	0.0235	0.0229	94.1	31-153	2.49	29	L466440-11	WG486519
Dibromomethane	mg/kg	0.0239	0.0238	95.8	24-147	0.450	30	L466440-11	WG486519
Dichlorodifluoromethane	mg/kg	0.0261	0.0253	104.	0-192	3.16	38	L466440-11	WG486519
Ethylbenzene	mg/kg	0.0196	0.0175	78.5	12-137	11.4	36	L466440-11	WG486519
Hexachloro-1,3-butadiene	mg/kg	0.00644	0.00489	25.8	10-123	27.3	50	L466440-11	WG486519
Isopropylbenzene	mg/kg	0.0158	0.0136	63.3	14-134	14.9	37	L466440-11	WG486519
Methyl tert-butyl ether	mg/kg	0.0230	0.0227	91.9	21-157	1.23	31	L466440-11	WG486519
Methylene Chloride	mg/kg	0.0217	0.0216	86.8	12-149	0.390	31	L466440-11	WG486519
n-Butylbenzene	mg/kg	0.0119	0.00980	47.8	10-130	19.7	48	L466440-11	WG486519
n-Propylbenzene	mg/kg	0.0143	0.0123	57.1	10-130	14.6	40	L466440-11	WG486519
Naphthalene	mg/kg	0.0144	0.0116	57.6	0-146	21.9	43	L466440-11	WG486519
p-Isopropyltoluene	mg/kg	0.0127	0.0103	50.8	10-131	21.2	43	L466440-11	WG486519
sec-Butylbenzene	mg/kg	0.0119	0.0103	47.4	10-134	14.4	43	L466440-11	WG486519
Styrene	mg/kg	0.0206	0.0184	82.4	10-140	11.5	35	L466440-11	WG486519
tert-Butylbenzene	mg/kg	0.0143	0.0117	57.2	11-137	20.0	39	L466440-11	WG486519
Tetrachloroethene	mg/kg	0.0167	0.0143	66.8	10-131	15.4	35	L466440-11	WG486519
Toluene	mg/kg	0.0204	0.0181	81.4	12-136	11.8	32	L466440-11	WG486519
trans-1,2-Dichloroethene	mg/kg	0.0215	0.0212	86.0	10-143	1.31	33	L466440-11	WG486519
trans-1,3-Dichloropropene	mg/kg	0.0224	0.0213	89.6	16-147	5.20	32	L466440-11	WG486519
Trichloroethene	mg/kg	0.0219	0.0204	87.6	10-155	7.00	33	L466440-11	WG486519
Trichlorofluoromethane	mg/kg	0.0200	0.0194	79.8	10-154	3.01	32	L466440-11	WG486519
Vinyl chloride	mg/kg	0.0210	0.0208	84.1	10-159	1.02	36	L466440-11	WG486519
Xylenes, Total	mg/kg	0.0551	0.0493	73.5	10-138	11.0	36	L466440-11	WG486519
4-Bromofluorobenzene				95.28	59-140				WG486519
Dibromofluoromethane				95.50	63-139				WG486519
Toluene-d8				98.09	84-116				WG486519
TPH (GC/FID) Low Fraction	mg/kg	4.28	4.61	77.9	55-109	7.27	20	L466345-01	WG486494
a,a,a-Trifluorotoluene(FID)				106.3	59-128				WG486494
1,1,1,2-Tetrachloroethane	mg/kg	0.0190	0.00601	76.0	29-145	104.*	31	L466440-26	WG486520
1,1,1-Trichloroethane	mg/kg	0.0198	0.00696	79.2	23-147	96.0*	32	L466440-26	WG486520
1,1,2,2-Tetrachloroethane	mg/kg	0.0217	0.00591	86.8	18-150	114.*	33	L466440-26	WG486520
1,1,2-Trichloroethane	mg/kg	0.0211	0.00653	84.5	35-140	106.*	29	L466440-26	WG486520
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.0187	0.00731	74.8	10-145	87.6*	35	L466440-26	WG486520
1,1-Dichloroethane	mg/kg	0.0180	0.00652	72.0	24-148	93.6*	31	L466440-26	WG486520

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Level II

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July 06, 2010

Analyte	Units	Matrix Spike MSD	Ref	Duplicate %Rec	Limit	RPD	Limit	Ref Samp	Batch
1,1-Dichloroethene	mg/kg	0.0172	0.00650	68.8	10-149	90.2*	34	L466440-26	WG486520
1,1-Dichloropropene	mg/kg	0.0185	0.00547	73.8	10-141	109.*	34	L466440-26	WG486520
1,2,3-Trichlorobenzene	mg/kg	0.0117	0.00323	46.6	10-129	113.*	43	L466440-26	WG486520
1,2,3-Trichloropropane	mg/kg	0.0234	0.00641	93.5	30-148	114.*	32	L466440-26	WG486520
1,2,4-Trichlorobenzene	mg/kg	0.0121	0.00328	48.6	10-119	115.*	44	L466440-26	WG486520
1,2,4-Trimethylbenzene	mg/kg	0.0209	0.00766	83.4	10-145	92.5*	41	L466440-26	WG486520
1,2-Dibromo-3-Chloropropane	mg/kg	0.0246	0.00590	98.6	19-145	123.*	35	L466440-26	WG486520
1,2-Dibromoethane	mg/kg	0.0200	0.00707	80.0	24-145	95.6*	31	L466440-26	WG486520
1,2-Dichlorobenzene	mg/kg	0.0162	0.00406	64.8	12-130	120.*	35	L466440-26	WG486520
1,2-Dichloroethane	mg/kg	0.0216	0.00723	86.4	21-155	99.7*	29	L466440-26	WG486520
1,2-Dichloropropane	mg/kg	0.0190	0.00591	76.0	28-144	105.*	30	L466440-26	WG486520
1,3,5-Trimethylbenzene	mg/kg	0.0182	0.00541	73.0	10-135	109.*	39	L466440-26	WG486520
1,3-Dichlorobenzene	mg/kg	0.0138	0.00399	55.3	10-129	110.*	38	L466440-26	WG486520
1,3-Dichloropropane	mg/kg	0.0203	0.00671	81.3	31-137	101.*	29	L466440-26	WG486520
1,4-Dichlorobenzene	mg/kg	0.0142	0.00426	56.9	10-121	108.*	36	L466440-26	WG486520
2,2-Dichloropropane	mg/kg	0.0199	0.00767	79.4	18-144	88.6*	32	L466440-26	WG486520
2-Butanone (MEK)	mg/kg	0.137	0.0620	75.9	21-143	75.3*	37	L466440-26	WG486520
2-Chloroethyl vinyl ether	mg/kg	0.0943	0.0305	75.4	0-176	102.*	50	L466440-26	WG486520
2-Chlorotoluene	mg/kg	0.0161	0.00413	64.4	10-132	118.*	37	L466440-26	WG486520
4-Chlorotoluene	mg/kg	0.0166	0.00433	66.2	10-129	117.*	38	L466440-26	WG486520
4-Methyl-2-pentanone (MIBK)	mg/kg	0.116	0.0464	92.8	31-151	85.6*	36	L466440-26	WG486520
Acetone	mg/kg	0.264	0.196	0*	13-158	29.6	34	L466440-26	WG486520
Acrylonitrile	mg/kg	0.109	0.0404	86.9	20-154	91.6*	35	L466440-26	WG486520
Benzene	mg/kg	0.0191	0.00738	76.4	16-143	88.5*	31	L466440-26	WG486520
Bromobenzene	mg/kg	0.0176	0.00458	70.2	14-135	117.*	39	L466440-26	WG486520
Bromodichloromethane	mg/kg	0.0207	0.00622	82.7	27-139	108.*	30	L466440-26	WG486520
Bromoform	mg/kg	0.0209	0.00546	83.6	21-144	117.*	34	L466440-26	WG486520
Bromomethane	mg/kg	0.0186	0.00834	74.6	0-180	76.4*	41	L466440-26	WG486520
Carbon tetrachloride	mg/kg	0.0189	0.00634	75.4	12-149	99.4*	34	L466440-26	WG486520
Chlorobenzene	mg/kg	0.0170	0.00519	68.0	17-134	106.*	34	L466440-26	WG486520
Chlorodibromomethane	mg/kg	0.0193	0.00588	77.3	28-147	107.*	32	L466440-26	WG486520
Chloroethane	mg/kg	0.0146	0.00595	58.3	0-172	84.1*	38	L466440-26	WG486520
Chloroform	mg/kg	0.0202	0.00693	80.8	28-138	97.9*	30	L466440-26	WG486520
Chloromethane	mg/kg	0.0157	0.00669	63.0	10-158	80.7*	35	L466440-26	WG486520
cis-1,2-Dichloroethene	mg/kg	0.0187	0.00645	74.8	21-147	97.4*	31	L466440-26	WG486520
cis-1,3-Dichloropropene	mg/kg	0.0176	0.00622	70.4	17-145	95.6*	32	L466440-26	WG486520
Di-isopropyl ether	mg/kg	0.0186	0.00684	74.4	31-153	92.4*	29	L466440-26	WG486520
Dibromomethane	mg/kg	0.0211	0.00676	84.2	24-147	103.*	30	L466440-26	WG486520
Dichlorodifluoromethane	mg/kg	0.0208	0.00934	83.0	0-192	75.9*	38	L466440-26	WG486520
Ethylbenzene	mg/kg	0.0205	0.00796	82.1	12-137	88.2*	36	L466440-26	WG486520
Hexachloro-1,3-butadiene	mg/kg	0.0143	0.00356	57.3	10-123	120.*	50	L466440-26	WG486520
Isopropylbenzene	mg/kg	0.0192	0.00515	76.7	14-134	115.*	37	L466440-26	WG486520
Methyl tert-butyl ether	mg/kg	0.0220	0.00868	88.0	21-157	86.9*	31	L466440-26	WG486520
Methylene Chloride	mg/kg	0.0175	0.00656	70.0	12-149	90.9*	31	L466440-26	WG486520
n-Butylbenzene	mg/kg	0.0154	0.00367	61.7	10-130	123.*	48	L466440-26	WG486520
n-Propylbenzene	mg/kg	0.0182	0.00510	72.9	10-130	113.*	40	L466440-26	WG486520
Naphthalene	mg/kg	0.0144	0.00460	57.6	0-146	103.*	43	L466440-26	WG486520
p-Isopropyltoluene	mg/kg	0.0397	0.0109	0*	10-131	114.*	43	L466440-26	WG486520
sec-Butylbenzene	mg/kg	0.0174	0.00438	69.7	10-134	120.*	43	L466440-26	WG486520
Styrene	mg/kg	0.0181	0.00500	72.4	10-140	113.*	35	L466440-26	WG486520
tert-Butylbenzene	mg/kg	0.0177	0.00462	70.9	11-137	117.*	39	L466440-26	WG486520
Tetrachloroethene	mg/kg	0.0176	0.00511	70.4	10-131	110.*	35	L466440-26	WG486520
Toluene	mg/kg	0.0258	0.0147	103.	12-136	54.6*	32	L466440-26	WG486520
trans-1,2-Dichloroethene	mg/kg	0.0171	0.00635	68.2	10-143	91.5*	33	L466440-26	WG486520
trans-1,3-Dichloropropene	mg/kg	0.0200	0.00662	80.1	16-147	101.*	32	L466440-26	WG486520
Trichloroethene	mg/kg	0.0190	0.00610	76.2	10-155	103.*	33	L466440-26	WG486520
Trichlorofluoromethane	mg/kg	0.0169	0.00687	67.8	10-154	84.6*	32	L466440-26	WG486520
Vinyl chloride	mg/kg	0.0179	0.00761	71.7	10-159	80.9*	36	L466440-26	WG486520
Xylenes, Total	mg/kg	0.0647	0.0234	86.3	10-138	93.8*	36	L466440-26	WG486520

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Quality Assurance Report
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July 06, 2010

Analyte	Units	MSD	Matrix Spike Ref	Duplicate %Rec	Limit	RPD	Limit	Ref Samp	Batch
4-Bromofluorobenzene				108.6	59-140				
Dibromofluoromethane				103.2	63-139				
Toluene-d8				92.14	84-116				
1,2,4-Trichlorobenzene	mg/kg	0.232	0.271	69.5	37-104	15.6	26	L466506-06	WG486220
2,4,6-Trichlorophenol	mg/kg	0.244	0.269	73.2	27-128	9.79	31	L466506-06	WG486220
2,4-Dichlorophenol	mg/kg	0.242	0.279	72.7	39-116	14.3	23	L466506-06	WG486220
2,4-Dimethylphenol	mg/kg	0.237	0.249	71.0	50-119	5.25	27	L466506-06	WG486220
2,4-Dinitrophenol	mg/kg	0.0184	0.0155	5.53*	10-123	17.5	42	L466506-06	WG486220
2,4-Dinitrotoluene	mg/kg	0.253	0.309	75.9	52-121	20.1	23	L466506-06	WG486220
2,6-Dinitrotoluene	mg/kg	0.252	0.296	75.6	53-114	16.3	22	L466506-06	WG486220
2-Chloronaphthalene	mg/kg	0.239	0.291	71.9	52-101	19.4	20	L466506-06	WG486220
2-Chlorophenol	mg/kg	0.229	0.254	68.8	41-112	10.2	27	L466506-06	WG486220
2-Nitrophenol	mg/kg	0.275	0.326	82.6	23-117	17.0	31	L466506-06	WG486220
3,3-Dichlorobenzidine	mg/kg	0.147	0.159	44.2	10-133	7.71	41	L466506-06	WG486220
4,6-Dinitro-2-methylphenol	mg/kg	0.120	0.142	36.0	10-124	16.6	38	L466506-06	WG486220
4-Bromophenyl-phenylether	mg/kg	0.275	0.323	82.6	37-103	16.2	23	L466506-06	WG486220
4-Chloro-3-methylphenol	mg/kg	0.246	0.286	73.9	52-119	15.0	24	L466506-06	WG486220
4-Chlorophenyl-phenylether	mg/kg	0.267	0.320	80.3	53-105	17.9	20	L466506-06	WG486220
4-Nitrophenol	mg/kg	0.231	0.267	69.2	15-140	14.6	40	L466506-06	WG486220
Acenaphthene	mg/kg	0.247	0.300	74.1	52-102	19.3	23	L466506-06	WG486220
Acenaphthylene	mg/kg	0.250	0.307	75.1	54-103	20.5	22	L466506-06	WG486220
Anthracene	mg/kg	0.245	0.289	73.6	55-114	16.3	21	L466506-06	WG486220
Benzidine	mg/kg	0	0	0.00	0-45	0	50	L466506-06	WG486220
Benzo(a)anthracene	mg/kg	0.216	0.255	65.0	37-124	16.5	33	L466506-06	WG486220
Benzo(a)pyrene	mg/kg	0.196	0.244	58.8	44-129	22.0	27	L466506-06	WG486220
Benzo(b)fluoranthene	mg/kg	0.206	0.243	62.0	28-135	16.3	33	L466506-06	WG486220
Benzo(g,h,i)perylene	mg/kg	0.148	0.189	44.4	25-123	24.4	35	L466506-06	WG486220
Benzo(k)fluoranthene	mg/kg	0.205	0.250	61.4	41-116	20.0	34	L466506-06	WG486220
Benzylbutyl phthalate	mg/kg	0.271	0.320	81.4	45-143	16.6	39	L466506-06	WG486220
Bis(2-chlorethoxy)methane	mg/kg	0.285	0.345	85.7	48-108	19.1	23	L466506-06	WG486220
Bis(2-chloroethyl)ether	mg/kg	0.270	0.327	81.2	36-115	18.9	30	L466506-06	WG486220
Bis(2-chloroisopropyl)ether	mg/kg	0.281	0.308	84.5	44-109	9.19	27	L466506-06	WG486220
Bis(2-ethylhexyl)phthalate	mg/kg	0.243	0.304	73.1	40-128	22.0	34	L466506-06	WG486220
Chrysene	mg/kg	0.208	0.256	62.5	39-119	20.4	31	L466506-06	WG486220
Di-n-butyl phthalate	mg/kg	0.277	0.319	83.1	49-121	14.2	22	L466506-06	WG486220
Di-n-octyl phthalate	mg/kg	0.231	0.302	69.4	40-132	26.4	27	L466506-06	WG486220
Dibenz(a,h)anthracene	mg/kg	0.158	0.209	47.3	29-123	27.8	30	L466506-06	WG486220
Diethyl phthalate	mg/kg	0.371	0.407	85.7	51-113	9.10	21	L466506-06	WG486220
Dimethyl phthalate	mg/kg	0.282	0.329	84.6	54-108	15.4	23	L466506-06	WG486220
Fluoranthene	mg/kg	0.248	0.285	74.4	23-143	13.9	29	L466506-06	WG486220
Fluorene	mg/kg	0.238	0.291	71.4	53-107	20.2	22	L466506-06	WG486220
Hexachloro-1,3-butadiene	mg/kg	0.267	0.307	80.2	39-113	13.9	26	L466506-06	WG486220
Hexachlorobenzene	mg/kg	0.246	0.285	73.8	49-108	14.8	27	L466506-06	WG486220
Hexachlorocyclopentadiene	mg/kg	0.157	0.208	47.0	10-131	28.1	39	L466506-06	WG486220
Hexachloroethane	mg/kg	0.223	0.251	66.9	25-118	11.9	35	L466506-06	WG486220
Indeno(1,2,3-cd)pyrene	mg/kg	0.159	0.205	47.8	28-125	25.1	32	L466506-06	WG486220
Isophorone	mg/kg	0.239	0.280	71.7	51-115	15.7	22	L466506-06	WG486220
n-Nitrosodi-n-propylamine	mg/kg	0.267	0.302	80.0	54-110	12.4	23	L466506-06	WG486220
n-Nitrosodimethylamine	mg/kg	0.221	0.242	66.2	20-116	9.26	38	L466506-06	WG486220
n-Nitrosodiphenylamine	mg/kg	0.229	0.251	68.6	54-138	9.40	26	L466506-06	WG486220
Naphthalene	mg/kg	0.239	0.283	71.7	41-100	17.1	26	L466506-06	WG486220
Nitrobenzene	mg/kg	0.237	0.276	71.1	40-102	15.5	24	L466506-06	WG486220
Pentachlorophenol	mg/kg	0.165	0.164	49.5	10-146	0.539	35	L466506-06	WG486220
Phenanthrene	mg/kg	0.249	0.290	74.7	37-125	15.2	27	L466506-06	WG486220
Phenol	mg/kg	0.222	0.241	66.6	52-111	8.40	22	L466506-06	WG486220
Pyrene	mg/kg	0.221	0.266	66.5	22-151	18.2	38	L466506-06	WG486220
2,4,6-Tribromophenol				81.97	25-137				WG486220
2-Fluorobiphenyl				74.85	30-120				WG486220
2-Fluorophenol				75.26	26-130				WG486220

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Fax (615) 758-5859

Tax I.D. 62-0814289

Est. 1970

Withers & Ravenel Eng. - Standard
Ty Colwell
111 MacKenan Drive

Cary, NC 27511

Quality Assurance Report
Level II

L466440

July 06, 2010

Analyte	Units	MSD	Matrix Spike Duplicate Ref	%Rec	Limit	RPD	Limit	Ref Samp	Batch
Nitrobenzene-d5				73.26	18-119				
Phenol-d5				73.91	37-141				
p-Terphenyl-d14				78.69	23-143				
1,1,1,2-Tetrachloroethane	mg/kg	0.114	0.126	91.2	29-145	9.84	31	L465422-03	WG486633
1,1,1-Trichloroethane	mg/kg	0.108	0.105	86.0	23-147	2.23	32	L465422-03	WG486633
1,1,2,2-Tetrachloroethane	mg/kg	0.109	0.113	87.2	18-150	3.74	33	L465422-03	WG486633
1,1,2-Trichloroethane	mg/kg	0.132	0.122	106.	35-140	7.49	29	L465422-03	WG486633
1,1,2-Trichloro-1,2,2-trifluoroethane	mg/kg	0.106	0.106	85.0	10-145	0.180	35	L465422-03	WG486633
1,1-Dichloroethane	mg/kg	0.102	0.104	81.6	24-148	1.51	31	L465422-03	WG486633
1,1-Dichloroethene	mg/kg	0.109	0.107	86.9	10-149	1.96	34	L465422-03	WG486633
1,1-Dichloropropene	mg/kg	0.105	0.106	84.4	10-141	0.780	34	L465422-03	WG486633
1,2,3-Trichlorobenzene	mg/kg	0.116	0.118	92.7	10-129	1.44	43	L465422-03	WG486633
1,2,3-Trichloropropane	mg/kg	0.114	0.118	91.0	30-148	3.73	32	L465422-03	WG486633
1,2,4-Trichlorobenzene	mg/kg	0.115	0.121	92.1	10-119	5.05	44	L465422-03	WG486633
1,2,4-Trimethylbenzene	mg/kg	0.106	0.122	85.1	10-145	13.9	41	L465422-03	WG486633
1,2-Dibromo-3-Chloropropane	mg/kg	0.134	0.118	107.	19-145	12.3	35	L465422-03	WG486633
1,2-Dibromoethane	mg/kg	0.136	0.143	109.	24-145	4.91	31	L465422-03	WG486633
1,2-Dichlorobenzene	mg/kg	0.113	0.112	90.2	12-130	0.780	35	L465422-03	WG486633
1,2-Dichloroethane	mg/kg	0.107	0.101	85.2	21-155	5.36	29	L465422-03	WG486633
1,2-Dichloropropane	mg/kg	0.104	0.104	83.2	28-144	0.220	30	L465422-03	WG486633
1,3,5-Trimethylbenzene	mg/kg	0.108	0.124	86.3	10-135	13.9	39	L465422-03	WG486633
1,3-Dichlorobenzene	mg/kg	0.108	0.122	86.7	10-129	11.6	38	L465422-03	WG486633
1,3-Dichloropropane	mg/kg	0.148	0.159	118.	31-137	7.25	29	L465422-03	WG486633
1,4-Dichlorobenzene	mg/kg	0.107	0.112	85.6	10-121	4.52	36	L465422-03	WG486633
2,2-Dichloropropane	mg/kg	0.108	0.106	86.5	18-144	1.56	32	L465422-03	WG486633
2-Butanone (MEK)	mg/kg	0.606	0.524	97.0	21-143	14.5	37	L465422-03	WG486633
2-Chloroethyl vinyl ether	mg/kg	0.503	0.532	80.5	0-176	5.66	50	L465422-03	WG486633
2-Chlorotoluene	mg/kg	0.108	0.122	86.2	10-132	12.8	37	L465422-03	WG486633
4-Chlorotoluene	mg/kg	0.107	0.121	85.4	10-129	12.7	38	L465422-03	WG486633
4-Methyl-2-pentanone (MIBK)	mg/kg	0.633	0.563	101.	31-151	11.7	36	L465422-03	WG486633
Acetone	mg/kg	0.646	0.547	103.	13-158	16.6	34	L465422-03	WG486633
Acrylonitrile	mg/kg	0.594	0.532	95.1	20-154	11.1	35	L465422-03	WG486633
Benzene	mg/kg	0.106	0.107	85.0	16-143	0.250	31	L465422-03	WG486633
Bromobenzene	mg/kg	0.104	0.119	83.1	14-135	13.7	39	L465422-03	WG486633
Bromodichloromethane	mg/kg	0.103	0.103	82.1	27-139	0.880	30	L465422-03	WG486633
Bromoform	mg/kg	0.123	0.129	98.4	21-144	4.84	34	L465422-03	WG486633
Bromomethane	mg/kg	0.120	0.115	96.4	0-180	4.63	41	L465422-03	WG486633
Carbon tetrachloride	mg/kg	0.104	0.102	83.1	12-149	1.98	34	L465422-03	WG486633
Chlorobenzene	mg/kg	0.117	0.133	93.8	17-134	12.6	34	L465422-03	WG486633
Chlorodibromomethane	mg/kg	0.125	0.134	99.9	28-147	7.32	32	L465422-03	WG486633
Chloroethane	mg/kg	0.152	0.156	121.	0-172	2.86	38	L465422-03	WG486633
Chloroform	mg/kg	0.105	0.103	83.7	28-138	2.06	30	L465422-03	WG486633
Chloromethane	mg/kg	0.110	0.109	88.1	10-158	1.20	35	L465422-03	WG486633
cis-1,2-Dichloroethene	mg/kg	0.111	0.106	88.6	21-147	4.02	31	L465422-03	WG486633
cis-1,3-Dichloropropene	mg/kg	0.110	0.109	87.6	17-145	0.650	32	L465422-03	WG486633
Di-isopropyl ether	mg/kg	0.111	0.111	88.5	31-153	0.0400	29	L465422-03	WG486633
Dibromomethane	mg/kg	0.105	0.103	84.1	24-147	2.32	30	L465422-03	WG486633
Dichlorodifluoromethane	mg/kg	0.108	0.107	86.6	0-192	0.780	38	L465422-03	WG486633
Ethylbenzene	mg/kg	0.120	0.137	95.8	12-137	13.3	36	L465422-03	WG486633
Hexachloro-1,3-butadiene	mg/kg	0.107	0.112	85.2	10-123	5.00	50	L465422-03	WG486633
Isopropylbenzene	mg/kg	0.114	0.129	91.0	14-134	12.5	37	L465422-03	WG486633
Methyl tert-butyl ether	mg/kg	0.115	0.108	91.9	21-157	6.58	31	L465422-03	WG486633
Methylene Chloride	mg/kg	0.113	0.113	90.4	12-149	0.400	31	L465422-03	WG486633
n-Butylbenzene	mg/kg	0.114	0.120	90.9	10-130	5.16	48	L465422-03	WG486633
n-Propylbenzene	mg/kg	0.108	0.126	86.4	10-130	15.2	40	L465422-03	WG486633
Naphthalene	mg/kg	0.128	0.122	102.	0-146	4.51	43	L465422-03	WG486633
p-Isopropyltoluene	mg/kg	0.112	0.129	89.9	10-131	13.6	43	L465422-03	WG486633
sec-Butylbenzene	mg/kg	0.110	0.128	87.9	10-134	15.4	43	L465422-03	WG486633
Styrene	mg/kg	0.114	0.127	91.0	10-140	10.9	35	L465422-03	WG486633

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Est. 1970

Withers & Ravenel Eng. - Standard
Ty Colwell
111 MacKenan Drive

Cary, NC 27511

Quality Assurance Report
Level II

L466440

July 06, 2010

Analyte	Units	Matrix Spike Duplicate MSD	Ref	%Rec	Limit	RPD	Limit	Ref Samp	Batch
tert-Butylbenzene	mg/kg	0.111	0.128	88.6	11-137	14.8	39	L465422-03	WG486633
Tetrachloroethene	mg/kg	0.0991	0.115	79.3	10-131	14.7	35	L465422-03	WG486633
Toluene	mg/kg	0.106	0.107	84.9	12-136	0.530	32	L465422-03	WG486633
trans-1,2-Dichloroethene	mg/kg	0.107	0.106	85.5	10-143	0.940	33	L465422-03	WG486633
trans-1,3-Dichloropropene	mg/kg	0.116	0.112	93.2	16-147	4.22	32	L465422-03	WG486633
Trichloroethene	mg/kg	0.108	0.109	86.4	10-155	0.690	33	L465422-03	WG486633
Trichlorofluoromethane	mg/kg	0.121	0.121	96.8	10-154	0.0900	32	L465422-03	WG486633
Vinyl chloride	mg/kg	0.0959	0.0934	76.7	10-159	2.61	36	L465422-03	WG486633
Xylenes, Total	mg/kg	0.342	0.392	91.3	10-138	13.5	36	L465422-03	WG486633
4-Bromofluorobenzene				90.32	59-140				WG486633
Dibromofluoromethane				95.53	63-139				WG486633
Toluene-d8				94.89	84-116				WG486633

Batch number /Run number / Sample number cross reference

WG485900: R1271910: L466440-02 03 04 05 06 07 08 09 10 11 12 13 14 15
WG486141: R1272371: L466440-01 16 30 31 32 33
WG485785: R1272404: L466440-19 20 21 22 25 26 27 28 29
WG485669: R1272570: L466440-18
WG486360: R1273291: L466440-17
WG486273: R1273729: L466440-01 02 03 04 05
WG486220: R1273752: L466440-15 16 17
WG486470: R1274111: L466440-06 07 08 09 10 11 12 13 14 15
WG486473: R1274112: L466440-16 17 19 20 21 22 25 26 27 28
WG486131: R1274137: L466440-15 16 17 23 24
WG486518: R1274368: L466440-01 02 03 04 05 06 07 09 10
WG486519: R1274369: L466440-11 12 14 15 16 17 19 20 21
WG486361: R1274470: L466440-18
WG486319: R1274507: L466440-01
WG486320: R1274508: L466440-02 03 04 05 06 07 08 09 10 11
WG486321: R1274509: L466440-12 13 14 15 16 17 18 19 20 21
WG486322: R1274510: L466440-22 23 24 25 26 27 28 29 30 31
WG486323: R1274512: L466440-32 33
WG486494: R1274531: L466440-29 30 31 32 33
WG486520: R1274774: L466440-22 25 26 27 28 29 30 31 33
WG486633: R1275228: L466440-08 13 32

* * Calculations are performed prior to rounding of reported values .
* Performance of this Analyte is outside of established criteria.
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Cary, NC 27511

Quality Assurance Report
Level II

L466440

July 06, 2010

The data package includes a summary of the analytic results of the quality control samples required by the SW-846 or CWA methods. The quality control samples include a method blank, a laboratory control sample, and the matrix spike/matrix spike duplicate analysis. If a target parameter is outside the method limits, every sample that is effected is flagged with the appropriate qualifier in Appendix B of the analytic report.

Method Blank - an aliquot of reagent water carried through the entire analytic process. The method blank results indicate if any possible contamination exposure during the sample handling, digestion or extraction process, and analysis. Concentrations of target analytes above the reporting limit in the method blank are qualified with the "B" qualifier.

Laboratory Control Sample - is a sample of known concentration that is carried through the digestion/extraction and analysis process. The percent recovery, expressed as a percentage of the theoretical concentration, has statistical control limits indicating that the analytic process is "in control". If a target analyte is outside the control limits for the laboratory control sample or any other control sample, the parameter is flagged with a "J4" qualifier for all effected samples.

Matrix Spike and Matrix Spike Duplicate - is two aliquots of an environmental sample that is spiked with known concentrations of target analytes. The percent recovery of the target analytes also has statistical control limits. If any recoveries that are outside the method control limits, the sample that was selected for matrix spike/matrix spike duplicate analysis is flagged with either a "J5" or a "J6". The relative percent difference (%RPD) between the matrix spike and the matrix spike duplicate recoveries is all calculated. If the RPD is above the method limit, the effected samples are flagged with a "J3" qualifier.

FedEx order #s 00734206 00718213
00740067 00710032

Withers & Ravenel Eng.
111 MacKenan Drive
Cary, NC 27511

Alternate billing information:
(Circle One)
WITHRAV - State Lead
WITHRAVR - Trustfund
WITHRAVD - DSCA
WITHRAVS - Standard

Report to: Ty Colwell
Email to: tcolwell @withersravenel.com

Project Description: 1400 Point Harbor Rd
City/State Collected: Wilmington, NC
Phone: 919-469-3340
FAX: 919-467-6008
Client Project #: 02100148.00
ESC Key:
Collected by: Troy Beasley
Site/Facility ID#:
P.O.#:
Collected by (signature):
Packed on Ice N (Y)
Rush? (Lab MUST Be Notified)
___ Same Day.....200%
___ Next Day.....100%
___ Two Day.....50%
Date Results Needed:
Email? __No__Yes
FAX? __No__Yes

Chain of Custody
Page 2 of 5

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859
L465167

CoCode (lab use only)
Template/Prelogin
Shipped Via:

Analysis/Container/Preservative

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	TPH, DRO/GRO + 8260B	SVOCs x 8270	Pesticides & PCB x 8081/8082	Lead & Chromium				Remarks/Contaminant	Sample # (lab only)
SP-1	Grab	Soil	1'-3'	6/18/10	1530	5	✓							L466440-01	
SP-2	Grab	Soil	2'-4'	6/18/10	0930	5	✓							02	
SP-3	Grab	Soil	2'-4'	6/18/10	0845	5	✓							03	
SP-4	Grab	Soil	2'-4'	6/18/10	0900	5	✓							04	
SP-5	Grab	Soil	2'-4'	6/18/10	0910	5	✓							05	
SP-6	Grab	Soil	2'-4'	6/18/10	0945	5	✓							06	
SP-7	Grab	Soil	2'-4'	6/18/10	0950	5	✓							07	
SP-8	Grab	Soil	2'-4'	6/18/10	1030	5	✓							08	
SP-9	Grab	Soil	2-4	6/18/10	1040	5	✓							09	

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other ____ pH ____ Temp ____

Remarks: Please hold soil samples and do not begin testing until authorized by W&R. Ty Colwell will contact ESC after receiving GW results.

Flow ____ Other ____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐	Condition:	
	6/18/10	1830			OK (lab use only)	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature) 8695 179 8331	Temp: 3.0°C	Bottles Received: 178 of 346	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 6-19-10	Time: 0900	pH Checked: NCF:

Soil FedEx order #s 00740067 00718213 00734206 00710632

Withers & Ravenel Eng.
111 MacKenan Drive
Cary, NC 27511

Alternate billing information:
(Circle One)
WITHRAV - State Lead
WITHRAVR - Trustfund
WITHRAVD - DSCA
WITHRAVS - Standard

Report to: Ty Colwell
Email to: tcolwell @withersravenel.com

Project Description: 1400 Point Harbor Rd
City/State Collected: Wilmington, NC
Phone: 919-469-3340
FAX: 919-467-6008
Client Project #: 02100148.00
ESC Key:
Collected by: Troy Beasley
Site/Facility ID#:
P.O.#:
Collected by (signature): TBS
Packed on Ice N (Y)
Rush? (Lab MUST Be Notified)
___ Same Day.....200%
___ Next Day.....100%
___ Two Day.....50%
See Remarks
Date Results Needed: See Remarks
Email? __No ✓Yes
FAX? __No__Yes

Analysis/Container/Preservative: TPH DRO/GRO 8260B; SVOCs x 8270; Pesticides & PCB x 8081/8082; Lead and Chromium

Chain of Custody Page 3 of 5

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FAX (615) 758-5859
L465167

CoCode (lab use only)
Template/Prelogin
Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	TPH DRO/GRO 8260B	SVOCs x 8270	Pesticides & PCB x 8081/8082	Lead and Chromium				Remarks/Contaminant	Sample # (lab only)
SP-10	Grab	Soil	0-3'	6/18/10	1415	5	✓							L466440-10	
SP-11	Grab	Soil	0-2'	6/18/10	1355	5	✓							11	
SP-12	Grab	Soil	2'-4'	6/18/10	1350	5	✓							12	
SP-13	Grab	Soil	0'-2'	6/18/10	1405	5	✓							13	
SP-14	Grab	Soil	0'-3'	6/18/10	1340	5	✓							14	
SP-15	Grab	Soil	0-3'	6/18/10	1445	8	✓	✓	✓	✓				15	
SP-16	Grab	Soil	0-3	6/18/10	1430	8	✓	✓	✓	✓				16	
SP-17	Grab	Soil	0-3	6/18/10	1500	8	✓	✓	✓	✓				17	
Composite	Comp	Soil	—	6/18/10	1505	2			✓	✓				18	

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

pH ____ Temp ____ Flow ____ Other ____

Remarks: Hold soil samples and do not begin testing until authorized by W&R. Ty Colwell will contact ESC after receiving GW results

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐	Condition: (lab use only)
TBS	6/18/10	1830	[illegible]		OK
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 5.0°C	Bottles Received: 178+3tb
[illegible]			8057 5534 8280		
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 6.19-10	Time: 0902
			[illegible]		pH Checked: NCF:

Soil

FedEx order #s 00740067 00718213 60734206 00710032

Withers & Ravenel Eng.
111 MacKenan Drive
Cary, NC 27511

Alternate billing information:
(Circle One)
WITHRAV - State Lead
WITHRAVR - Trustfund
WITHRAVD - DSCA
WITHRAVS - Standard

Report to: Ty Colwell

Email to: tcolwell @withersravenel.com

Project Description: 1400 Point Harbor Road

City/State Collected: Wilmington, NC

Phone: 919-469-3340
FAX: 919-467-6008

Client Project #: 02100148.00

ESC Key:

Collected by: Troy Beasley

Site/Facility ID#:

P.O.#:

Collected by (signature): TBS

Packed on Ice N Y

Rush? (Lab MUST Be Notified)
See Remarks
____ Same Day.....200%
____ Next Day.....100%
____ Two Day.....50%

Date Results Needed: See Remarks
Email? __No ✓Yes
FAX? __No __Yes

Analysis/Container/Preservative: TPH DRO/GRO 8260B; Lead and Chromium

Chain of Custody Page 4 of 5

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859
L465167

CoCode (lab use only)
Template/Prelogin
Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	TPH DRO/GRO 8260B	Lead and Chromium						Remarks/Contaminant	Sample # (lab only)
SP-27	Grab	Soil	0-3	6/18/10	1250	5	✓							L466440-19	
SP-28	↓	↓	2-4	↓	1300	5	✓							20	
SP-29			2-4		1050	5	✓							21	
SP-31			0-3		1420	5	✓							22	
BG-1	↓	↓	0-2	↓	1550	1		✓						23	
BG-2	↓	↓	0-2	↓	1600	1		✓						24	

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

pH ____ Temp ____

Remarks: Hold soil samples and do not begin testing until authorized by W&R. Ty Colwell will contact ESC afer receiving GW Results

Flow ____ Other ____

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐	Condition: (lab use only)
TBS	6/18/10	1830			OK
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature) 8700 4648 3464	Temp: 3.0° / Bottles Received: 17	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 6-19-10 / Time: 0900	pH Checked: / NCF:

Soil

Fed Ex order #s 00740067 00718213 00734206 00710032

Withers & Ravenel Eng.
111 MacKenan Drive
Cary, NC 27511

Alternate billing information:
(Circle One)
WITHRAV - State Lead
WITHRAVR - Trustfund
WITHRAVD - DSCA
WITHRAVS - Standard

Report to: Ty Colwell
Email to: tcolwell @withersravenel.com

Project Description: 1400 Point Harbor Road
City/State Collected: Wilmington, NC

Phone: 919-469-3340
FAX: 919-467-6008

Client Project #: 02100148.00
ESC Key:

Collected by: Troy Beasley
Site/Facility ID#:
P.O.#:

Collected by (signature): TBS
Packed on Ice N (Y)

Rush? (Lab MUST Be Notified)
see remarks
___ Same Day.....200%
___ Next Day.....100%
___ Two Day.....50%

Date Results Needed: See Remarks
Email? __No ✓Yes
FAX? __No__Yes

Analysis/Container/Preservative

Chain of Custody Page 5 of 5

Prepared by:
ENVIRONMENTAL SCIENCE CORP.
12065 Lebanon Road
Mt. Juliet, TN 37122
Phone (615) 758-5858
Phone (800) 767-5859
FAX (615) 758-5859
L465167

CoCode (lab use only)
Template/Prelogin
Shipped Via:

Sample ID	Comp/Grab	Matrix*	Depth	Date	Time	No. of Cntrs	TPH DRO/GRO 8260B	Lead and Chromium						Remarks/Contaminant	Sample # (lab only)
SP-18	Grab	Soil	0'-3'	6/18/10	1330	5	✓							L466440-25	
SP-19	Grab	Soil	2-4	6/18/10	1100	5	✓							26	
SP-20	Grab	Soil	2-4	6/18/10	1120	5	✓							27	
SP-21	↓	↓	3-6	↓	1230	5	✓							28	
SP-22			3-6		1310	5	✓							29	
SP-23			0-3		1305	5	✓							30	
SP-24			3-6		1200	5	✓							31	
SP-25	↓	↓	3-6	↓	1140	5	✓							32	
SP-26	↓	↓	0-3	↓	1515	5	✓							33	

*Matrix: SS - Soil/Solid GW - Groundwater WW - WasteWater DW - Drinking Water OT - Other

pH ____ Temp ____
Flow ____ Other ____

Remarks: Hold soil samples and do not begin testing until authorized by W&R. Ty Colwell will contact ESC after receiving GW results

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐	Condition: OK (lab use only)
TBS	6/18/10	1830			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 5.0°C / Bottles Received: 178 of 3+b	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 6-19-10 / Time: 0900	pH Checked: / NCF:

SOIL DATA FROM EXCAVATION ACTIVITIES

PERFORMED BY F&R

3/8 & 9/11

Table 2. Summary of Laboratory Analytical Results

Analytical Method			8260	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260
Contaminant / SampleID	Date Collected	Sample Depth (ft BGS)	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone	2-Hexanone	4-Isopropyltoluene	Acetone	Benzene	Carbon Disulfide	cis-1,2-Dichloroethene	Chlorobenzene	Ethylbenzene	Isopropylbenzene	Methylene Chloride	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-butylbenzene	tert-butylbenzene	toluene	xylenes
SP-23 NSW	3/7/2011	1.0	*<0.00017*	*<0.00020*	*<0.00077*	*<0.00074*	*<0.00016*	0.017	*<0.00017*	*<0.00038*	*<0.00023*	*<0.00017*	*<0.00020*	*<0.00015*	*<0.00055*	*<0.00024*	*<0.00022*	*<0.00018*	*<0.00022*	*<0.00016*	*<0.00020*	*<0.00055*
SP-23 SSW	3/7/2011	1.0	*<0.00017*	*<0.00020*	*<0.00078*	*<0.00075*	*<0.00016*	0.016	*<0.00017*	*<0.00039*	*<0.00023*	*<0.00017*	*<0.00020*	*<0.00015*	*<0.00056*	*<0.00024*	*<0.00022*	*<0.00018*	*<0.00022*	*<0.00016*	*<0.00020*	*<0.00056*
SP-23 ESW	3/7/2011	1.0	*0.00043J*	*<0.00020*	0.0088	*<0.00073*	*<0.00016*	0.059	*<0.00017*	0.0011J	*<0.00023*	*<0.00017*	*<0.00020*	*<0.00015*	0.0017J	*<0.00024*	*<0.00022*	*<0.00018*	*<0.00022*	*<0.00016*	*<0.00020*	*<0.00055*
SP-23 WSW	3/7/2011	1.0	*<0.00016*	*<0.00019*	*<0.00073*	*<0.00070*	*<0.00015*	*<0.0011*	*<0.00016*	*<0.00036*	*<0.00021*	*<0.00016*	*<0.00019*	*<0.00014*	*<0.00052*	*<0.00022*	*<0.00021*	*<0.00017*	*<0.00021*	*<0.00015*	*<0.00019*	*<0.00052*
SP-23 BASE	3/7/2011	1.9	*<0.00016*	*<0.00019*	0.0078	*<0.00070*	*<0.00015*	0.048	*<0.00016*	*<0.00037*	*<0.00022*	*<0.00016*	*<0.00019*	*<0.00014*	0.00059J	*<0.00023*	*<0.00021*	*<0.00017*	*<0.00021*	*<0.00015*	*<0.00019*	*<0.00053*
SP-24 NSW	3/7/2011	1.5	*<0.00016*	*<0.00018*	0.0041J	*<0.00069*	*<0.00015*	0.031	*<0.00016*	*<0.00036*	*<0.00021*	*<0.00016*	*<0.00018*	*<0.00014*	*<0.00051*	*<0.00022*	*<0.00020*	*<0.00016*	*<0.00020*	*<0.00015*	*<0.00018*	*<0.00051*
SP-24 SSW	3/7/2011	1.5	*<0.00017*	*<0.00020*	*<0.00077*	*<0.00074*	*<0.00016*	0.044	*<0.00017*	0.00066J	*<0.00023*	*<0.00017*	*<0.00020*	*<0.00015*	0.0013J	*<0.00024*	*<0.00022*	*<0.00018*	*<0.00022*	*<0.00016*	*<0.00020*	*<0.00055*
SP-24 ESW	3/7/2011	1.5	*<0.00017*	*<0.00020*	0.0028J	*<0.00074*	*<0.00016*	0.032	*<0.00017*	0.00074J	*<0.00023*	*<0.00017*	*<0.00020*	*<0.00015*	0.0012J	*<0.00024*	*<0.00022*	*<0.00018*	*<0.00022*	*<0.00016*	*<0.00020*	*<0.00055*
SP-24 WSW	3/7/2011	1.5	*<0.00017*	*<0.00020*	0.0042J	*<0.00074*	*<0.00016*	0.035	*<0.00017*	0.0014J	*<0.00023*	*<0.00017*	*<0.00020*	*<0.00015*	0.0011J	*<0.00024*	*<0.00022*	*<0.00018*	*<0.00022*	*<0.00016*	*<0.00020*	*<0.00055*
SP-24 BASE	3/7/2011	3.0	*<0.00017*	*<0.00020*	0.0039J	*<0.00074*	*<0.00016*	0.036	*<0.00017*	0.00089J	*<0.00023*	*<0.00017*	*<0.00020*	*<0.00015*	0.0020	*<0.00024*	*<0.00022*	*<0.00018*	*<0.00022*	*<0.00016*	*<0.00020*	*<0.00055*
SP-29 NSW	3/8/2011	1.0	*<0.00024*	*<0.00028*	0.011	*<0.0011*	*<0.00023*	0.053	*<0.00024*	0.00075J	*<0.00032*	*<0.00024*	*<0.00028*	*<0.00021*	0.0013J	*<0.00034*	*<0.00031*	*<0.00025*	*<0.00031*	*<0.00023*	<0.00028	<0.00079
SP-29 SSW	3/8/2011	1.0	*<0.00019*	*<0.00023*	0.021	*<0.00084*	0.0046	0.085	*<0.00019*	0.00065J	*<0.00026*	*<0.00019*	*<0.00023*	*<0.00017*	*<0.00063*	*<0.00027*	*<0.00025*	*<0.00020*	0.00097J	*<0.00018*	0.00060J	<0.00063
SP-29 ESW	3/8/2011	1.0	*<0.00020*	*<0.00023*	0.011	*<0.00087*	*<0.00019*	0.040	*<0.00020*	*<0.00045*	*<0.00027*	*<0.00020*	*<0.00023*	*<0.00017*	*<0.00065*	*<0.00028*	*<0.00026*	*<0.00021*	*<0.00026*	*<0.00019*	*<0.00023*	<0.00065
SP-29 WSW*	3/8/2011	1.0	*<0.019*	*<0.022*	*<0.086*	*<0.083*	*<0.018*	*<0.13*	*<0.019*	*<0.043*	*<0.025*	*<0.019*	*<0.022*	0.55	*<0.062*	*<0.026*	1.8	0.39	1.8	*<0.018*	*<0.022*	<0.062
SP-29 BASE	3/8/2011	2.2	*<0.00024*	*<0.0028*	0.031	*<0.0011*	0.0013J	0.15	*<0.00024*	*<0.00055*	*<0.00033*	*<0.00024*	*<0.00028*	*<0.00021*	*<0.00079*	*<0.00034*	0.0018	*<0.00025*	0.0015	*<0.00023*	*<0.00028*	<0.00079
SP-8 NSW	3/8/2011	1.5	*<0.00036*	*<0.00027*	0.030	*<0.0010*	*<0.00021*	0.015	*<0.00023*	0.00073J	*<0.00031*	*<0.00023*	*<0.00027*	*<0.00020*	*<0.00074*	*<0.00032*	*<0.00029*	*<0.00024*	*<0.00029*	*<0.00021*	*<0.00027*	*<0.00074*
SP-8 SSW	3/8/2011	1.5	0.090	0.045	0.085	0.014	0.013	0.26	*<0.00018*	0.0014J	*<0.00024*	*<0.00018*	0.0039	0.0028	0.00087J	0.011	0.013	0.0049	0.011	*<0.00017*	0.0097	0.023
SP-8 ESW	3/8/2011	1.5	0.010	0.0044	0.016	*<0.00079*	0.024	0.079	*<0.00018*	0.00046J	*<0.00024*	*<0.00018*	0.00062J	0.00043J	*<0.00059*	0.0065	0.0024	0.00085J	0.0013	*<0.00017*	0.00080J	0.0031J
SP-8 WSW	3/8/2011	1.5	0.0064	0.0032	0.011	*<0.00079*	0.0017	0.052	*<0.00018*	*<0.00041*	*<0.00024*	*<0.00018*	*<0.00021*	0.00061J	*<0.00059*	*<0.00025*	0.0024	0.00087J	0.00092J	*<0.00017*	*<0.00021*	0.0020
SP-8 BASE	3/8/2011	3.0	0.094	0.039	0.025	*<0.00089*	0.038	0.067	0.00094J	*<0.00046*	*<0.00027*	*<0.00020*	0.0070	0.0038	0.0028	*<0.00028*	0.015	0.0068	0.010	*<0.00019*	0.034	0.044
Soil-to-GW MSCC			**8.5**	**8.3**	**16**	**1.9**		**24**	**0.0056**	**4.3**	**0.35**	**0.44**	**4.9**	**1.7**	**0.02**	**0.1**	**4.3**	**1.7**	**3.3**	**3.4**	**4.3**	**4.6**
Residential MSCC			**782**	**782**	**9385**	**6200**		**14000**	**18**	**1564**	**156**	**312**	**1560**	**1564**	**85**	**313**	**626**	**626**	**626**	**626**	**1200**	**3129**
Industrial/Commercial MSCC			**20440**	**20440**	**245280**	**160000**		**360000**	**164**	**40880**	**4000**	**8176**	**40000**	**40880**	**763**	**8176**	**16350**	**16350**	**16350**	**16350**	**32000**	**81760**

Italics	Indicates was analyzed for but not detected to the level shown.
Bold	Indicates concentration exceeding the Soil-to-Groundwater MSCC
Red	Indicates concentration exceeding the Residential MSCC
Shaded	Indicates concentration exceeding the Industrial/Commercial MSCC
*	Indicates samples analyzed at dilution

Table 2. Summary of Laboratory Analytical Results

Analytical Method			8260	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260
Contaminant / SampleID	Date Collected	Sample Depth (ft BGS)	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	2-Butanone	2-Hexanone	4-Isopropyltoluene	Acetone	Benzene	Carbon Disulfide	cis-1,2-Dichloroethene	Chlorobenzene	Ethylbenzene	Isopropylbenzene	Methylene Chloride	Naphthalene	n-Butylbenzene	n-Propylbenzene	sec-butylbenzene	tert-butylbenzene	toluene	xylenes
SP-11 NSW	3/8/2011	0.75	*<0.00018*	*<0.00021*	0.0083	*<0.00079*	*<0.00017*	0.032	*<0.00018*	0.0011J	0.0024	*<0.00018*	*<0.00021*	*<0.00016*	0.0010J	*<0.00025*	*<0.00023*	*<0.00019*	*<0.00023*	*<0.00017*	0.00052J	*<0.00059*
SP-11 SSW	3/8/2011	0.75	*0.00050J*	*<0.00022*	0.0057	*<0.00083*	*<0.00018*	0.032	*<0.00019*	0.00064J	0.00051J	*<0.00019*	*<0.00022*	*<0.00017*	0.00099J	*<0.00026*	*<0.00024*	*<0.00020*	*<0.00024*	*<0.00018*	0.0011	*<0.00062*
SP-11 ESW	3/8/2011	0.75	*<0.00029*	*<0.00021*	*<0.00084*	*<0.00081*	*<0.00017*	*<0.0013*	*<0.00018*	*<0.00042*	*<0.00025*	*<0.00018*	*<0.00021*	*<0.00016*	0.0019J	*<0.00026*	*<0.00024*	*<0.00019*	*<0.00024*	*<0.00017*	*<0.00021*	*<0.00060*
SP-11 W5W	3/8/2011	0.75	*<0.00016*	*<0.00019*	*<0.00076*	*<0.00073*	*<0.00016*	0.0036J	*<0.00016*	*<0.00038*	*<0.00022*	*<0.00016*	*<0.00019*	*<0.00015*	0.00055J	*<0.00023*	*<0.00021*	*<0.00017*	*<0.00021*	*<0.00016*	*<0.00019*	*<0.00054*
SP-11 BASE	3/8/2011	1.5	*<0.00019*	*<0.00022*	0.0085	*<0.00083*	*<0.00018*	0.038	*<0.00019*	0.0013J	0.00082J	*<0.00019*	*<0.00022*	*<0.00017*	0.00093J	*<0.00027*	*<0.00024*	*<0.00020*	*<0.00024*	*<0.00018*	*<0.00022*	*<0.00062*
SP-6 NSW	3/8/2011	1.5	*<0.00023*	*<0.00027*	0.091	*<0.0010*	*<0.00022*	0.20	*<0.00023*	0.00072J	*<0.00032*	0.010	*<0.00027*	0.068	0.00083J	*<0.00033*	0.091	*<0.00025*	0.098	0.014	*<0.00027*	0.0014J
SP-6 SSW	3/8/2011	1.5	0.00072J	*<0.00025*	0.0076	*<0.00093*	*<0.00020*	0.025	*<0.00021*	0.00090J	*<0.00028*	*<0.00021*	*<0.00025*	0.00092J	0.0013	*<0.00030*	0.0029	*<0.00022*	0.0027	0.00054J	*<0.00025*	*<0.00069*
SP-6 ESW	3/8/2011	1.5	*<0.00019*	*<0.00022*	*<0.00087*	*<0.00084*	*<0.00018*	0.016	*<0.00019*	0.00065J	*<0.00026*	*<0.00019*	*<0.00022*	*<0.00017*	0.0015J	*<0.00027*	*<0.00025*	*<0.00020*	*<0.00025*	*<0.00018*	*<0.00022*	*<0.00062*
SP-6 WSW*	3/8/2011	1.5	*<0.039*	*<0.046*	*<0.18*	*<0.17*	*<0.037*	*<0.27*	*<0.039*	*<0.089*	*<0.053*	*<0.039*	*<0.046*	0.30	*<0.13*	*<0.055*	1.6	0.24	0.92	*<0.037*	*<0.046*	*<0.13*
SP-6 BASE*	3/8/2011	3.0	*<0.019*	*<0.022*	*<0.088*	*<0.084*	*<0.018*	*<0.13*	*<0.019*	*<0.044*	*<0.026*	*<0.019*	*<0.022*	0.084J	*<0.063*	*<0.027*	0.43	*<0.020*	0.33	*<0.018*	*<0.022*	*<0.063*
SP-1 NSW*	3/9/2011	1.5	*<0.040*	*<0.047*	*<0.019*	*<0.18*	*<0.038*	*<0.28*	*<0.040*	*<0.093*	*<0.055*	*<0.040*	*<0.047*	0.32	<0.13	*<0.057*	0.96	*<0.043*	*<0.052*	*<0.038*	*<0.047*	*<0.13*
SP-1 SSW	3/9/2011	1.5	0.0012	*<0.00023*	*<0.00089*	*<0.00085*	*<0.00018*	0.052	*<0.00019*	0.00069	*<0.00026*	*<0.00019*	0.00071J	0.012	0.0011J	*<0.00027*	0.014	*<0.00021*	0.014	0.0031	0.0031	0.0013J
SP-1 ESW*	3/9/2011	1.5	*<0.019*	*<0.023*	*<0.088*	*<0.084*	*<0.018*	*<0.14*	*<0.019*	*<0.044*	*<0.026*	*<0.019*	*<0.023*	*<0.017*	*<0.063*	*<0.027*	*<0.025*	*<0.020*	*<0.025*	*<0.018*	*<0.023*	*<0.063*
SP-1 WSW	3/9/2011	1.5	0.00094	*<0.00024*	0.032	*<0.00089*	0.0010	0.081	*<0.0020*	0.00095J	<0.00027	<0.00020	0.0010J	0.020	0.00091J	*<0.00028*	0.029	0.025	0.017	0.0041	<0.00024	0.00075J
SP-1 BASE*	3/9/2011	3.0	*<0.023*	*<0.027*	*<0.11*	*<0.10*	*<0.022*	*<0.16*	*<0.023*	*<0.053*	*<0.031*	*<0.023*	*<0.027*	*<0.020*	*<0.076*	0.84	0.35	*<0.024*	*<0.030*	*<0.022*	*<0.027*	*<0.076*
Soil-to-GW MSCC			8.5	8.3	16	1.9		24	0.0056	4.3	0.35	0.44	4.9	1.7	0.02	0.1	4.3	1.7	3.3	3.4	4.3	4.6
Residential MSCC			782	782	9385	6200		14000	18	1564	156	312	1560	1564	85	313	626	626	626	626	1200	3129
Industrial/Commercial MSCC			20440	20440	245280	160000		360000	164	40880	4000	8176	40000	40880	763	8176	16350	16350	16350	16350	32000	81760

Italics	Indicates was analyzed for but not detected to the level shown.
Bold	Indicates concentration exceeding the Soil-to-Groundwater MSCC
Red	Indicates concentration exceeding the Residential MSCC
Shaded	Indicates concentration exceeding the Industrial/Commercial MSCC
*	Indicates samples analyzed at dilution

Table 2. Summary of Laboratory Analytical Results

Contaminant / SampleID	Date Collected	Sample Depth (ft BGS)	1-Methylnaphthalene	2-Methylnaphthalene	Acenaphthene	Anthracene	Benzo[a] anthracene	Benzo[a]pyrene	Benzo[b]fluoranthene	Benzo[g,h,i]perylene	Benzo[k]fluoranthene	Bis(2-ethylhexyl)phthalate	Chrysene	Dibenzo[a,h]anthracene	Dimethylphthalate	Di-n-octylphthalate	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-cd)pyrene	Naphthalene	Phenanthrene	Pyrene
Analytical Method			8270	8270	8270	8270	8270	8270	8270	8270	8270	8270	8270	8270	8270	8270	8270	8270	8270	8270	8270	8270	8270
SP-23 NSW	3/7/2011	1.0	*<0.031*	*<0.032*	*<0.032*	*<0.044*	*<0.032*	*<0.038*	*<0.021*	*<0.054*	*<0.038*	*<0.040*	*<0.035*	*<0.059*	*<0.038*	*<0.038*	*<0.031*	*<0.041*	*<0.033*	*<0.054*	*<0.032*	*<0.031*	*<0.044*
SP-23 SSW	3/7/2011	1.0	*<0.031*	*<0.032*	*<0.032*	*<0.044*	*<0.032*	*<0.038*	*<0.021*	*<0.054*	*<0.038*	*<0.040*	*<0.034*	*<0.059*	*<0.038*	*<0.038*	*<0.031*	*<0.041*	*<0.033*	*<0.054*	*<0.032*	*<0.031*	*<0.044*
SP-23 ESW	3/7/2011	1.0	*<0.031*	*<0.032*	*<0.032*	*<0.043*	*<0.032*	*<0.037*	*<0.020*	*<0.053*	*<0.037*	*<0.040*	*<0.034*	*<0.058*	*<0.037*	*<0.037*	*<0.031*	*<0.041*	*<0.033*	*<0.053*	*<0.032*	*<0.031*	*<0.043*
SP-23 WSW	3/7/2011	1.0	*<0.031*	*<0.032*	*<0.032*	*<0.044*	*<0.032*	*<0.038*	*<0.021*	*<0.054*	*<0.038*	*<0.041*	*<0.035*	*<0.059*	*<0.038*	*<0.038*	*<0.031*	*<0.042*	*<0.034*	*<0.054*	*<0.032*	*<0.031*	*<0.044*
SP-23 BASE	3/7/2011	1.9	*<0.031*	*<0.032*	*<0.032*	*<0.043*	*<0.032*	*<0.038*	0.052J	*<0.054*	*<0.038*	*<0.040*	0.040J	*<0.058*	*<0.038*	*<0.038*	*<0.031*	0.068J	*<0.033*	*<0.054*	*<0.032*	*<0.031*	0.053J
SP-24 NSW	3/7/2011	1.5	*<0.031*	*<0.032*	*<0.032*	*<0.044*	*<0.032*	*<0.038*	*<0.021*	*<0.054*	*<0.021*	0.092JB	*<0.035*	*<0.059*	*<0.038*	*<0.038*	*<0.031*	*<0.042*	*<0.033*	*<0.054*	*<0.032*	*<0.031*	*<0.044*
SP-24 SSW	3/7/2011	1.5	*<0.031*	*<0.032*	*<0.032*	*<0.043*	*<0.032*	*<0.037*	*<0.020*	*<0.053*	*<0.037*	0.054JB	*<0.034*	*<0.058*	*<0.037*	*<0.037*	*<0.031*	*<0.041*	*<0.033*	*<0.053*	*<0.032*	*<0.031*	*<0.043*
SP-24 ESW	3/7/2011	1.5	*<0.031*	*<0.032*	*<0.032*	*<0.043*	*<0.032*	*<0.037*	*<0.037*	*<0.053*	*<0.037*	*<0.040*	*<0.034*	*<0.058*	*<0.037*	*<0.037*	*<0.031*	*<0.041*	*<0.033*	*<0.053*	*<0.032*	*<0.031*	*<0.043*
SP-24 WSW	3/7/2011	1.5	*<0.031*	*<0.033*	*<0.033*	*<0.044*	0.042J	0.043J	0.069J	*<0.055*	*<0.038*	*<0.041*	0.046J	*<0.059*	*<0.038*	*<0.038*	*<0.031*	0.069J	*<0.034*	*<0.055*	*<0.033*	*<0.031*	0.059J
SP-24 BASE	3/7/2011	3.0	*<0.030*	*<0.031*	*<0.031*	*<0.043*	*<0.031*	*<0.037*	*<0.020*	*<0.053*	*<0.037*	*<0.039*	*<0.034*	*<0.057*	*<0.037*	*<0.037*	*<0.030*	*<0.040*	*<0.033*	*<0.053*	*<0.031*	*<0.030*	*<0.043*
SP-29 NSW	3/8/2011	1.0	*<0.031*	*<0.032*	*<0.032*	*<0.043*	*<0.032*	*<0.038*	*<0.020*	*<0.054*	*<0.038*	*<0.040*	*<0.034*	*<0.058*	*<0.038*	*<0.038*	*<0.031*	*<0.041*	*<0.033*	*<0.054*	*<0.032*	*<0.031*	*<0.043*
SP-29 ESW	3/8/2011	1.0	0.051J	0.097J	0.44	0.67	**0.89**	**0.78**	0.95	0.36J	0.43	*<0.041*	0.83	0.11J	*<0.038*	*<0.038*	*<0.031*	1.8	0.39	0.36J	**0.41**	2.0	1.5
SP-29 SSW	3/8/2011	1.0	*<0.034*	*<0.036*	*<0.036*	*<0.049*	0.13J	**0.16J**	0.21J	0.12J	0.12J	*<0.045*	0.14J	*<0.065*	*<0.036*	*<0.042*	*<0.034*	0.21J	*<0.037*	0.11J	*<0.036*	0.088J	0.22J
SP-29 WSW*	3/8/2011	1.0	0.59J	0.62J	0.61J	*<0.22*	**0.68J**	**1.0J**	**1.3J**	0.86J	0.63J	*<0.21*	0.87J	*<0.30*	*<0.17*	*<0.20*	*<0.16*	1.7J	1.8J	0.70J	*<0.17*	3.9	1.8J
SP-29 BASE*	3/8/2011	2.2	*<0.42*	*<0.41*	*<0.41*	*<0.28*	*<0.27*	*<0.25*	*<0.26*	*<0.26*	*<0.25*	*<0.23*	*<0.96*	*<0.34*	*<0.33*	*<0.23*	*<0.34*	*<0.27*	*<0.32*	*<0.23*	*<0.38*	*<0.30*	*<0.23*
SP-8 NSW*	3/8/2011	1.5	*<0.14*	*<0.15*	*<0.15*	*<0.20*	0.21J	**0.20J**	0.33J	*<0.25*	*<0.18*	0.20J	0.24J	*<0.27*	*<0.18*	*<0.18*	*<0.14*	0.38J	*<0.15*	*<0.25*	*<0.15*	*<0.14*	0.39J
SP-8 SSW*	3/8/2011	1.5	*<1.6*	*<1.7*	*<1.7*	*<2.3*	*<1.7*	*<2.0*	*<1.1*	*<2.8*	*<2.0*	*<2.1*	*<1.8*	*<3.1*	*<2.0*	*<2.0*	*<1.6*	*<2.2*	*<1.7*	*<2.8*	*<1.7*	*<1.6*	*<2.3*
SP-8 ESW*	3/8/2011	1.5	*<1.6*	*<1.6*	*<1.6*	*<2.2*	*<1.6*	*<1.9*	*<1.1*	*<2.8*	*<1.9*	*<2.1*	*<1.8*	*<3.0*	*<1.9*	*<1.9*	*<1.6*	*<2.1*	*<1.7*	*<2.8*	*<1.6*	*<1.6*	*<2.2*
SP-8 WSW*	3/8/2011	1.5	*<0.16*	*<0.17*	*<0.17*	*<0.23*	*<0.17*	*<0.20*	*<0.11*	*<0.28*	*<0.20*	0.43J	*<0.18*	*<0.31*	*<0.20*	0.38J	*<0.16*	*<0.22*	*<0.18*	*<0.28*	*<0.17*	*<0.16*	*<0.23*
SP-8 BASE	3/8/2011	3.0	*<1.3*	*<1.3*	*<1.3*	*<1.8*	*<1.3*	*<1.6*	*<0.85*	*<2.2*	*<1.6*	*<1.7*	*<1.4*	*<2.4*	*<1.6*	*<1.6*	*<1.3*	*<1.7*	*<1.4*	*<2.2*	*<1.3*	*<1.3*	*<1.8*
Soil-to-GW MSCC				3.6	8.2	940	0.35	0.096	1.2	6400	12	6.6	39	0.17			4.7	290	47	3.4	0.16	56	270
Residential MSCC				63	940	4600	0.88	0.088	0.88	469	9	46	88	0.088			62	620	620	0.88	313	469	469
Industrial/Commercial MSCC				1635	240000	122000	8	0.78	8	12264	78	410	780	0.78			1635	16400	16400	8	8176	12264	12264

Italics	Indicates was analyzed for but not detected to the level shown.
Bold	Indicates concentration exceeding the Soil-to-Groundwater MSCC
Red	Indicates concentration exceeding the Residential MSCC
Shaded	Indicates concentration exceeding the Industrial/Commercial MSCC
*	Indicates samples analyzed at dilution
J	Indicates the reported value is between the laboratory method detection limit (MDL) and the laboratory method reporting limit (MRL)
B	Indicates the analyte was detected in the associated method blank

Table 2. Summary of Laboratory Analytical Results

Analytical Method			8270	8270	8270	8270	8270	8270	8270	8270	8270	8270	8270	8270	8270	8270	8270	8270	8270	8270	8270	8270	8270
Contaminant / SampleID	Date Collected	Sample Depth (ft BGS)	1-Methylnaphthal	2-Methylnaphthal	Acenaphthene	Anthracene	Benzo(a) anthrace	Benzo(a)pyrene	Benzo(b)fluoranth	Benzo(g,h,i)peryle	Benzo(k)fluoranth	Bis(2-ethylhexyl)ph	Chrysene	Dibenzo(a,h)anthr	Dimethylphthalate	Di-n-octylphthalat	Dibenzofuran	Fluoranthene	Fluorene	Indeno(1,2,3-cd)py	Naphthalene	Phenanthrene	Pyrene
SP-11 NSW*	3/8/2011	0.75	<0.10	<0.10	<0.10	<0.14	<0.10	<0.12	<0.067	<0.17	<0.12	<0.13	<0.11	<0.19	<0.12	<0.12	<0.10	<0.13	<0.11	<0.17	<0.10	<0.10	<0.081
SP-11 SSW	3/8/2011	0.75	<0.033	<0.035	<0.035	<0.047	<0.035	<0.041	<0.022	<0.058	<0.041	<0.043	<0.037	<0.063	<0.041	<0.041	<0.033	<0.044	<0.036	<0.058	<0.035	<0.033	<0.047
SP-11 ESW	3/8/2011	0.75	<0.033	<0.034	<0.034	<0.046	<0.034	<0.040	<0.022	<0.057	<0.040	<0.042	<0.036	<0.062	<0.040	<0.040	<0.033	<0.044	<0.035	<0.057	<0.034	<0.033	<0.046
SP-11 WSW	3/8/2011	0.75	<0.032	<0.033	<0.033	<0.045	<0.033	<0.039	<0.021	<0.055	<0.039	<0.041	<0.035	<0.060	<0.033	<0.039	<0.032	<0.042	<0.034	<0.055	<0.033	<0.032	<0.045
SP-11 BASE	3/8/2011	1.5	<0.033	<0.034	<0.034	<0.047	0.056J	0.051J	0.053J	<0.058	<0.040	<0.043	0.053J	<0.063	<0.040	<0.040	<0.033	0.053J	<0.036	<0.058	<0.034	<0.033	0.057J
SP-6 NSW*	3/8/2011	1.5	<0.19	<0.19	<0.19	<0.26	<0.19	<0.23	<0.12	<0.32	<0.23	<0.24	<0.21	<0.35	<0.23	<0.23	<0.19	<0.25	<0.20	<0.32	<0.19	3.3	<0.26
SP-6 SSW	3/8/2011	1.5	<0.033	<0.035	<0.035	<0.047	<0.035	<0.041	<0.022	<0.058	<0.041	<0.043	<0.037	<0.063	<0.041	<0.041	<0.033	<0.044	<0.036	<0.058	<0.035	<0.033	<0.047
SP-6 ESW	3/8/2011	1.5	<0.033	<0.034	<0.034	<0.047	<0.034	<0.040	<0.040	<0.058	<0.040	<0.043	<0.037	<0.063	<0.040	<0.040	<0.033	<0.044	<0.036	<0.058	<0.034	<0.033	<0.047
SP-6 WSW*	3/8/2011	1.5	<0.17	<0.17	1.3 J	<0.23	<0.17	<0.20	0.27	<0.29	0.35J	<0.21	<0.18	<0.31	0.21J	<0.20	<0.17	0.37J	2.5	<0.29	<0.17	6	1.1J
SP-6 BASE*	3/8/2011	3.0	<0.16	<0.17	0.34J	<0.23	<0.17	<0.20	<0.11	<0.28	<0.20	<0.21	<0.18	<0.31	<0.20	<0.20	<0.16	<0.22	0.94J	<0.28	<0.17	0.83J	<0.23
SP-1 NSW*	3/9/2011	1.5	<0.63	<0.66	42	14	6.2J	1.9J	2.7J	<1.1	1.6J	<0.82	5.1J	<1.2	<0.78	<0.78	33	31	47	<1.1	<0.66	1.6J	21
SP-1 SSW*	3/9/2011	1.5	<0.15	<0.16	7.7	1.6J	1.1J	0.36J	0.53J	<0.27	0.30J	<0.20	0.75J	<0.29	<0.16	<0.19	4.8	5.2	8.4	<0.27	<0.16	8.7	3.5
SP-1 ESW*	3/9/2011	1.5	<0.17	<0.17	1.8J	<0.24	<0.17	<0.21	<0.11	<0.29	<0.21	<0.22	<0.19	<0.32	<0.17	<0.21	0.71J	0.34J	0.61J	<0.29	<0.17	<0.17	0.29J
SP-1 WSW*	3/9/2011	1.5	<0.64	<0.66	32	9.4	4.9J	1.4J	2.1J	<1.1	1.2J	<0.83	3.9J	<1.2	<0.78	<0.78	27	23	37	<1.1	<0.66	47	15
SP-1 BASE*	3/9/2011	3.0	<0.16	<0.17	10	2.5	1.2J	0.39J	0.57J	<0.28	0.26J	<0.21	0.93J	<0.30	<0.20	<0.20	8.0	6.2	11	<0.28	<0.17	12	4.2
Soil-to-GW MSCC				3.6	8.2	940	0.35	0.096	1.2	6400	12	6.6	39	0.17			4.7	290	47	3.4	0.16	56	270
Residential MSCC				63	940	4600	0.88	0.088	0.88	469	9	46	88	0.088			62	620	620	0.88	313	469	469
Industrial/Commercial MSCC				1635	240000	122000	8	0.78	8	12264	78	410	780	0.78			1635	16400	16400	8	8176	12264	12264

Italics	Indicates was analyzed for but not detected to the level shown.
Bold	Indicates concentration exceeding the Soil-to-Groundwater MSCC
Red	Indicates concentration exceeding the Residential MSCC
Shaded	Indicates concentration exceeding the Industrial/Commercial MSCC
*	Indicates samples analyzed at dilution
J	Indicates the reported value is between the laboratory method detection limit (MDL) and the laboratory method reporting limit (MRL)
B	Indicates the analyte was detected in the associated method blank

Table 2. Summary of Laboratory Analytical Results

Analytical Method			9071	6010C	6010C	8081	8081	8082
Contaminant / SampleID	Date Collected	Sample Depth (ft BGS)	Oil & Grease	Chromium	Lead	4-4'-DDD	4-4'-DDE	Polychlorinated Biphenyls
SP-23 NSW	3/7/2011	1.0	115	3.55B	4.09	<0.00037	<0.00047	All BDL
SP-23 SSW	3/7/2011	1.0	446	3.24B	2.41	<0.00037	<0.00047	All BDL
SP-23 ESW	3/7/2011	1.0	142	4.21B	3.77	<0.00036	<0.00046	All BDL
SP-23 WSW	3/7/2011	1.0	<57.9	4.26B	2.66	<0.00037	<0.00047	All BDL
SP-23 BASE	3/7/2011	1.9	220	3.64B	8.73	<0.00037	<0.00047	All BDL
SP-24 NSW	3/7/2011	1.5	306	3.85B	2.95	<0.00037	<0.00047	All BDL
SP-24 SSW	3/7/2011	1.5	<56.8	4.89B	3.21	<0.00036	<0.00047	All BDL
SP-24 ESW	3/7/2011	1.5	<56.6	5.18B	3.39	<0.00036	<0.00046	All BDL
SP-24 WSW	3/7/2011	1.5	831	3.79B	3.62	<0.00037	<0.00048	All BDL
SP-24 BASE	3/7/2011	3.0	<56.1	4.43B	2.99	<0.00036	<0.00046	All BDL
SP-29 NSW	3/8/2011	1.0	58.5	1.15B	2.96	<0.00036	<0.00047	All BDL
SP-29 SSW	3/8/2011	1.0	1360	4.29B	39.9	<0.00041	<0.00052	All BDL
SP-29 ESW	3/8/2011	1.0	258	1.21B	2.34	<0.00037	<0.00048	All BDL
SP-29 WSW	3/8/2011	1.0	13200	7.76	31.2	<0.00038	<0.00049	All BDL
SP-29 BASE	3/8/2011	2.2	393	3.82	29.9	<0.00045	<0.00058	All BDL
SP-8 NSW	3/8/2011	1.5	2240	7.37B	166	<0.00042	<0.00054	All BDL
SP-8 SSW	3/8/2011	1.5	34400	3.88B	148	<0.00038	<0.00049	All BDL
SP-8 ESW	3/8/2011	1.5	16300	11.7	60.3	<0.00038	<0.00048	All BDL
SP-8 WSW	3/8/2011	1.5	1770	3.85	184	<0.00039	<0.00050	All BDL
SP-8 BASE	3/8/2011	3.0	22800	4.23	10.1	<0.00038	<0.00048	All BDL
SP-11 NSW	3/8/2011	0.75	423	5.13	61.2	<0.00039	<0.00051	All BDL
SP-11 SSW	3/8/2011	0.75	141	6.21	16.5	<0.00039	<0.00051	All BDL
SP-11 ESW	3/8/2011	0.75	910	3.82	13.9	<0.00039	<0.00050	All BDL
SP-11 WSW	3/8/2011	0.75	140	4.43	5.58	<0.00038	<0.00048	All BDL
SP-11 BASE	3/8/2011	1.5	<61.3	5.52	32.4	<0.00039	<0.00050	All BDL
SP-6 NSW	3/8/2011	1.5	4530	3.78	38.4	<0.00044	<0.00056	All BDL
SP-6 SSW	3/8/2011	1.5	122	3.18	24.2	<0.00040	<0.00051	All BDL
SP-6 ESW	3/8/2011	1.5	91.1	2.13	14.3	<0.00039	<0.00050	All BDL
SP-6 WSW	3/8/2011	1.5	9400	3.83	26.5	<0.00039	<0.00050	All BDL
SP-6 BASE	3/8/2011	3.0	1220	2.54	8.85	<0.00039	<0.00049	All BDL
SP-1 NSW	3/9/2011	1.5	3840	2.68	10.3	<0.00038	<0.00048	All BDL
SP-1 SSW	3/9/2011	1.5	2240	15.1	316	<0.00036	<0.00047	All BDL
SP-1 ESW	3/9/2011	1.5	1990	2.81	19.7	0.011	0.018	All BDL
SP-1 WSW	3/9/2011	1.5	4030	5.90	43.1	<0.00038	<0.00049	All BDL
SP-1 BASE	3/9/2011	3.0	514	2.43	7.59	<0.00038	<0.00049	All BDL
DWM Action Level			250					
Soil-to-GW MSCC				5.4	270	NSE	NSE	NSE
Residential MSCC				47	400	NSE	NSE	NSE
Industrial/Commercial MSCC				1226	400	NSE	NSE	NSE

B Indicates the analyte was detected in the associated method blank.
BDL Below Detection Limits
NSE No Standard Exists

Table 2. Summary of Laboratory Analytical Results

Analytical Method			6020A	8270D	8081B	8151A	8260B
Contaminant / SampleID	Date Collected	Sample Depth (BGS)	TCLP - Lead	TCLP - SVOCs	TCLP-Pesticides	TCLP-Herbicides	TCLP- VOCs
SP-8 Stockpile	3/8/2011	N/A	<0.0800D	All BDL	All BDL	All BDL	All BDL
SP-11 Stockpile	3/8/2011	N/A	0.627JD	All BDL	All BDL	All BDL	All BDL
SP-6 Stockpile	3/8/2011	N/A	<0.0800D	All BDL	All BDL	All BDL	All BDL
SP-1 Stockpile	3/9/2011	N/A	<0.0800D	All BDL	All BDL	All BDL	All BDL
SP-23 Stockpile	3/7/2011	N/A	<0.0800D	All BDL	All BDL	All BDL	All BDL
SP-24 Stockpile	3/7/2011	N/A	<0.0800D	All BDL	All BDL	All BDL	All BDL
SP-29 Stockpile	3/8/2011	N/A	0.107JD	All BDL	All BDL	All BDL	All BDL

BDL Below Detection Limits

D Indicates sample was analyzed at dilution

J Indicates the reported value is between the MDL and the MRL

Environmental Conservation Laboratories, Inc.
102-A Woodwinds Industrial Court
Cary NC, 27511
Phone: 919.467.3090 FAX: 919.467.3515

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Tuesday, March 29, 2011

Froehling and Robertson (FR004)

Attn: Beth Stout

310 Hubert Street

Raleigh, NC 27603

RE: Laboratory Results for
Project Number: 66M-0200, Project Name/Desc: Point Harbour Site
ENCO Workorder: C102268

Dear Beth Stout,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Tuesday, March 8, 2011.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

The analytical results contained in this report are in compliance with NELAC standards, except as noted in the project narrative. This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Unless otherwise noted, all analyses were performed at ENCO Cary. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Chuck Smith

Chuck Smith

Project Manager

Enclosure(s)

The total number of pages in this report, including this page is 179.

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: SP-23 NSW | **Lab ID: C102268-01** | **Sampled: 03/07/11 14:22** | **Received: 03/08/11 13:00**

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	09/03/11		03/09/11	10:26	3/10/2011 10:30
EPA 8081B	03/21/11	04/26/11	03/17/11	17:32	3/21/2011 11:41
EPA 8082A	03/06/12	03/16/12	03/17/11	17:35	3/21/2011 11:41
EPA 8260B	03/21/11		03/12/11	09:05	3/12/2011 14:32
EPA 8270D	03/21/11	04/27/11	03/18/11	02:05	3/21/2011 17:48
EPA 9071B	04/04/11		03/14/11	10:45	3/16/2011 15:00

Client ID: SP-23 SSW | **Lab ID: C102268-02** | **Sampled: 03/07/11 14:22** | **Received: 03/08/11 13:00**

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	09/03/11		03/09/11	10:26	3/10/2011 11:37
EPA 8081B	03/21/11	04/26/11	03/17/11	17:32	3/21/2011 11:54
EPA 8082A	03/06/12	03/16/12	03/17/11	17:35	3/21/2011 11:54
EPA 8260B	03/21/11		03/14/11	15:27	3/14/2011 22:49
EPA 8270D	03/21/11	04/27/11	03/18/11	02:05	3/21/2011 18:14
EPA 9071B	04/04/11		03/14/11	10:45	3/16/2011 15:00

Client ID: SP-23 ESW | **Lab ID: C102268-03** | **Sampled: 03/07/11 14:22** | **Received: 03/08/11 13:00**

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	09/03/11		03/09/11	10:26	3/10/2011 11:39
EPA 8081B	03/21/11	04/26/11	03/17/11	17:32	3/21/2011 12:07
EPA 8082A	03/06/12	03/16/12	03/17/11	17:35	3/21/2011 12:07
EPA 8260B	03/21/11		03/14/11	15:27	3/14/2011 23:18
EPA 8270D	03/21/11	04/27/11	03/18/11	02:05	3/21/2011 18:40
EPA 9071B	04/04/11		03/14/11	10:45	3/16/2011 15:00

Client ID: SP-23 WSW | **Lab ID: C102268-04** | **Sampled: 03/07/11 14:22** | **Received: 03/08/11 13:00**

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	09/03/11		03/09/11	10:26	3/10/2011 11:53
EPA 8081B	03/21/11	04/26/11	03/17/11	17:32	3/21/2011 12:20
EPA 8082A	03/06/12	03/16/12	03/17/11	17:35	3/21/2011 12:20
EPA 8260B	03/21/11		03/14/11	15:27	3/14/2011 23:47
EPA 8270D	03/21/11	04/27/11	03/18/11	02:05	3/21/2011 19:07
EPA 9071B	04/04/11		03/14/11	10:45	3/16/2011 15:00

Client ID: SP-23 BASE | **Lab ID: C102268-05** | **Sampled: 03/07/11 14:22** | **Received: 03/08/11 13:00**

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	09/03/11		03/09/11	10:26	3/10/2011 11:55
EPA 8081B	03/21/11	04/26/11	03/17/11	17:32	3/21/2011 12:33
EPA 8082A	03/06/12	03/16/12	03/17/11	17:35	3/21/2011 12:33
EPA 8260B	03/21/11		03/14/11	15:27	3/15/2011 00:15
EPA 8270D	03/21/11	04/27/11	03/18/11	02:05	3/21/2011 19:33
EPA 9071B	04/04/11		03/17/11	10:16	3/22/2011 11:48

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Client ID: SP-24 NSW	Lab ID: C102268-06	Sampled: 03/07/11 16:30	Received: 03/08/11 13:00

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	09/03/11		03/09/11	10:26	3/10/2011 11:57
EPA 8081B	03/21/11	04/26/11	03/17/11	17:32	3/21/2011 12:47
EPA 8082A	03/06/12	03/16/12	03/17/11	17:35	3/21/2011 12:47
EPA 8260B	03/21/11		03/14/11	15:27	3/15/2011 00:44
EPA 8270D	03/21/11	04/27/11	03/18/11	02:05	3/21/2011 20:00
EPA 9071B	04/04/11		03/17/11	10:16	3/22/2011 11:48

Client ID: SP-24 SSW	Lab ID: C102268-07	Sampled: 03/07/11 16:30	Received: 03/08/11 13:00

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	09/03/11		03/09/11	10:26	3/10/2011 11:58
EPA 8081B	03/21/11	04/26/11	03/17/11	17:32	3/21/2011 13:00
EPA 8082A	03/06/12	03/16/12	03/17/11	17:35	3/21/2011 13:00
EPA 8260B	03/21/11		03/14/11	15:27	3/15/2011 01:13
EPA 8270D	03/21/11	04/27/11	03/18/11	02:05	3/21/2011 20:45
EPA 9071B	04/04/11		03/17/11	10:16	3/22/2011 11:48

Client ID: SP-24 ESW	Lab ID: C102268-08	Sampled: 03/07/11 16:30	Received: 03/08/11 13:00

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	09/03/11		03/09/11	10:26	3/10/2011 12:00
EPA 8081B	03/21/11	04/26/11	03/17/11	17:32	3/21/2011 13:13
EPA 8082A	03/06/12	03/16/12	03/17/11	17:35	3/21/2011 13:13
EPA 8260B	03/21/11		03/14/11	15:27	3/15/2011 01:42
EPA 8270D	03/21/11	04/27/11	03/18/11	02:05	3/21/2011 21:12
EPA 9071B	04/04/11		03/17/11	10:16	3/22/2011 11:48

Client ID: SP-24 WSW	Lab ID: C102268-09	Sampled: 03/07/11 16:30	Received: 03/08/11 13:00

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	09/03/11		03/09/11	10:26	3/10/2011 12:02
EPA 8081B	03/21/11	04/26/11	03/17/11	17:32	3/21/2011 13:26
EPA 8082A	03/06/12	03/16/12	03/17/11	17:35	3/21/2011 13:26
EPA 8260B	03/21/11		03/14/11	15:27	3/15/2011 02:10
EPA 8270D	03/21/11	04/27/11	03/18/11	02:05	3/21/2011 21:38
EPA 9071B	04/04/11		03/17/11	10:16	3/22/2011 14:28

Client ID: SP-24 BASE	Lab ID: C102268-10	Sampled: 03/07/11 16:30	Received: 03/08/11 13:00

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	09/03/11		03/09/11	10:26	3/10/2011 12:04
EPA 8081B	03/21/11	04/26/11	03/17/11	17:32	3/21/2011 13:53
EPA 8082A	03/06/12	03/16/12	03/17/11	17:35	3/21/2011 13:53
EPA 8260B	03/21/11		03/14/11	15:27	3/15/2011 02:39
EPA 8270D	03/21/11	04/25/11	03/16/11	07:57	3/17/2011 16:15
EPA 9071B	04/04/11		03/17/11	10:16	3/22/2011 11:48

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Client ID: SP-29 NSW	Lab ID: C102268-11	Sampled: 03/08/11 09:45	Received: 03/08/11 13:00

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 6010C	09/04/11		03/09/11	10:26	3/10/2011	12:06
EPA 8081B	03/22/11	04/26/11	03/17/11	17:32	3/21/2011	14:06
EPA 8082A	03/07/12	03/16/12	03/17/11	17:35	3/21/2011	14:06
EPA 8260B	03/22/11		03/12/11	09:05	3/12/2011	15:01
EPA 8270D	03/22/11	04/25/11	03/16/11	07:57	3/17/2011	16:41
EPA 9071B	04/05/11		03/14/11	10:45	3/16/2011	15:00

Client ID: SP-29 SSW	Lab ID: C102268-12	Sampled: 03/08/11 09:45	Received: 03/08/11 13:00

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 6010C	09/04/11		03/09/11	10:26	3/10/2011	12:09
EPA 8081B	03/22/11	04/26/11	03/17/11	17:32	3/21/2011	14:19
EPA 8082A	03/07/12	03/16/12	03/17/11	17:35	3/21/2011	14:19
EPA 8260B	03/22/11		03/12/11	09:05	3/12/2011	15:30
EPA 8270D	03/22/11	04/25/11	03/16/11	07:57	3/17/2011	23:34
EPA 9071B	04/05/11		03/14/11	10:45	3/16/2011	15:00

Client ID: SP-29 ESW	Lab ID: C102268-13	Sampled: 03/08/11 09:45	Received: 03/08/11 13:00

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 6010C	09/04/11		03/09/11	10:26	3/10/2011	12:11
EPA 8081B	03/22/11	04/26/11	03/17/11	17:32	3/21/2011	14:32
EPA 8082A	03/07/12	03/16/12	03/17/11	17:35	3/21/2011	14:32
EPA 8260B	03/22/11		03/12/11	09:05	3/12/2011	15:59
EPA 8270D	03/22/11	04/25/11	03/16/11	07:57	3/17/2011	17:09
EPA 9071B	04/05/11		03/14/11	10:45	3/16/2011	15:00

Client ID: SP-29 WSW	Lab ID: C102268-14	Sampled: 03/08/11 09:45	Received: 03/08/11 13:00

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 6010C	09/04/11		03/10/11	09:52	3/11/2011	11:21
EPA 8081B	03/22/11	04/26/11	03/17/11	17:32	3/21/2011	14:45
EPA 8082A	03/07/12	03/16/12	03/17/11	17:35	3/21/2011	14:45
EPA 8260B	03/22/11		03/11/11	09:44	3/11/2011	15:39
EPA 8270D	03/22/11	04/27/11	03/18/11	02:05	3/18/2011	23:00
EPA 9071B	04/05/11		03/14/11	10:45	3/16/2011	15:00

Client ID: SP-29 BASE	Lab ID: C102268-15	Sampled: 03/08/11 09:45	Received: 03/08/11 13:00

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 6010C	09/04/11		03/10/11	09:52	3/11/2011	11:23
EPA 8081B	03/22/11	04/25/11	03/16/11	10:52	3/17/2011	16:28
EPA 8082A	03/07/12	03/15/12	03/16/11	10:54	3/17/2011	16:28
EPA 8260B	03/22/11		03/12/11	09:05	3/12/2011	16:28
EPA 8270D	03/22/11	04/27/11	03/18/11	09:42	3/21/2011	22:44
EPA 9071B	04/05/11		03/14/11	10:45	3/16/2011	15:00

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Client ID: SP-23 STOCK	Lab ID: C102268-16	Sampled: 03/07/11 14:22	Received: 03/08/11 13:00

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6020A	09/03/11	09/11/11	03/15/11	13:58	3/17/2011 16:37
EPA 7470A	04/04/11	04/14/11	03/17/11	12:43	3/18/2011 09:46
EPA 8081B	03/14/11	04/24/11	03/15/11	14:34	3/21/2011 18:18
EPA 8151A	03/14/11	04/24/11	03/15/11	16:45	3/17/2011 21:22
EPA 8260B	03/21/11	03/30/11	03/16/11	17:00	3/17/2011 01:38
EPA 8270D	03/14/11	05/01/11	03/22/11	15:55	3/28/2011 19:15

Client ID: SP-24 STOCK	Lab ID: C102268-17	Sampled: 03/07/11 16:30	Received: 03/08/11 13:00

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6020A	09/03/11	09/11/11	03/15/11	13:58	3/17/2011 16:44
EPA 7470A	04/04/11	04/14/11	03/17/11	12:43	3/18/2011 09:49
EPA 8081B	03/14/11	04/24/11	03/15/11	14:34	3/21/2011 18:31
EPA 8151A	03/14/11	04/24/11	03/15/11	16:45	3/17/2011 21:46
EPA 8260B	03/21/11	03/30/11	03/16/11	17:00	3/17/2011 02:07
EPA 8270D	03/14/11	05/01/11	03/22/11	15:55	3/28/2011 19:43

Client ID: SP-29 STOCK	Lab ID: C102268-18	Sampled: 03/08/11 09:45	Received: 03/08/11 13:00

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6020A	09/04/11	09/11/11	03/15/11	13:58	3/17/2011 17:40
EPA 7470A	04/05/11	04/14/11	03/17/11	12:43	3/18/2011 09:52
EPA 8081B	03/15/11	04/24/11	03/15/11	14:34	3/21/2011 18:44
EPA 8151A	03/15/11	04/24/11	03/15/11	16:45	3/17/2011 22:10
EPA 8260B	03/22/11	03/30/11	03/16/11	17:00	3/16/2011 20:22
EPA 8270D	03/15/11	05/01/11	03/22/11	15:55	3/28/2011 20:12

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SAMPLE DETECTION SUMMARY

Client ID: SP-23 NSW — **Lab ID: C102268-01**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Acetone	0.017		0.0012	0.0049	mg/kg dry	EPA 8260B	
Chromium - Total	3.55	B	0.115	0.576	mg/kg dry	EPA 6010C	QB-01
Lead - Total	4.09		0.138	0.576	mg/kg dry	EPA 6010C	
Oil & Grease (HEM)	115		57.6	57.6	mg/kg dry	EPA 9071B	

Client ID: SP-23 SSW — **Lab ID: C102268-02**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Acetone	0.016		0.0012	0.0050	mg/kg dry	EPA 8260B	
Chromium - Total	3.24	B	0.115	0.574	mg/kg dry	EPA 6010C	QB-01
Lead - Total	2.41		0.138	0.574	mg/kg dry	EPA 6010C	
Oil & Grease (HEM)	446		57.4	57.4	mg/kg dry	EPA 9071B	

Client ID: SP-23 ESW — **Lab ID: C102268-03**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
1,2,4-Trimethylbenzene	0.00043	J	0.00017	0.00098	mg/kg dry	EPA 8260B	
2-Butanone	0.0088		0.00076	0.0049	mg/kg dry	EPA 8260B	
Acetone	0.059		0.0012	0.0049	mg/kg dry	EPA 8260B	
Carbon disulfide	0.0011	J	0.00038	0.0049	mg/kg dry	EPA 8260B	
Chromium - Total	4.21	B	0.113	0.567	mg/kg dry	EPA 6010C	QB-01
Lead - Total	3.77		0.136	0.567	mg/kg dry	EPA 6010C	
Methylene Chloride	0.0017	J	0.00055	0.0020	mg/kg dry	EPA 8260B	
Oil & Grease (HEM)	142		56.7	56.7	mg/kg dry	EPA 9071B	

Client ID: SP-23 WSW — **Lab ID: C102268-04**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chromium - Total	4.26	B	0.116	0.579	mg/kg dry	EPA 6010C	QB-01
Lead - Total	2.66		0.139	0.579	mg/kg dry	EPA 6010C	

Client ID: SP-23 BASE — **Lab ID: C102268-05**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
2-Butanone	0.0078		0.00073	0.0047	mg/kg dry	EPA 8260B	
Acetone	0.048		0.0011	0.0047	mg/kg dry	EPA 8260B	
Benzo(b)fluoranthene	0.052	J	0.021	0.38	mg/kg dry	EPA 8270D	
Chromium - Total	3.64	B	0.114	0.571	mg/kg dry	EPA 6010C	QB-01
Chrysene	0.040	J	0.034	0.38	mg/kg dry	EPA 8270D	
Fluoranthene	0.068	J	0.041	0.38	mg/kg dry	EPA 8270D	
Lead - Total	8.73		0.137	0.571	mg/kg dry	EPA 6010C	
Methylene Chloride	0.00059	J	0.00053	0.0019	mg/kg dry	EPA 8260B	
Oil & Grease (HEM)	220		57.1	57.1	mg/kg dry	EPA 9071B	
Pyrene	0.053	J	0.043	0.38	mg/kg dry	EPA 8270D	

Client ID: SP-24 NSW — **Lab ID: C102268-06**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
2-Butanone	0.0041	J	0.00071	0.0046	mg/kg dry	EPA 8260B	
Acetone	0.031		0.0011	0.0046	mg/kg dry	EPA 8260B	
Bis(2-ethylhexyl)phthalate	0.092	JB	0.040	0.38	mg/kg dry	EPA 8270D	B
Chromium - Total	3.85	B	0.115	0.577	mg/kg dry	EPA 6010C	QB-01
Lead - Total	2.95		0.139	0.577	mg/kg dry	EPA 6010C	

Client ID: SP-24 NSW **Lab ID: C102268-06**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Oil & Grease (HEM)	306		57.7	57.7	mg/kg dry	EPA 9071B	

Client ID: SP-24 SSW **Lab ID: C102268-07**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Acetone	0.044		0.0012	0.0049	mg/kg dry	EPA 8260B	
Bis(2-ethylhexyl)phthalate	0.054	JB	0.040	0.37	mg/kg dry	EPA 8270D	B
Carbon disulfide	0.00066	J	0.00039	0.0049	mg/kg dry	EPA 8260B	
Chromium - Total	4.89	B	0.114	0.568	mg/kg dry	EPA 6010C	QB-01
Lead - Total	3.21		0.136	0.568	mg/kg dry	EPA 6010C	
Methylene Chloride	0.0013	J	0.00055	0.0020	mg/kg dry	EPA 8260B	

Client ID: SP-24 ESW **Lab ID: C102268-08**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
2-Butanone	0.0028	J	0.00077	0.0049	mg/kg dry	EPA 8260B	
Acetone	0.032		0.0012	0.0049	mg/kg dry	EPA 8260B	
Carbon disulfide	0.00074	J	0.00038	0.0049	mg/kg dry	EPA 8260B	
Chromium - Total	5.18	B	0.113	0.566	mg/kg dry	EPA 6010C	QB-01
Lead - Total	3.39		0.136	0.566	mg/kg dry	EPA 6010C	
Methylene Chloride	0.0012	J	0.00055	0.0020	mg/kg dry	EPA 8260B	

Client ID: SP-24 WSW **Lab ID: C102268-09**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
2-Butanone	0.0042	J	0.00077	0.0049	mg/kg dry	EPA 8260B	
Acetone	0.035		0.0012	0.0049	mg/kg dry	EPA 8260B	
Benzo(a)anthracene	0.042	J	0.033	0.38	mg/kg dry	EPA 8270D	
Benzo(a)pyrene	0.043	J	0.038	0.38	mg/kg dry	EPA 8270D	
Benzo(b)fluoranthene	0.069	J	0.021	0.38	mg/kg dry	EPA 8270D	
Carbon disulfide	0.0014	J	0.00038	0.0049	mg/kg dry	EPA 8260B	
Chromium - Total	3.79	B	0.116	0.582	mg/kg dry	EPA 6010C	QB-01
Chrysene	0.046	J	0.035	0.38	mg/kg dry	EPA 8270D	
Fluoranthene	0.069	J	0.042	0.38	mg/kg dry	EPA 8270D	
Lead - Total	3.62		0.140	0.582	mg/kg dry	EPA 6010C	
Methylene Chloride	0.0011	J	0.00055	0.0020	mg/kg dry	EPA 8260B	
Oil & Grease (HEM)	831		58.2	58.2	mg/kg dry	EPA 9071B	
Pyrene	0.059	J	0.044	0.38	mg/kg dry	EPA 8270D	

Client ID: SP-24 BASE **Lab ID: C102268-10**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
2-Butanone	0.0039	J	0.00077	0.0049	mg/kg dry	EPA 8260B	
Acetone	0.036		0.0012	0.0049	mg/kg dry	EPA 8260B	
Carbon disulfide	0.00089	J	0.00039	0.0049	mg/kg dry	EPA 8260B	
Chromium - Total	4.43	B	0.112	0.561	mg/kg dry	EPA 6010C	QB-01
Lead - Total	2.99		0.135	0.561	mg/kg dry	EPA 6010C	
Methylene Chloride	0.0020		0.00055	0.0020	mg/kg dry	EPA 8260B	

Client ID: SP-29 NSW **Lab ID: C102268-11**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
2-Butanone	0.011		0.0011	0.0070	mg/kg dry	EPA 8260B	
Acetone	0.053		0.0017	0.0070	mg/kg dry	EPA 8260B	
Carbon disulfide	0.00075	J	0.00055	0.0070	mg/kg dry	EPA 8260B	
Chromium - Total	1.15	B	0.114	0.569	mg/kg dry	EPA 6010C	QB-01

Client ID: SP-29 NSW			Lab ID: C102268-11				
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Lead - Total	2.96		0.137	0.569	mg/kg dry	EPA 6010C	
Methylene Chloride	0.0013	J	0.00079	0.0028	mg/kg dry	EPA 8260B	
Oil & Grease (HEM)	58.5		56.9	56.9	mg/kg dry	EPA 9071B	

Client ID: SP-29 SSW			Lab ID: C102268-12				
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
2-Butanone	0.021		0.00088	0.0056	mg/kg dry	EPA 8260B	
4-Isopropyltoluene	0.0046		0.00018	0.0011	mg/kg dry	EPA 8260B	
Acetone	0.085		0.0014	0.0056	mg/kg dry	EPA 8260B	
Benzo(a)anthracene	0.13	J	0.036	0.42	mg/kg dry	EPA 8270D	
Benzo(a)pyrene	0.16	J	0.042	0.42	mg/kg dry	EPA 8270D	
Benzo(b)fluoranthene	0.21	J	0.023	0.42	mg/kg dry	EPA 8270D	
Benzo(g,h,i)perylene	0.12	J	0.060	0.42	mg/kg dry	EPA 8270D	
Benzo(k)fluoranthene	0.12	J	0.042	0.42	mg/kg dry	EPA 8270D	
Carbon disulfide	0.00065	J	0.00044	0.0056	mg/kg dry	EPA 8260B	
Chromium - Total	4.29	B	0.128	0.638	mg/kg dry	EPA 6010C	QB-01
Chrysene	0.14	J	0.038	0.42	mg/kg dry	EPA 8270D	
Fluoranthene	0.21	J	0.046	0.42	mg/kg dry	EPA 8270D	
Indeno(1,2,3-cd)pyrene	0.11	J	0.060	0.42	mg/kg dry	EPA 8270D	
Lead - Total	39.9		0.153	0.638	mg/kg dry	EPA 6010C	
Oil & Grease (HEM)	1360		63.8	63.8	mg/kg dry	EPA 9071B	
Phenanthrene	0.088	J	0.034	0.42	mg/kg dry	EPA 8270D	
Pyrene	0.22	J	0.049	0.42	mg/kg dry	EPA 8270D	
sec-Butylbenzene	0.00097	J	0.00025	0.0011	mg/kg dry	EPA 8260B	
Toluene	0.00060	J	0.00023	0.0011	mg/kg dry	EPA 8260B	

Client ID: SP-29 ESW			Lab ID: C102268-13				
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
1-Methylnaphthalene	0.051	J	0.031	0.38	mg/kg dry	EPA 8270D	
2-Butanone	0.011		0.00090	0.0058	mg/kg dry	EPA 8260B	
2-Methylnaphthalene	0.097	J	0.032	0.38	mg/kg dry	EPA 8270D	
Acenaphthene	0.44		0.032	0.38	mg/kg dry	EPA 8270D	
Acetone	0.040		0.0014	0.0058	mg/kg dry	EPA 8260B	
Anthracene	0.67		0.044	0.38	mg/kg dry	EPA 8270D	
Benzo(a)anthracene	0.89		0.032	0.38	mg/kg dry	EPA 8270D	
Benzo(a)pyrene	0.78		0.038	0.38	mg/kg dry	EPA 8270D	
Benzo(b)fluoranthene	0.95		0.021	0.38	mg/kg dry	EPA 8270D	
Benzo(g,h,i)perylene	0.36	J	0.055	0.38	mg/kg dry	EPA 8270D	
Benzo(k)fluoranthene	0.43		0.038	0.38	mg/kg dry	EPA 8270D	
Chromium - Total	1.21	B	0.116	0.580	mg/kg dry	EPA 6010C	QB-01
Chrysene	0.83		0.035	0.38	mg/kg dry	EPA 8270D	
Dibenzo(a,h)anthracene	0.11	J	0.059	0.38	mg/kg dry	EPA 8270D	
Fluoranthene	1.8		0.042	0.38	mg/kg dry	EPA 8270D	
Fluorene	0.39		0.034	0.38	mg/kg dry	EPA 8270D	
Indeno(1,2,3-cd)pyrene	0.36	J	0.055	0.38	mg/kg dry	EPA 8270D	
Lead - Total	2.34		0.139	0.580	mg/kg dry	EPA 6010C	
Naphthalene	0.41		0.032	0.38	mg/kg dry	EPA 8270D	
Oil & Grease (HEM)	258		58.0	58.0	mg/kg dry	EPA 9071B	
Phenanthrene	2.0		0.031	0.38	mg/kg dry	EPA 8270D	
Pyrene	1.5		0.044	0.38	mg/kg dry	EPA 8270D	

Client ID: SP-29 WSW **Lab ID: C102268-14**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
1-Methylnaphthalene	0.59	JD	0.16	2.0	mg/kg dry	EPA 8270D	R-05
2-Methylnaphthalene	0.62	JD	0.17	2.0	mg/kg dry	EPA 8270D	R-05
Acenaphthene	0.61	JD	0.17	2.0	mg/kg dry	EPA 8270D	R-05
Benzo(a)anthracene	0.68	JD	0.17	2.0	mg/kg dry	EPA 8270D	R-05
Benzo(a)pyrene	1.0	JD	0.20	2.0	mg/kg dry	EPA 8270D	R-05
Benzo(b)fluoranthene	1.3	JD	0.11	2.0	mg/kg dry	EPA 8270D	R-05
Benzo(g,h,i)perylene	0.86	JD	0.28	2.0	mg/kg dry	EPA 8270D	R-05
Benzo(k)fluoranthene	0.63	JD	0.20	2.0	mg/kg dry	EPA 8270D	R-05
Chromium - Total	7.76		0.118	0.592	mg/kg dry	EPA 6010C	
Chrysene	0.87	JD	0.18	2.0	mg/kg dry	EPA 8270D	R-05
Fluoranthene	1.7	JD	0.21	2.0	mg/kg dry	EPA 8270D	R-05
Fluorene	1.8	JD	0.17	2.0	mg/kg dry	EPA 8270D	R-05
Indeno(1,2,3-cd)pyrene	0.70	JD	0.28	2.0	mg/kg dry	EPA 8270D	R-05
Isopropylbenzene	0.55	D	0.017	0.11	mg/kg dry	EPA 8260B	
Lead - Total	31.2		0.142	0.592	mg/kg dry	EPA 6010C	
n-Butyl Benzene	1.8	D	0.024	0.11	mg/kg dry	EPA 8260B	
n-Propyl Benzene	0.39	D	0.020	0.11	mg/kg dry	EPA 8260B	
Oil & Grease (HEM)	13200		59.2	59.2	mg/kg dry	EPA 9071B	
Phenanthrene	3.9	D	0.16	2.0	mg/kg dry	EPA 8270D	R-05
Pyrene	1.8	JD	0.22	2.0	mg/kg dry	EPA 8270D	R-05
sec-Butylbenzene	1.8	D	0.024	0.11	mg/kg dry	EPA 8260B	

Client ID: SP-29 BASE **Lab ID: C102268-15**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
2-Butanone	0.031		0.0011	0.0071	mg/kg dry	EPA 8260B	
4-Isopropyltoluene	0.0013	J	0.00023	0.0014	mg/kg dry	EPA 8260B	
Acetone	0.15		0.0017	0.0071	mg/kg dry	EPA 8260B	
Chromium - Total	3.82		0.142	0.708	mg/kg dry	EPA 6010C	
Lead - Total	29.9		0.170	0.708	mg/kg dry	EPA 6010C	
n-Butyl Benzene	0.0018		0.00031	0.0014	mg/kg dry	EPA 8260B	
Oil & Grease (HEM)	393		70.8	70.8	mg/kg dry	EPA 9071B	
sec-Butylbenzene	0.0015		0.00031	0.0014	mg/kg dry	EPA 8260B	

Client ID: SP-29 STOCK **Lab ID: C102268-18**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Lead - TCLP	0.107	JD	0.0800	12.5	mg/L	EPA 6020A	

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ANALYTICAL RESULTS

Description: SP-23 NSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-01
Sampled: 03/07/11 14:22
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 86.8

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00020	U	mg/kg dry	1	0.00020	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00023	U	mg/kg dry	1	0.00023	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00025	U	mg/kg dry	1	0.00025	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00030	U	mg/kg dry	1	0.00030	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00032	U	mg/kg dry	1	0.00032	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00021	U	mg/kg dry	1	0.00021	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00034	U	mg/kg dry	1	0.00034	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00027	U	mg/kg dry	1	0.00027	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00078	U	mg/kg dry	1	0.00078	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00045	U	mg/kg dry	1	0.00045	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00027	U	mg/kg dry	1	0.00027	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00037	U	mg/kg dry	1	0.00037	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00026	U	mg/kg dry	1	0.00026	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00020	U	mg/kg dry	1	0.00020	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00022	U	mg/kg dry	1	0.00022	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00029	U	mg/kg dry	1	0.00029	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00020	U	mg/kg dry	1	0.00020	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00023	U	mg/kg dry	1	0.00023	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
2-Butanone [78-93-3] ^	0.00077	U	mg/kg dry	1	0.00077	0.0049	1C12002	EPA 8260B	03/12/11 14:32	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00048	U	mg/kg dry	1	0.00048	0.0049	1C12002	EPA 8260B	03/12/11 14:32	JKG	
2-Chlorotoluene [95-49-8] ^	0.00018	U	mg/kg dry	1	0.00018	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
2-Hexanone [591-78-6] ^	0.00074	U	mg/kg dry	1	0.00074	0.0049	1C12002	EPA 8260B	03/12/11 14:32	JKG	
4-Chlorotoluene [106-43-4] ^	0.00026	U	mg/kg dry	1	0.00026	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00056	U	mg/kg dry	1	0.00056	0.0049	1C12002	EPA 8260B	03/12/11 14:32	JKG	
Acetone [67-64-1] ^	**0.017**		mg/kg dry	1	0.0012	0.0049	1C12002	EPA 8260B	03/12/11 14:32	JKG	
Benzene [71-43-2] ^	0.00017	U	mg/kg dry	1	0.00017	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
Bromobenzene [108-86-1] ^	0.00022	U	mg/kg dry	1	0.00022	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
Bromochloromethane [74-97-5] ^	0.00040	U	mg/kg dry	1	0.00040	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
Bromodichloromethane [75-27-4] ^	0.00024	U	mg/kg dry	1	0.00024	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
Bromoform [75-25-2] ^	0.00044	U	mg/kg dry	1	0.00044	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
Bromomethane [74-83-9] ^	0.00023	U	mg/kg dry	1	0.00023	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
Carbon disulfide [75-15-0] ^	0.00038	U	mg/kg dry	1	0.00038	0.0049	1C12002	EPA 8260B	03/12/11 14:32	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00022	U	mg/kg dry	1	0.00022	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
Chlorobenzene [108-90-7] ^	0.00017	U	mg/kg dry	1	0.00017	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
Chloroethane [75-00-3] ^	0.00025	U	mg/kg dry	1	0.00025	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
Chloroform [67-66-3] ^	0.00017	U	mg/kg dry	1	0.00017	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
Chloromethane [74-87-3] ^	0.00015	U	mg/kg dry	1	0.00015	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00023	U	mg/kg dry	1	0.00023	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00013	U	mg/kg dry	1	0.00013	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
Dibromochloromethane [124-48-1] ^	0.00035	U	mg/kg dry	1	0.00035	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
Dibromomethane [74-95-3] ^	0.00031	U	mg/kg dry	1	0.00031	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00044	U	mg/kg dry	1	0.00044	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
Ethylbenzene [100-41-4] ^	0.00020	U	mg/kg dry	1	0.00020	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00035	U	mg/kg dry	1	0.00035	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	

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Description: SP-23 NSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-01
Sampled: 03/07/11 14:22
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 86.8

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Isopropylbenzene [98-82-8] ^	0.00015	U	mg/kg dry	1	0.00015	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00036	U	mg/kg dry	1	0.00036	0.0020	1C12002	EPA 8260B	03/12/11 14:32	JKG	
Methylene Chloride [75-09-2] ^	0.00055	U	mg/kg dry	1	0.00055	0.0020	1C12002	EPA 8260B	03/12/11 14:32	JKG	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00030	U	mg/kg dry	1	0.00030	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
Naphthalene [91-20-3] ^	0.00024	U	mg/kg dry	1	0.00024	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
n-Butyl Benzene [104-51-8] ^	0.00022	U	mg/kg dry	1	0.00022	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
n-Propyl Benzene [103-65-1] ^	0.00018	U	mg/kg dry	1	0.00018	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
o-Xylene [95-47-6] ^	0.00022	U	mg/kg dry	1	0.00022	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
sec-Butylbenzene [135-98-8] ^	0.00022	U	mg/kg dry	1	0.00022	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
Styrene [100-42-5] ^	0.00017	U	mg/kg dry	1	0.00017	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
tert-Butylbenzene [98-06-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
Tetrachloroethene [127-18-4] ^	0.00028	U	mg/kg dry	1	0.00028	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
Toluene [108-88-3] ^	0.00020	U	mg/kg dry	1	0.00020	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00036	U	mg/kg dry	1	0.00036	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00038	U	mg/kg dry	1	0.00038	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
Trichloroethene [79-01-6] ^	0.00027	U	mg/kg dry	1	0.00027	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00026	U	mg/kg dry	1	0.00026	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
Vinyl chloride [75-01-4] ^	0.00024	U	mg/kg dry	1	0.00024	0.00099	1C12002	EPA 8260B	03/12/11 14:32	JKG	
Xylenes (Total) [1330-20-7] ^	0.00055	U	mg/kg dry	1	0.00055	0.0030	1C12002	EPA 8260B	03/12/11 14:32	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*47*	*1*	*50.0*	*94 %*	*61-118*	*1C12002*	*EPA 8260B*	*03/12/11 14:32*	*JKG*	
Dibromofluoromethane	*48*	*1*	*50.0*	*96 %*	*66-114*	*1C12002*	*EPA 8260B*	*03/12/11 14:32*	*JKG*	
Toluene-d8	*49*	*1*	*50.0*	*99 %*	*63-118*	*1C12002*	*EPA 8260B*	*03/12/11 14:32*	*JKG*	

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Description: SP-23 NSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-01
Sampled: 03/07/11 14:22
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 86.8

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
1,2-Dichlorobenzene [95-50-1] ^	0.027	U	mg/kg dry	1	0.027	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
1,3-Dichlorobenzene [541-73-1] ^	0.023	U	mg/kg dry	1	0.023	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
1,4-Dichlorobenzene [106-46-7] ^	0.024	U	mg/kg dry	1	0.024	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
1-Methylnaphthalene [90-12-0] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
2,4,5-Trichlorophenol [95-95-4] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
2,4-Dichlorophenol [120-83-2] ^	0.028	U	mg/kg dry	1	0.028	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
2,4-Dimethylphenol [105-67-9] ^	0.050	U	mg/kg dry	1	0.050	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
2,4-Dinitrophenol [51-28-5] ^	0.050	U	mg/kg dry	1	0.050	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
2,4-Dinitrotoluene [121-14-2] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
2,6-Dinitrotoluene [606-20-2] ^	0.036	U	mg/kg dry	1	0.036	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
2-Chloronaphthalene [91-58-7] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
2-Chlorophenol [95-57-8] ^	0.029	U	mg/kg dry	1	0.029	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
2-Methylnaphthalene [91-57-6] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
2-Methylphenol [95-48-7] ^	0.029	U	mg/kg dry	1	0.029	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
2-Nitroaniline [88-74-4] ^	0.035	U	mg/kg dry	1	0.035	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
2-Nitrophenol [88-75-5] ^	0.036	U	mg/kg dry	1	0.036	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	0.11	U	mg/kg dry	1	0.11	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
3-Nitroaniline [99-09-2] ^	0.041	U	mg/kg dry	1	0.041	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
4-Chloroaniline [106-47-8] ^	0.11	U	mg/kg dry	1	0.11	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
4-Nitroaniline [100-01-6] ^	0.061	U	mg/kg dry	1	0.061	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
4-Nitrophenol [100-02-7]	0.036	U	mg/kg dry	1	0.036	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
Acenaphthene [83-32-9] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
Acenaphthylene [208-96-8] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
Anthracene [120-12-7] ^	0.044	U	mg/kg dry	1	0.044	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
Benzidine [92-87-5] ^	0.13	U	mg/kg dry	1	0.13	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
Benzo(a)anthracene [56-55-3] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
Benzo(a)pyrene [50-32-8] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
Benzo(b)fluoranthene [205-99-2] ^	0.021	U	mg/kg dry	1	0.021	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	0.054	U	mg/kg dry	1	0.054	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
Benzoic acid [65-85-0] ^	0.17	U	mg/kg dry	1	0.17	2.0	1C18001	EPA 8270D	03/21/11 17:48	DFM	
Benzyl alcohol [100-51-6] ^	0.027	U	mg/kg dry	1	0.027	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	0.029	U	mg/kg dry	1	0.029	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	0.050	U	mg/kg dry	1	0.050	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] ^	0.028	U	mg/kg dry	1	0.028	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	0.040	U	mg/kg dry	1	0.040	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	QV-01
Butylbenzylphthalate [85-68-7] ^	0.046	U	mg/kg dry	1	0.046	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
Chrysene [218-01-9] ^	0.035	U	mg/kg dry	1	0.035	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.059	U	mg/kg dry	1	0.059	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
Dibenzofuran [132-64-9] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
Diethylphthalate [84-66-2] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
Dimethylphthalate [131-11-3] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
Di-n-butylphthalate [84-74-2] ^	0.047	U	mg/kg dry	1	0.047	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
Di-n-octylphthalate [117-84-0] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	

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Project: Point Harbour Site

Lab Sample ID: C102268-01
Sampled: 03/07/11 14:22
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 86.8

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	0.041	U	mg/kg dry	1	0.041	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
Fluorene [86-73-7] ^	0.033	U	mg/kg dry	1	0.033	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
Hexachlorobenzene [118-74-1] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
Hexachlorobutadiene [87-68-3] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	0.045	U	mg/kg dry	1	0.045	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
Hexachloroethane [67-72-1] ^	0.024	U	mg/kg dry	1	0.024	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.054	U	mg/kg dry	1	0.054	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
Isophorone [78-59-1] ^	0.035	U	mg/kg dry	1	0.035	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
Naphthalene [91-20-3] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
Nitrobenzene [98-95-3] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
N-Nitrosodimethylamine [62-75-9] ^	0.024	U	mg/kg dry	1	0.024	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	0.093	U	mg/kg dry	1	0.093	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	0.062	U	mg/kg dry	1	0.062	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
Pentachlorophenol [87-86-5]	0.038	U	mg/kg dry	1	0.038	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	QV-01
Phenanthrene [85-01-8] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
Phenol [108-95-2] ^	0.025	U	mg/kg dry	1	0.025	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
Pyrene [129-00-0] ^	0.044	U	mg/kg dry	1	0.044	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	
Pyridine [110-86-1] ^	0.094	U	mg/kg dry	1	0.094	0.38	1C18001	EPA 8270D	03/21/11 17:48	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*3.8*	*1*	*3.84*	*100 %*	*28-130*	*1C18001*	*EPA 8270D*	*03/21/11 17:48*	*DFM*	
2-Fluorobiphenyl	*1.8*	*1*	*1.92*	*94 %*	*56-120*	*1C18001*	*EPA 8270D*	*03/21/11 17:48*	*DFM*	
2-Fluorophenol	*2.8*	*1*	*3.84*	*73 %*	*49-126*	*1C18001*	*EPA 8270D*	*03/21/11 17:48*	*DFM*	
Nitrobenzene-d5	*1.6*	*1*	*1.92*	*84 %*	*50-117*	*1C18001*	*EPA 8270D*	*03/21/11 17:48*	*DFM*	
Phenol-d5	*3.1*	*1*	*3.84*	*82 %*	*56-120*	*1C18001*	*EPA 8270D*	*03/21/11 17:48*	*DFM*	
Terphenyl-d14	*1.8*	*1*	*1.92*	*96 %*	*36-151*	*1C18001*	*EPA 8270D*	*03/21/11 17:48*	*DFM*	

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Description: SP-23 NSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-01
Sampled: 03/07/11 14:22
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 86.8

Organochlorine Pesticides by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8] ^	0.00037	U	mg/kg dry	1	0.00037	0.0020	1C17033	EPA 8081B	03/21/11 11:41	MSZ	
4,4'-DDE [72-55-9] ^	0.00047	U	mg/kg dry	1	0.00047	0.0020	1C17033	EPA 8081B	03/21/11 11:41	MSZ	
4,4'-DDT [50-29-3] ^	0.00060	U	mg/kg dry	1	0.00060	0.0020	1C17033	EPA 8081B	03/21/11 11:41	MSZ	
Aldrin [309-00-2] ^	0.00041	U	mg/kg dry	1	0.00041	0.0020	1C17033	EPA 8081B	03/21/11 11:41	MSZ	
alpha-BHC [319-84-6] ^	0.00056	U	mg/kg dry	1	0.00056	0.0020	1C17033	EPA 8081B	03/21/11 11:41	MSZ	
beta-BHC [319-85-7] ^	0.00082	U	mg/kg dry	1	0.00082	0.0020	1C17033	EPA 8081B	03/21/11 11:41	MSZ	
Chlordane (tech) [12789-03-6] ^	0.0013	U	mg/kg dry	1	0.0013	0.038	1C17033	EPA 8081B	03/21/11 11:41	MSZ	
Chlordane-alpha [5103-71-9] ^	0.00053	U	mg/kg dry	1	0.00053	0.0020	1C17033	EPA 8081B	03/21/11 11:41	MSZ	
Chlordane-gamma [5566-34-7] ^	0.00069	U	mg/kg dry	1	0.00069	0.0020	1C17033	EPA 8081B	03/21/11 11:41	MSZ	
delta-BHC [319-86-8] ^	0.00035	U	mg/kg dry	1	0.00035	0.0020	1C17033	EPA 8081B	03/21/11 11:41	MSZ	
Dieldrin [60-57-1] ^	0.00037	U	mg/kg dry	1	0.00037	0.0020	1C17033	EPA 8081B	03/21/11 11:41	MSZ	
Endosulfan I [959-98-8] ^	0.00047	U	mg/kg dry	1	0.00047	0.0020	1C17033	EPA 8081B	03/21/11 11:41	MSZ	
Endosulfan II [33213-65-9] ^	0.00045	U	mg/kg dry	1	0.00045	0.0020	1C17033	EPA 8081B	03/21/11 11:41	MSZ	
Endosulfan sulfate [1031-07-8] ^	0.00055	U	mg/kg dry	1	0.00055	0.0020	1C17033	EPA 8081B	03/21/11 11:41	MSZ	
Endrin [72-20-8] ^	0.00045	U	mg/kg dry	1	0.00045	0.0020	1C17033	EPA 8081B	03/21/11 11:41	MSZ	
Endrin aldehyde [7421-93-4] ^	0.00039	U	mg/kg dry	1	0.00039	0.0020	1C17033	EPA 8081B	03/21/11 11:41	MSZ	
Endrin ketone [53494-70-5] ^	0.00035	U	mg/kg dry	1	0.00035	0.0020	1C17033	EPA 8081B	03/21/11 11:41	MSZ	
gamma-BHC [58-89-9] ^	0.00048	U	mg/kg dry	1	0.00048	0.0020	1C17033	EPA 8081B	03/21/11 11:41	MSZ	
Heptachlor [76-44-8] ^	0.00053	U	mg/kg dry	1	0.00053	0.0020	1C17033	EPA 8081B	03/21/11 11:41	MSZ	
Heptachlor epoxide [1024-57-3] ^	0.00050	U	mg/kg dry	1	0.00050	0.0020	1C17033	EPA 8081B	03/21/11 11:41	MSZ	
Isodrin [465-73-6] ^	0.00041	U	mg/kg dry	1	0.00041	0.0020	1C17033	EPA 8081B	03/21/11 11:41	MSZ	
Methoxychlor [72-43-5] ^	0.00048	U	mg/kg dry	1	0.00048	0.0020	1C17033	EPA 8081B	03/21/11 11:41	MSZ	
Mirex [2385-85-5] ^	0.00065	U	mg/kg dry	1	0.00065	0.0020	1C17033	EPA 8081B	03/21/11 11:41	MSZ	
Toxaphene [8001-35-2] ^	0.012	U	mg/kg dry	1	0.012	0.020	1C17033	EPA 8081B	03/21/11 11:41	MSZ	

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Polychlorinated Biphenyls by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
PCB-1016/1242 [12674-11-2/53469-21-9] ^	0.0088	U	mg/kg dry	1	0.0088	0.020	1C17034	EPA 8082A	03/21/11 11:41	MSZ	
PCB-1221 [11104-28-2] ^	0.0060	U	mg/kg dry	1	0.0060	0.020	1C17034	EPA 8082A	03/21/11 11:41	MSZ	
PCB-1232 [11141-16-5] ^	0.0060	U	mg/kg dry	1	0.0060	0.020	1C17034	EPA 8082A	03/21/11 11:41	MSZ	
PCB-1248 [12672-29-6] ^	0.0060	U	mg/kg dry	1	0.0060	0.020	1C17034	EPA 8082A	03/21/11 11:41	MSZ	
PCB-1254 [11097-69-1] ^	0.0060	U	mg/kg dry	1	0.0060	0.020	1C17034	EPA 8082A	03/21/11 11:41	MSZ	
PCB-1260 [11096-82-5] ^	0.0047	U	mg/kg dry	1	0.0047	0.020	1C17034	EPA 8082A	03/21/11 11:41	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,5,6-TCMX	*0.050*	*1*	*0.0384*	*130 %*	*44-168*	*1C17034*	*EPA 8082A*	*03/21/11 11:41*	*MSZ*	
Decachlorobiphenyl	*0.047*	*1*	*0.0384*	*121 %*	*S1-154*	*1C17034*	*EPA 8082A*	*03/21/11 11:41*	*MSZ*	

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Description: SP-23 NSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-01
Sampled: 03/07/11 14:22
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 86.8

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	**3.55**	B	mg/kg dry	1	0.115	0.576	1C09009	EPA 6010C	03/10/11 10:30	JDH	QB-01
Lead [7439-92-1] ^	**4.09**		mg/kg dry	1	0.138	0.576	1C09009	EPA 6010C	03/10/11 10:30	JDH	

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Description:	SP-23 NSW	**Lab Sample ID:**	C102268-01	**Received:**	03/08/11 13:00
Matrix:	Soil	**Sampled:**	03/07/11 14:22	**Work Order:**	C102268
Project:	Point Harbour Site	**Sampled By:**	Michael Sabodish	**% Solids:**	86.8

Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM) [C-0007] ^	**115**		mg/kg dry	1	57.6	57.6	1C14013	EPA 9071B	03/16/11 15:00	MJF	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SP-23 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-02
Sampled: 03/07/11 14:22
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 87.1

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00020	U	mg/kg dry	1	0.00020	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00023	U	mg/kg dry	1	0.00023	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00025	U	mg/kg dry	1	0.00025	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00030	U	mg/kg dry	1	0.00030	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00032	U	mg/kg dry	1	0.00032	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00021	U	mg/kg dry	1	0.00021	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00034	U	mg/kg dry	1	0.00034	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00027	U	mg/kg dry	1	0.00027	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00079	U	mg/kg dry	1	0.00079	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00046	U	mg/kg dry	1	0.00046	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00027	U	mg/kg dry	1	0.00027	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00038	U	mg/kg dry	1	0.00038	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00026	U	mg/kg dry	1	0.00026	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00020	U	mg/kg dry	1	0.00020	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00022	U	mg/kg dry	1	0.00022	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00029	U	mg/kg dry	1	0.00029	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00020	U	mg/kg dry	1	0.00020	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00023	U	mg/kg dry	1	0.00023	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
2-Butanone [78-93-3] ^	0.00078	U	mg/kg dry	1	0.00078	0.0050	1C14027	EPA 8260B	03/14/11 22:49	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00049	U	mg/kg dry	1	0.00049	0.0050	1C14027	EPA 8260B	03/14/11 22:49	JKG	
2-Chlorotoluene [95-49-8] ^	0.00018	U	mg/kg dry	1	0.00018	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
2-Hexanone [591-78-6] ^	0.00075	U	mg/kg dry	1	0.00075	0.0050	1C14027	EPA 8260B	03/14/11 22:49	JKG	
4-Chlorotoluene [106-43-4] ^	0.00026	U	mg/kg dry	1	0.00026	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00057	U	mg/kg dry	1	0.00057	0.0050	1C14027	EPA 8260B	03/14/11 22:49	JKG	
Acetone [67-64-1] ^	**0.016**		mg/kg dry	1	0.0012	0.0050	1C14027	EPA 8260B	03/14/11 22:49	JKG	
Benzene [71-43-2] ^	0.00017	U	mg/kg dry	1	0.00017	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
Bromobenzene [108-86-1] ^	0.00022	U	mg/kg dry	1	0.00022	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
Bromochloromethane [74-97-5] ^	0.00041	U	mg/kg dry	1	0.00041	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
Bromodichloromethane [75-27-4] ^	0.00024	U	mg/kg dry	1	0.00024	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
Bromoform [75-25-2] ^	0.00045	U	mg/kg dry	1	0.00045	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
Bromomethane [74-83-9] ^	0.00023	U	mg/kg dry	1	0.00023	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
Carbon disulfide [75-15-0] ^	0.00039	U	mg/kg dry	1	0.00039	0.0050	1C14027	EPA 8260B	03/14/11 22:49	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00022	U	mg/kg dry	1	0.00022	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
Chlorobenzene [108-90-7] ^	0.00017	U	mg/kg dry	1	0.00017	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
Chloroethane [75-00-3] ^	0.00025	U	mg/kg dry	1	0.00025	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
Chloroform [67-66-3] ^	0.00017	U	mg/kg dry	1	0.00017	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
Chloromethane [74-87-3] ^	0.00015	U	mg/kg dry	1	0.00015	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00023	U	mg/kg dry	1	0.00023	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00013	U	mg/kg dry	1	0.00013	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
Dibromochloromethane [124-48-1] ^	0.00035	U	mg/kg dry	1	0.00035	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
Dibromomethane [74-95-3] ^	0.00031	U	mg/kg dry	1	0.00031	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00045	U	mg/kg dry	1	0.00045	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
Ethylbenzene [100-41-4] ^	0.00020	U	mg/kg dry	1	0.00020	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00035	U	mg/kg dry	1	0.00035	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
Isopropylbenzene [98-82-8] ^	0.00015	U	mg/kg dry	1	0.00015	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00037	U	mg/kg dry	1	0.00037	0.0020	1C14027	EPA 8260B	03/14/11 22:49	JKG	
Methylene Chloride [75-09-2] ^	0.00056	U	mg/kg dry	1	0.00056	0.0020	1C14027	EPA 8260B	03/14/11 22:49	JKG	

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Description: SP-23 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-02
Sampled: 03/07/11 14:22
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 87.1

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00030	U	mg/kg dry	1	0.00030	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
Naphthalene [91-20-3] ^	0.00024	U	mg/kg dry	1	0.00024	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
n-Butyl Benzene [104-51-8] ^	0.00022	U	mg/kg dry	1	0.00022	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
n-Propyl Benzene [103-65-1] ^	0.00018	U	mg/kg dry	1	0.00018	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
o-Xylene [95-47-6] ^	0.00022	U	mg/kg dry	1	0.00022	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
sec-Butylbenzene [135-98-8] ^	0.00022	U	mg/kg dry	1	0.00022	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
Styrene [100-42-5] ^	0.00017	U	mg/kg dry	1	0.00017	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
tert-Butylbenzene [98-06-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
Tetrachloroethene [127-18-4] ^	0.00028	U	mg/kg dry	1	0.00028	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
Toluene [108-88-3] ^	0.00020	U	mg/kg dry	1	0.00020	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00037	U	mg/kg dry	1	0.00037	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00039	U	mg/kg dry	1	0.00039	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
Trichloroethene [79-01-6] ^	0.00027	U	mg/kg dry	1	0.00027	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00026	U	mg/kg dry	1	0.00026	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
Vinyl chloride [75-01-4] ^	0.00024	U	mg/kg dry	1	0.00024	0.0010	1C14027	EPA 8260B	03/14/11 22:49	JKG	
Xylenes (Total) [1330-20-7] ^	0.00056	U	mg/kg dry	1	0.00056	0.0030	1C14027	EPA 8260B	03/14/11 22:49	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*47*	*1*	*50.0*	*94 %*	*61-118*	*1C14027*	*EPA 8260B*	*03/14/11 22:49*	*JKG*	
Dibromofluoromethane	*44*	*1*	*50.0*	*88 %*	*66-114*	*1C14027*	*EPA 8260B*	*03/14/11 22:49*	*JKG*	
Toluene-d8	*46*	*1*	*50.0*	*93 %*	*63-118*	*1C14027*	*EPA 8260B*	*03/14/11 22:49*	*JKG*	

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Description: SP-23 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-02
Sampled: 03/07/11 14:22
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 87.1

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
1,2-Dichlorobenzene [95-50-1] ^	0.026	U	mg/kg dry	1	0.026	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
1,3-Dichlorobenzene [541-73-1] ^	0.023	U	mg/kg dry	1	0.023	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
1,4-Dichlorobenzene [106-46-7] ^	0.024	U	mg/kg dry	1	0.024	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
1-Methylnaphthalene [90-12-0] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
2,4,5-Trichlorophenol [95-95-4] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
2,4-Dichlorophenol [120-83-2] ^	0.028	U	mg/kg dry	1	0.028	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
2,4-Dimethylphenol [105-67-9] ^	0.049	U	mg/kg dry	1	0.049	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
2,4-Dinitrophenol [51-28-5] ^	0.049	U	mg/kg dry	1	0.049	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
2,4-Dinitrotoluene [121-14-2] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
2,6-Dinitrotoluene [606-20-2] ^	0.036	U	mg/kg dry	1	0.036	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
2-Chloronaphthalene [91-58-7] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
2-Chlorophenol [95-57-8] ^	0.029	U	mg/kg dry	1	0.029	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
2-Methylnaphthalene [91-57-6] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
2-Methylphenol [95-48-7] ^	0.029	U	mg/kg dry	1	0.029	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
2-Nitroaniline [88-74-4] ^	0.034	U	mg/kg dry	1	0.034	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
2-Nitrophenol [88-75-5] ^	0.036	U	mg/kg dry	1	0.036	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	0.11	U	mg/kg dry	1	0.11	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
3-Nitroaniline [99-09-2] ^	0.041	U	mg/kg dry	1	0.041	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
4-Chloroaniline [106-47-8] ^	0.11	U	mg/kg dry	1	0.11	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
4-Nitroaniline [100-01-6] ^	0.061	U	mg/kg dry	1	0.061	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
4-Nitrophenol [100-02-7]	0.036	U	mg/kg dry	1	0.036	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
Acenaphthene [83-32-9] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
Acenaphthylene [208-96-8] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
Anthracene [120-12-7] ^	0.044	U	mg/kg dry	1	0.044	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
Benzidine [92-87-5] ^	0.13	U	mg/kg dry	1	0.13	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
Benzo(a)anthracene [56-55-3] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
Benzo(a)pyrene [50-32-8] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
Benzo(b)fluoranthene [205-99-2] ^	0.021	U	mg/kg dry	1	0.021	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	0.054	U	mg/kg dry	1	0.054	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
Benzoic acid [65-85-0] ^	0.17	U	mg/kg dry	1	0.17	2.0	1C18001	EPA 8270D	03/21/11 18:14	DFM	
Benzyl alcohol [100-51-6] ^	0.026	U	mg/kg dry	1	0.026	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	0.029	U	mg/kg dry	1	0.029	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	0.049	U	mg/kg dry	1	0.049	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] ^	0.028	U	mg/kg dry	1	0.028	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	0.040	U	mg/kg dry	1	0.040	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	QV-01
Butylbenzylphthalate [85-68-7] ^	0.046	U	mg/kg dry	1	0.046	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
Chrysene [218-01-9] ^	0.034	U	mg/kg dry	1	0.034	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.059	U	mg/kg dry	1	0.059	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
Dibenzofuran [132-64-9] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
Diethylphthalate [84-66-2] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
Dimethylphthalate [131-11-3] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
Di-n-butylphthalate [84-74-2] ^	0.047	U	mg/kg dry	1	0.047	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
Di-n-octylphthalate [117-84-0] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	

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Description: SP-23 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-02
Sampled: 03/07/11 14:22
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 87.1

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	0.041	U	mg/kg dry	1	0.041	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
Fluorene [86-73-7] ^	0.033	U	mg/kg dry	1	0.033	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
Hexachlorobenzene [118-74-1] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
Hexachlorobutadiene [87-68-3] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	0.045	U	mg/kg dry	1	0.045	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
Hexachloroethane [67-72-1] ^	0.024	U	mg/kg dry	1	0.024	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.054	U	mg/kg dry	1	0.054	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
Isophorone [78-59-1] ^	0.034	U	mg/kg dry	1	0.034	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
Naphthalene [91-20-3] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
Nitrobenzene [98-95-3] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
N-Nitrosodimethylamine [62-75-9] ^	0.024	U	mg/kg dry	1	0.024	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	0.093	U	mg/kg dry	1	0.093	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	0.062	U	mg/kg dry	1	0.062	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
Pentachlorophenol [87-86-5]	0.038	U	mg/kg dry	1	0.038	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	QV-01
Phenanthrene [85-01-8] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
Phenol [108-95-2] ^	0.025	U	mg/kg dry	1	0.025	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
Pyrene [129-00-0] ^	0.044	U	mg/kg dry	1	0.044	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	
Pyridine [110-86-1] ^	0.094	U	mg/kg dry	1	0.094	0.38	1C18001	EPA 8270D	03/21/11 18:14	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*3.8*	*1*	*3.83*	*99 %*	*28-130*	*1C18001*	*EPA 8270D*	*03/21/11 18:14*	*DFM*	
2-Fluorobiphenyl	*1.8*	*1*	*1.91*	*93 %*	*56-120*	*1C18001*	*EPA 8270D*	*03/21/11 18:14*	*DFM*	
2-Fluorophenol	*2.7*	*1*	*3.83*	*70 %*	*49-126*	*1C18001*	*EPA 8270D*	*03/21/11 18:14*	*DFM*	
Nitrobenzene-d5	*1.6*	*1*	*1.91*	*82 %*	*50-117*	*1C18001*	*EPA 8270D*	*03/21/11 18:14*	*DFM*	
Phenol-d5	*3.0*	*1*	*3.83*	*78 %*	*56-120*	*1C18001*	*EPA 8270D*	*03/21/11 18:14*	*DFM*	
Terphenyl-d14	*1.8*	*1*	*1.91*	*95 %*	*36-151*	*1C18001*	*EPA 8270D*	*03/21/11 18:14*	*DFM*	

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Description: SP-23 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-02
Sampled: 03/07/11 14:22
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 87.1

Organochlorine Pesticides by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8] ^	0.00037	U	mg/kg dry	1	0.00037	0.0020	1C17033	EPA 8081B	03/21/11 11:54	MSZ	
4,4'-DDE [72-55-9] ^	0.00047	U	mg/kg dry	1	0.00047	0.0020	1C17033	EPA 8081B	03/21/11 11:54	MSZ	
4,4'-DDT [50-29-3] ^	0.00060	U	mg/kg dry	1	0.00060	0.0020	1C17033	EPA 8081B	03/21/11 11:54	MSZ	
Aldrin [309-00-2] ^	0.00041	U	mg/kg dry	1	0.00041	0.0020	1C17033	EPA 8081B	03/21/11 11:54	MSZ	
alpha-BHC [319-84-6] ^	0.00056	U	mg/kg dry	1	0.00056	0.0020	1C17033	EPA 8081B	03/21/11 11:54	MSZ	
beta-BHC [319-85-7] ^	0.00082	U	mg/kg dry	1	0.00082	0.0020	1C17033	EPA 8081B	03/21/11 11:54	MSZ	
Chlordane (tech) [12789-03-6] ^	0.0013	U	mg/kg dry	1	0.0013	0.038	1C17033	EPA 8081B	03/21/11 11:54	MSZ	
Chlordane-alpha [5103-71-9] ^	0.00053	U	mg/kg dry	1	0.00053	0.0020	1C17033	EPA 8081B	03/21/11 11:54	MSZ	
Chlordane-gamma [5566-34-7] ^	0.00069	U	mg/kg dry	1	0.00069	0.0020	1C17033	EPA 8081B	03/21/11 11:54	MSZ	
delta-BHC [319-86-8] ^	0.00034	U	mg/kg dry	1	0.00034	0.0020	1C17033	EPA 8081B	03/21/11 11:54	MSZ	
Dieldrin [60-57-1] ^	0.00037	U	mg/kg dry	1	0.00037	0.0020	1C17033	EPA 8081B	03/21/11 11:54	MSZ	
Endosulfan I [959-98-8] ^	0.00047	U	mg/kg dry	1	0.00047	0.0020	1C17033	EPA 8081B	03/21/11 11:54	MSZ	
Endosulfan II [33213-65-9] ^	0.00045	U	mg/kg dry	1	0.00045	0.0020	1C17033	EPA 8081B	03/21/11 11:54	MSZ	
Endosulfan sulfate [1031-07-8] ^	0.00055	U	mg/kg dry	1	0.00055	0.0020	1C17033	EPA 8081B	03/21/11 11:54	MSZ	
Endrin [72-20-8] ^	0.00045	U	mg/kg dry	1	0.00045	0.0020	1C17033	EPA 8081B	03/21/11 11:54	MSZ	
Endrin aldehyde [7421-93-4] ^	0.00039	U	mg/kg dry	1	0.00039	0.0020	1C17033	EPA 8081B	03/21/11 11:54	MSZ	
Endrin ketone [53494-70-5] ^	0.00034	U	mg/kg dry	1	0.00034	0.0020	1C17033	EPA 8081B	03/21/11 11:54	MSZ	
gamma-BHC [58-89-9] ^	0.00048	U	mg/kg dry	1	0.00048	0.0020	1C17033	EPA 8081B	03/21/11 11:54	MSZ	
Heptachlor [76-44-8] ^	0.00053	U	mg/kg dry	1	0.00053	0.0020	1C17033	EPA 8081B	03/21/11 11:54	MSZ	
Heptachlor epoxide [1024-57-3] ^	0.00049	U	mg/kg dry	1	0.00049	0.0020	1C17033	EPA 8081B	03/21/11 11:54	MSZ	
Isodrin [465-73-6] ^	0.00041	U	mg/kg dry	1	0.00041	0.0020	1C17033	EPA 8081B	03/21/11 11:54	MSZ	
Methoxychlor [72-43-5] ^	0.00048	U	mg/kg dry	1	0.00048	0.0020	1C17033	EPA 8081B	03/21/11 11:54	MSZ	
Mirex [2385-85-5] ^	0.00064	U	mg/kg dry	1	0.00064	0.0020	1C17033	EPA 8081B	03/21/11 11:54	MSZ	
Toxaphene [8001-35-2] ^	0.012	U	mg/kg dry	1	0.012	0.020	1C17033	EPA 8081B	03/21/11 11:54	MSZ	

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Description: SP-23 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-02
Sampled: 03/07/11 14:22
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 87.1

Polychlorinated Biphenyls by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
PCB-1016/1242 [12674-11-2/53469-21-9] ^	0.0087	U	mg/kg dry	1	0.0087	0.020	1C17034	EPA 8082A	03/21/11 11:54	MSZ	
PCB-1221 [11104-28-2] ^	0.0060	U	mg/kg dry	1	0.0060	0.020	1C17034	EPA 8082A	03/21/11 11:54	MSZ	
PCB-1232 [11141-16-5] ^	0.0060	U	mg/kg dry	1	0.0060	0.020	1C17034	EPA 8082A	03/21/11 11:54	MSZ	
PCB-1248 [12672-29-6] ^	0.0060	U	mg/kg dry	1	0.0060	0.020	1C17034	EPA 8082A	03/21/11 11:54	MSZ	
PCB-1254 [11097-69-1] ^	0.0060	U	mg/kg dry	1	0.0060	0.020	1C17034	EPA 8082A	03/21/11 11:54	MSZ	
PCB-1260 [11096-82-5] ^	0.0047	U	mg/kg dry	1	0.0047	0.020	1C17034	EPA 8082A	03/21/11 11:54	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,5,6-TCMX	*0.049*	*1*	*0.0383*	*129 %*	*44-168*	*1C17034*	*EPA 8082A*	*03/21/11 11:54*	*MSZ*	
Decachlorobiphenyl	*0.049*	*1*	*0.0383*	*127 %*	*51-154*	*1C17034*	*EPA 8082A*	*03/21/11 11:54*	*MSZ*	

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Description: SP-23 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-02
Sampled: 03/07/11 14:22
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 87.1

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	**3.24**	B	mg/kg dry	1	0.115	0.574	1C09009	EPA 6010C	03/10/11 11:37	JDH	QB-01
Lead [7439-92-1] ^	**2.41**		mg/kg dry	1	0.138	0.574	1C09009	EPA 6010C	03/10/11 11:37	JDH	

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Description: SP-23 SSW	**Lab Sample ID:** C102268-02	**Received:** 03/08/11 13:00
Matrix: Soil	**Sampled:** 03/07/11 14:22	**Work Order:** C102268
Project: Point Harbour Site	**Sampled By:** Michael Sabodish	**% Solids:** 87.1

Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM) [C-0007] ^	**446**		mg/kg dry	1	57.4	57.4	1C14013	EPA 9071B	03/16/11 15:00	MJF	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SP-23 ESW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-03
Sampled: 03/07/11 14:22
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 88.2

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00020	U	mg/kg dry	1	0.00020	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00023	U	mg/kg dry	1	0.00023	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00024	U	mg/kg dry	1	0.00024	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00029	U	mg/kg dry	1	0.00029	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00031	U	mg/kg dry	1	0.00031	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00021	U	mg/kg dry	1	0.00021	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00033	U	mg/kg dry	1	0.00033	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00026	U	mg/kg dry	1	0.00026	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	**0.00043**	J	mg/kg dry	1	0.00017	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00077	U	mg/kg dry	1	0.00077	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00045	U	mg/kg dry	1	0.00045	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00026	U	mg/kg dry	1	0.00026	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00037	U	mg/kg dry	1	0.00037	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00025	U	mg/kg dry	1	0.00025	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00020	U	mg/kg dry	1	0.00020	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00022	U	mg/kg dry	1	0.00022	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00028	U	mg/kg dry	1	0.00028	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00020	U	mg/kg dry	1	0.00020	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00023	U	mg/kg dry	1	0.00023	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
2-Butanone [78-93-3] ^	**0.0088**		mg/kg dry	1	0.00076	0.0049	1C14027	EPA 8260B	03/14/11 23:18	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00048	U	mg/kg dry	1	0.00048	0.0049	1C14027	EPA 8260B	03/14/11 23:18	JKG	
2-Chlorotoluene [95-49-8] ^	0.00018	U	mg/kg dry	1	0.00018	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
2-Hexanone [591-78-6] ^	0.00073	U	mg/kg dry	1	0.00073	0.0049	1C14027	EPA 8260B	03/14/11 23:18	JKG	
4-Chlorotoluene [106-43-4] ^	0.00025	U	mg/kg dry	1	0.00025	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00056	U	mg/kg dry	1	0.00056	0.0049	1C14027	EPA 8260B	03/14/11 23:18	JKG	
Acetone [67-64-1] ^	**0.059**		mg/kg dry	1	0.0012	0.0049	1C14027	EPA 8260B	03/14/11 23:18	JKG	
Benzene [71-43-2] ^	0.00017	U	mg/kg dry	1	0.00017	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
Bromobenzene [108-86-1] ^	0.00022	U	mg/kg dry	1	0.00022	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
Bromochloromethane [74-97-5] ^	0.00040	U	mg/kg dry	1	0.00040	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
Bromodichloromethane [75-27-4] ^	0.00024	U	mg/kg dry	1	0.00024	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
Bromoform [75-25-2] ^	0.00044	U	mg/kg dry	1	0.00044	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
Bromomethane [74-83-9] ^	0.00023	U	mg/kg dry	1	0.00023	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
Carbon disulfide [75-15-0] ^	**0.0011**	J	mg/kg dry	1	0.00038	0.0049	1C14027	EPA 8260B	03/14/11 23:18	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00022	U	mg/kg dry	1	0.00022	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
Chlorobenzene [108-90-7] ^	0.00017	U	mg/kg dry	1	0.00017	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
Chloroethane [75-00-3] ^	0.00024	U	mg/kg dry	1	0.00024	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
Chloroform [67-66-3] ^	0.00017	U	mg/kg dry	1	0.00017	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
Chloromethane [74-87-3] ^	0.00015	U	mg/kg dry	1	0.00015	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00023	U	mg/kg dry	1	0.00023	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00013	U	mg/kg dry	1	0.00013	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
Dibromochloromethane [124-48-1] ^	0.00034	U	mg/kg dry	1	0.00034	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
Dibromomethane [74-95-3] ^	0.00030	U	mg/kg dry	1	0.00030	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00044	U	mg/kg dry	1	0.00044	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
Ethylbenzene [100-41-4] ^	0.00020	U	mg/kg dry	1	0.00020	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00034	U	mg/kg dry	1	0.00034	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
Isopropylbenzene [98-82-8] ^	0.00015	U	mg/kg dry	1	0.00015	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00036	U	mg/kg dry	1	0.00036	0.0020	1C14027	EPA 8260B	03/14/11 23:18	JKG	
Methylene Chloride [75-09-2] ^	**0.0017**	J	mg/kg dry	1	0.00055	0.0020	1C14027	EPA 8260B	03/14/11 23:18	JKG	

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Description: SP-23 ESW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-03
Sampled: 03/07/11 14:22
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 88.2

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00029	U	mg/kg dry	1	0.00029	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
Naphthalene [91-20-3] ^	0.00024	U	mg/kg dry	1	0.00024	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
n-Butyl Benzene [104-51-8] ^	0.00022	U	mg/kg dry	1	0.00022	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
n-Propyl Benzene [103-65-1] ^	0.00018	U	mg/kg dry	1	0.00018	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
o-Xylene [95-47-6] ^	0.00022	U	mg/kg dry	1	0.00022	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
sec-Butylbenzene [135-98-8] ^	0.00022	U	mg/kg dry	1	0.00022	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
Styrene [100-42-5] ^	0.00017	U	mg/kg dry	1	0.00017	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
tert-Butylbenzene [98-06-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
Tetrachloroethene [127-18-4] ^	0.00027	U	mg/kg dry	1	0.00027	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
Toluene [108-88-3] ^	0.00020	U	mg/kg dry	1	0.00020	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00036	U	mg/kg dry	1	0.00036	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00038	U	mg/kg dry	1	0.00038	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
Trichloroethene [79-01-6] ^	0.00026	U	mg/kg dry	1	0.00026	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00025	U	mg/kg dry	1	0.00025	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
Vinyl chloride [75-01-4] ^	0.00024	U	mg/kg dry	1	0.00024	0.00098	1C14027	EPA 8260B	03/14/11 23:18	JKG	
Xylenes (Total) [1330-20-7] ^	0.00055	U	mg/kg dry	1	0.00055	0.0029	1C14027	EPA 8260B	03/14/11 23:18	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*48*	*1*	*50.0*	*95 %*	*61-118*	*1C14027*	*EPA 8260B*	*03/14/11 23:18*	*JKG*	
Dibromofluoromethane	*43*	*1*	*50.0*	*86 %*	*66-114*	*1C14027*	*EPA 8260B*	*03/14/11 23:18*	*JKG*	
Toluene-d8	*47*	*1*	*50.0*	*94 %*	*63-118*	*1C14027*	*EPA 8260B*	*03/14/11 23:18*	*JKG*	

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Description: SP-23 ESW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-03
Sampled: 03/07/11 14:22
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 88.2

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	0.029	U	mg/kg dry	1	0.029	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
1,2-Dichlorobenzene [95-50-1] ^	0.026	U	mg/kg dry	1	0.026	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
1,3-Dichlorobenzene [541-73-1] ^	0.023	U	mg/kg dry	1	0.023	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
1,4-Dichlorobenzene [106-46-7] ^	0.024	U	mg/kg dry	1	0.024	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
1-Methylnaphthalene [90-12-0] ^	0.031	U	mg/kg dry	1	0.031	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
2,4,5-Trichlorophenol [95-95-4] ^	0.031	U	mg/kg dry	1	0.031	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	0.031	U	mg/kg dry	1	0.031	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
2,4-Dichlorophenol [120-83-2] ^	0.027	U	mg/kg dry	1	0.027	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
2,4-Dimethylphenol [105-67-9] ^	0.049	U	mg/kg dry	1	0.049	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
2,4-Dinitrophenol [51-28-5] ^	0.049	U	mg/kg dry	1	0.049	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
2,4-Dinitrotoluene [121-14-2] ^	0.032	U	mg/kg dry	1	0.032	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
2,6-Dinitrotoluene [606-20-2] ^	0.035	U	mg/kg dry	1	0.035	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
2-Chloronaphthalene [91-58-7] ^	0.032	U	mg/kg dry	1	0.032	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
2-Chlorophenol [95-57-8] ^	0.028	U	mg/kg dry	1	0.028	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	0.037	U	mg/kg dry	1	0.037	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
2-Methylnaphthalene [91-57-6] ^	0.032	U	mg/kg dry	1	0.032	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
2-Methylphenol [95-48-7] ^	0.028	U	mg/kg dry	1	0.028	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
2-Nitroaniline [88-74-4] ^	0.034	U	mg/kg dry	1	0.034	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
2-Nitrophenol [88-75-5] ^	0.035	U	mg/kg dry	1	0.035	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.029	U	mg/kg dry	1	0.029	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	0.11	U	mg/kg dry	1	0.11	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
3-Nitroaniline [99-09-2] ^	0.041	U	mg/kg dry	1	0.041	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	0.031	U	mg/kg dry	1	0.031	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	0.037	U	mg/kg dry	1	0.037	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
4-Chloroaniline [106-47-8] ^	0.11	U	mg/kg dry	1	0.11	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	0.029	U	mg/kg dry	1	0.029	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
4-Nitroaniline [100-01-6] ^	0.060	U	mg/kg dry	1	0.060	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
4-Nitrophenol [100-02-7]	0.035	U	mg/kg dry	1	0.035	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
Acenaphthene [83-32-9] ^	0.032	U	mg/kg dry	1	0.032	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
Acenaphthylene [208-96-8] ^	0.032	U	mg/kg dry	1	0.032	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
Anthracene [120-12-7] ^	0.043	U	mg/kg dry	1	0.043	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
Benzidine [92-87-5] ^	0.12	U	mg/kg dry	1	0.12	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
Benzo(a)anthracene [56-55-3] ^	0.032	U	mg/kg dry	1	0.032	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
Benzo(a)pyrene [50-32-8] ^	0.037	U	mg/kg dry	1	0.037	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
Benzo(b)fluoranthene [205-99-2] ^	0.020	U	mg/kg dry	1	0.020	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	0.053	U	mg/kg dry	1	0.053	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.037	U	mg/kg dry	1	0.037	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
Benzoic acid [65-85-0] ^	0.17	U	mg/kg dry	1	0.17	1.9	1C18001	EPA 8270D	03/21/11 18:40	DFM	
Benzyl alcohol [100-51-6] ^	0.026	U	mg/kg dry	1	0.026	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	0.028	U	mg/kg dry	1	0.028	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	0.049	U	mg/kg dry	1	0.049	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] ^	0.027	U	mg/kg dry	1	0.027	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	0.040	U	mg/kg dry	1	0.040	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	QV-01
Butylbenzylphthalate [85-68-7] ^	0.045	U	mg/kg dry	1	0.045	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
Chrysene [218-01-9] ^	0.034	U	mg/kg dry	1	0.034	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.058	U	mg/kg dry	1	0.058	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
Dibenzofuran [132-64-9] ^	0.031	U	mg/kg dry	1	0.031	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
Diethylphthalate [84-66-2] ^	0.032	U	mg/kg dry	1	0.032	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
Dimethylphthalate [131-11-3] ^	0.037	U	mg/kg dry	1	0.037	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
Di-n-butylphthalate [84-74-2] ^	0.046	U	mg/kg dry	1	0.046	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
Di-n-octylphthalate [117-84-0] ^	0.037	U	mg/kg dry	1	0.037	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	

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Description: SP-23 ESW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-03
Sampled: 03/07/11 14:22
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 88.2

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	0.041	U	mg/kg dry	1	0.041	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
Fluorene [86-73-7] ^	0.033	U	mg/kg dry	1	0.033	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
Hexachlorobenzene [118-74-1] ^	0.029	U	mg/kg dry	1	0.029	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
Hexachlorobutadiene [87-68-3] ^	0.029	U	mg/kg dry	1	0.029	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	0.044	U	mg/kg dry	1	0.044	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
Hexachloroethane [67-72-1] ^	0.024	U	mg/kg dry	1	0.024	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.053	U	mg/kg dry	1	0.053	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
Isophorone [78-59-1] ^	0.034	U	mg/kg dry	1	0.034	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
Naphthalene [91-20-3] ^	0.032	U	mg/kg dry	1	0.032	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
Nitrobenzene [98-95-3] ^	0.029	U	mg/kg dry	1	0.029	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
N-Nitrosodimethylamine [62-75-9] ^	0.024	U	mg/kg dry	1	0.024	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	0.092	U	mg/kg dry	1	0.092	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	0.061	U	mg/kg dry	1	0.061	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
Pentachlorophenol [87-86-5]	0.037	U	mg/kg dry	1	0.037	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	QV-01
Phenanthrene [85-01-8] ^	0.031	U	mg/kg dry	1	0.031	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
Phenol [108-95-2] ^	0.025	U	mg/kg dry	1	0.025	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
Pyrene [129-00-0] ^	0.043	U	mg/kg dry	1	0.043	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	
Pyridine [110-86-1] ^	0.093	U	mg/kg dry	1	0.093	0.37	1C18001	EPA 8270D	03/21/11 18:40	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*3.8*	*1*	*3.78*	*100 %*	*28-130*	*1C18001*	*EPA 8270D*	*03/21/11 18:40*	*DFM*	
2-Fluorobiphenyl	*1.8*	*1*	*1.89*	*93 %*	*56-120*	*1C18001*	*EPA 8270D*	*03/21/11 18:40*	*DFM*	
2-Fluorophenol	*2.8*	*1*	*3.78*	*73 %*	*49-126*	*1C18001*	*EPA 8270D*	*03/21/11 18:40*	*DFM*	
Nitrobenzene-d5	*1.6*	*1*	*1.89*	*82 %*	*50-117*	*1C18001*	*EPA 8270D*	*03/21/11 18:40*	*DFM*	
Phenol-d5	*3.1*	*1*	*3.78*	*81 %*	*56-120*	*1C18001*	*EPA 8270D*	*03/21/11 18:40*	*DFM*	
Terphenyl-d14	*1.6*	*1*	*1.89*	*82 %*	*36-151*	*1C18001*	*EPA 8270D*	*03/21/11 18:40*	*DFM*	

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Organochlorine Pesticides by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8] ^	0.00036	U	mg/kg dry	1	0.00036	0.0019	1C17033	EPA 8081B	03/21/11 12:07	MSZ	
4,4'-DDE [72-55-9] ^	0.00046	U	mg/kg dry	1	0.00046	0.0019	1C17033	EPA 8081B	03/21/11 12:07	MSZ	
4,4'-DDT [50-29-3] ^	0.00059	U	mg/kg dry	1	0.00059	0.0019	1C17033	EPA 8081B	03/21/11 12:07	MSZ	
Aldrin [309-00-2] ^	0.00041	U	mg/kg dry	1	0.00041	0.0019	1C17033	EPA 8081B	03/21/11 12:07	MSZ	
alpha-BHC [319-84-6] ^	0.00056	U	mg/kg dry	1	0.00056	0.0019	1C17033	EPA 8081B	03/21/11 12:07	MSZ	
beta-BHC [319-85-7] ^	0.00081	U	mg/kg dry	1	0.00081	0.0019	1C17033	EPA 8081B	03/21/11 12:07	MSZ	
Chlordane (tech) [12789-03-6] ^	0.0013	U	mg/kg dry	1	0.0013	0.037	1C17033	EPA 8081B	03/21/11 12:07	MSZ	
Chlordane-alpha [5103-71-9] ^	0.00052	U	mg/kg dry	1	0.00052	0.0019	1C17033	EPA 8081B	03/21/11 12:07	MSZ	
Chlordane-gamma [5566-34-7] ^	0.00068	U	mg/kg dry	1	0.00068	0.0019	1C17033	EPA 8081B	03/21/11 12:07	MSZ	
delta-BHC [319-86-8] ^	0.00034	U	mg/kg dry	1	0.00034	0.0019	1C17033	EPA 8081B	03/21/11 12:07	MSZ	
Dieldrin [60-57-1] ^	0.00036	U	mg/kg dry	1	0.00036	0.0019	1C17033	EPA 8081B	03/21/11 12:07	MSZ	
Endosulfan I [959-98-8] ^	0.00046	U	mg/kg dry	1	0.00046	0.0019	1C17033	EPA 8081B	03/21/11 12:07	MSZ	
Endosulfan II [33213-65-9] ^	0.00044	U	mg/kg dry	1	0.00044	0.0019	1C17033	EPA 8081B	03/21/11 12:07	MSZ	
Endosulfan sulfate [1031-07-8] ^	0.00054	U	mg/kg dry	1	0.00054	0.0019	1C17033	EPA 8081B	03/21/11 12:07	MSZ	
Endrin [72-20-8] ^	0.00044	U	mg/kg dry	1	0.00044	0.0019	1C17033	EPA 8081B	03/21/11 12:07	MSZ	
Endrin aldehyde [7421-93-4] ^	0.00039	U	mg/kg dry	1	0.00039	0.0019	1C17033	EPA 8081B	03/21/11 12:07	MSZ	
Endrin ketone [53494-70-5] ^	0.00034	U	mg/kg dry	1	0.00034	0.0019	1C17033	EPA 8081B	03/21/11 12:07	MSZ	
gamma-BHC [58-89-9] ^	0.00048	U	mg/kg dry	1	0.00048	0.0019	1C17033	EPA 8081B	03/21/11 12:07	MSZ	
Heptachlor [76-44-8] ^	0.00052	U	mg/kg dry	1	0.00052	0.0019	1C17033	EPA 8081B	03/21/11 12:07	MSZ	
Heptachlor epoxide [1024-57-3] ^	0.00049	U	mg/kg dry	1	0.00049	0.0019	1C17033	EPA 8081B	03/21/11 12:07	MSZ	
Isodrin [465-73-6] ^	0.00041	U	mg/kg dry	1	0.00041	0.0019	1C17033	EPA 8081B	03/21/11 12:07	MSZ	
Methoxychlor [72-43-5] ^	0.00048	U	mg/kg dry	1	0.00048	0.0019	1C17033	EPA 8081B	03/21/11 12:07	MSZ	
Mirex [2385-85-5] ^	0.00064	U	mg/kg dry	1	0.00064	0.0019	1C17033	EPA 8081B	03/21/11 12:07	MSZ	
Toxaphene [8001-35-2] ^	0.011	U	mg/kg dry	1	0.011	0.019	1C17033	EPA 8081B	03/21/11 12:07	MSZ	

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Description: SP-23 ESW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-03
Sampled: 03/07/11 14:22
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 88.2

Polychlorinated Biphenyls by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
PCB-1016/1242 [12674-11-2/53469-21-9] ^	0.0086	U	mg/kg dry	1	0.0086	0.019	1C17034	EPA 8082A	03/21/11 12:07	MSZ	
PCB-1221 [11104-28-2] ^	0.0059	U	mg/kg dry	1	0.0059	0.019	1C17034	EPA 8082A	03/21/11 12:07	MSZ	
PCB-1232 [11141-16-5] ^	0.0059	U	mg/kg dry	1	0.0059	0.019	1C17034	EPA 8082A	03/21/11 12:07	MSZ	
PCB-1248 [12672-29-6] ^	0.0059	U	mg/kg dry	1	0.0059	0.019	1C17034	EPA 8082A	03/21/11 12:07	MSZ	
PCB-1254 [11097-69-1] ^	0.0059	U	mg/kg dry	1	0.0059	0.019	1C17034	EPA 8082A	03/21/11 12:07	MSZ	
PCB-1260 [11096-82-5] ^	0.0046	U	mg/kg dry	1	0.0046	0.019	1C17034	EPA 8082A	03/21/11 12:07	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,5,6-TCMX	*0.049*	*1*	*0.0378*	*130 %*	*44-168*	*1C17034*	*EPA 8082A*	*03/21/11 12:07*	*MSZ*	
Decachlorobiphenyl	*0.042*	*1*	*0.0378*	*110 %*	*51-154*	*1C17034*	*EPA 8082A*	*03/21/11 12:07*	*MSZ*	

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Description: SP-23 ESW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-03
Sampled: 03/07/11 14:22
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 88.2

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	**4.21**	B	mg/kg dry	1	0.113	0.567	1C09009	EPA 6010C	03/10/11 11:39	JDH	QB-01
Lead [7439-92-1] ^	**3.77**		mg/kg dry	1	0.136	0.567	1C09009	EPA 6010C	03/10/11 11:39	JDH	

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Description: SP-23 ESW	**Lab Sample ID:** C102268-03	**Received:** 03/08/11 13:00
Matrix: Soil	**Sampled:** 03/07/11 14:22	**Work Order:** C102268
Project: Point Harbour Site	**Sampled By:** Michael Sabodish	**% Solids:** 88.2

Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM) [C-0007] ^	**142**		mg/kg dry	1	56.7	56.7	1C14013	EPA 9071B	03/16/11 15:00	MJF	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SP-23 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-04
Sampled: 03/07/11 14:22
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 86.3

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00015	U	mg/kg dry	1	0.00015	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00019	U	mg/kg dry	1	0.00019	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00021	U	mg/kg dry	1	0.00021	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00023	U	mg/kg dry	1	0.00023	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00028	U	mg/kg dry	1	0.00028	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00030	U	mg/kg dry	1	0.00030	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00020	U	mg/kg dry	1	0.00020	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00032	U	mg/kg dry	1	0.00032	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00025	U	mg/kg dry	1	0.00025	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00074	U	mg/kg dry	1	0.00074	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00043	U	mg/kg dry	1	0.00043	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00025	U	mg/kg dry	1	0.00025	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00035	U	mg/kg dry	1	0.00035	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00024	U	mg/kg dry	1	0.00024	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00019	U	mg/kg dry	1	0.00019	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00021	U	mg/kg dry	1	0.00021	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00027	U	mg/kg dry	1	0.00027	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00019	U	mg/kg dry	1	0.00019	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00021	U	mg/kg dry	1	0.00021	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
2-Butanone [78-93-3] ^	0.00073	U	mg/kg dry	1	0.00073	0.0047	1C14027	EPA 8260B	03/14/11 23:47	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00046	U	mg/kg dry	1	0.00046	0.0047	1C14027	EPA 8260B	03/14/11 23:47	JKG	
2-Chlorotoluene [95-49-8] ^	0.00017	U	mg/kg dry	1	0.00017	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
2-Hexanone [591-78-6] ^	0.00070	U	mg/kg dry	1	0.00070	0.0047	1C14027	EPA 8260B	03/14/11 23:47	JKG	
4-Chlorotoluene [106-43-4] ^	0.00024	U	mg/kg dry	1	0.00024	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00015	U	mg/kg dry	1	0.00015	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00053	U	mg/kg dry	1	0.00053	0.0047	1C14027	EPA 8260B	03/14/11 23:47	JKG	
Acetone [67-64-1] ^	0.0011	U	mg/kg dry	1	0.0011	0.0047	1C14027	EPA 8260B	03/14/11 23:47	JKG	
Benzene [71-43-2] ^	0.00016	U	mg/kg dry	1	0.00016	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
Bromobenzene [108-86-1] ^	0.00021	U	mg/kg dry	1	0.00021	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
Bromochloromethane [74-97-5] ^	0.00038	U	mg/kg dry	1	0.00038	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
Bromodichloromethane [75-27-4] ^	0.00022	U	mg/kg dry	1	0.00022	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
Bromoform [75-25-2] ^	0.00042	U	mg/kg dry	1	0.00042	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
Bromomethane [74-83-9] ^	0.00021	U	mg/kg dry	1	0.00021	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
Carbon disulfide [75-15-0] ^	0.00036	U	mg/kg dry	1	0.00036	0.0047	1C14027	EPA 8260B	03/14/11 23:47	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00021	U	mg/kg dry	1	0.00021	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
Chlorobenzene [108-90-7] ^	0.00016	U	mg/kg dry	1	0.00016	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
Chloroethane [75-00-3] ^	0.00023	U	mg/kg dry	1	0.00023	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
Chloroform [67-66-3] ^	0.00016	U	mg/kg dry	1	0.00016	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
Chloromethane [74-87-3] ^	0.00014	U	mg/kg dry	1	0.00014	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00021	U	mg/kg dry	1	0.00021	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00012	U	mg/kg dry	1	0.00012	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
Dibromochloromethane [124-48-1] ^	0.00033	U	mg/kg dry	1	0.00033	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
Dibromomethane [74-95-3] ^	0.00029	U	mg/kg dry	1	0.00029	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00042	U	mg/kg dry	1	0.00042	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
Ethylbenzene [100-41-4] ^	0.00019	U	mg/kg dry	1	0.00019	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00033	U	mg/kg dry	1	0.00033	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
Isopropylbenzene [98-82-8] ^	0.00014	U	mg/kg dry	1	0.00014	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00035	U	mg/kg dry	1	0.00035	0.0019	1C14027	EPA 8260B	03/14/11 23:47	JKG	
Methylene Chloride [75-09-2] ^	0.00052	U	mg/kg dry	1	0.00052	0.0019	1C14027	EPA 8260B	03/14/11 23:47	JKG	

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Description: SP-23 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-04
Sampled: 03/07/11 14:22
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 86.3

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00028	U	mg/kg dry	1	0.00028	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
Naphthalene [91-20-3] ^	0.00022	U	mg/kg dry	1	0.00022	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
n-Butyl Benzene [104-51-8] ^	0.00021	U	mg/kg dry	1	0.00021	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
n-Propyl Benzene [103-65-1] ^	0.00017	U	mg/kg dry	1	0.00017	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
o-Xylene [95-47-6] ^	0.00021	U	mg/kg dry	1	0.00021	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
sec-Butylbenzene [135-98-8] ^	0.00021	U	mg/kg dry	1	0.00021	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
Styrene [100-42-5] ^	0.00016	U	mg/kg dry	1	0.00016	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
tert-Butylbenzene [98-06-6] ^	0.00015	U	mg/kg dry	1	0.00015	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
Tetrachloroethene [127-18-4] ^	0.00026	U	mg/kg dry	1	0.00026	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
Toluene [108-88-3] ^	0.00019	U	mg/kg dry	1	0.00019	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00035	U	mg/kg dry	1	0.00035	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00036	U	mg/kg dry	1	0.00036	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
Trichloroethene [79-01-6] ^	0.00025	U	mg/kg dry	1	0.00025	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00024	U	mg/kg dry	1	0.00024	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
Vinyl chloride [75-01-4] ^	0.00022	U	mg/kg dry	1	0.00022	0.00093	1C14027	EPA 8260B	03/14/11 23:47	JKG	
Xylenes (Total) [1330-20-7] ^	0.00052	U	mg/kg dry	1	0.00052	0.0028	1C14027	EPA 8260B	03/14/11 23:47	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*46*	*1*	*50.0*	*93 %*	*61-118*	*1C14027*	*EPA 8260B*	*03/14/11 23:47*	*JKG*	
Dibromofluoromethane	*44*	*1*	*50.0*	*89 %*	*66-114*	*1C14027*	*EPA 8260B*	*03/14/11 23:47*	*JKG*	
Toluene-d8	*48*	*1*	*50.0*	*95 %*	*63-118*	*1C14027*	*EPA 8260B*	*03/14/11 23:47*	*JKG*	

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Description: SP-23 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-04
Sampled: 03/07/11 14:22
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 86.3

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
1,2-Dichlorobenzene [95-50-1] ^	0.027	U	mg/kg dry	1	0.027	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
1,3-Dichlorobenzene [541-73-1] ^	0.023	U	mg/kg dry	1	0.023	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
1,4-Dichlorobenzene [106-46-7] ^	0.024	U	mg/kg dry	1	0.024	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
1-Methylnaphthalene [90-12-0] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
2,4,5-Trichlorophenol [95-95-4] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
2,4-Dichlorophenol [120-83-2] ^	0.028	U	mg/kg dry	1	0.028	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
2,4-Dimethylphenol [105-67-9] ^	0.050	U	mg/kg dry	1	0.050	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
2,4-Dinitrophenol [51-28-5] ^	0.050	U	mg/kg dry	1	0.050	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
2,4-Dinitrotoluene [121-14-2] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
2,6-Dinitrotoluene [606-20-2] ^	0.036	U	mg/kg dry	1	0.036	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
2-Chloronaphthalene [91-58-7] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
2-Chlorophenol [95-57-8] ^	0.029	U	mg/kg dry	1	0.029	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
2-Methylnaphthalene [91-57-6] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
2-Methylphenol [95-48-7] ^	0.029	U	mg/kg dry	1	0.029	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
2-Nitroaniline [88-74-4] ^	0.035	U	mg/kg dry	1	0.035	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
2-Nitrophenol [88-75-5] ^	0.036	U	mg/kg dry	1	0.036	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	0.11	U	mg/kg dry	1	0.11	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
3-Nitroaniline [99-09-2] ^	0.042	U	mg/kg dry	1	0.042	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
4-Chloroaniline [106-47-8] ^	0.11	U	mg/kg dry	1	0.11	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
4-Nitroaniline [100-01-6] ^	0.061	U	mg/kg dry	1	0.061	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
4-Nitrophenol [100-02-7]	0.036	U	mg/kg dry	1	0.036	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
Acenaphthene [83-32-9] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
Acenaphthylene [208-96-8] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
Anthracene [120-12-7] ^	0.044	U	mg/kg dry	1	0.044	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
Benzidine [92-87-5] ^	0.13	U	mg/kg dry	1	0.13	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
Benzo(a)anthracene [56-55-3] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
Benzo(a)pyrene [50-32-8] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
Benzo(b)fluoranthene [205-99-2] ^	0.021	U	mg/kg dry	1	0.021	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	0.054	U	mg/kg dry	1	0.054	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
Benzoic acid [65-85-0] ^	0.17	U	mg/kg dry	1	0.17	2.0	1C18001	EPA 8270D	03/21/11 19:07	DFM	
Benzyl alcohol [100-51-6] ^	0.027	U	mg/kg dry	1	0.027	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	0.029	U	mg/kg dry	1	0.029	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	0.050	U	mg/kg dry	1	0.050	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] ^	0.028	U	mg/kg dry	1	0.028	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	0.041	U	mg/kg dry	1	0.041	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	QV-01
Butylbenzylphthalate [85-68-7] ^	0.046	U	mg/kg dry	1	0.046	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
Chrysene [218-01-9] ^	0.035	U	mg/kg dry	1	0.035	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.059	U	mg/kg dry	1	0.059	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
Dibenzofuran [132-64-9] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
Diethylphthalate [84-66-2] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
Dimethylphthalate [131-11-3] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
Di-n-butylphthalate [84-74-2] ^	0.047	U	mg/kg dry	1	0.047	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
Di-n-octylphthalate [117-84-0] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	

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Description: SP-23 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-04
Sampled: 03/07/11 14:22
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 86.3

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	0.042	U	mg/kg dry	1	0.042	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
Fluorene [86-73-7] ^	0.034	U	mg/kg dry	1	0.034	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
Hexachlorobenzene [118-74-1] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
Hexachlorobutadiene [87-68-3] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	0.045	U	mg/kg dry	1	0.045	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
Hexachloroethane [67-72-1] ^	0.024	U	mg/kg dry	1	0.024	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.054	U	mg/kg dry	1	0.054	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
Isophorone [78-59-1] ^	0.035	U	mg/kg dry	1	0.035	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
Naphthalene [91-20-3] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
Nitrobenzene [98-95-3] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
N-Nitrosodimethylamine [62-75-9] ^	0.024	U	mg/kg dry	1	0.024	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	0.094	U	mg/kg dry	1	0.094	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	0.063	U	mg/kg dry	1	0.063	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
Pentachlorophenol [87-86-5]	0.038	U	mg/kg dry	1	0.038	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	QV-01
Phenanthrene [85-01-8] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
Phenol [108-95-2] ^	0.025	U	mg/kg dry	1	0.025	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
Pyrene [129-00-0] ^	0.044	U	mg/kg dry	1	0.044	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	
Pyridine [110-86-1] ^	0.095	U	mg/kg dry	1	0.095	0.38	1C18001	EPA 8270D	03/21/11 19:07	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*3.6*	*1*	*3.86*	*92 %*	*28-130*	*1C18001*	*EPA 8270D*	*03/21/11 19:07*	*DFM*	
2-Fluorobiphenyl	*1.7*	*1*	*1.93*	*86 %*	*56-120*	*1C18001*	*EPA 8270D*	*03/21/11 19:07*	*DFM*	
2-Fluorophenol	*2.7*	*1*	*3.86*	*70 %*	*49-126*	*1C18001*	*EPA 8270D*	*03/21/11 19:07*	*DFM*	
Nitrobenzene-d5	*1.5*	*1*	*1.93*	*78 %*	*50-117*	*1C18001*	*EPA 8270D*	*03/21/11 19:07*	*DFM*	
Phenol-d5	*3.0*	*1*	*3.86*	*77 %*	*56-120*	*1C18001*	*EPA 8270D*	*03/21/11 19:07*	*DFM*	
Terphenyl-d14	*1.7*	*1*	*1.93*	*89 %*	*36-151*	*1C18001*	*EPA 8270D*	*03/21/11 19:07*	*DFM*	

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Description: SP-23 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-04
Sampled: 03/07/11 14:22
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 86.3

Organochlorine Pesticides by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8] ^	0.00037	U	mg/kg dry	1	0.00037	0.0020	1C17033	EPA 8081B	03/21/11 12:20	MSZ	
4,4'-DDE [72-55-9] ^	0.00047	U	mg/kg dry	1	0.00047	0.0020	1C17033	EPA 8081B	03/21/11 12:20	MSZ	
4,4'-DDT [50-29-3] ^	0.00060	U	mg/kg dry	1	0.00060	0.0020	1C17033	EPA 8081B	03/21/11 12:20	MSZ	
Aldrin [309-00-2] ^	0.00042	U	mg/kg dry	1	0.00042	0.0020	1C17033	EPA 8081B	03/21/11 12:20	MSZ	
alpha-BHC [319-84-6] ^	0.00057	U	mg/kg dry	1	0.00057	0.0020	1C17033	EPA 8081B	03/21/11 12:20	MSZ	
beta-BHC [319-85-7] ^	0.00082	U	mg/kg dry	1	0.00082	0.0020	1C17033	EPA 8081B	03/21/11 12:20	MSZ	
Chlordane (tech) [12789-03-6] ^	0.0013	U	mg/kg dry	1	0.0013	0.038	1C17033	EPA 8081B	03/21/11 12:20	MSZ	
Chlordane-alpha [5103-71-9] ^	0.00053	U	mg/kg dry	1	0.00053	0.0020	1C17033	EPA 8081B	03/21/11 12:20	MSZ	
Chlordane-gamma [5566-34-7] ^	0.00070	U	mg/kg dry	1	0.00070	0.0020	1C17033	EPA 8081B	03/21/11 12:20	MSZ	
delta-BHC [319-86-8] ^	0.00035	U	mg/kg dry	1	0.00035	0.0020	1C17033	EPA 8081B	03/21/11 12:20	MSZ	
Dieldrin [60-57-1] ^	0.00037	U	mg/kg dry	1	0.00037	0.0020	1C17033	EPA 8081B	03/21/11 12:20	MSZ	
Endosulfan I [959-98-8] ^	0.00047	U	mg/kg dry	1	0.00047	0.0020	1C17033	EPA 8081B	03/21/11 12:20	MSZ	
Endosulfan II [33213-65-9] ^	0.00045	U	mg/kg dry	1	0.00045	0.0020	1C17033	EPA 8081B	03/21/11 12:20	MSZ	
Endosulfan sulfate [1031-07-8] ^	0.00056	U	mg/kg dry	1	0.00056	0.0020	1C17033	EPA 8081B	03/21/11 12:20	MSZ	
Endrin [72-20-8] ^	0.00045	U	mg/kg dry	1	0.00045	0.0020	1C17033	EPA 8081B	03/21/11 12:20	MSZ	
Endrin aldehyde [7421-93-4] ^	0.00039	U	mg/kg dry	1	0.00039	0.0020	1C17033	EPA 8081B	03/21/11 12:20	MSZ	
Endrin ketone [53494-70-5] ^	0.00035	U	mg/kg dry	1	0.00035	0.0020	1C17033	EPA 8081B	03/21/11 12:20	MSZ	
gamma-BHC [58-89-9] ^	0.00049	U	mg/kg dry	1	0.00049	0.0020	1C17033	EPA 8081B	03/21/11 12:20	MSZ	
Heptachlor [76-44-8] ^	0.00053	U	mg/kg dry	1	0.00053	0.0020	1C17033	EPA 8081B	03/21/11 12:20	MSZ	
Heptachlor epoxide [1024-57-3] ^	0.00050	U	mg/kg dry	1	0.00050	0.0020	1C17033	EPA 8081B	03/21/11 12:20	MSZ	
Isodrin [465-73-6] ^	0.00042	U	mg/kg dry	1	0.00042	0.0020	1C17033	EPA 8081B	03/21/11 12:20	MSZ	
Methoxychlor [72-43-5] ^	0.00049	U	mg/kg dry	1	0.00049	0.0020	1C17033	EPA 8081B	03/21/11 12:20	MSZ	
Mirex [2385-85-5] ^	0.00065	U	mg/kg dry	1	0.00065	0.0020	1C17033	EPA 8081B	03/21/11 12:20	MSZ	
Toxaphene [8001-35-2] ^	0.012	U	mg/kg dry	1	0.012	0.020	1C17033	EPA 8081B	03/21/11 12:20	MSZ	

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Description: SP-23 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-04
Sampled: 03/07/11 14:22
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 86.3

Polychlorinated Biphenyls by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
PCB-1016/1242 [12674-11-2/53469-21-9] ^	0.0088	U	mg/kg dry	1	0.0088	0.020	1C17034	EPA 8082A	03/21/11 12:20	MSZ	
PCB-1221 [11104-28-2] ^	0.0060	U	mg/kg dry	1	0.0060	0.020	1C17034	EPA 8082A	03/21/11 12:20	MSZ	
PCB-1232 [11141-16-5] ^	0.0060	U	mg/kg dry	1	0.0060	0.020	1C17034	EPA 8082A	03/21/11 12:20	MSZ	
PCB-1248 [12672-29-6] ^	0.0060	U	mg/kg dry	1	0.0060	0.020	1C17034	EPA 8082A	03/21/11 12:20	MSZ	
PCB-1254 [11097-69-1] ^	0.0060	U	mg/kg dry	1	0.0060	0.020	1C17034	EPA 8082A	03/21/11 12:20	MSZ	
PCB-1260 [11096-82-5] ^	0.0047	U	mg/kg dry	1	0.0047	0.020	1C17034	EPA 8082A	03/21/11 12:20	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,5,6-TCMX	*0.042*	*1*	*0.0386*	*110 %*	*44-168*	*1C17034*	*EPA 8082A*	*03/21/11 12:20*	*MSZ*	
Decachlorobiphenyl	*0.046*	*1*	*0.0386*	*120 %*	*51-154*	*1C17034*	*EPA 8082A*	*03/21/11 12:20*	*MSZ*	

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Description: SP-23 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-04
Sampled: 03/07/11 14:22
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 86.3

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	**4.26**	B	mg/kg dry	1	0.116	0.579	1C09009	EPA 6010C	03/10/11 11:53	JDH	QB-01
Lead [7439-92-1] ^	**2.66**		mg/kg dry	1	0.139	0.579	1C09009	EPA 6010C	03/10/11 11:53	JDH	

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Description: SP-23 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-04
Sampled: 03/07/11 14:22
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 86.3

Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM) [C-0007] ^	57.9	U	mg/kg dry	1	57.9	57.9	1C14013	EPA 9071B	03/16/11 15:00	MJF	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SP-23 BASE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-05
Sampled: 03/07/11 14:22
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 87.5

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00015	U	mg/kg dry	1	0.00015	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00019	U	mg/kg dry	1	0.00019	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00022	U	mg/kg dry	1	0.00022	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00023	U	mg/kg dry	1	0.00023	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00028	U	mg/kg dry	1	0.00028	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00030	U	mg/kg dry	1	0.00030	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00020	U	mg/kg dry	1	0.00020	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00032	U	mg/kg dry	1	0.00032	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00025	U	mg/kg dry	1	0.00025	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00074	U	mg/kg dry	1	0.00074	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00043	U	mg/kg dry	1	0.00043	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00025	U	mg/kg dry	1	0.00025	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00036	U	mg/kg dry	1	0.00036	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00024	U	mg/kg dry	1	0.00024	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00019	U	mg/kg dry	1	0.00019	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00021	U	mg/kg dry	1	0.00021	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00027	U	mg/kg dry	1	0.00027	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00019	U	mg/kg dry	1	0.00019	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00022	U	mg/kg dry	1	0.00022	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
2-Butanone [78-93-3] ^	**0.0078**		mg/kg dry	1	0.00073	0.0047	1C14027	EPA 8260B	03/15/11 00:15	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00046	U	mg/kg dry	1	0.00046	0.0047	1C14027	EPA 8260B	03/15/11 00:15	JKG	
2-Chlorotoluene [95-49-8] ^	0.00017	U	mg/kg dry	1	0.00017	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
2-Hexanone [591-78-6] ^	0.00070	U	mg/kg dry	1	0.00070	0.0047	1C14027	EPA 8260B	03/15/11 00:15	JKG	
4-Chlorotoluene [106-43-4] ^	0.00024	U	mg/kg dry	1	0.00024	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00015	U	mg/kg dry	1	0.00015	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00054	U	mg/kg dry	1	0.00054	0.0047	1C14027	EPA 8260B	03/15/11 00:15	JKG	
Acetone [67-64-1] ^	**0.048**		mg/kg dry	1	0.0011	0.0047	1C14027	EPA 8260B	03/15/11 00:15	JKG	
Benzene [71-43-2] ^	0.00016	U	mg/kg dry	1	0.00016	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
Bromobenzene [108-86-1] ^	0.00021	U	mg/kg dry	1	0.00021	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
Bromochloromethane [74-97-5] ^	0.00039	U	mg/kg dry	1	0.00039	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
Bromodichloromethane [75-27-4] ^	0.00023	U	mg/kg dry	1	0.00023	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
Bromoform [75-25-2] ^	0.00042	U	mg/kg dry	1	0.00042	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
Bromomethane [74-83-9] ^	0.00022	U	mg/kg dry	1	0.00022	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
Carbon disulfide [75-15-0] ^	0.00037	U	mg/kg dry	1	0.00037	0.0047	1C14027	EPA 8260B	03/15/11 00:15	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00021	U	mg/kg dry	1	0.00021	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
Chlorobenzene [108-90-7] ^	0.00016	U	mg/kg dry	1	0.00016	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
Chloroethane [75-00-3] ^	0.00023	U	mg/kg dry	1	0.00023	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
Chloroform [67-66-3] ^	0.00016	U	mg/kg dry	1	0.00016	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
Chloromethane [74-87-3] ^	0.00014	U	mg/kg dry	1	0.00014	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00022	U	mg/kg dry	1	0.00022	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00012	U	mg/kg dry	1	0.00012	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
Dibromochloromethane [124-48-1] ^	0.00033	U	mg/kg dry	1	0.00033	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
Dibromomethane [74-95-3] ^	0.00029	U	mg/kg dry	1	0.00029	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00042	U	mg/kg dry	1	0.00042	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
Ethylbenzene [100-41-4] ^	0.00019	U	mg/kg dry	1	0.00019	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00033	U	mg/kg dry	1	0.00033	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
Isopropylbenzene [98-82-8] ^	0.00014	U	mg/kg dry	1	0.00014	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00035	U	mg/kg dry	1	0.00035	0.0019	1C14027	EPA 8260B	03/15/11 00:15	JKG	
Methylene Chloride [75-09-2] ^	**0.00059**	J	mg/kg dry	1	0.00053	0.0019	1C14027	EPA 8260B	03/15/11 00:15	JKG	

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Description: SP-23 BASE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-05
Sampled: 03/07/11 14:22
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 87.5

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00028	U	mg/kg dry	1	0.00028	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
Naphthalene [91-20-3] ^	0.00023	U	mg/kg dry	1	0.00023	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
n-Butyl Benzene [104-51-8] ^	0.00021	U	mg/kg dry	1	0.00021	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
n-Propyl Benzene [103-65-1] ^	0.00017	U	mg/kg dry	1	0.00017	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
o-Xylene [95-47-6] ^	0.00021	U	mg/kg dry	1	0.00021	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
sec-Butylbenzene [135-98-8] ^	0.00021	U	mg/kg dry	1	0.00021	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
Styrene [100-42-5] ^	0.00016	U	mg/kg dry	1	0.00016	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
tert-Butylbenzene [98-06-6] ^	0.00015	U	mg/kg dry	1	0.00015	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
Tetrachloroethene [127-18-4] ^	0.00026	U	mg/kg dry	1	0.00026	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
Toluene [108-88-3] ^	0.00019	U	mg/kg dry	1	0.00019	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00035	U	mg/kg dry	1	0.00035	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00037	U	mg/kg dry	1	0.00037	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
Trichloroethene [79-01-6] ^	0.00025	U	mg/kg dry	1	0.00025	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00024	U	mg/kg dry	1	0.00024	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
Vinyl chloride [75-01-4] ^	0.00023	U	mg/kg dry	1	0.00023	0.00094	1C14027	EPA 8260B	03/15/11 00:15	JKG	
Xylenes (Total) [1330-20-7] ^	0.00053	U	mg/kg dry	1	0.00053	0.0028	1C14027	EPA 8260B	03/15/11 00:15	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*46*	*1*	*50.0*	*91 %*	*61-118*	*1C14027*	*EPA 8260B*	*03/15/11 00:15*	*JKG*	
Dibromofluoromethane	*45*	*1*	*50.0*	*90 %*	*66-114*	*1C14027*	*EPA 8260B*	*03/15/11 00:15*	*JKG*	
Toluene-d8	*46*	*1*	*50.0*	*93 %*	*63-118*	*1C14027*	*EPA 8260B*	*03/15/11 00:15*	*JKG*	

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Description: SP-23 BASE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-05
Sampled: 03/07/11 14:22
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 87.5

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
1,2-Dichlorobenzene [95-50-1] ^	0.026	U	mg/kg dry	1	0.026	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
1,3-Dichlorobenzene [541-73-1] ^	0.023	U	mg/kg dry	1	0.023	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
1,4-Dichlorobenzene [106-46-7] ^	0.024	U	mg/kg dry	1	0.024	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
1-Methylnaphthalene [90-12-0] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
2,4,5-Trichlorophenol [95-95-4] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
2,4-Dichlorophenol [120-83-2] ^	0.027	U	mg/kg dry	1	0.027	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
2,4-Dimethylphenol [105-67-9] ^	0.049	U	mg/kg dry	1	0.049	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
2,4-Dinitrophenol [51-28-5] ^	0.049	U	mg/kg dry	1	0.049	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
2,4-Dinitrotoluene [121-14-2] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
2,6-Dinitrotoluene [606-20-2] ^	0.035	U	mg/kg dry	1	0.035	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
2-Chloronaphthalene [91-58-7] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
2-Chlorophenol [95-57-8] ^	0.029	U	mg/kg dry	1	0.029	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
2-Methylnaphthalene [91-57-6] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
2-Methylphenol [95-48-7] ^	0.029	U	mg/kg dry	1	0.029	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
2-Nitroaniline [88-74-4] ^	0.034	U	mg/kg dry	1	0.034	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
2-Nitrophenol [88-75-5] ^	0.035	U	mg/kg dry	1	0.035	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	0.11	U	mg/kg dry	1	0.11	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
3-Nitroaniline [99-09-2] ^	0.041	U	mg/kg dry	1	0.041	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
4-Chloroaniline [106-47-8] ^	0.11	U	mg/kg dry	1	0.11	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
4-Nitroaniline [100-01-6] ^	0.061	U	mg/kg dry	1	0.061	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
4-Nitrophenol [100-02-7]	0.035	U	mg/kg dry	1	0.035	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
Acenaphthene [83-32-9] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
Acenaphthylene [208-96-8] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
Anthracene [120-12-7] ^	0.043	U	mg/kg dry	1	0.043	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
Benzidine [92-87-5] ^	0.13	U	mg/kg dry	1	0.13	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
Benzo(a)anthracene [56-55-3] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
Benzo(a)pyrene [50-32-8] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
Benzo(b)fluoranthene [205-99-2] ^	**0.052**	J	mg/kg dry	1	0.021	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	0.054	U	mg/kg dry	1	0.054	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
Benzoic acid [65-85-0] ^	0.17	U	mg/kg dry	1	0.17	1.9	1C18001	EPA 8270D	03/21/11 19:33	DFM	
Benzyl alcohol [100-51-6] ^	0.026	U	mg/kg dry	1	0.026	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	0.029	U	mg/kg dry	1	0.029	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	0.049	U	mg/kg dry	1	0.049	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] ^	0.027	U	mg/kg dry	1	0.027	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	0.040	U	mg/kg dry	1	0.040	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	QV-01
Butylbenzylphthalate [85-68-7] ^	0.046	U	mg/kg dry	1	0.046	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
Chrysene [218-01-9] ^	**0.040**	J	mg/kg dry	1	0.034	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.058	U	mg/kg dry	1	0.058	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
Dibenzofuran [132-64-9] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
Diethylphthalate [84-66-2] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
Dimethylphthalate [131-11-3] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
Di-n-butylphthalate [84-74-2] ^	0.047	U	mg/kg dry	1	0.047	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
Di-n-octylphthalate [117-84-0] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	

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Description: SP-23 BASE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-05
Sampled: 03/07/11 14:22
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 87.5

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	**0.068**	J	mg/kg dry	1	0.041	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
Fluorene [86-73-7] ^	0.033	U	mg/kg dry	1	0.033	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
Hexachlorobenzene [118-74-1] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
Hexachlorobutadiene [87-68-3] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	0.045	U	mg/kg dry	1	0.045	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
Hexachloroethane [67-72-1] ^	0.024	U	mg/kg dry	1	0.024	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.054	U	mg/kg dry	1	0.054	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
Isophorone [78-59-1] ^	0.034	U	mg/kg dry	1	0.034	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
Naphthalene [91-20-3] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
Nitrobenzene [98-95-3] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
N-Nitrosodimethylamine [62-75-9] ^	0.024	U	mg/kg dry	1	0.024	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	0.093	U	mg/kg dry	1	0.093	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	0.062	U	mg/kg dry	1	0.062	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
Pentachlorophenol [87-86-5]	0.038	U	mg/kg dry	1	0.038	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	QV-01
Phenanthrene [85-01-8] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
Phenol [108-95-2] ^	0.025	U	mg/kg dry	1	0.025	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
Pyrene [129-00-0] ^	**0.053**	J	mg/kg dry	1	0.043	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	
Pyridine [110-86-1] ^	0.094	U	mg/kg dry	1	0.094	0.38	1C18001	EPA 8270D	03/21/11 19:33	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*3.7*	*1*	*3.81*	*97 %*	*28-130*	*1C18001*	*EPA 8270D*	*03/21/11 19:33*	*DFM*	
2-Fluorobiphenyl	*1.7*	*1*	*1.90*	*90 %*	*56-120*	*1C18001*	*EPA 8270D*	*03/21/11 19:33*	*DFM*	
2-Fluorophenol	*2.7*	*1*	*3.81*	*70 %*	*49-126*	*1C18001*	*EPA 8270D*	*03/21/11 19:33*	*DFM*	
Nitrobenzene-d5	*1.5*	*1*	*1.90*	*79 %*	*50-117*	*1C18001*	*EPA 8270D*	*03/21/11 19:33*	*DFM*	
Phenol-d5	*3.0*	*1*	*3.81*	*80 %*	*56-120*	*1C18001*	*EPA 8270D*	*03/21/11 19:33*	*DFM*	
Terphenyl-d14	*1.6*	*1*	*1.90*	*87 %*	*36-151*	*1C18001*	*EPA 8270D*	*03/21/11 19:33*	*DFM*	

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Description: SP-23 BASE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-05
Sampled: 03/07/11 14:22
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 87.5

Organochlorine Pesticides by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8] ^	0.00037	U	mg/kg dry	1	0.00037	0.0019	1C17033	EPA 8081B	03/21/11 12:33	MSZ	
4,4'-DDE [72-55-9] ^	0.00047	U	mg/kg dry	1	0.00047	0.0019	1C17033	EPA 8081B	03/21/11 12:33	MSZ	
4,4'-DDT [50-29-3] ^	0.00059	U	mg/kg dry	1	0.00059	0.0019	1C17033	EPA 8081B	03/21/11 12:33	MSZ	
Aldrin [309-00-2] ^	0.00041	U	mg/kg dry	1	0.00041	0.0019	1C17033	EPA 8081B	03/21/11 12:33	MSZ	
alpha-BHC [319-84-6] ^	0.00056	U	mg/kg dry	1	0.00056	0.0019	1C17033	EPA 8081B	03/21/11 12:33	MSZ	
beta-BHC [319-85-7] ^	0.00081	U	mg/kg dry	1	0.00081	0.0019	1C17033	EPA 8081B	03/21/11 12:33	MSZ	
Chlordane (tech) [12789-03-6] ^	0.0013	U	mg/kg dry	1	0.0013	0.038	1C17033	EPA 8081B	03/21/11 12:33	MSZ	
Chlordane-alpha [5103-71-9] ^	0.00053	U	mg/kg dry	1	0.00053	0.0019	1C17033	EPA 8081B	03/21/11 12:33	MSZ	
Chlordane-gamma [5566-34-7] ^	0.00069	U	mg/kg dry	1	0.00069	0.0019	1C17033	EPA 8081B	03/21/11 12:33	MSZ	
delta-BHC [319-86-8] ^	0.00034	U	mg/kg dry	1	0.00034	0.0019	1C17033	EPA 8081B	03/21/11 12:33	MSZ	
Dieldrin [60-57-1] ^	0.00037	U	mg/kg dry	1	0.00037	0.0019	1C17033	EPA 8081B	03/21/11 12:33	MSZ	
Endosulfan I [959-98-8] ^	0.00047	U	mg/kg dry	1	0.00047	0.0019	1C17033	EPA 8081B	03/21/11 12:33	MSZ	
Endosulfan II [33213-65-9] ^	0.00045	U	mg/kg dry	1	0.00045	0.0019	1C17033	EPA 8081B	03/21/11 12:33	MSZ	
Endosulfan sulfate [1031-07-8] ^	0.00055	U	mg/kg dry	1	0.00055	0.0019	1C17033	EPA 8081B	03/21/11 12:33	MSZ	
Endrin [72-20-8] ^	0.00045	U	mg/kg dry	1	0.00045	0.0019	1C17033	EPA 8081B	03/21/11 12:33	MSZ	
Endrin aldehyde [7421-93-4] ^	0.00039	U	mg/kg dry	1	0.00039	0.0019	1C17033	EPA 8081B	03/21/11 12:33	MSZ	
Endrin ketone [53494-70-5] ^	0.00034	U	mg/kg dry	1	0.00034	0.0019	1C17033	EPA 8081B	03/21/11 12:33	MSZ	
gamma-BHC [58-89-9] ^	0.00048	U	mg/kg dry	1	0.00048	0.0019	1C17033	EPA 8081B	03/21/11 12:33	MSZ	
Heptachlor [76-44-8] ^	0.00053	U	mg/kg dry	1	0.00053	0.0019	1C17033	EPA 8081B	03/21/11 12:33	MSZ	
Heptachlor epoxide [1024-57-3] ^	0.00049	U	mg/kg dry	1	0.00049	0.0019	1C17033	EPA 8081B	03/21/11 12:33	MSZ	
Isodrin [465-73-6] ^	0.00041	U	mg/kg dry	1	0.00041	0.0019	1C17033	EPA 8081B	03/21/11 12:33	MSZ	
Methoxychlor [72-43-5] ^	0.00048	U	mg/kg dry	1	0.00048	0.0019	1C17033	EPA 8081B	03/21/11 12:33	MSZ	
Mirex [2385-85-5] ^	0.00064	U	mg/kg dry	1	0.00064	0.0019	1C17033	EPA 8081B	03/21/11 12:33	MSZ	
Toxaphene [8001-35-2] ^	0.012	U	mg/kg dry	1	0.012	0.019	1C17033	EPA 8081B	03/21/11 12:33	MSZ	

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Description: SP-23 BASE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-05
Sampled: 03/07/11 14:22
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 87.5

Polychlorinated Biphenyls by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
PCB-1016/1242 [12674-11-2/53469-21-9] ^	0.0087	U	mg/kg dry	1	0.0087	0.019	1C17034	EPA 8082A	03/21/11 12:33	MSZ	
PCB-1221 [11104-28-2] ^	0.0059	U	mg/kg dry	1	0.0059	0.019	1C17034	EPA 8082A	03/21/11 12:33	MSZ	
PCB-1232 [11141-16-5] ^	0.0059	U	mg/kg dry	1	0.0059	0.019	1C17034	EPA 8082A	03/21/11 12:33	MSZ	
PCB-1248 [12672-29-6] ^	0.0059	U	mg/kg dry	1	0.0059	0.019	1C17034	EPA 8082A	03/21/11 12:33	MSZ	
PCB-1254 [11097-69-1] ^	0.0059	U	mg/kg dry	1	0.0059	0.019	1C17034	EPA 8082A	03/21/11 12:33	MSZ	
PCB-1260 [11096-82-5] ^	0.0047	U	mg/kg dry	1	0.0047	0.019	1C17034	EPA 8082A	03/21/11 12:33	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,5,6-TCMX	*0.046*	*1*	*0.0381*	*120 %*	*44-168*	*1C17034*	*EPA 8082A*	*03/21/11 12:33*	*MSZ*	
Decachlorobiphenyl	*0.042*	*1*	*0.0381*	*110 %*	*51-154*	*1C17034*	*EPA 8082A*	*03/21/11 12:33*	*MSZ*	

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Description:	SP-23 BASE	**Lab Sample ID:**	C102268-05	**Received:**	03/08/11 13:00
Matrix:	Soil	**Sampled:**	03/07/11 14:22	**Work Order:**	C102268
Project:	Point Harbour Site	**Sampled By:**	Michael Sabodish	**% Solids:**	87.5

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	**3.64**	B	mg/kg dry	1	0.114	0.571	1C09009	EPA 6010C	03/10/11 11:55	JDH	QB-01
Lead [7439-92-1] ^	**8.73**		mg/kg dry	1	0.137	0.571	1C09009	EPA 6010C	03/10/11 11:55	JDH	

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Description:	SP-23 BASE	**Lab Sample ID:**	C102268-05	**Received:**	03/08/11 13:00
Matrix:	Soil	**Sampled:**	03/07/11 14:22	**Work Order:**	C102268
Project:	Point Harbour Site	**Sampled By:**	Michael Sabodish	**% Solids:**	87.5

Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM) [C-0007] ^	**220**		mg/kg dry	1	57.1	57.1	1C17007	EPA 9071B	03/22/11 11:48	MJF	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SP-24 NSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-06
Sampled: 03/07/11 16:30
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 86.6

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00015	U	mg/kg dry	1	0.00015	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00018	U	mg/kg dry	1	0.00018	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00021	U	mg/kg dry	1	0.00021	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00023	U	mg/kg dry	1	0.00023	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00027	U	mg/kg dry	1	0.00027	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00029	U	mg/kg dry	1	0.00029	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00019	U	mg/kg dry	1	0.00019	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00031	U	mg/kg dry	1	0.00031	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00025	U	mg/kg dry	1	0.00025	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00072	U	mg/kg dry	1	0.00072	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00042	U	mg/kg dry	1	0.00042	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00025	U	mg/kg dry	1	0.00025	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00035	U	mg/kg dry	1	0.00035	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00024	U	mg/kg dry	1	0.00024	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00018	U	mg/kg dry	1	0.00018	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00020	U	mg/kg dry	1	0.00020	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00027	U	mg/kg dry	1	0.00027	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00018	U	mg/kg dry	1	0.00018	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00021	U	mg/kg dry	1	0.00021	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
2-Butanone [78-93-3] ^	**0.0041**	**J**	mg/kg dry	1	0.00071	0.0046	1C14027	EPA 8260B	03/15/11 00:44	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00045	U	mg/kg dry	1	0.00045	0.0046	1C14027	EPA 8260B	03/15/11 00:44	JKG	
2-Chlorotoluene [95-49-8] ^	0.00016	U	mg/kg dry	1	0.00016	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
2-Hexanone [591-78-6] ^	0.00069	U	mg/kg dry	1	0.00069	0.0046	1C14027	EPA 8260B	03/15/11 00:44	JKG	
4-Chlorotoluene [106-43-4] ^	0.00024	U	mg/kg dry	1	0.00024	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00015	U	mg/kg dry	1	0.00015	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00052	U	mg/kg dry	1	0.00052	0.0046	1C14027	EPA 8260B	03/15/11 00:44	JKG	
Acetone [67-64-1] ^	**0.031**		mg/kg dry	1	0.0011	0.0046	1C14027	EPA 8260B	03/15/11 00:44	JKG	
Benzene [71-43-2] ^	0.00016	U	mg/kg dry	1	0.00016	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
Bromobenzene [108-86-1] ^	0.00020	U	mg/kg dry	1	0.00020	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
Bromochloromethane [74-97-5] ^	0.00038	U	mg/kg dry	1	0.00038	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
Bromodichloromethane [75-27-4] ^	0.00022	U	mg/kg dry	1	0.00022	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
Bromoform [75-25-2] ^	0.00041	U	mg/kg dry	1	0.00041	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
Bromomethane [74-83-9] ^	0.00021	U	mg/kg dry	1	0.00021	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
Carbon disulfide [75-15-0] ^	0.00036	U	mg/kg dry	1	0.00036	0.0046	1C14027	EPA 8260B	03/15/11 00:44	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00020	U	mg/kg dry	1	0.00020	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
Chlorobenzene [108-90-7] ^	0.00016	U	mg/kg dry	1	0.00016	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
Chloroethane [75-00-3] ^	0.00023	U	mg/kg dry	1	0.00023	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
Chloroform [67-66-3] ^	0.00016	U	mg/kg dry	1	0.00016	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
Chloromethane [74-87-3] ^	0.00014	U	mg/kg dry	1	0.00014	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00021	U	mg/kg dry	1	0.00021	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00012	U	mg/kg dry	1	0.00012	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
Dibromochloromethane [124-48-1] ^	0.00032	U	mg/kg dry	1	0.00032	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
Dibromomethane [74-95-3] ^	0.00028	U	mg/kg dry	1	0.00028	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00041	U	mg/kg dry	1	0.00041	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
Ethylbenzene [100-41-4] ^	0.00018	U	mg/kg dry	1	0.00018	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00032	U	mg/kg dry	1	0.00032	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
Isopropylbenzene [98-82-8] ^	0.00014	U	mg/kg dry	1	0.00014	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00034	U	mg/kg dry	1	0.00034	0.0018	1C14027	EPA 8260B	03/15/11 00:44	JKG	
Methylene Chloride [75-09-2] ^	0.00051	U	mg/kg dry	1	0.00051	0.0018	1C14027	EPA 8260B	03/15/11 00:44	JKG	

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Description: SP-24 NSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-06
Sampled: 03/07/11 16:30
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 86.6

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00027	U	mg/kg dry	1	0.00027	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
Naphthalene [91-20-3] ^	0.00022	U	mg/kg dry	1	0.00022	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
n-Butyl Benzene [104-51-8] ^	0.00020	U	mg/kg dry	1	0.00020	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
n-Propyl Benzene [103-65-1] ^	0.00016	U	mg/kg dry	1	0.00016	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
o-Xylene [95-47-6] ^	0.00020	U	mg/kg dry	1	0.00020	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
sec-Butylbenzene [135-98-8] ^	0.00020	U	mg/kg dry	1	0.00020	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
Styrene [100-42-5] ^	0.00016	U	mg/kg dry	1	0.00016	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
tert-Butylbenzene [98-06-6] ^	0.00015	U	mg/kg dry	1	0.00015	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
Tetrachloroethene [127-18-4] ^	0.00026	U	mg/kg dry	1	0.00026	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
Toluene [108-88-3] ^	0.00018	U	mg/kg dry	1	0.00018	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00034	U	mg/kg dry	1	0.00034	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00036	U	mg/kg dry	1	0.00036	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
Trichloroethene [79-01-6] ^	0.00025	U	mg/kg dry	1	0.00025	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00024	U	mg/kg dry	1	0.00024	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
Vinyl chloride [75-01-4] ^	0.00022	U	mg/kg dry	1	0.00022	0.00092	1C14027	EPA 8260B	03/15/11 00:44	JKG	
Xylenes (Total) [1330-20-7] ^	0.00051	U	mg/kg dry	1	0.00051	0.0027	1C14027	EPA 8260B	03/15/11 00:44	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*47*	*1*	*50.0*	*93 %*	*61-118*	*1C14027*	*EPA 8260B*	*03/15/11 00:44*	*JKG*	
Dibromofluoromethane	*44*	*1*	*50.0*	*88 %*	*66-114*	*1C14027*	*EPA 8260B*	*03/15/11 00:44*	*JKG*	
Toluene-d8	*47*	*1*	*50.0*	*93 %*	*63-118*	*1C14027*	*EPA 8260B*	*03/15/11 00:44*	*JKG*	

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Description: SP-24 NSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-06
Sampled: 03/07/11 16:30
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 86.6

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
1,2-Dichlorobenzene [95-50-1] ^	0.027	U	mg/kg dry	1	0.027	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
1,3-Dichlorobenzene [541-73-1] ^	0.023	U	mg/kg dry	1	0.023	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
1,4-Dichlorobenzene [106-46-7] ^	0.024	U	mg/kg dry	1	0.024	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
1-Methylnaphthalene [90-12-0] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
2,4,5-Trichlorophenol [95-95-4] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
2,4-Dichlorophenol [120-83-2] ^	0.028	U	mg/kg dry	1	0.028	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
2,4-Dimethylphenol [105-67-9] ^	0.050	U	mg/kg dry	1	0.050	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
2,4-Dinitrophenol [51-28-5] ^	0.050	U	mg/kg dry	1	0.050	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
2,4-Dinitrotoluene [121-14-2] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
2,6-Dinitrotoluene [606-20-2] ^	0.036	U	mg/kg dry	1	0.036	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
2-Chloronaphthalene [91-58-7] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
2-Chlorophenol [95-57-8] ^	0.029	U	mg/kg dry	1	0.029	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
2-Methylnaphthalene [91-57-6] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
2-Methylphenol [95-48-7] ^	0.029	U	mg/kg dry	1	0.029	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
2-Nitroaniline [88-74-4] ^	0.035	U	mg/kg dry	1	0.035	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
2-Nitrophenol [88-75-5] ^	0.036	U	mg/kg dry	1	0.036	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	0.11	U	mg/kg dry	1	0.11	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
3-Nitroaniline [99-09-2] ^	0.042	U	mg/kg dry	1	0.042	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
4-Chloroaniline [106-47-8] ^	0.11	U	mg/kg dry	1	0.11	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
4-Nitroaniline [100-01-6] ^	0.061	U	mg/kg dry	1	0.061	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
4-Nitrophenol [100-02-7]	0.036	U	mg/kg dry	1	0.036	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
Acenaphthene [83-32-9] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
Acenaphthylene [208-96-8] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
Anthracene [120-12-7] ^	0.044	U	mg/kg dry	1	0.044	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
Benzidine [92-87-5] ^	0.13	U	mg/kg dry	1	0.13	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
Benzo(a)anthracene [56-55-3] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
Benzo(a)pyrene [50-32-8] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
Benzo(b)fluoranthene [205-99-2] ^	0.021	U	mg/kg dry	1	0.021	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	0.054	U	mg/kg dry	1	0.054	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
Benzoic acid [65-85-0] ^	0.17	U	mg/kg dry	1	0.17	2.0	1C18001	EPA 8270D	03/21/11 20:00	DFM	
Benzyl alcohol [100-51-6] ^	0.027	U	mg/kg dry	1	0.027	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	0.029	U	mg/kg dry	1	0.029	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	0.050	U	mg/kg dry	1	0.050	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] ^	0.028	U	mg/kg dry	1	0.028	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	0.092	JB	mg/kg dry	1	0.040	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	B
Butylbenzylphthalate [85-68-7] ^	0.046	U	mg/kg dry	1	0.046	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
Chrysene [218-01-9] ^	0.035	U	mg/kg dry	1	0.035	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.059	U	mg/kg dry	1	0.059	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
Dibenzofuran [132-64-9] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
Diethylphthalate [84-66-2] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
Dimethylphthalate [131-11-3] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
Di-n-butylphthalate [84-74-2] ^	0.047	U	mg/kg dry	1	0.047	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
Di-n-octylphthalate [117-84-0] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	

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Sampled: 03/07/11 16:30
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 86.6

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	0.042	U	mg/kg dry	1	0.042	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
Fluorene [86-73-7] ^	0.033	U	mg/kg dry	1	0.033	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
Hexachlorobenzene [118-74-1] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
Hexachlorobutadiene [87-68-3] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	0.045	U	mg/kg dry	1	0.045	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
Hexachloroethane [67-72-1] ^	0.024	U	mg/kg dry	1	0.024	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.054	U	mg/kg dry	1	0.054	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
Isophorone [78-59-1] ^	0.035	U	mg/kg dry	1	0.035	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
Naphthalene [91-20-3] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
Nitrobenzene [98-95-3] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
N-Nitrosodimethylamine [62-75-9] ^	0.024	U	mg/kg dry	1	0.024	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	0.094	U	mg/kg dry	1	0.094	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	0.062	U	mg/kg dry	1	0.062	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
Pentachlorophenol [87-86-5]	0.038	U	mg/kg dry	1	0.038	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	QV-01
Phenanthrene [85-01-8] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
Phenol [108-95-2] ^	0.025	U	mg/kg dry	1	0.025	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
Pyrene [129-00-0] ^	0.044	U	mg/kg dry	1	0.044	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	
Pyridine [110-86-1] ^	0.095	U	mg/kg dry	1	0.095	0.38	1C18001	EPA 8270D	03/21/11 20:00	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*3.9*	*1*	*3.85*	*100 %*	*28-130*	*1C18001*	*EPA 8270D*	*03/21/11 20:00*	*DFM*	
2-Fluorobiphenyl	*1.8*	*1*	*1.92*	*93 %*	*56-120*	*1C18001*	*EPA 8270D*	*03/21/11 20:00*	*DFM*	
2-Fluorophenol	*2.7*	*1*	*3.85*	*70 %*	*49-126*	*1C18001*	*EPA 8270D*	*03/21/11 20:00*	*DFM*	
Nitrobenzene-d5	*1.5*	*1*	*1.92*	*80 %*	*50-117*	*1C18001*	*EPA 8270D*	*03/21/11 20:00*	*DFM*	
Phenol-d5	*3.1*	*1*	*3.85*	*80 %*	*56-120*	*1C18001*	*EPA 8270D*	*03/21/11 20:00*	*DFM*	
Terphenyl-d14	*1.7*	*1*	*1.92*	*90 %*	*36-151*	*1C18001*	*EPA 8270D*	*03/21/11 20:00*	*DFM*	

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Description: SP-24 NSW
Matrix: Soil
Project: Point Harbour Site

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Sampled: 03/07/11 16:30
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Organochlorine Pesticides by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8] ^	0.00037	U	mg/kg dry	1	0.00037	0.0020	1C17033	EPA 8081B	03/21/11 12:47	MSZ	
4,4'-DDE [72-55-9] ^	0.00047	U	mg/kg dry	1	0.00047	0.0020	1C17033	EPA 8081B	03/21/11 12:47	MSZ	
4,4'-DDT [50-29-3] ^	0.00060	U	mg/kg dry	1	0.00060	0.0020	1C17033	EPA 8081B	03/21/11 12:47	MSZ	
Aldrin [309-00-2] ^	0.00042	U	mg/kg dry	1	0.00042	0.0020	1C17033	EPA 8081B	03/21/11 12:47	MSZ	
alpha-BHC [319-84-6] ^	0.00057	U	mg/kg dry	1	0.00057	0.0020	1C17033	EPA 8081B	03/21/11 12:47	MSZ	
beta-BHC [319-85-7] ^	0.00082	U	mg/kg dry	1	0.00082	0.0020	1C17033	EPA 8081B	03/21/11 12:47	MSZ	
Chlordane (tech) [12789-03-6] ^	0.0013	U	mg/kg dry	1	0.0013	0.038	1C17033	EPA 8081B	03/21/11 12:47	MSZ	
Chlordane-alpha [5103-71-9] ^	0.00053	U	mg/kg dry	1	0.00053	0.0020	1C17033	EPA 8081B	03/21/11 12:47	MSZ	
Chlordane-gamma [5566-34-7] ^	0.00069	U	mg/kg dry	1	0.00069	0.0020	1C17033	EPA 8081B	03/21/11 12:47	MSZ	
delta-BHC [319-86-8] ^	0.00035	U	mg/kg dry	1	0.00035	0.0020	1C17033	EPA 8081B	03/21/11 12:47	MSZ	
Dieldrin [60-57-1] ^	0.00037	U	mg/kg dry	1	0.00037	0.0020	1C17033	EPA 8081B	03/21/11 12:47	MSZ	
Endosulfan I [959-98-8] ^	0.00047	U	mg/kg dry	1	0.00047	0.0020	1C17033	EPA 8081B	03/21/11 12:47	MSZ	
Endosulfan II [33213-65-9] ^	0.00045	U	mg/kg dry	1	0.00045	0.0020	1C17033	EPA 8081B	03/21/11 12:47	MSZ	
Endosulfan sulfate [1031-07-8] ^	0.00055	U	mg/kg dry	1	0.00055	0.0020	1C17033	EPA 8081B	03/21/11 12:47	MSZ	
Endrin [72-20-8] ^	0.00045	U	mg/kg dry	1	0.00045	0.0020	1C17033	EPA 8081B	03/21/11 12:47	MSZ	
Endrin aldehyde [7421-93-4] ^	0.00039	U	mg/kg dry	1	0.00039	0.0020	1C17033	EPA 8081B	03/21/11 12:47	MSZ	
Endrin ketone [53494-70-5] ^	0.00035	U	mg/kg dry	1	0.00035	0.0020	1C17033	EPA 8081B	03/21/11 12:47	MSZ	
gamma-BHC [58-89-9] ^	0.00048	U	mg/kg dry	1	0.00048	0.0020	1C17033	EPA 8081B	03/21/11 12:47	MSZ	
Heptachlor [76-44-8] ^	0.00053	U	mg/kg dry	1	0.00053	0.0020	1C17033	EPA 8081B	03/21/11 12:47	MSZ	
Heptachlor epoxide [1024-57-3] ^	0.00050	U	mg/kg dry	1	0.00050	0.0020	1C17033	EPA 8081B	03/21/11 12:47	MSZ	
Isodrin [465-73-6] ^	0.00042	U	mg/kg dry	1	0.00042	0.0020	1C17033	EPA 8081B	03/21/11 12:47	MSZ	
Methoxychlor [72-43-5] ^	0.00048	U	mg/kg dry	1	0.00048	0.0020	1C17033	EPA 8081B	03/21/11 12:47	MSZ	
Mirex [2385-85-5] ^	0.00065	U	mg/kg dry	1	0.00065	0.0020	1C17033	EPA 8081B	03/21/11 12:47	MSZ	
Toxaphene [8001-35-2] ^	0.012	U	mg/kg dry	1	0.012	0.020	1C17033	EPA 8081B	03/21/11 12:47	MSZ	

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Polychlorinated Biphenyls by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
PCB-1016/1242 [12674-11-2/53469-21-9] ^	0.0088	U	mg/kg dry	1	0.0088	0.020	1C17034	EPA 8082A	03/21/11 12:47	MSZ	
PCB-1221 [11104-28-2] ^	0.0060	U	mg/kg dry	1	0.0060	0.020	1C17034	EPA 8082A	03/21/11 12:47	MSZ	
PCB-1232 [11141-16-5] ^	0.0060	U	mg/kg dry	1	0.0060	0.020	1C17034	EPA 8082A	03/21/11 12:47	MSZ	
PCB-1248 [12672-29-6] ^	0.0060	U	mg/kg dry	1	0.0060	0.020	1C17034	EPA 8082A	03/21/11 12:47	MSZ	
PCB-1254 [11097-69-1] ^	0.0060	U	mg/kg dry	1	0.0060	0.020	1C17034	EPA 8082A	03/21/11 12:47	MSZ	
PCB-1260 [11096-82-5] ^	0.0047	U	mg/kg dry	1	0.0047	0.020	1C17034	EPA 8082A	03/21/11 12:47	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,5,6-TCMX	*0.046*	*1*	*0.0385*	*120 %*	*44-168*	*1C17034*	*EPA 8082A*	*03/21/11 12:47*	*MSZ*	
Decachlorobiphenyl	*0.035*	*1*	*0.0385*	*90 %*	*51-154*	*1C17034*	*EPA 8082A*	*03/21/11 12:47*	*MSZ*	

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Description: SP-24 NSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-06
Sampled: 03/07/11 16:30
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 86.6

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	3.85	B	mg/kg dry	1	0.115	0.577	1C09009	EPA 6010C	03/10/11 11:57	JDH	QB-01
Lead [7439-92-1] ^	2.95		mg/kg dry	1	0.139	0.577	1C09009	EPA 6010C	03/10/11 11:57	JDH	

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Description: SP-24 NSW	**Lab Sample ID:** C102268-06	**Received:** 03/08/11 13:00
Matrix: Soil	**Sampled:** 03/07/11 16:30	**Work Order:** C102268
Project: Point Harbour Site	**Sampled By:** Michael Sabodish	**% Solids:** 86.6

Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM) [C-0007] ^	**306**		mg/kg dry	1	57.7	57.7	1C17007	EPA 9071B	03/22/11 11:48	MJF	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SP-24 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-07
Sampled: 03/07/11 16:30
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 88.1

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00020	U	mg/kg dry	1	0.00020	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00023	U	mg/kg dry	1	0.00023	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00025	U	mg/kg dry	1	0.00025	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00030	U	mg/kg dry	1	0.00030	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00032	U	mg/kg dry	1	0.00032	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00021	U	mg/kg dry	1	0.00021	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00034	U	mg/kg dry	1	0.00034	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00027	U	mg/kg dry	1	0.00027	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00078	U	mg/kg dry	1	0.00078	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00045	U	mg/kg dry	1	0.00045	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00027	U	mg/kg dry	1	0.00027	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00038	U	mg/kg dry	1	0.00038	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00026	U	mg/kg dry	1	0.00026	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00020	U	mg/kg dry	1	0.00020	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00022	U	mg/kg dry	1	0.00022	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00029	U	mg/kg dry	1	0.00029	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00020	U	mg/kg dry	1	0.00020	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00023	U	mg/kg dry	1	0.00023	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
2-Butanone [78-93-3] ^	0.00077	U	mg/kg dry	1	0.00077	0.0049	1C14027	EPA 8260B	03/15/11 01:13	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00048	U	mg/kg dry	1	0.00048	0.0049	1C14027	EPA 8260B	03/15/11 01:13	JKG	
2-Chlorotoluene [95-49-8] ^	0.00018	U	mg/kg dry	1	0.00018	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
2-Hexanone [591-78-6] ^	0.00074	U	mg/kg dry	1	0.00074	0.0049	1C14027	EPA 8260B	03/15/11 01:13	JKG	
4-Chlorotoluene [106-43-4] ^	0.00026	U	mg/kg dry	1	0.00026	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00056	U	mg/kg dry	1	0.00056	0.0049	1C14027	EPA 8260B	03/15/11 01:13	JKG	
Acetone [67-64-1] ^	**0.044**		mg/kg dry	1	0.0012	0.0049	1C14027	EPA 8260B	03/15/11 01:13	JKG	
Benzene [71-43-2] ^	0.00017	U	mg/kg dry	1	0.00017	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
Bromobenzene [108-86-1] ^	0.00022	U	mg/kg dry	1	0.00022	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
Bromochloromethane [74-97-5] ^	0.00040	U	mg/kg dry	1	0.00040	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
Bromodichloromethane [75-27-4] ^	0.00024	U	mg/kg dry	1	0.00024	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
Bromoform [75-25-2] ^	0.00044	U	mg/kg dry	1	0.00044	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
Bromomethane [74-83-9] ^	0.00023	U	mg/kg dry	1	0.00023	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
Carbon disulfide [75-15-0] ^	**0.00066**	J	mg/kg dry	1	0.00039	0.0049	1C14027	EPA 8260B	03/15/11 01:13	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00022	U	mg/kg dry	1	0.00022	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
Chlorobenzene [108-90-7] ^	0.00017	U	mg/kg dry	1	0.00017	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
Chloroethane [75-00-3] ^	0.00025	U	mg/kg dry	1	0.00025	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
Chloroform [67-66-3] ^	0.00017	U	mg/kg dry	1	0.00017	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
Chloromethane [74-87-3] ^	0.00015	U	mg/kg dry	1	0.00015	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00023	U	mg/kg dry	1	0.00023	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00013	U	mg/kg dry	1	0.00013	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
Dibromochloromethane [124-48-1] ^	0.00035	U	mg/kg dry	1	0.00035	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
Dibromomethane [74-95-3] ^	0.00031	U	mg/kg dry	1	0.00031	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00044	U	mg/kg dry	1	0.00044	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
Ethylbenzene [100-41-4] ^	0.00020	U	mg/kg dry	1	0.00020	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00035	U	mg/kg dry	1	0.00035	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
Isopropylbenzene [98-82-8] ^	0.00015	U	mg/kg dry	1	0.00015	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00037	U	mg/kg dry	1	0.00037	0.0020	1C14027	EPA 8260B	03/15/11 01:13	JKG	
Methylene Chloride [75-09-2] ^	**0.0013**	J	mg/kg dry	1	0.00055	0.0020	1C14027	EPA 8260B	03/15/11 01:13	JKG	

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Description: SP-24 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-07
Sampled: 03/07/11 16:30
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 88.1

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00030	U	mg/kg dry	1	0.00030	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
Naphthalene [91-20-3] ^	0.00024	U	mg/kg dry	1	0.00024	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
n-Butyl Benzene [104-51-8] ^	0.00022	U	mg/kg dry	1	0.00022	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
n-Propyl Benzene [103-65-1] ^	0.00018	U	mg/kg dry	1	0.00018	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
o-Xylene [95-47-6] ^	0.00022	U	mg/kg dry	1	0.00022	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
sec-Butylbenzene [135-98-8] ^	0.00022	U	mg/kg dry	1	0.00022	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
Styrene [100-42-5] ^	0.00017	U	mg/kg dry	1	0.00017	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
tert-Butylbenzene [98-06-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
Tetrachloroethene [127-18-4] ^	0.00028	U	mg/kg dry	1	0.00028	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
Toluene [108-88-3] ^	0.00020	U	mg/kg dry	1	0.00020	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00037	U	mg/kg dry	1	0.00037	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00039	U	mg/kg dry	1	0.00039	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
Trichloroethene [79-01-6] ^	0.00027	U	mg/kg dry	1	0.00027	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00026	U	mg/kg dry	1	0.00026	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
Vinyl chloride [75-01-4] ^	0.00024	U	mg/kg dry	1	0.00024	0.00099	1C14027	EPA 8260B	03/15/11 01:13	JKG	
Xylenes (Total) [1330-20-7] ^	0.00055	U	mg/kg dry	1	0.00055	0.0030	1C14027	EPA 8260B	03/15/11 01:13	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*47*	*1*	*50.0*	*95 %*	*61-118*	*1C14027*	*EPA 8260B*	*03/15/11 01:13*	*JKG*	
Dibromofluoromethane	*45*	*1*	*50.0*	*90 %*	*66-114*	*1C14027*	*EPA 8260B*	*03/15/11 01:13*	*JKG*	
Toluene-d8	*46*	*1*	*50.0*	*93 %*	*63-118*	*1C14027*	*EPA 8260B*	*03/15/11 01:13*	*JKG*	

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Description: SP-24 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-07
Sampled: 03/07/11 16:30
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 88.1

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	0.030	U	mg/kg dry	1	0.030	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
1,2-Dichlorobenzene [95-50-1] ^	0.026	U	mg/kg dry	1	0.026	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
1,3-Dichlorobenzene [541-73-1] ^	0.023	U	mg/kg dry	1	0.023	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
1,4-Dichlorobenzene [106-46-7] ^	0.024	U	mg/kg dry	1	0.024	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
1-Methylnaphthalene [90-12-0] ^	0.031	U	mg/kg dry	1	0.031	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
2,4,5-Trichlorophenol [95-95-4] ^	0.031	U	mg/kg dry	1	0.031	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	0.031	U	mg/kg dry	1	0.031	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
2,4-Dichlorophenol [120-83-2] ^	0.027	U	mg/kg dry	1	0.027	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
2,4-Dimethylphenol [105-67-9] ^	0.049	U	mg/kg dry	1	0.049	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
2,4-Dinitrophenol [51-28-5] ^	0.049	U	mg/kg dry	1	0.049	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
2,4-Dinitrotoluene [121-14-2] ^	0.032	U	mg/kg dry	1	0.032	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
2,6-Dinitrotoluene [606-20-2] ^	0.035	U	mg/kg dry	1	0.035	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
2-Chloronaphthalene [91-58-7] ^	0.032	U	mg/kg dry	1	0.032	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
2-Chlorophenol [95-57-8] ^	0.028	U	mg/kg dry	1	0.028	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	0.037	U	mg/kg dry	1	0.037	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
2-Methylnaphthalene [91-57-6] ^	0.032	U	mg/kg dry	1	0.032	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
2-Methylphenol [95-48-7] ^	0.028	U	mg/kg dry	1	0.028	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
2-Nitroaniline [88-74-4] ^	0.034	U	mg/kg dry	1	0.034	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
2-Nitrophenol [88-75-5] ^	0.035	U	mg/kg dry	1	0.035	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.030	U	mg/kg dry	1	0.030	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	0.11	U	mg/kg dry	1	0.11	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
3-Nitroaniline [99-09-2] ^	0.041	U	mg/kg dry	1	0.041	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	0.031	U	mg/kg dry	1	0.031	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	0.037	U	mg/kg dry	1	0.037	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
4-Chloroaniline [106-47-8] ^	0.11	U	mg/kg dry	1	0.11	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	0.030	U	mg/kg dry	1	0.030	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
4-Nitroaniline [100-01-6] ^	0.060	U	mg/kg dry	1	0.060	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
4-Nitrophenol [100-02-7]	0.035	U	mg/kg dry	1	0.035	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
Acenaphthene [83-32-9] ^	0.032	U	mg/kg dry	1	0.032	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
Acenaphthylene [208-96-8] ^	0.032	U	mg/kg dry	1	0.032	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
Anthracene [120-12-7] ^	0.043	U	mg/kg dry	1	0.043	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
Benzidine [92-87-5] ^	0.12	U	mg/kg dry	1	0.12	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
Benzo(a)anthracene [56-55-3] ^	0.032	U	mg/kg dry	1	0.032	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
Benzo(a)pyrene [50-32-8] ^	0.037	U	mg/kg dry	1	0.037	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
Benzo(b)fluoranthene [205-99-2] ^	0.020	U	mg/kg dry	1	0.020	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	0.053	U	mg/kg dry	1	0.053	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.037	U	mg/kg dry	1	0.037	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
Benzoic acid [65-85-0] ^	0.17	U	mg/kg dry	1	0.17	1.9	1C18001	EPA 8270D	03/21/11 20:45	DFM	
Benzyl alcohol [100-51-6] ^	0.026	U	mg/kg dry	1	0.026	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	0.028	U	mg/kg dry	1	0.028	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	0.049	U	mg/kg dry	1	0.049	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] ^	0.027	U	mg/kg dry	1	0.027	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	0.054	JB	mg/kg dry	1	0.040	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	B
Butylbenzylphthalate [85-68-7] ^	0.045	U	mg/kg dry	1	0.045	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
Chrysene [218-01-9] ^	0.034	U	mg/kg dry	1	0.034	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.058	U	mg/kg dry	1	0.058	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
Dibenzofuran [132-64-9] ^	0.031	U	mg/kg dry	1	0.031	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
Diethylphthalate [84-66-2] ^	0.032	U	mg/kg dry	1	0.032	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
Dimethylphthalate [131-11-3] ^	0.037	U	mg/kg dry	1	0.037	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
Di-n-butylphthalate [84-74-2] ^	0.047	U	mg/kg dry	1	0.047	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
Di-n-octylphthalate [117-84-0] ^	0.037	U	mg/kg dry	1	0.037	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	

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Description: SP-24 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-07
Sampled: 03/07/11 16:30
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 88.1

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	0.041	U	mg/kg dry	1	0.041	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
Fluorene [86-73-7] ^	0.033	U	mg/kg dry	1	0.033	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
Hexachlorobenzene [118-74-1] ^	0.030	U	mg/kg dry	1	0.030	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
Hexachlorobutadiene [87-68-3] ^	0.030	U	mg/kg dry	1	0.030	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	0.044	U	mg/kg dry	1	0.044	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
Hexachloroethane [67-72-1] ^	0.024	U	mg/kg dry	1	0.024	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.053	U	mg/kg dry	1	0.053	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
Isophorone [78-59-1] ^	0.034	U	mg/kg dry	1	0.034	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
Naphthalene [91-20-3] ^	0.032	U	mg/kg dry	1	0.032	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
Nitrobenzene [98-95-3] ^	0.030	U	mg/kg dry	1	0.030	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
N-Nitrosodimethylamine [62-75-9] ^	0.024	U	mg/kg dry	1	0.024	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	0.092	U	mg/kg dry	1	0.092	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	0.061	U	mg/kg dry	1	0.061	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
Pentachlorophenol [87-86-5]	0.037	U	mg/kg dry	1	0.037	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	QV-01
Phenanthrene [85-01-8] ^	0.031	U	mg/kg dry	1	0.031	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
Phenol [108-95-2] ^	0.025	U	mg/kg dry	1	0.025	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
Pyrene [129-00-0] ^	0.043	U	mg/kg dry	1	0.043	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	
Pyridine [110-86-1] ^	0.093	U	mg/kg dry	1	0.093	0.37	1C18001	EPA 8270D	03/21/11 20:45	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*3.6*	*1*	*3.78*	*96 %*	*28-130*	*1C18001*	*EPA 8270D*	*03/21/11 20:45*	*DFM*	
2-Fluorobiphenyl	*1.7*	*1*	*1.89*	*90 %*	*56-120*	*1C18001*	*EPA 8270D*	*03/21/11 20:45*	*DFM*	
2-Fluorophenol	*2.6*	*1*	*3.78*	*69 %*	*49-126*	*1C18001*	*EPA 8270D*	*03/21/11 20:45*	*DFM*	
Nitrobenzene-d5	*1.5*	*1*	*1.89*	*78 %*	*50-117*	*1C18001*	*EPA 8270D*	*03/21/11 20:45*	*DFM*	
Phenol-d5	*2.9*	*1*	*3.78*	*77 %*	*56-120*	*1C18001*	*EPA 8270D*	*03/21/11 20:45*	*DFM*	
Terphenyl-d14	*1.6*	*1*	*1.89*	*86 %*	*36-151*	*1C18001*	*EPA 8270D*	*03/21/11 20:45*	*DFM*	

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Description: SP-24 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-07
Sampled: 03/07/11 16:30
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 88.1

Organochlorine Pesticides by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8] ^	0.00036	U	mg/kg dry	1	0.00036	0.0019	1C17033	EPA 8081B	03/21/11 13:00	MSZ	
4,4'-DDE [72-55-9] ^	0.00047	U	mg/kg dry	1	0.00047	0.0019	1C17033	EPA 8081B	03/21/11 13:00	MSZ	
4,4'-DDT [50-29-3] ^	0.00059	U	mg/kg dry	1	0.00059	0.0019	1C17033	EPA 8081B	03/21/11 13:00	MSZ	
Aldrin [309-00-2] ^	0.00041	U	mg/kg dry	1	0.00041	0.0019	1C17033	EPA 8081B	03/21/11 13:00	MSZ	
alpha-BHC [319-84-6] ^	0.00056	U	mg/kg dry	1	0.00056	0.0019	1C17033	EPA 8081B	03/21/11 13:00	MSZ	
beta-BHC [319-85-7] ^	0.00081	U	mg/kg dry	1	0.00081	0.0019	1C17033	EPA 8081B	03/21/11 13:00	MSZ	
Chlordane (tech) [12789-03-6] ^	0.0013	U	mg/kg dry	1	0.0013	0.037	1C17033	EPA 8081B	03/21/11 13:00	MSZ	
Chlordane-alpha [5103-71-9] ^	0.00052	U	mg/kg dry	1	0.00052	0.0019	1C17033	EPA 8081B	03/21/11 13:00	MSZ	
Chlordane-gamma [5566-34-7] ^	0.00068	U	mg/kg dry	1	0.00068	0.0019	1C17033	EPA 8081B	03/21/11 13:00	MSZ	
delta-BHC [319-86-8] ^	0.00034	U	mg/kg dry	1	0.00034	0.0019	1C17033	EPA 8081B	03/21/11 13:00	MSZ	
Dieldrin [60-57-1] ^	0.00036	U	mg/kg dry	1	0.00036	0.0019	1C17033	EPA 8081B	03/21/11 13:00	MSZ	
Endosulfan I [959-98-8] ^	0.00047	U	mg/kg dry	1	0.00047	0.0019	1C17033	EPA 8081B	03/21/11 13:00	MSZ	
Endosulfan II [33213-65-9] ^	0.00044	U	mg/kg dry	1	0.00044	0.0019	1C17033	EPA 8081B	03/21/11 13:00	MSZ	
Endosulfan sulfate [1031-07-8] ^	0.00055	U	mg/kg dry	1	0.00055	0.0019	1C17033	EPA 8081B	03/21/11 13:00	MSZ	
Endrin [72-20-8] ^	0.00044	U	mg/kg dry	1	0.00044	0.0019	1C17033	EPA 8081B	03/21/11 13:00	MSZ	
Endrin aldehyde [7421-93-4] ^	0.00039	U	mg/kg dry	1	0.00039	0.0019	1C17033	EPA 8081B	03/21/11 13:00	MSZ	
Endrin ketone [53494-70-5] ^	0.00034	U	mg/kg dry	1	0.00034	0.0019	1C17033	EPA 8081B	03/21/11 13:00	MSZ	
gamma-BHC [58-89-9] ^	0.00048	U	mg/kg dry	1	0.00048	0.0019	1C17033	EPA 8081B	03/21/11 13:00	MSZ	
Heptachlor [76-44-8] ^	0.00052	U	mg/kg dry	1	0.00052	0.0019	1C17033	EPA 8081B	03/21/11 13:00	MSZ	
Heptachlor epoxide [1024-57-3] ^	0.00049	U	mg/kg dry	1	0.00049	0.0019	1C17033	EPA 8081B	03/21/11 13:00	MSZ	
Isodrin [465-73-6] ^	0.00041	U	mg/kg dry	1	0.00041	0.0019	1C17033	EPA 8081B	03/21/11 13:00	MSZ	
Methoxychlor [72-43-5] ^	0.00048	U	mg/kg dry	1	0.00048	0.0019	1C17033	EPA 8081B	03/21/11 13:00	MSZ	
Mirex [2385-85-5] ^	0.00064	U	mg/kg dry	1	0.00064	0.0019	1C17033	EPA 8081B	03/21/11 13:00	MSZ	
Toxaphene [8001-35-2] ^	0.011	U	mg/kg dry	1	0.011	0.019	1C17033	EPA 8081B	03/21/11 13:00	MSZ	

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Description: SP-24 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-07
Sampled: 03/07/11 16:30
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 88.1

Polychlorinated Biphenyls by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
PCB-1016/1242 [12674-11-2/53469-21-9] ^	0.0086	U	mg/kg dry	1	0.0086	0.019	1C17034	EPA 8082A	03/21/11 13:00	MSZ	
PCB-1221 [11104-28-2] ^	0.0059	U	mg/kg dry	1	0.0059	0.019	1C17034	EPA 8082A	03/21/11 13:00	MSZ	
PCB-1232 [11141-16-5] ^	0.0059	U	mg/kg dry	1	0.0059	0.019	1C17034	EPA 8082A	03/21/11 13:00	MSZ	
PCB-1248 [12672-29-6] ^	0.0059	U	mg/kg dry	1	0.0059	0.019	1C17034	EPA 8082A	03/21/11 13:00	MSZ	
PCB-1254 [11097-69-1] ^	0.0059	U	mg/kg dry	1	0.0059	0.019	1C17034	EPA 8082A	03/21/11 13:00	MSZ	
PCB-1260 [11096-82-5] ^	0.0047	U	mg/kg dry	1	0.0047	0.019	1C17034	EPA 8082A	03/21/11 13:00	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,5,6-TCMX	*0.042*	*1*	*0.0378*	*110 %*	*44-168*	*1C17034*	*EPA 8082A*	*03/21/11 13:00*	*MSZ*	
Decachlorobiphenyl	*0.038*	*1*	*0.0378*	*100 %*	*51-154*	*1C17034*	*EPA 8082A*	*03/21/11 13:00*	*MSZ*	

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Description: SP-24 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-07
Sampled: 03/07/11 16:30
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 88.1

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	**4.89**	B	mg/kg dry	1	0.114	0.568	1C09009	EPA 6010C	03/10/11 11:58	JDH	QB-01
Lead [7439-92-1] ^	**3.21**		mg/kg dry	1	0.136	0.568	1C09009	EPA 6010C	03/10/11 11:58	JDH	

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Description:	SP-24 SSW	**Lab Sample ID:**	C102268-07	**Received:**	03/08/11 13:00
Matrix:	Soil	**Sampled:**	03/07/11 16:30	**Work Order:**	C102268
Project:	Point Harbour Site	**Sampled By:**	Michael Sabodish	**% Solids:**	88.1

Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM) [C-0007] ^	56.8	U	mg/kg dry	1	56.8	56.8	1C17007	EPA 9071B	03/22/11 11:48	MJF	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SP-24 ESW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-08
Sampled: 03/07/11 16:30
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 88.3

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00020	U	mg/kg dry	1	0.00020	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00023	U	mg/kg dry	1	0.00023	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00025	U	mg/kg dry	1	0.00025	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00029	U	mg/kg dry	1	0.00029	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00031	U	mg/kg dry	1	0.00031	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00021	U	mg/kg dry	1	0.00021	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00033	U	mg/kg dry	1	0.00033	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00027	U	mg/kg dry	1	0.00027	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00078	U	mg/kg dry	1	0.00078	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00045	U	mg/kg dry	1	0.00045	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00027	U	mg/kg dry	1	0.00027	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00037	U	mg/kg dry	1	0.00037	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00026	U	mg/kg dry	1	0.00026	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00020	U	mg/kg dry	1	0.00020	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00022	U	mg/kg dry	1	0.00022	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00028	U	mg/kg dry	1	0.00028	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00020	U	mg/kg dry	1	0.00020	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00023	U	mg/kg dry	1	0.00023	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
2-Butanone [78-93-3] ^	**0.0028**	J	mg/kg dry	1	0.00077	0.0049	1C14027	EPA 8260B	03/15/11 01:42	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00048	U	mg/kg dry	1	0.00048	0.0049	1C14027	EPA 8260B	03/15/11 01:42	JKG	
2-Chlorotoluene [95-49-8] ^	0.00018	U	mg/kg dry	1	0.00018	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
2-Hexanone [591-78-6] ^	0.00074	U	mg/kg dry	1	0.00074	0.0049	1C14027	EPA 8260B	03/15/11 01:42	JKG	
4-Chlorotoluene [106-43-4] ^	0.00026	U	mg/kg dry	1	0.00026	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00056	U	mg/kg dry	1	0.00056	0.0049	1C14027	EPA 8260B	03/15/11 01:42	JKG	
Acetone [67-64-1] ^	**0.032**		mg/kg dry	1	0.0012	0.0049	1C14027	EPA 8260B	03/15/11 01:42	JKG	
Benzene [71-43-2] ^	0.00017	U	mg/kg dry	1	0.00017	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
Bromobenzene [108-86-1] ^	0.00022	U	mg/kg dry	1	0.00022	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
Bromochloromethane [74-97-5] ^	0.00040	U	mg/kg dry	1	0.00040	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
Bromodichloromethane [75-27-4] ^	0.00024	U	mg/kg dry	1	0.00024	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
Bromoform [75-25-2] ^	0.00044	U	mg/kg dry	1	0.00044	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
Bromomethane [74-83-9] ^	0.00023	U	mg/kg dry	1	0.00023	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
Carbon disulfide [75-15-0] ^	**0.00074**	J	mg/kg dry	1	0.00038	0.0049	1C14027	EPA 8260B	03/15/11 01:42	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00022	U	mg/kg dry	1	0.00022	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
Chlorobenzene [108-90-7] ^	0.00017	U	mg/kg dry	1	0.00017	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
Chloroethane [75-00-3] ^	0.00025	U	mg/kg dry	1	0.00025	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
Chloroform [67-66-3] ^	0.00017	U	mg/kg dry	1	0.00017	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
Chloromethane [74-87-3] ^	0.00015	U	mg/kg dry	1	0.00015	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00023	U	mg/kg dry	1	0.00023	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00013	U	mg/kg dry	1	0.00013	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
Dibromochloromethane [124-48-1] ^	0.00034	U	mg/kg dry	1	0.00034	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
Dibromomethane [74-95-3] ^	0.00030	U	mg/kg dry	1	0.00030	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00044	U	mg/kg dry	1	0.00044	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
Ethylbenzene [100-41-4] ^	0.00020	U	mg/kg dry	1	0.00020	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00034	U	mg/kg dry	1	0.00034	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
Isopropylbenzene [98-82-8] ^	0.00015	U	mg/kg dry	1	0.00015	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00036	U	mg/kg dry	1	0.00036	0.0020	1C14027	EPA 8260B	03/15/11 01:42	JKG	
Methylene Chloride [75-09-2] ^	**0.0012**	J	mg/kg dry	1	0.00055	0.0020	1C14027	EPA 8260B	03/15/11 01:42	JKG	

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Description: SP-24 ESW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-08
Sampled: 03/07/11 16:30
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 88.3

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00029	U	mg/kg dry	1	0.00029	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
Naphthalene [91-20-3] ^	0.00024	U	mg/kg dry	1	0.00024	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
n-Butyl Benzene [104-51-8] ^	0.00022	U	mg/kg dry	1	0.00022	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
n-Propyl Benzene [103-65-1] ^	0.00018	U	mg/kg dry	1	0.00018	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
o-Xylene [95-47-6] ^	0.00022	U	mg/kg dry	1	0.00022	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
sec-Butylbenzene [135-98-8] ^	0.00022	U	mg/kg dry	1	0.00022	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
Styrene [100-42-5] ^	0.00017	U	mg/kg dry	1	0.00017	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
tert-Butylbenzene [98-06-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
Tetrachloroethene [127-18-4] ^	0.00028	U	mg/kg dry	1	0.00028	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
Toluene [108-88-3] ^	0.00020	U	mg/kg dry	1	0.00020	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00036	U	mg/kg dry	1	0.00036	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00038	U	mg/kg dry	1	0.00038	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
Trichloroethene [79-01-6] ^	0.00027	U	mg/kg dry	1	0.00027	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00026	U	mg/kg dry	1	0.00026	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
Vinyl chloride [75-01-4] ^	0.00024	U	mg/kg dry	1	0.00024	0.00098	1C14027	EPA 8260B	03/15/11 01:42	JKG	
Xylenes (Total) [1330-20-7] ^	0.00055	U	mg/kg dry	1	0.00055	0.0029	1C14027	EPA 8260B	03/15/11 01:42	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*47*	*1*	*50.0*	*94 %*	*61-118*	*1C14027*	*EPA 8260B*	*03/15/11 01:42*	*JKG*	
Dibromofluoromethane	*45*	*1*	*50.0*	*91 %*	*66-114*	*1C14027*	*EPA 8260B*	*03/15/11 01:42*	*JKG*	
Toluene-d8	*47*	*1*	*50.0*	*94 %*	*63-118*	*1C14027*	*EPA 8260B*	*03/15/11 01:42*	*JKG*	

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Description: SP-24 ESW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-08
Sampled: 03/07/11 16:30
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 88.3

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	0.029	U	mg/kg dry	1	0.029	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
1,2-Dichlorobenzene [95-50-1] ^	0.026	U	mg/kg dry	1	0.026	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
1,3-Dichlorobenzene [541-73-1] ^	0.023	U	mg/kg dry	1	0.023	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
1,4-Dichlorobenzene [106-46-7] ^	0.024	U	mg/kg dry	1	0.024	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
1-Methylnaphthalene [90-12-0] ^	0.031	U	mg/kg dry	1	0.031	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
2,4,5-Trichlorophenol [95-95-4] ^	0.031	U	mg/kg dry	1	0.031	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	0.031	U	mg/kg dry	1	0.031	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
2,4-Dichlorophenol [120-83-2] ^	0.027	U	mg/kg dry	1	0.027	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
2,4-Dimethylphenol [105-67-9] ^	0.049	U	mg/kg dry	1	0.049	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
2,4-Dinitrophenol [51-28-5] ^	0.049	U	mg/kg dry	1	0.049	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
2,4-Dinitrotoluene [121-14-2] ^	0.032	U	mg/kg dry	1	0.032	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
2,6-Dinitrotoluene [606-20-2] ^	0.035	U	mg/kg dry	1	0.035	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
2-Chloronaphthalene [91-58-7] ^	0.032	U	mg/kg dry	1	0.032	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
2-Chlorophenol [95-57-8] ^	0.028	U	mg/kg dry	1	0.028	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	0.037	U	mg/kg dry	1	0.037	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
2-Methylnaphthalene [91-57-6] ^	0.032	U	mg/kg dry	1	0.032	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
2-Methylphenol [95-48-7] ^	0.028	U	mg/kg dry	1	0.028	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
2-Nitroaniline [88-74-4] ^	0.034	U	mg/kg dry	1	0.034	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
2-Nitrophenol [88-75-5] ^	0.035	U	mg/kg dry	1	0.035	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.029	U	mg/kg dry	1	0.029	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	0.11	U	mg/kg dry	1	0.11	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
3-Nitroaniline [99-09-2] ^	0.041	U	mg/kg dry	1	0.041	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	0.031	U	mg/kg dry	1	0.031	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	0.037	U	mg/kg dry	1	0.037	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
4-Chloroaniline [106-47-8] ^	0.11	U	mg/kg dry	1	0.11	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	0.029	U	mg/kg dry	1	0.029	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
4-Nitroaniline [100-01-6] ^	0.060	U	mg/kg dry	1	0.060	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
4-Nitrophenol [100-02-7]	0.035	U	mg/kg dry	1	0.035	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
Acenaphthene [83-32-9] ^	0.032	U	mg/kg dry	1	0.032	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
Acenaphthylene [208-96-8] ^	0.032	U	mg/kg dry	1	0.032	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
Anthracene [120-12-7] ^	0.043	U	mg/kg dry	1	0.043	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
Benzidine [92-87-5] ^	0.12	U	mg/kg dry	1	0.12	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
Benzo(a)anthracene [56-55-3] ^	0.032	U	mg/kg dry	1	0.032	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
Benzo(a)pyrene [50-32-8] ^	0.037	U	mg/kg dry	1	0.037	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
Benzo(b)fluoranthene [205-99-2] ^	0.020	U	mg/kg dry	1	0.020	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	0.053	U	mg/kg dry	1	0.053	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.037	U	mg/kg dry	1	0.037	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
Benzoic acid [65-85-0] ^	0.17	U	mg/kg dry	1	0.17	1.9	1C18001	EPA 8270D	03/21/11 21:12	DFM	
Benzyl alcohol [100-51-6] ^	0.026	U	mg/kg dry	1	0.026	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	0.028	U	mg/kg dry	1	0.028	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	0.049	U	mg/kg dry	1	0.049	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] ^	0.027	U	mg/kg dry	1	0.027	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	0.040	U	mg/kg dry	1	0.040	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	QV-01
Butylbenzylphthalate [85-68-7] ^	0.045	U	mg/kg dry	1	0.045	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
Chrysene [218-01-9] ^	0.034	U	mg/kg dry	1	0.034	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.058	U	mg/kg dry	1	0.058	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
Dibenzofuran [132-64-9] ^	0.031	U	mg/kg dry	1	0.031	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
Diethylphthalate [84-66-2] ^	0.032	U	mg/kg dry	1	0.032	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
Dimethylphthalate [131-11-3] ^	0.037	U	mg/kg dry	1	0.037	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
Di-n-butylphthalate [84-74-2] ^	0.046	U	mg/kg dry	1	0.046	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
Di-n-octylphthalate [117-84-0] ^	0.037	U	mg/kg dry	1	0.037	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	

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Description: SP-24 ESW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-08
Sampled: 03/07/11 16:30
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 88.3

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	0.041	U	mg/kg dry	1	0.041	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
Fluorene [86-73-7] ^	0.033	U	mg/kg dry	1	0.033	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
Hexachlorobenzene [118-74-1] ^	0.029	U	mg/kg dry	1	0.029	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
Hexachlorobutadiene [87-68-3] ^	0.029	U	mg/kg dry	1	0.029	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	0.044	U	mg/kg dry	1	0.044	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
Hexachloroethane [67-72-1] ^	0.024	U	mg/kg dry	1	0.024	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.053	U	mg/kg dry	1	0.053	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
Isophorone [78-59-1] ^	0.034	U	mg/kg dry	1	0.034	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
Naphthalene [91-20-3] ^	0.032	U	mg/kg dry	1	0.032	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
Nitrobenzene [98-95-3] ^	0.029	U	mg/kg dry	1	0.029	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
N-Nitrosodimethylamine [62-75-9] ^	0.024	U	mg/kg dry	1	0.024	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	0.092	U	mg/kg dry	1	0.092	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	0.061	U	mg/kg dry	1	0.061	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
Pentachlorophenol [87-86-5]	0.037	U	mg/kg dry	1	0.037	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	QV-01
Phenanthrene [85-01-8] ^	0.031	U	mg/kg dry	1	0.031	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
Phenol [108-95-2] ^	0.025	U	mg/kg dry	1	0.025	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
Pyrene [129-00-0] ^	0.043	U	mg/kg dry	1	0.043	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	
Pyridine [110-86-1] ^	0.093	U	mg/kg dry	1	0.093	0.37	1C18001	EPA 8270D	03/21/11 21:12	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*3.6*	*1*	*3.77*	*95 %*	*28-130*	*1C18001*	*EPA 8270D*	*03/21/11 21:12*	*DFM*	
2-Fluorobiphenyl	*1.6*	*1*	*1.89*	*86 %*	*56-120*	*1C18001*	*EPA 8270D*	*03/21/11 21:12*	*DFM*	
2-Fluorophenol	*2.5*	*1*	*3.77*	*66 %*	*49-126*	*1C18001*	*EPA 8270D*	*03/21/11 21:12*	*DFM*	
Nitrobenzene-d5	*1.4*	*1*	*1.89*	*74 %*	*50-117*	*1C18001*	*EPA 8270D*	*03/21/11 21:12*	*DFM*	
Phenol-d5	*2.9*	*1*	*3.77*	*76 %*	*56-120*	*1C18001*	*EPA 8270D*	*03/21/11 21:12*	*DFM*	
Terphenyl-d14	*1.8*	*1*	*1.89*	*93 %*	*36-151*	*1C18001*	*EPA 8270D*	*03/21/11 21:12*	*DFM*	

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Organochlorine Pesticides by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8] ^	0.00036	U	mg/kg dry	1	0.00036	0.0019	1C17033	EPA 8081B	03/21/11 13:13	MSZ	
4,4'-DDE [72-55-9] ^	0.00046	U	mg/kg dry	1	0.00046	0.0019	1C17033	EPA 8081B	03/21/11 13:13	MSZ	
4,4'-DDT [50-29-3] ^	0.00059	U	mg/kg dry	1	0.00059	0.0019	1C17033	EPA 8081B	03/21/11 13:13	MSZ	
Aldrin [309-00-2] ^	0.00041	U	mg/kg dry	1	0.00041	0.0019	1C17033	EPA 8081B	03/21/11 13:13	MSZ	
alpha-BHC [319-84-6] ^	0.00055	U	mg/kg dry	1	0.00055	0.0019	1C17033	EPA 8081B	03/21/11 13:13	MSZ	
beta-BHC [319-85-7] ^	0.00080	U	mg/kg dry	1	0.00080	0.0019	1C17033	EPA 8081B	03/21/11 13:13	MSZ	
Chlordane (tech) [12789-03-6] ^	0.0013	U	mg/kg dry	1	0.0013	0.037	1C17033	EPA 8081B	03/21/11 13:13	MSZ	
Chlordane-alpha [5103-71-9] ^	0.00052	U	mg/kg dry	1	0.00052	0.0019	1C17033	EPA 8081B	03/21/11 13:13	MSZ	
Chlordane-gamma [5566-34-7] ^	0.00068	U	mg/kg dry	1	0.00068	0.0019	1C17033	EPA 8081B	03/21/11 13:13	MSZ	
delta-BHC [319-86-8] ^	0.00034	U	mg/kg dry	1	0.00034	0.0019	1C17033	EPA 8081B	03/21/11 13:13	MSZ	
Dieldrin [60-57-1] ^	0.00036	U	mg/kg dry	1	0.00036	0.0019	1C17033	EPA 8081B	03/21/11 13:13	MSZ	
Endosulfan I [959-98-8] ^	0.00046	U	mg/kg dry	1	0.00046	0.0019	1C17033	EPA 8081B	03/21/11 13:13	MSZ	
Endosulfan II [33213-65-9] ^	0.00044	U	mg/kg dry	1	0.00044	0.0019	1C17033	EPA 8081B	03/21/11 13:13	MSZ	
Endosulfan sulfate [1031-07-8] ^	0.00054	U	mg/kg dry	1	0.00054	0.0019	1C17033	EPA 8081B	03/21/11 13:13	MSZ	
Endrin [72-20-8] ^	0.00044	U	mg/kg dry	1	0.00044	0.0019	1C17033	EPA 8081B	03/21/11 13:13	MSZ	
Endrin aldehyde [7421-93-4] ^	0.00038	U	mg/kg dry	1	0.00038	0.0019	1C17033	EPA 8081B	03/21/11 13:13	MSZ	
Endrin ketone [53494-70-5] ^	0.00034	U	mg/kg dry	1	0.00034	0.0019	1C17033	EPA 8081B	03/21/11 13:13	MSZ	
gamma-BHC [58-89-9] ^	0.00048	U	mg/kg dry	1	0.00048	0.0019	1C17033	EPA 8081B	03/21/11 13:13	MSZ	
Heptachlor [76-44-8] ^	0.00052	U	mg/kg dry	1	0.00052	0.0019	1C17033	EPA 8081B	03/21/11 13:13	MSZ	
Heptachlor epoxide [1024-57-3] ^	0.00049	U	mg/kg dry	1	0.00049	0.0019	1C17033	EPA 8081B	03/21/11 13:13	MSZ	
Isodrin [465-73-6] ^	0.00041	U	mg/kg dry	1	0.00041	0.0019	1C17033	EPA 8081B	03/21/11 13:13	MSZ	
Methoxychlor [72-43-5] ^	0.00048	U	mg/kg dry	1	0.00048	0.0019	1C17033	EPA 8081B	03/21/11 13:13	MSZ	
Mirex [2385-85-5] ^	0.00063	U	mg/kg dry	1	0.00063	0.0019	1C17033	EPA 8081B	03/21/11 13:13	MSZ	
Toxaphene [8001-35-2] ^	0.011	U	mg/kg dry	1	0.011	0.019	1C17033	EPA 8081B	03/21/11 13:13	MSZ	

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Description: SP-24 ESW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-08
Sampled: 03/07/11 16:30
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 88.3

Polychlorinated Biphenyls by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
PCB-1016/1242 [12674-11-2/53469-21-9] ^	0.0086	U	mg/kg dry	1	0.0086	0.019	1C17034	EPA 8082A	03/21/11 13:13	MSZ	
PCB-1221 [11104-28-2] ^	0.0059	U	mg/kg dry	1	0.0059	0.019	1C17034	EPA 8082A	03/21/11 13:13	MSZ	
PCB-1232 [11141-16-5] ^	0.0059	U	mg/kg dry	1	0.0059	0.019	1C17034	EPA 8082A	03/21/11 13:13	MSZ	
PCB-1248 [12672-29-6] ^	0.0059	U	mg/kg dry	1	0.0059	0.019	1C17034	EPA 8082A	03/21/11 13:13	MSZ	
PCB-1254 [11097-69-1] ^	0.0059	U	mg/kg dry	1	0.0059	0.019	1C17034	EPA 8082A	03/21/11 13:13	MSZ	
PCB-1260 [11096-82-5] ^	0.0046	U	mg/kg dry	1	0.0046	0.019	1C17034	EPA 8082A	03/21/11 13:13	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,5,6-TCMX	*0.045*	*1*	*0.0377*	*120 %*	*44-168*	*1C17034*	*EPA 8082A*	*03/21/11 13:13*	*MSZ*	
Decachlorobiphenyl	*0.042*	*1*	*0.0377*	*110 %*	*51-154*	*1C17034*	*EPA 8082A*	*03/21/11 13:13*	*MSZ*	

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Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-08
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Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 88.3

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	**5.18**	B	mg/kg dry	1	0.113	0.566	1C09009	EPA 6010C	03/10/11 12:00	JDH	QB-01
Lead [7439-92-1] ^	**3.39**		mg/kg dry	1	0.136	0.566	1C09009	EPA 6010C	03/10/11 12:00	JDH	

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Description: SP-24 ESW	**Lab Sample ID:** C102268-08	**Received:** 03/08/11 13:00
Matrix: Soil	**Sampled:** 03/07/11 16:30	**Work Order:** C102268
Project: Point Harbour Site	**Sampled By:** Michael Sabodish	**% Solids:** 88.3

Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM) [C-0007] ^	56.6	U	mg/kg dry	1	56.6	56.6	1C17007	EPA 9071B	03/22/11 11:48	MJF	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SP-24 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-09
Sampled: 03/07/11 16:30
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 85.9

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00020	U	mg/kg dry	1	0.00020	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00023	U	mg/kg dry	1	0.00023	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00025	U	mg/kg dry	1	0.00025	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00029	U	mg/kg dry	1	0.00029	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00031	U	mg/kg dry	1	0.00031	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00021	U	mg/kg dry	1	0.00021	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00033	U	mg/kg dry	1	0.00033	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00026	U	mg/kg dry	1	0.00026	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00078	U	mg/kg dry	1	0.00078	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00045	U	mg/kg dry	1	0.00045	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00026	U	mg/kg dry	1	0.00026	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00037	U	mg/kg dry	1	0.00037	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00026	U	mg/kg dry	1	0.00026	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00020	U	mg/kg dry	1	0.00020	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00022	U	mg/kg dry	1	0.00022	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00028	U	mg/kg dry	1	0.00028	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00020	U	mg/kg dry	1	0.00020	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00023	U	mg/kg dry	1	0.00023	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
2-Butanone [78-93-3] ^	**0.0042**	J	mg/kg dry	1	0.00077	0.0049	1C14027	EPA 8260B	03/15/11 02:10	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00048	U	mg/kg dry	1	0.00048	0.0049	1C14027	EPA 8260B	03/15/11 02:10	JKG	
2-Chlorotoluene [95-49-8] ^	0.00018	U	mg/kg dry	1	0.00018	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
2-Hexanone [591-78-6] ^	0.00074	U	mg/kg dry	1	0.00074	0.0049	1C14027	EPA 8260B	03/15/11 02:10	JKG	
4-Chlorotoluene [106-43-4] ^	0.00026	U	mg/kg dry	1	0.00026	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00056	U	mg/kg dry	1	0.00056	0.0049	1C14027	EPA 8260B	03/15/11 02:10	JKG	
Acetone [67-64-1] ^	**0.035**		mg/kg dry	1	0.0012	0.0049	1C14027	EPA 8260B	03/15/11 02:10	JKG	
Benzene [71-43-2] ^	0.00017	U	mg/kg dry	1	0.00017	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
Bromobenzene [108-86-1] ^	0.00022	U	mg/kg dry	1	0.00022	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
Bromochloromethane [74-97-5] ^	0.00040	U	mg/kg dry	1	0.00040	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
Bromodichloromethane [75-27-4] ^	0.00024	U	mg/kg dry	1	0.00024	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
Bromoform [75-25-2] ^	0.00044	U	mg/kg dry	1	0.00044	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
Bromomethane [74-83-9] ^	0.00023	U	mg/kg dry	1	0.00023	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
Carbon disulfide [75-15-0] ^	**0.0014**	J	mg/kg dry	1	0.00038	0.0049	1C14027	EPA 8260B	03/15/11 02:10	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00022	U	mg/kg dry	1	0.00022	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
Chlorobenzene [108-90-7] ^	0.00017	U	mg/kg dry	1	0.00017	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
Chloroethane [75-00-3] ^	0.00025	U	mg/kg dry	1	0.00025	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
Chloroform [67-66-3] ^	0.00017	U	mg/kg dry	1	0.00017	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
Chloromethane [74-87-3] ^	0.00015	U	mg/kg dry	1	0.00015	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00023	U	mg/kg dry	1	0.00023	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00013	U	mg/kg dry	1	0.00013	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
Dibromochloromethane [124-48-1] ^	0.00034	U	mg/kg dry	1	0.00034	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
Dibromomethane [74-95-3] ^	0.00030	U	mg/kg dry	1	0.00030	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00044	U	mg/kg dry	1	0.00044	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
Ethylbenzene [100-41-4] ^	0.00020	U	mg/kg dry	1	0.00020	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00034	U	mg/kg dry	1	0.00034	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
Isopropylbenzene [98-82-8] ^	0.00015	U	mg/kg dry	1	0.00015	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00036	U	mg/kg dry	1	0.00036	0.0020	1C14027	EPA 8260B	03/15/11 02:10	JKG	
Methylene Chloride [75-09-2] ^	**0.0011**	J	mg/kg dry	1	0.00055	0.0020	1C14027	EPA 8260B	03/15/11 02:10	JKG	

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Description: SP-24 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-09
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Received: 03/08/11 13:00
Work Order: C102268
% Solids: 85.9

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00029	U	mg/kg dry	1	0.00029	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
Naphthalene [91-20-3] ^	0.00024	U	mg/kg dry	1	0.00024	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
n-Butyl Benzene [104-51-8] ^	0.00022	U	mg/kg dry	1	0.00022	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
n-Propyl Benzene [103-65-1] ^	0.00018	U	mg/kg dry	1	0.00018	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
o-Xylene [95-47-6] ^	0.00022	U	mg/kg dry	1	0.00022	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
sec-Butylbenzene [135-98-8] ^	0.00022	U	mg/kg dry	1	0.00022	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
Styrene [100-42-5] ^	0.00017	U	mg/kg dry	1	0.00017	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
tert-Butylbenzene [98-06-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
Tetrachloroethene [127-18-4] ^	0.00027	U	mg/kg dry	1	0.00027	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
Toluene [108-88-3] ^	0.00020	U	mg/kg dry	1	0.00020	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00036	U	mg/kg dry	1	0.00036	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00038	U	mg/kg dry	1	0.00038	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
Trichloroethene [79-01-6] ^	0.00026	U	mg/kg dry	1	0.00026	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00026	U	mg/kg dry	1	0.00026	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
Vinyl chloride [75-01-4] ^	0.00024	U	mg/kg dry	1	0.00024	0.00098	1C14027	EPA 8260B	03/15/11 02:10	JKG	
Xylenes (Total) [1330-20-7] ^	0.00055	U	mg/kg dry	1	0.00055	0.0029	1C14027	EPA 8260B	03/15/11 02:10	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*46*	*1*	*50.0*	*91 %*	*61-118*	*1C14027*	*EPA 8260B*	*03/15/11 02:10*	*JKG*	
Dibromofluoromethane	*45*	*1*	*50.0*	*90 %*	*66-114*	*1C14027*	*EPA 8260B*	*03/15/11 02:10*	*JKG*	
Toluene-d8	*48*	*1*	*50.0*	*96 %*	*63-118*	*1C14027*	*EPA 8260B*	*03/15/11 02:10*	*JKG*	

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Description: SP-24 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-09
Sampled: 03/07/11 16:30
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 85.9

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
1,2-Dichlorobenzene [95-50-1] ^	0.027	U	mg/kg dry	1	0.027	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
1,3-Dichlorobenzene [541-73-1] ^	0.023	U	mg/kg dry	1	0.023	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
1,4-Dichlorobenzene [106-46-7] ^	0.024	U	mg/kg dry	1	0.024	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
1-Methylnaphthalene [90-12-0] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
2,4,5-Trichlorophenol [95-95-4] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
2,4-Dichlorophenol [120-83-2] ^	0.028	U	mg/kg dry	1	0.028	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
2,4-Dimethylphenol [105-67-9] ^	0.050	U	mg/kg dry	1	0.050	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
2,4-Dinitrophenol [51-28-5] ^	0.050	U	mg/kg dry	1	0.050	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
2,4-Dinitrotoluene [121-14-2] ^	0.033	U	mg/kg dry	1	0.033	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
2,6-Dinitrotoluene [606-20-2] ^	0.036	U	mg/kg dry	1	0.036	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
2-Chloronaphthalene [91-58-7] ^	0.033	U	mg/kg dry	1	0.033	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
2-Chlorophenol [95-57-8] ^	0.029	U	mg/kg dry	1	0.029	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
2-Methylnaphthalene [91-57-6] ^	0.033	U	mg/kg dry	1	0.033	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
2-Methylphenol [95-48-7] ^	0.029	U	mg/kg dry	1	0.029	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
2-Nitroaniline [88-74-4] ^	0.035	U	mg/kg dry	1	0.035	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
2-Nitrophenol [88-75-5] ^	0.036	U	mg/kg dry	1	0.036	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	0.11	U	mg/kg dry	1	0.11	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
3-Nitroaniline [99-09-2] ^	0.042	U	mg/kg dry	1	0.042	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
4-Chloroaniline [106-47-8] ^	0.11	U	mg/kg dry	1	0.11	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
4-Nitroaniline [100-01-6] ^	0.062	U	mg/kg dry	1	0.062	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
4-Nitrophenol [100-02-7]	0.036	U	mg/kg dry	1	0.036	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
Acenaphthene [83-32-9] ^	0.033	U	mg/kg dry	1	0.033	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
Acenaphthylene [208-96-8] ^	0.033	U	mg/kg dry	1	0.033	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
Anthracene [120-12-7] ^	0.044	U	mg/kg dry	1	0.044	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
Benzidine [92-87-5] ^	0.13	U	mg/kg dry	1	0.13	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
Benzo(a)anthracene [56-55-3] ^	**0.042**	J	mg/kg dry	1	0.033	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
Benzo(a)pyrene [50-32-8] ^	**0.043**	J	mg/kg dry	1	0.038	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
Benzo(b)fluoranthene [205-99-2] ^	**0.069**	J	mg/kg dry	1	0.021	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	0.055	U	mg/kg dry	1	0.055	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
Benzoic acid [65-85-0] ^	0.17	U	mg/kg dry	1	0.17	2.0	1C18001	EPA 8270D	03/21/11 21:38	DFM	
Benzyl alcohol [100-51-6] ^	0.027	U	mg/kg dry	1	0.027	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	0.029	U	mg/kg dry	1	0.029	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	0.050	U	mg/kg dry	1	0.050	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] ^	0.028	U	mg/kg dry	1	0.028	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	0.041	U	mg/kg dry	1	0.041	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	QV-01
Butylbenzylphthalate [85-68-7] ^	0.047	U	mg/kg dry	1	0.047	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
Chrysene [218-01-9] ^	**0.046**	J	mg/kg dry	1	0.035	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.059	U	mg/kg dry	1	0.059	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
Dibenzofuran [132-64-9] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
Diethylphthalate [84-66-2] ^	0.033	U	mg/kg dry	1	0.033	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
Dimethylphthalate [131-11-3] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
Di-n-butylphthalate [84-74-2] ^	0.048	U	mg/kg dry	1	0.048	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
Di-n-octylphthalate [117-84-0] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	

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Description: SP-24 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-09
Sampled: 03/07/11 16:30
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 85.9

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	**0.069**	J	mg/kg dry	1	0.042	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
Fluorene [86-73-7] ^	0.034	U	mg/kg dry	1	0.034	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
Hexachlorobenzene [118-74-1] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
Hexachlorobutadiene [87-68-3] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	0.045	U	mg/kg dry	1	0.045	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
Hexachloroethane [67-72-1] ^	0.024	U	mg/kg dry	1	0.024	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.055	U	mg/kg dry	1	0.055	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
Isophorone [78-59-1] ^	0.035	U	mg/kg dry	1	0.035	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
Naphthalene [91-20-3] ^	0.033	U	mg/kg dry	1	0.033	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
Nitrobenzene [98-95-3] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
N-Nitrosodimethylamine [62-75-9] ^	0.024	U	mg/kg dry	1	0.024	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	0.094	U	mg/kg dry	1	0.094	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	0.063	U	mg/kg dry	1	0.063	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
Pentachlorophenol [87-86-5]	0.038	U	mg/kg dry	1	0.038	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	QV-01
Phenanthrene [85-01-8] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
Phenol [108-95-2] ^	0.026	U	mg/kg dry	1	0.026	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
Pyrene [129-00-0] ^	**0.059**	J	mg/kg dry	1	0.044	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	
Pyridine [110-86-1] ^	0.095	U	mg/kg dry	1	0.095	0.38	1C18001	EPA 8270D	03/21/11 21:38	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*3.7*	*1*	*3.88*	*95 %*	*28-130*	*1C18001*	*EPA 8270D*	*03/21/11 21:38*	*DFM*	
2-Fluorobiphenyl	*1.7*	*1*	*1.94*	*87 %*	*56-120*	*1C18001*	*EPA 8270D*	*03/21/11 21:38*	*DFM*	
2-Fluorophenol	*2.4*	*1*	*3.88*	*62 %*	*49-126*	*1C18001*	*EPA 8270D*	*03/21/11 21:38*	*DFM*	
Nitrobenzene-d5	*1.4*	*1*	*1.94*	*72 %*	*50-117*	*1C18001*	*EPA 8270D*	*03/21/11 21:38*	*DFM*	
Phenol-d5	*2.9*	*1*	*3.88*	*75 %*	*56-120*	*1C18001*	*EPA 8270D*	*03/21/11 21:38*	*DFM*	
Terphenyl-d14	*1.6*	*1*	*1.94*	*81 %*	*36-151*	*1C18001*	*EPA 8270D*	*03/21/11 21:38*	*DFM*	

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Description: SP-24 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-09
Sampled: 03/07/11 16:30
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 85.9

Organochlorine Pesticides by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8] ^	0.00037	U	mg/kg dry	1	0.00037	0.0020	1C17033	EPA 8081B	03/21/11 13:26	MSZ	
4,4'-DDE [72-55-9] ^	0.00048	U	mg/kg dry	1	0.00048	0.0020	1C17033	EPA 8081B	03/21/11 13:26	MSZ	
4,4'-DDT [50-29-3] ^	0.00061	U	mg/kg dry	1	0.00061	0.0020	1C17033	EPA 8081B	03/21/11 13:26	MSZ	
Aldrin [309-00-2] ^	0.00042	U	mg/kg dry	1	0.00042	0.0020	1C17033	EPA 8081B	03/21/11 13:26	MSZ	
alpha-BHC [319-84-6] ^	0.00057	U	mg/kg dry	1	0.00057	0.0020	1C17033	EPA 8081B	03/21/11 13:26	MSZ	
beta-BHC [319-85-7] ^	0.00083	U	mg/kg dry	1	0.00083	0.0020	1C17033	EPA 8081B	03/21/11 13:26	MSZ	
Chlordane (tech) [12789-03-6] ^	0.0013	U	mg/kg dry	1	0.0013	0.038	1C17033	EPA 8081B	03/21/11 13:26	MSZ	
Chlordane-alpha [5103-71-9] ^	0.00054	U	mg/kg dry	1	0.00054	0.0020	1C17033	EPA 8081B	03/21/11 13:26	MSZ	
Chlordane-gamma [5566-34-7] ^	0.00070	U	mg/kg dry	1	0.00070	0.0020	1C17033	EPA 8081B	03/21/11 13:26	MSZ	
delta-BHC [319-86-8] ^	0.00035	U	mg/kg dry	1	0.00035	0.0020	1C17033	EPA 8081B	03/21/11 13:26	MSZ	
Dieldrin [60-57-1] ^	0.00037	U	mg/kg dry	1	0.00037	0.0020	1C17033	EPA 8081B	03/21/11 13:26	MSZ	
Endosulfan I [959-98-8] ^	0.00048	U	mg/kg dry	1	0.00048	0.0020	1C17033	EPA 8081B	03/21/11 13:26	MSZ	
Endosulfan II [33213-65-9] ^	0.00045	U	mg/kg dry	1	0.00045	0.0020	1C17033	EPA 8081B	03/21/11 13:26	MSZ	
Endosulfan sulfate [1031-07-8] ^	0.00056	U	mg/kg dry	1	0.00056	0.0020	1C17033	EPA 8081B	03/21/11 13:26	MSZ	
Endrin [72-20-8] ^	0.00045	U	mg/kg dry	1	0.00045	0.0020	1C17033	EPA 8081B	03/21/11 13:26	MSZ	
Endrin aldehyde [7421-93-4] ^	0.00040	U	mg/kg dry	1	0.00040	0.0020	1C17033	EPA 8081B	03/21/11 13:26	MSZ	
Endrin ketone [53494-70-5] ^	0.00035	U	mg/kg dry	1	0.00035	0.0020	1C17033	EPA 8081B	03/21/11 13:26	MSZ	
gamma-BHC [58-89-9] ^	0.00049	U	mg/kg dry	1	0.00049	0.0020	1C17033	EPA 8081B	03/21/11 13:26	MSZ	
Heptachlor [76-44-8] ^	0.00054	U	mg/kg dry	1	0.00054	0.0020	1C17033	EPA 8081B	03/21/11 13:26	MSZ	
Heptachlor epoxide [1024-57-3] ^	0.00050	U	mg/kg dry	1	0.00050	0.0020	1C17033	EPA 8081B	03/21/11 13:26	MSZ	
Isodrin [465-73-6] ^	0.00042	U	mg/kg dry	1	0.00042	0.0020	1C17033	EPA 8081B	03/21/11 13:26	MSZ	
Methoxychlor [72-43-5] ^	0.00049	U	mg/kg dry	1	0.00049	0.0020	1C17033	EPA 8081B	03/21/11 13:26	MSZ	
Mirex [2385-85-5] ^	0.00065	U	mg/kg dry	1	0.00065	0.0020	1C17033	EPA 8081B	03/21/11 13:26	MSZ	
Toxaphene [8001-35-2] ^	0.012	U	mg/kg dry	1	0.012	0.020	1C17033	EPA 8081B	03/21/11 13:26	MSZ	

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Description: SP-24 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-09
Sampled: 03/07/11 16:30
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 85.9

Polychlorinated Biphenyls by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
PCB-1016/1242 [12674-11-2/53469-21-9] ^	0.0088	U	mg/kg dry	1	0.0088	0.020	1C17034	EPA 8082A	03/21/11 13:26	MSZ	
PCB-1221 [11104-28-2] ^	0.0061	U	mg/kg dry	1	0.0061	0.020	1C17034	EPA 8082A	03/21/11 13:26	MSZ	
PCB-1232 [11141-16-5] ^	0.0061	U	mg/kg dry	1	0.0061	0.020	1C17034	EPA 8082A	03/21/11 13:26	MSZ	
PCB-1248 [12672-29-6] ^	0.0061	U	mg/kg dry	1	0.0061	0.020	1C17034	EPA 8082A	03/21/11 13:26	MSZ	
PCB-1254 [11097-69-1] ^	0.0061	U	mg/kg dry	1	0.0061	0.020	1C17034	EPA 8082A	03/21/11 13:26	MSZ	
PCB-1260 [11096-82-5] ^	0.0048	U	mg/kg dry	1	0.0048	0.020	1C17034	EPA 8082A	03/21/11 13:26	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,5,6-TCMX	*0.041*	*1*	*0.0388*	*104 %*	*44-168*	*1C17034*	*EPA 8082A*	*03/21/11 13:26*	*MSZ*	
Decachlorobiphenyl	*0.036*	*1*	*0.0388*	*92 %*	*51-154*	*1C17034*	*EPA 8082A*	*03/21/11 13:26*	*MSZ*	

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Description: SP-24 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-09
Sampled: 03/07/11 16:30
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 85.9

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	**3.79**	B	mg/kg dry	1	0.116	0.582	1C09009	EPA 6010C	03/10/11 12:02	JDH	QB-01
Lead [7439-92-1] ^	**3.62**		mg/kg dry	1	0.140	0.582	1C09009	EPA 6010C	03/10/11 12:02	JDH	

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Description: SP-24 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-09
Sampled: 03/07/11 16:30
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 85.9

Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM) [C-0007] ^	831		mg/kg dry	1	58.2	58.2	1C17007	EPA 9071B	03/22/11 14:28	MJF	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SP-24 BASE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-10
Sampled: 03/07/11 16:30
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 89.2

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00020	U	mg/kg dry	1	0.00020	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00023	U	mg/kg dry	1	0.00023	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00025	U	mg/kg dry	1	0.00025	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00030	U	mg/kg dry	1	0.00030	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00032	U	mg/kg dry	1	0.00032	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00021	U	mg/kg dry	1	0.00021	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00034	U	mg/kg dry	1	0.00034	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00027	U	mg/kg dry	1	0.00027	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00078	U	mg/kg dry	1	0.00078	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00045	U	mg/kg dry	1	0.00045	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00027	U	mg/kg dry	1	0.00027	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00038	U	mg/kg dry	1	0.00038	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00026	U	mg/kg dry	1	0.00026	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00020	U	mg/kg dry	1	0.00020	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00022	U	mg/kg dry	1	0.00022	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00029	U	mg/kg dry	1	0.00029	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00020	U	mg/kg dry	1	0.00020	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00023	U	mg/kg dry	1	0.00023	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
2-Butanone [78-93-3] ^	**0.0039**	J	mg/kg dry	1	0.00077	0.0049	1C14027	EPA 8260B	03/15/11 02:39	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00048	U	mg/kg dry	1	0.00048	0.0049	1C14027	EPA 8260B	03/15/11 02:39	JKG	
2-Chlorotoluene [95-49-8] ^	0.00018	U	mg/kg dry	1	0.00018	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
2-Hexanone [591-78-6] ^	0.00074	U	mg/kg dry	1	0.00074	0.0049	1C14027	EPA 8260B	03/15/11 02:39	JKG	
4-Chlorotoluene [106-43-4] ^	0.00026	U	mg/kg dry	1	0.00026	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00056	U	mg/kg dry	1	0.00056	0.0049	1C14027	EPA 8260B	03/15/11 02:39	JKG	
Acetone [67-64-1] ^	**0.036**		mg/kg dry	1	0.0012	0.0049	1C14027	EPA 8260B	03/15/11 02:39	JKG	
Benzene [71-43-2] ^	0.00017	U	mg/kg dry	1	0.00017	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
Bromobenzene [108-86-1] ^	0.00022	U	mg/kg dry	1	0.00022	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
Bromochloromethane [74-97-5] ^	0.00041	U	mg/kg dry	1	0.00041	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
Bromodichloromethane [75-27-4] ^	0.00024	U	mg/kg dry	1	0.00024	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
Bromoform [75-25-2] ^	0.00045	U	mg/kg dry	1	0.00045	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
Bromomethane [74-83-9] ^	0.00023	U	mg/kg dry	1	0.00023	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
Carbon disulfide [75-15-0] ^	**0.00089**	J	mg/kg dry	1	0.00039	0.0049	1C14027	EPA 8260B	03/15/11 02:39	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00022	U	mg/kg dry	1	0.00022	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
Chlorobenzene [108-90-7] ^	0.00017	U	mg/kg dry	1	0.00017	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
Chloroethane [75-00-3] ^	0.00025	U	mg/kg dry	1	0.00025	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
Chloroform [67-66-3] ^	0.00017	U	mg/kg dry	1	0.00017	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
Chloromethane [74-87-3] ^	0.00015	U	mg/kg dry	1	0.00015	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00023	U	mg/kg dry	1	0.00023	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00013	U	mg/kg dry	1	0.00013	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
Dibromochloromethane [124-48-1] ^	0.00035	U	mg/kg dry	1	0.00035	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
Dibromomethane [74-95-3] ^	0.00031	U	mg/kg dry	1	0.00031	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00045	U	mg/kg dry	1	0.00045	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
Ethylbenzene [100-41-4] ^	0.00020	U	mg/kg dry	1	0.00020	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00035	U	mg/kg dry	1	0.00035	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
Isopropylbenzene [98-82-8] ^	0.00015	U	mg/kg dry	1	0.00015	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00037	U	mg/kg dry	1	0.00037	0.0020	1C14027	EPA 8260B	03/15/11 02:39	JKG	
Methylene Chloride [75-09-2] ^	**0.0020**		mg/kg dry	1	0.00055	0.0020	1C14027	EPA 8260B	03/15/11 02:39	JKG	

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Description: SP-24 BASE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-10
Sampled: 03/07/11 16:30
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 89.2

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00030	U	mg/kg dry	1	0.00030	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
Naphthalene [91-20-3] ^	0.00024	U	mg/kg dry	1	0.00024	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
n-Butyl Benzene [104-51-8] ^	0.00022	U	mg/kg dry	1	0.00022	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
n-Propyl Benzene [103-65-1] ^	0.00018	U	mg/kg dry	1	0.00018	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
o-Xylene [95-47-6] ^	0.00022	U	mg/kg dry	1	0.00022	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
sec-Butylbenzene [135-98-8] ^	0.00022	U	mg/kg dry	1	0.00022	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
Styrene [100-42-5] ^	0.00017	U	mg/kg dry	1	0.00017	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
tert-Butylbenzene [98-06-6] ^	0.00016	U	mg/kg dry	1	0.00016	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
Tetrachloroethene [127-18-4] ^	0.00028	U	mg/kg dry	1	0.00028	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
Toluene [108-88-3] ^	0.00020	U	mg/kg dry	1	0.00020	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00037	U	mg/kg dry	1	0.00037	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00039	U	mg/kg dry	1	0.00039	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
Trichloroethene [79-01-6] ^	0.00027	U	mg/kg dry	1	0.00027	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00026	U	mg/kg dry	1	0.00026	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
Vinyl chloride [75-01-4] ^	0.00024	U	mg/kg dry	1	0.00024	0.00099	1C14027	EPA 8260B	03/15/11 02:39	JKG	
Xylenes (Total) [1330-20-7] ^	0.00055	U	mg/kg dry	1	0.00055	0.0030	1C14027	EPA 8260B	03/15/11 02:39	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*47*	*1*	*50.0*	*94 %*	*61-118*	*1C14027*	*EPA 8260B*	*03/15/11 02:39*	*JKG*	
Dibromofluoromethane	*44*	*1*	*50.0*	*89 %*	*66-114*	*1C14027*	*EPA 8260B*	*03/15/11 02:39*	*JKG*	
Toluene-d8	*48*	*1*	*50.0*	*95 %*	*63-118*	*1C14027*	*EPA 8260B*	*03/15/11 02:39*	*JKG*	

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Description: SP-24 BASE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-10
Sampled: 03/07/11 16:30
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 89.2

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	0.029	U	mg/kg dry	1	0.029	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
1,2-Dichlorobenzene [95-50-1] ^	0.026	U	mg/kg dry	1	0.026	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
1,3-Dichlorobenzene [541-73-1] ^	0.022	U	mg/kg dry	1	0.022	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
1,4-Dichlorobenzene [106-46-7] ^	0.024	U	mg/kg dry	1	0.024	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
1-Methylnaphthalene [90-12-0] ^	0.030	U	mg/kg dry	1	0.030	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
2,4,5-Trichlorophenol [95-95-4] ^	0.030	U	mg/kg dry	1	0.030	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	0.030	U	mg/kg dry	1	0.030	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
2,4-Dichlorophenol [120-83-2] ^	0.027	U	mg/kg dry	1	0.027	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
2,4-Dimethylphenol [105-67-9] ^	0.048	U	mg/kg dry	1	0.048	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
2,4-Dinitrophenol [51-28-5] ^	0.048	U	mg/kg dry	1	0.048	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
2,4-Dinitrotoluene [121-14-2] ^	0.031	U	mg/kg dry	1	0.031	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
2,6-Dinitrotoluene [606-20-2] ^	0.035	U	mg/kg dry	1	0.035	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
2-Chloronaphthalene [91-58-7] ^	0.031	U	mg/kg dry	1	0.031	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
2-Chlorophenol [95-57-8] ^	0.028	U	mg/kg dry	1	0.028	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	0.037	U	mg/kg dry	1	0.037	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
2-Methylnaphthalene [91-57-6] ^	0.031	U	mg/kg dry	1	0.031	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
2-Methylphenol [95-48-7] ^	0.028	U	mg/kg dry	1	0.028	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
2-Nitroaniline [88-74-4] ^	0.034	U	mg/kg dry	1	0.034	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
2-Nitrophenol [88-75-5] ^	0.035	U	mg/kg dry	1	0.035	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.029	U	mg/kg dry	1	0.029	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	0.11	U	mg/kg dry	1	0.11	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
3-Nitroaniline [99-09-2] ^	0.040	U	mg/kg dry	1	0.040	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	0.030	U	mg/kg dry	1	0.030	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	0.037	U	mg/kg dry	1	0.037	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
4-Chloroaniline [106-47-8] ^	0.10	U	mg/kg dry	1	0.10	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	0.029	U	mg/kg dry	1	0.029	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
4-Nitroaniline [100-01-6] ^	0.059	U	mg/kg dry	1	0.059	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
4-Nitrophenol [100-02-7]	0.035	U	mg/kg dry	1	0.035	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
Acenaphthene [83-32-9] ^	0.031	U	mg/kg dry	1	0.031	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
Acenaphthylene [208-96-8] ^	0.031	U	mg/kg dry	1	0.031	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
Anthracene [120-12-7] ^	0.043	U	mg/kg dry	1	0.043	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
Benzidine [92-87-5] ^	0.12	U	mg/kg dry	1	0.12	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
Benzo(a)anthracene [56-55-3] ^	0.031	U	mg/kg dry	1	0.031	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
Benzo(a)pyrene [50-32-8] ^	0.037	U	mg/kg dry	1	0.037	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
Benzo(b)fluoranthene [205-99-2] ^	0.020	U	mg/kg dry	1	0.020	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	0.053	U	mg/kg dry	1	0.053	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.037	U	mg/kg dry	1	0.037	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
Benzoic acid [65-85-0] ^	0.17	U	mg/kg dry	1	0.17	1.9	1C16008	EPA 8270D	03/17/11 16:15	DFM	
Benzyl alcohol [100-51-6] ^	0.026	U	mg/kg dry	1	0.026	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	0.028	U	mg/kg dry	1	0.028	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	0.048	U	mg/kg dry	1	0.048	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] ^	0.027	U	mg/kg dry	1	0.027	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	0.039	U	mg/kg dry	1	0.039	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
Butylbenzylphthalate [85-68-7] ^	0.045	U	mg/kg dry	1	0.045	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
Chrysene [218-01-9] ^	0.034	U	mg/kg dry	1	0.034	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.057	U	mg/kg dry	1	0.057	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
Dibenzofuran [132-64-9] ^	0.030	U	mg/kg dry	1	0.030	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
Diethylphthalate [84-66-2] ^	0.031	U	mg/kg dry	1	0.031	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
Dimethylphthalate [131-11-3] ^	0.037	U	mg/kg dry	1	0.037	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
Di-n-butylphthalate [84-74-2] ^	0.046	U	mg/kg dry	1	0.046	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
Di-n-octylphthalate [117-84-0] ^	0.037	U	mg/kg dry	1	0.037	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	

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Description: SP-24 BASE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-10
Sampled: 03/07/11 16:30
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 89.2

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	0.040	U	mg/kg dry	1	0.040	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
Fluorene [86-73-7] ^	0.033	U	mg/kg dry	1	0.033	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
Hexachlorobenzene [118-74-1] ^	0.029	U	mg/kg dry	1	0.029	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
Hexachlorobutadiene [87-68-3] ^	0.029	U	mg/kg dry	1	0.029	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	0.044	U	mg/kg dry	1	0.044	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
Hexachloroethane [67-72-1] ^	0.024	U	mg/kg dry	1	0.024	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.053	U	mg/kg dry	1	0.053	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
Isophorone [78-59-1] ^	0.034	U	mg/kg dry	1	0.034	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
Naphthalene [91-20-3] ^	0.031	U	mg/kg dry	1	0.031	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
Nitrobenzene [98-95-3] ^	0.029	U	mg/kg dry	1	0.029	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
N-Nitrosodimethylamine [62-75-9] ^	0.024	U	mg/kg dry	1	0.024	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	0.091	U	mg/kg dry	1	0.091	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	0.061	U	mg/kg dry	1	0.061	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
Pentachlorophenol [87-86-5]	0.037	U	mg/kg dry	1	0.037	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	QV-01
Phenanthrene [85-01-8] ^	0.030	U	mg/kg dry	1	0.030	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
Phenol [108-95-2] ^	0.025	U	mg/kg dry	1	0.025	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
Pyrene [129-00-0] ^	0.043	U	mg/kg dry	1	0.043	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	
Pyridine [110-86-1] ^	0.092	U	mg/kg dry	1	0.092	0.37	1C16008	EPA 8270D	03/17/11 16:15	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*3.5*	*1*	*3.74*	*94 %*	*28-130*	*1C16008*	*EPA 8270D*	*03/17/11 16:15*	*DFM*	
2-Fluorobiphenyl	*1.6*	*1*	*1.87*	*87 %*	*56-120*	*1C16008*	*EPA 8270D*	*03/17/11 16:15*	*DFM*	
2-Fluorophenol	*2.5*	*1*	*3.74*	*67 %*	*49-126*	*1C16008*	*EPA 8270D*	*03/17/11 16:15*	*DFM*	
Nitrobenzene-d5	*1.4*	*1*	*1.87*	*77 %*	*50-117*	*1C16008*	*EPA 8270D*	*03/17/11 16:15*	*DFM*	
Phenol-d5	*2.9*	*1*	*3.74*	*76 %*	*56-120*	*1C16008*	*EPA 8270D*	*03/17/11 16:15*	*DFM*	
Terphenyl-d14	*1.7*	*1*	*1.87*	*92 %*	*36-151*	*1C16008*	*EPA 8270D*	*03/17/11 16:15*	*DFM*	

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Description: SP-24 BASE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-10
Sampled: 03/07/11 16:30
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 89.2

Organochlorine Pesticides by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8] ^	0.00036	U	mg/kg dry	1	0.00036	0.0019	1C17033	EPA 8081B	03/21/11 13:53	MSZ	
4,4'-DDE [72-55-9] ^	0.00046	U	mg/kg dry	1	0.00046	0.0019	1C17033	EPA 8081B	03/21/11 13:53	MSZ	
4,4'-DDT [50-29-3] ^	0.00058	U	mg/kg dry	1	0.00058	0.0019	1C17033	EPA 8081B	03/21/11 13:53	MSZ	
Aldrin [309-00-2] ^	0.00040	U	mg/kg dry	1	0.00040	0.0019	1C17033	EPA 8081B	03/21/11 13:53	MSZ	
alpha-BHC [319-84-6] ^	0.00055	U	mg/kg dry	1	0.00055	0.0019	1C17033	EPA 8081B	03/21/11 13:53	MSZ	
beta-BHC [319-85-7] ^	0.00080	U	mg/kg dry	1	0.00080	0.0019	1C17033	EPA 8081B	03/21/11 13:53	MSZ	
Chlordane (tech) [12789-03-6] ^	0.0013	U	mg/kg dry	1	0.0013	0.037	1C17033	EPA 8081B	03/21/11 13:53	MSZ	
Chlordane-alpha [5103-71-9] ^	0.00052	U	mg/kg dry	1	0.00052	0.0019	1C17033	EPA 8081B	03/21/11 13:53	MSZ	
Chlordane-gamma [5566-34-7] ^	0.00067	U	mg/kg dry	1	0.00067	0.0019	1C17033	EPA 8081B	03/21/11 13:53	MSZ	
delta-BHC [319-86-8] ^	0.00034	U	mg/kg dry	1	0.00034	0.0019	1C17033	EPA 8081B	03/21/11 13:53	MSZ	
Dieldrin [60-57-1] ^	0.00036	U	mg/kg dry	1	0.00036	0.0019	1C17033	EPA 8081B	03/21/11 13:53	MSZ	
Endosulfan I [959-98-8] ^	0.00046	U	mg/kg dry	1	0.00046	0.0019	1C17033	EPA 8081B	03/21/11 13:53	MSZ	
Endosulfan II [33213-65-9] ^	0.00044	U	mg/kg dry	1	0.00044	0.0019	1C17033	EPA 8081B	03/21/11 13:53	MSZ	
Endosulfan sulfate [1031-07-8] ^	0.00054	U	mg/kg dry	1	0.00054	0.0019	1C17033	EPA 8081B	03/21/11 13:53	MSZ	
Endrin [72-20-8] ^	0.00044	U	mg/kg dry	1	0.00044	0.0019	1C17033	EPA 8081B	03/21/11 13:53	MSZ	
Endrin aldehyde [7421-93-4] ^	0.00038	U	mg/kg dry	1	0.00038	0.0019	1C17033	EPA 8081B	03/21/11 13:53	MSZ	
Endrin ketone [53494-70-5] ^	0.00034	U	mg/kg dry	1	0.00034	0.0019	1C17033	EPA 8081B	03/21/11 13:53	MSZ	
gamma-BHC [58-89-9] ^	0.00047	U	mg/kg dry	1	0.00047	0.0019	1C17033	EPA 8081B	03/21/11 13:53	MSZ	
Heptachlor [76-44-8] ^	0.00052	U	mg/kg dry	1	0.00052	0.0019	1C17033	EPA 8081B	03/21/11 13:53	MSZ	
Heptachlor epoxide [1024-57-3] ^	0.00048	U	mg/kg dry	1	0.00048	0.0019	1C17033	EPA 8081B	03/21/11 13:53	MSZ	
Isodrin [465-73-6] ^	0.00040	U	mg/kg dry	1	0.00040	0.0019	1C17033	EPA 8081B	03/21/11 13:53	MSZ	
Methoxychlor [72-43-5] ^	0.00047	U	mg/kg dry	1	0.00047	0.0019	1C17033	EPA 8081B	03/21/11 13:53	MSZ	
Mirex [2385-85-5] ^	0.00063	U	mg/kg dry	1	0.00063	0.0019	1C17033	EPA 8081B	03/21/11 13:53	MSZ	
Toxaphene [8001-35-2] ^	0.011	U	mg/kg dry	1	0.011	0.019	1C17033	EPA 8081B	03/21/11 13:53	MSZ	

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Description: SP-24 BASE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-10
Sampled: 03/07/11 16:30
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 89.2

Polychlorinated Biphenyls by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
PCB-1016/1242 [12674-11-2/53469-21-9] ^	0.0085	U	mg/kg dry	1	0.0085	0.019	1C17034	EPA 8082A	03/21/11 13:53	MSZ	
PCB-1221 [11104-28-2] ^	0.0058	U	mg/kg dry	1	0.0058	0.019	1C17034	EPA 8082A	03/21/11 13:53	MSZ	
PCB-1232 [11141-16-5] ^	0.0058	U	mg/kg dry	1	0.0058	0.019	1C17034	EPA 8082A	03/21/11 13:53	MSZ	
PCB-1248 [12672-29-6] ^	0.0058	U	mg/kg dry	1	0.0058	0.019	1C17034	EPA 8082A	03/21/11 13:53	MSZ	
PCB-1254 [11097-69-1] ^	0.0058	U	mg/kg dry	1	0.0058	0.019	1C17034	EPA 8082A	03/21/11 13:53	MSZ	
PCB-1260 [11096-82-5] ^	0.0046	U	mg/kg dry	1	0.0046	0.019	1C17034	EPA 8082A	03/21/11 13:53	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,5,6-TCMX	*0.045*	*1*	*0.0374*	*120 %*	*44-168*	*1C17034*	*EPA 8082A*	*03/21/11 13:53*	*MSZ*	
Decachlorobiphenyl	*0.049*	*1*	*0.0374*	*130 %*	*S1-1S4*	*1C17034*	*EPA 8082A*	*03/21/11 13:53*	*MSZ*	

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Description: SP-24 BASE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-10
Sampled: 03/07/11 16:30
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 89.2

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	**4.43**	B	mg/kg dry	1	0.112	0.561	1C09009	EPA 6010C	03/10/11 12:04	JDH	QB-01
Lead [7439-92-1] ^	**2.99**		mg/kg dry	1	0.135	0.561	1C09009	EPA 6010C	03/10/11 12:04	JDH	

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Description: SP-24 BASE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-10
Sampled: 03/07/11 16:30
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 89.2

Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM) [C-0007] ^	56.1	U	mg/kg dry	1	56.1	56.1	1C17007	EPA 9071B	03/22/11 11:48	MJF	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SP-29 NSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-11
Sampled: 03/08/11 09:45
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 87.8

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00023	U	mg/kg dry	1	0.00023	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00025	U	mg/kg dry	1	0.00025	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00028	U	mg/kg dry	1	0.00028	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00032	U	mg/kg dry	1	0.00032	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00035	U	mg/kg dry	1	0.00035	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00042	U	mg/kg dry	1	0.00042	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00045	U	mg/kg dry	1	0.00045	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00030	U	mg/kg dry	1	0.00030	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00048	U	mg/kg dry	1	0.00048	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00038	U	mg/kg dry	1	0.00038	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00024	U	mg/kg dry	1	0.00024	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.0011	U	mg/kg dry	1	0.0011	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00065	U	mg/kg dry	1	0.00065	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00038	U	mg/kg dry	1	0.00038	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00054	U	mg/kg dry	1	0.00054	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00037	U	mg/kg dry	1	0.00037	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00028	U	mg/kg dry	1	0.00028	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00031	U	mg/kg dry	1	0.00031	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00041	U	mg/kg dry	1	0.00041	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00028	U	mg/kg dry	1	0.00028	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00032	U	mg/kg dry	1	0.00032	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
2-Butanone [78-93-3] ^	**0.011**		mg/kg dry	1	0.0011	0.0070	1C12002	EPA 8260B	03/12/11 15:01	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00069	U	mg/kg dry	1	0.00069	0.0070	1C12002	EPA 8260B	03/12/11 15:01	JKG	
2-Chlorotoluene [95-49-8] ^	0.00025	U	mg/kg dry	1	0.00025	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
2-Hexanone [591-78-6] ^	0.0011	U	mg/kg dry	1	0.0011	0.0070	1C12002	EPA 8260B	03/12/11 15:01	JKG	
4-Chlorotoluene [106-43-4] ^	0.00037	U	mg/kg dry	1	0.00037	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00023	U	mg/kg dry	1	0.00023	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00080	U	mg/kg dry	1	0.00080	0.0070	1C12002	EPA 8260B	03/12/11 15:01	JKG	
Acetone [67-64-1] ^	**0.053**		mg/kg dry	1	0.0017	0.0070	1C12002	EPA 8260B	03/12/11 15:01	JKG	
Benzene [71-43-2] ^	0.00024	U	mg/kg dry	1	0.00024	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
Bromobenzene [108-86-1] ^	0.00031	U	mg/kg dry	1	0.00031	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
Bromochloromethane [74-97-5] ^	0.00058	U	mg/kg dry	1	0.00058	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
Bromodichloromethane [75-27-4] ^	0.00034	U	mg/kg dry	1	0.00034	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
Bromoform [75-25-2] ^	0.00063	U	mg/kg dry	1	0.00063	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
Bromomethane [74-83-9] ^	0.00032	U	mg/kg dry	1	0.00032	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
Carbon disulfide [75-15-0] ^	**0.00075**	J	mg/kg dry	1	0.00055	0.0070	1C12002	EPA 8260B	03/12/11 15:01	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00031	U	mg/kg dry	1	0.00031	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
Chlorobenzene [108-90-7] ^	0.00024	U	mg/kg dry	1	0.00024	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
Chloroethane [75-00-3] ^	0.00035	U	mg/kg dry	1	0.00035	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
Chloroform [67-66-3] ^	0.00024	U	mg/kg dry	1	0.00024	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
Chloromethane [74-87-3] ^	0.00021	U	mg/kg dry	1	0.00021	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00032	U	mg/kg dry	1	0.00032	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00018	U	mg/kg dry	1	0.00018	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
Dibromochloromethane [124-48-1] ^	0.00049	U	mg/kg dry	1	0.00049	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
Dibromomethane [74-95-3] ^	0.00044	U	mg/kg dry	1	0.00044	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00063	U	mg/kg dry	1	0.00063	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
Ethylbenzene [100-41-4] ^	0.00028	U	mg/kg dry	1	0.00028	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00049	U	mg/kg dry	1	0.00049	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
Isopropylbenzene [98-82-8] ^	0.00021	U	mg/kg dry	1	0.00021	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00052	U	mg/kg dry	1	0.00052	0.0028	1C12002	EPA 8260B	03/12/11 15:01	JKG	
Methylene Chloride [75-09-2] ^	**0.0013**	J	mg/kg dry	1	0.00079	0.0028	1C12002	EPA 8260B	03/12/11 15:01	JKG	

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Description: SP-29 NSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-11
Sampled: 03/08/11 09:45
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 87.8

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00042	U	mg/kg dry	1	0.00042	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
Naphthalene [91-20-3] ^	0.00034	U	mg/kg dry	1	0.00034	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
n-Butyl Benzene [104-51-8] ^	0.00031	U	mg/kg dry	1	0.00031	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
n-Propyl Benzene [103-65-1] ^	0.00025	U	mg/kg dry	1	0.00025	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
o-Xylene [95-47-6] ^	0.00031	U	mg/kg dry	1	0.00031	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
sec-Butylbenzene [135-98-8] ^	0.00031	U	mg/kg dry	1	0.00031	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
Styrene [100-42-5] ^	0.00024	U	mg/kg dry	1	0.00024	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
tert-Butylbenzene [98-06-6] ^	0.00023	U	mg/kg dry	1	0.00023	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
Tetrachloroethene [127-18-4] ^	0.00039	U	mg/kg dry	1	0.00039	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
Toluene [108-88-3] ^	0.00028	U	mg/kg dry	1	0.00028	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00052	U	mg/kg dry	1	0.00052	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00055	U	mg/kg dry	1	0.00055	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
Trichloroethene [79-01-6] ^	0.00038	U	mg/kg dry	1	0.00038	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00037	U	mg/kg dry	1	0.00037	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
Vinyl chloride [75-01-4] ^	0.00034	U	mg/kg dry	1	0.00034	0.0014	1C12002	EPA 8260B	03/12/11 15:01	JKG	
Xylenes (Total) [1330-20-7] ^	0.00079	U	mg/kg dry	1	0.00079	0.0042	1C12002	EPA 8260B	03/12/11 15:01	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*47*	*1*	*50.0*	*93 %*	*61-118*	*1C12002*	*EPA 8260B*	*03/12/11 15:01*	*JKG*	
Dibromofluoromethane	*47*	*1*	*50.0*	*95 %*	*66-114*	*1C12002*	*EPA 8260B*	*03/12/11 15:01*	*JKG*	
Toluene-d8	*48*	*1*	*50.0*	*95 %*	*63-118*	*1C12002*	*EPA 8260B*	*03/12/11 15:01*	*JKG*	

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Description: SP-29 NSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-11
Sampled: 03/08/11 09:45
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 87.8

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
1,2-Dichlorobenzene [95-50-1] ^	0.026	U	mg/kg dry	1	0.026	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
1,3-Dichlorobenzene [541-73-1] ^	0.023	U	mg/kg dry	1	0.023	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
1,4-Dichlorobenzene [106-46-7] ^	0.024	U	mg/kg dry	1	0.024	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
1-Methylnaphthalene [90-12-0] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
2,4,5-Trichlorophenol [95-95-4] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
2,4-Dichlorophenol [120-83-2] ^	0.027	U	mg/kg dry	1	0.027	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
2,4-Dimethylphenol [105-67-9] ^	0.049	U	mg/kg dry	1	0.049	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
2,4-Dinitrophenol [51-28-5] ^	0.049	U	mg/kg dry	1	0.049	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
2,4-Dinitrotoluene [121-14-2] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
2,6-Dinitrotoluene [606-20-2] ^	0.035	U	mg/kg dry	1	0.035	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
2-Chloronaphthalene [91-58-7] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
2-Chlorophenol [95-57-8] ^	0.028	U	mg/kg dry	1	0.028	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
2-Methylnaphthalene [91-57-6] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
2-Methylphenol [95-48-7] ^	0.028	U	mg/kg dry	1	0.028	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
2-Nitroaniline [88-74-4] ^	0.034	U	mg/kg dry	1	0.034	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
2-Nitrophenol [88-75-5] ^	0.035	U	mg/kg dry	1	0.035	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	0.11	U	mg/kg dry	1	0.11	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
3-Nitroaniline [99-09-2] ^	0.041	U	mg/kg dry	1	0.041	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
4-Chloroaniline [106-47-8] ^	0.11	U	mg/kg dry	1	0.11	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
4-Nitroaniline [100-01-6] ^	0.060	U	mg/kg dry	1	0.060	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
4-Nitrophenol [100-02-7]	0.035	U	mg/kg dry	1	0.035	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
Acenaphthene [83-32-9] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
Acenaphthylene [208-96-8] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
Anthracene [120-12-7] ^	0.043	U	mg/kg dry	1	0.043	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
Benzidine [92-87-5] ^	0.13	U	mg/kg dry	1	0.13	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
Benzo(a)anthracene [56-55-3] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
Benzo(a)pyrene [50-32-8] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
Benzo(b)fluoranthene [205-99-2] ^	0.020	U	mg/kg dry	1	0.020	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	0.054	U	mg/kg dry	1	0.054	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
Benzoic acid [65-85-0] ^	0.17	U	mg/kg dry	1	0.17	1.9	1C16008	EPA 8270D	03/17/11 16:41	DFM	
Benzyl alcohol [100-51-6] ^	0.026	U	mg/kg dry	1	0.026	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	0.028	U	mg/kg dry	1	0.028	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	0.049	U	mg/kg dry	1	0.049	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] ^	0.027	U	mg/kg dry	1	0.027	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	0.040	U	mg/kg dry	1	0.040	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
Butylbenzylphthalate [85-68-7] ^	0.046	U	mg/kg dry	1	0.046	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
Chrysene [218-01-9] ^	0.034	U	mg/kg dry	1	0.034	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.058	U	mg/kg dry	1	0.058	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
Dibenzofuran [132-64-9] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
Diethylphthalate [84-66-2] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
Dimethylphthalate [131-11-3] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
Di-n-butylphthalate [84-74-2] ^	0.047	U	mg/kg dry	1	0.047	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
Di-n-octylphthalate [117-84-0] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	

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Description: SP-29 NSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-11
Sampled: 03/08/11 09:45
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 87.8

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	0.041	U	mg/kg dry	1	0.041	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
Fluorene [86-73-7] ^	0.033	U	mg/kg dry	1	0.033	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
Hexachlorobenzene [118-74-1] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
Hexachlorobutadiene [87-68-3] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	0.044	U	mg/kg dry	1	0.044	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
Hexachloroethane [67-72-1] ^	0.024	U	mg/kg dry	1	0.024	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.054	U	mg/kg dry	1	0.054	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
Isophorone [78-59-1] ^	0.034	U	mg/kg dry	1	0.034	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
Naphthalene [91-20-3] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
Nitrobenzene [98-95-3] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
N-Nitrosodimethylamine [62-75-9] ^	0.024	U	mg/kg dry	1	0.024	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	0.092	U	mg/kg dry	1	0.092	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	0.061	U	mg/kg dry	1	0.061	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
Pentachlorophenol [87-86-5]	0.038	U	mg/kg dry	1	0.038	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	QV-01
Phenanthrene [85-01-8] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
Phenol [108-95-2] ^	0.025	U	mg/kg dry	1	0.025	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
Pyrene [129-00-0] ^	0.043	U	mg/kg dry	1	0.043	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	
Pyridine [110-86-1] ^	0.093	U	mg/kg dry	1	0.093	0.38	1C16008	EPA 8270D	03/17/11 16:41	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*3.5*	*1*	*3.80*	*93 %*	*28-130*	*1C16008*	*EPA 8270D*	*03/17/11 16:41*	*DFM*	
2-Fluorobiphenyl	*1.5*	*1*	*1.90*	*79 %*	*56-120*	*1C16008*	*EPA 8270D*	*03/17/11 16:41*	*DFM*	
2-Fluorophenol	*2.1*	*1*	*3.80*	*55 %*	*49-126*	*1C16008*	*EPA 8270D*	*03/17/11 16:41*	*DFM*	
Nitrobenzene-d5	*1.2*	*1*	*1.90*	*64 %*	*50-117*	*1C16008*	*EPA 8270D*	*03/17/11 16:41*	*DFM*	
Phenol-d5	*2.5*	*1*	*3.80*	*66 %*	*56-120*	*1C16008*	*EPA 8270D*	*03/17/11 16:41*	*DFM*	
Terphenyl-d14	*1.8*	*1*	*1.90*	*94 %*	*36-151*	*1C16008*	*EPA 8270D*	*03/17/11 16:41*	*DFM*	

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Description: SP-29 NSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-11
Sampled: 03/08/11 09:45
Sampled By: Michael Sabodish

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Work Order: C102268
% Solids: 87.8

Organochlorine Pesticides by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8] ^	0.00036	U	mg/kg dry	1	0.00036	0.0019	1C17033	EPA 8081B	03/21/11 14:06	MSZ	
4,4'-DDE [72-55-9] ^	0.00047	U	mg/kg dry	1	0.00047	0.0019	1C17033	EPA 8081B	03/21/11 14:06	MSZ	
4,4'-DDT [50-29-3] ^	0.00059	U	mg/kg dry	1	0.00059	0.0019	1C17033	EPA 8081B	03/21/11 14:06	MSZ	
Aldrin [309-00-2] ^	0.00041	U	mg/kg dry	1	0.00041	0.0019	1C17033	EPA 8081B	03/21/11 14:06	MSZ	
alpha-BHC [319-84-6] ^	0.00056	U	mg/kg dry	1	0.00056	0.0019	1C17033	EPA 8081B	03/21/11 14:06	MSZ	
beta-BHC [319-85-7] ^	0.00081	U	mg/kg dry	1	0.00081	0.0019	1C17033	EPA 8081B	03/21/11 14:06	MSZ	
Chlordane (tech) [12789-03-6] ^	0.0013	U	mg/kg dry	1	0.0013	0.038	1C17033	EPA 8081B	03/21/11 14:06	MSZ	
Chlordane-alpha [5103-71-9] ^	0.00052	U	mg/kg dry	1	0.00052	0.0019	1C17033	EPA 8081B	03/21/11 14:06	MSZ	
Chlordane-gamma [5566-34-7] ^	0.00068	U	mg/kg dry	1	0.00068	0.0019	1C17033	EPA 8081B	03/21/11 14:06	MSZ	
delta-BHC [319-86-8] ^	0.00034	U	mg/kg dry	1	0.00034	0.0019	1C17033	EPA 8081B	03/21/11 14:06	MSZ	
Dieldrin [60-57-1] ^	0.00036	U	mg/kg dry	1	0.00036	0.0019	1C17033	EPA 8081B	03/21/11 14:06	MSZ	
Endosulfan I [959-98-8] ^	0.00047	U	mg/kg dry	1	0.00047	0.0019	1C17033	EPA 8081B	03/21/11 14:06	MSZ	
Endosulfan II [33213-65-9] ^	0.00044	U	mg/kg dry	1	0.00044	0.0019	1C17033	EPA 8081B	03/21/11 14:06	MSZ	
Endosulfan sulfate [1031-07-8] ^	0.00055	U	mg/kg dry	1	0.00055	0.0019	1C17033	EPA 8081B	03/21/11 14:06	MSZ	
Endrin [72-20-8] ^	0.00044	U	mg/kg dry	1	0.00044	0.0019	1C17033	EPA 8081B	03/21/11 14:06	MSZ	
Endrin aldehyde [7421-93-4] ^	0.00039	U	mg/kg dry	1	0.00039	0.0019	1C17033	EPA 8081B	03/21/11 14:06	MSZ	
Endrin ketone [53494-70-5] ^	0.00034	U	mg/kg dry	1	0.00034	0.0019	1C17033	EPA 8081B	03/21/11 14:06	MSZ	
gamma-BHC [58-89-9] ^	0.00048	U	mg/kg dry	1	0.00048	0.0019	1C17033	EPA 8081B	03/21/11 14:06	MSZ	
Heptachlor [76-44-8] ^	0.00052	U	mg/kg dry	1	0.00052	0.0019	1C17033	EPA 8081B	03/21/11 14:06	MSZ	
Heptachlor epoxide [1024-57-3] ^	0.00049	U	mg/kg dry	1	0.00049	0.0019	1C17033	EPA 8081B	03/21/11 14:06	MSZ	
Isodrin [465-73-6] ^	0.00041	U	mg/kg dry	1	0.00041	0.0019	1C17033	EPA 8081B	03/21/11 14:06	MSZ	
Methoxychlor [72-43-5] ^	0.00048	U	mg/kg dry	1	0.00048	0.0019	1C17033	EPA 8081B	03/21/11 14:06	MSZ	
Mirex [2385-85-5] ^	0.00064	U	mg/kg dry	1	0.00064	0.0019	1C17033	EPA 8081B	03/21/11 14:06	MSZ	
Toxaphene [8001-35-2] ^	0.012	U	mg/kg dry	1	0.012	0.019	1C17033	EPA 8081B	03/21/11 14:06	MSZ	

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Polychlorinated Biphenyls by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
PCB-1016/1242 [12674-11-2/53469-21-9] ^	0.0087	U	mg/kg dry	1	0.0087	0.019	1C17034	EPA 8082A	03/21/11 14:06	MSZ	
PCB-1221 [11104-28-2] ^	0.0059	U	mg/kg dry	1	0.0059	0.019	1C17034	EPA 8082A	03/21/11 14:06	MSZ	
PCB-1232 [11141-16-5] ^	0.0059	U	mg/kg dry	1	0.0059	0.019	1C17034	EPA 8082A	03/21/11 14:06	MSZ	
PCB-1248 [12672-29-6] ^	0.0059	U	mg/kg dry	1	0.0059	0.019	1C17034	EPA 8082A	03/21/11 14:06	MSZ	
PCB-1254 [11097-69-1] ^	0.0059	U	mg/kg dry	1	0.0059	0.019	1C17034	EPA 8082A	03/21/11 14:06	MSZ	
PCB-1260 [11096-82-5] ^	0.0047	U	mg/kg dry	1	0.0047	0.019	1C17034	EPA 8082A	03/21/11 14:06	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,5,6-TCMX	*0.046*	*1*	*0.0380*	*120 %*	*44-168*	*1C17034*	*EPA 8082A*	*03/21/11 14:06*	*MSZ*	
Decachlorobiphenyl	*0.038*	*1*	*0.0380*	*100 %*	*51-154*	*1C17034*	*EPA 8082A*	*03/21/11 14:06*	*MSZ*	

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Description: SP-29 NSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-11
Sampled: 03/08/11 09:45
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 87.8

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	**1.15**	B	mg/kg dry	1	0.114	0.569	1C09009	EPA 6010C	03/10/11 12:06	JDH	QB-01
Lead [7439-92-1] ^	**2.96**		mg/kg dry	1	0.137	0.569	1C09009	EPA 6010C	03/10/11 12:06	JDH	

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Description: SP-29 NSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-11
Sampled: 03/08/11 09:45
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 87.8

Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM) [C-0007] ^	58.5		mg/kg dry	1	56.9	56.9	1C14013	EPA 9071B	03/16/11 15:00	MJF	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SP-29 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-12
Sampled: 03/08/11 09:45
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 78.3

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00020	U	mg/kg dry	1	0.00020	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00023	U	mg/kg dry	1	0.00023	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00028	U	mg/kg dry	1	0.00028	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00034	U	mg/kg dry	1	0.00034	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00036	U	mg/kg dry	1	0.00036	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00038	U	mg/kg dry	1	0.00038	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00030	U	mg/kg dry	1	0.00030	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00089	U	mg/kg dry	1	0.00089	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00052	U	mg/kg dry	1	0.00052	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00030	U	mg/kg dry	1	0.00030	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00043	U	mg/kg dry	1	0.00043	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00029	U	mg/kg dry	1	0.00029	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00023	U	mg/kg dry	1	0.00023	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00033	U	mg/kg dry	1	0.00033	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00023	U	mg/kg dry	1	0.00023	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
2-Butanone [78-93-3] ^	**0.021**		mg/kg dry	1	0.00088	0.0056	1C12002	EPA 8260B	03/12/11 15:30	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00055	U	mg/kg dry	1	0.00055	0.0056	1C12002	EPA 8260B	03/12/11 15:30	JKG	
2-Chlorotoluene [95-49-8] ^	0.00020	U	mg/kg dry	1	0.00020	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
2-Hexanone [591-78-6] ^	0.00084	U	mg/kg dry	1	0.00084	0.0056	1C12002	EPA 8260B	03/12/11 15:30	JKG	
4-Chlorotoluene [106-43-4] ^	0.00029	U	mg/kg dry	1	0.00029	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
4-Isopropyltoluene [99-87-6] ^	**0.0046**		mg/kg dry	1	0.00018	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00064	U	mg/kg dry	1	0.00064	0.0056	1C12002	EPA 8260B	03/12/11 15:30	JKG	
Acetone [67-64-1] ^	**0.085**		mg/kg dry	1	0.0014	0.0056	1C12002	EPA 8260B	03/12/11 15:30	JKG	
Benzene [71-43-2] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
Bromobenzene [108-86-1] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
Bromochloromethane [74-97-5] ^	0.00046	U	mg/kg dry	1	0.00046	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
Bromodichloromethane [75-27-4] ^	0.00027	U	mg/kg dry	1	0.00027	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
Bromoform [75-25-2] ^	0.00051	U	mg/kg dry	1	0.00051	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
Bromomethane [74-83-9] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
Carbon disulfide [75-15-0] ^	**0.00065**	J	mg/kg dry	1	0.00044	0.0056	1C12002	EPA 8260B	03/12/11 15:30	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
Chlorobenzene [108-90-7] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
Chloroethane [75-00-3] ^	0.00028	U	mg/kg dry	1	0.00028	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
Chloroform [67-66-3] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
Chloromethane [74-87-3] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00015	U	mg/kg dry	1	0.00015	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
Dibromochloromethane [124-48-1] ^	0.00039	U	mg/kg dry	1	0.00039	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
Dibromomethane [74-95-3] ^	0.00035	U	mg/kg dry	1	0.00035	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00051	U	mg/kg dry	1	0.00051	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
Ethylbenzene [100-41-4] ^	0.00023	U	mg/kg dry	1	0.00023	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00039	U	mg/kg dry	1	0.00039	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
Isopropylbenzene [98-82-8] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00042	U	mg/kg dry	1	0.00042	0.0023	1C12002	EPA 8260B	03/12/11 15:30	JKG	
Methylene Chloride [75-09-2] ^	0.00063	U	mg/kg dry	1	0.00063	0.0023	1C12002	EPA 8260B	03/12/11 15:30	JKG	

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Description: SP-29 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-12
Sampled: 03/08/11 09:45
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 78.3

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00034	U	mg/kg dry	1	0.00034	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
Naphthalene [91-20-3] ^	0.00027	U	mg/kg dry	1	0.00027	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
n-Butyl Benzene [104-51-8] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
n-Propyl Benzene [103-65-1] ^	0.00020	U	mg/kg dry	1	0.00020	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
o-Xylene [95-47-6] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
sec-Butylbenzene [135-98-8] ^	**0.00097**	J	mg/kg dry	1	0.00025	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
Styrene [100-42-5] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
tert-Butylbenzene [98-06-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
Tetrachloroethene [127-18-4] ^	0.00032	U	mg/kg dry	1	0.00032	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
Toluene [108-88-3] ^	**0.00060**	J	mg/kg dry	1	0.00023	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00042	U	mg/kg dry	1	0.00042	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00044	U	mg/kg dry	1	0.00044	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
Trichloroethene [79-01-6] ^	0.00030	U	mg/kg dry	1	0.00030	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00029	U	mg/kg dry	1	0.00029	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
Vinyl chloride [75-01-4] ^	0.00027	U	mg/kg dry	1	0.00027	0.0011	1C12002	EPA 8260B	03/12/11 15:30	JKG	
Xylenes (Total) [1330-20-7] ^	0.00063	U	mg/kg dry	1	0.00063	0.0034	1C12002	EPA 8260B	03/12/11 15:30	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*54*	*1*	*50.0*	*108 %*	*61-118*	*1C12002*	*EPA 8260B*	*03/12/11 15:30*	*JKG*	
Dibromofluoromethane	*47*	*1*	*50.0*	*93 %*	*66-114*	*1C12002*	*EPA 8260B*	*03/12/11 15:30*	*JKG*	
Toluene-d8	*49*	*1*	*50.0*	*97 %*	*63-118*	*1C12002*	*EPA 8260B*	*03/12/11 15:30*	*JKG*	

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Description: SP-29 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-12
Sampled: 03/08/11 09:45
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 78.3

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	0.033	U	mg/kg dry	1	0.033	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
1,2-Dichlorobenzene [95-50-1] ^	0.029	U	mg/kg dry	1	0.029	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
1,3-Dichlorobenzene [541-73-1] ^	0.026	U	mg/kg dry	1	0.026	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
1,4-Dichlorobenzene [106-46-7] ^	0.027	U	mg/kg dry	1	0.027	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
1-Methylnaphthalene [90-12-0] ^	0.034	U	mg/kg dry	1	0.034	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
2,4,5-Trichlorophenol [95-95-4] ^	0.034	U	mg/kg dry	1	0.034	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	0.034	U	mg/kg dry	1	0.034	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
2,4-Dichlorophenol [120-83-2] ^	0.031	U	mg/kg dry	1	0.031	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
2,4-Dimethylphenol [105-67-9] ^	0.055	U	mg/kg dry	1	0.055	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
2,4-Dinitrophenol [51-28-5] ^	0.055	U	mg/kg dry	1	0.055	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
2,4-Dinitrotoluene [121-14-2] ^	0.036	U	mg/kg dry	1	0.036	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
2,6-Dinitrotoluene [606-20-2] ^	0.040	U	mg/kg dry	1	0.040	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
2-Chloronaphthalene [91-58-7] ^	0.036	U	mg/kg dry	1	0.036	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
2-Chlorophenol [95-57-8] ^	0.032	U	mg/kg dry	1	0.032	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	0.042	U	mg/kg dry	1	0.042	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
2-Methylnaphthalene [91-57-6] ^	0.036	U	mg/kg dry	1	0.036	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
2-Methylphenol [95-48-7] ^	0.032	U	mg/kg dry	1	0.032	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
2-Nitroaniline [88-74-4] ^	0.038	U	mg/kg dry	1	0.038	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
2-Nitrophenol [88-75-5] ^	0.040	U	mg/kg dry	1	0.040	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.033	U	mg/kg dry	1	0.033	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	0.13	U	mg/kg dry	1	0.13	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
3-Nitroaniline [99-09-2] ^	0.046	U	mg/kg dry	1	0.046	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	0.034	U	mg/kg dry	1	0.034	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	0.042	U	mg/kg dry	1	0.042	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
4-Chloroaniline [106-47-8] ^	0.12	U	mg/kg dry	1	0.12	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	0.033	U	mg/kg dry	1	0.033	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
4-Nitroaniline [100-01-6] ^	0.068	U	mg/kg dry	1	0.068	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
4-Nitrophenol [100-02-7]	0.040	U	mg/kg dry	1	0.040	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
Acenaphthene [83-32-9] ^	0.036	U	mg/kg dry	1	0.036	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
Acenaphthylene [208-96-8] ^	0.036	U	mg/kg dry	1	0.036	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
Anthracene [120-12-7] ^	0.049	U	mg/kg dry	1	0.049	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
Benzidine [92-87-5] ^	0.14	U	mg/kg dry	1	0.14	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
Benzo(a)anthracene [56-55-3] ^	**0.13**	J	mg/kg dry	1	0.036	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
Benzo(a)pyrene [50-32-8] ^	**0.16**	J	mg/kg dry	1	0.042	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
Benzo(b)fluoranthene [205-99-2] ^	**0.21**	J	mg/kg dry	1	0.023	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	**0.12**	J	mg/kg dry	1	0.060	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
Benzo(k)fluoranthene [207-08-9] ^	**0.12**	J	mg/kg dry	1	0.042	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
Benzoic acid [65-85-0] ^	0.19	U	mg/kg dry	1	0.19	2.2	1C16008	EPA 8270D	03/17/11 23:34	DFM	
Benzyl alcohol [100-51-6] ^	0.029	U	mg/kg dry	1	0.029	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	0.032	U	mg/kg dry	1	0.032	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	0.055	U	mg/kg dry	1	0.055	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] ^	0.031	U	mg/kg dry	1	0.031	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	0.045	U	mg/kg dry	1	0.045	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
Butylbenzylphthalate [85-68-7] ^	0.051	U	mg/kg dry	1	0.051	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
Chrysene [218-01-9] ^	**0.14**	J	mg/kg dry	1	0.038	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.065	U	mg/kg dry	1	0.065	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
Dibenzofuran [132-64-9] ^	0.034	U	mg/kg dry	1	0.034	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
Diethylphthalate [84-66-2] ^	0.036	U	mg/kg dry	1	0.036	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
Dimethylphthalate [131-11-3] ^	0.042	U	mg/kg dry	1	0.042	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
Di-n-butylphthalate [84-74-2] ^	0.052	U	mg/kg dry	1	0.052	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
Di-n-octylphthalate [117-84-0] ^	0.042	U	mg/kg dry	1	0.042	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	

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Description: SP-29 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-12
Sampled: 03/08/11 09:45
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 78.3

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	**0.21**	J	mg/kg dry	1	0.046	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
Fluorene [86-73-7] ^	0.037	U	mg/kg dry	1	0.037	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
Hexachlorobenzene [118-74-1] ^	0.033	U	mg/kg dry	1	0.033	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
Hexachlorobutadiene [87-68-3] ^	0.033	U	mg/kg dry	1	0.033	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	0.050	U	mg/kg dry	1	0.050	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
Hexachloroethane [67-72-1] ^	0.027	U	mg/kg dry	1	0.027	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	**0.11**	J	mg/kg dry	1	0.060	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
Isophorone [78-59-1] ^	0.038	U	mg/kg dry	1	0.038	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
Naphthalene [91-20-3] ^	0.036	U	mg/kg dry	1	0.036	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
Nitrobenzene [98-95-3] ^	0.033	U	mg/kg dry	1	0.033	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
N-Nitrosodimethylamine [62-75-9] ^	0.027	U	mg/kg dry	1	0.027	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	0.10	U	mg/kg dry	1	0.10	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	0.069	U	mg/kg dry	1	0.069	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
Pentachlorophenol [87-86-5]	0.042	U	mg/kg dry	1	0.042	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	QV-01
Phenanthrene [85-01-8] ^	**0.088**	J	mg/kg dry	1	0.034	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
Phenol [108-95-2] ^	0.028	U	mg/kg dry	1	0.028	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
Pyrene [129-00-0] ^	**0.22**	J	mg/kg dry	1	0.049	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	
Pyridine [110-86-1] ^	0.10	U	mg/kg dry	1	0.10	0.42	1C16008	EPA 8270D	03/17/11 23:34	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*4.4*	*1*	*4.26*	*104 %*	*28-130*	*1C16008*	*EPA 8270D*	*03/17/11 23:34*	*DFM*	
2-Fluorobiphenyl	*2.0*	*1*	*2.13*	*96 %*	*56-120*	*1C16008*	*EPA 8270D*	*03/17/11 23:34*	*DFM*	
2-Fluorophenol	*3.0*	*1*	*4.26*	*71 %*	*49-126*	*1C16008*	*EPA 8270D*	*03/17/11 23:34*	*DFM*	
Nitrobenzene-d5	*1.7*	*1*	*2.13*	*82 %*	*50-117*	*1C16008*	*EPA 8270D*	*03/17/11 23:34*	*DFM*	
Phenol-d5	*3.5*	*1*	*4.26*	*82 %*	*56-120*	*1C16008*	*EPA 8270D*	*03/17/11 23:34*	*DFM*	
Terphenyl-d14	*2.1*	*1*	*2.13*	*97 %*	*36-151*	*1C16008*	*EPA 8270D*	*03/17/11 23:34*	*DFM*	

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Description: SP-29 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-12
Sampled: 03/08/11 09:45
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 78.3

Organochlorine Pesticides by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8] ^	0.00041	U	mg/kg dry	1	0.00041	0.0022	1C17033	EPA 8081B	03/21/11 14:19	MSZ	
4,4'-DDE [72-55-9] ^	0.00052	U	mg/kg dry	1	0.00052	0.0022	1C17033	EPA 8081B	03/21/11 14:19	MSZ	
4,4'-DDT [50-29-3] ^	0.00066	U	mg/kg dry	1	0.00066	0.0022	1C17033	EPA 8081B	03/21/11 14:19	MSZ	
Aldrin [309-00-2] ^	0.00046	U	mg/kg dry	1	0.00046	0.0022	1C17033	EPA 8081B	03/21/11 14:19	MSZ	
alpha-BHC [319-84-6] ^	0.00063	U	mg/kg dry	1	0.00063	0.0022	1C17033	EPA 8081B	03/21/11 14:19	MSZ	
beta-BHC [319-85-7] ^	0.00091	U	mg/kg dry	1	0.00091	0.0022	1C17033	EPA 8081B	03/21/11 14:19	MSZ	
Chlordane (tech) [12789-03-6] ^	0.0014	U	mg/kg dry	1	0.0014	0.042	1C17033	EPA 8081B	03/21/11 14:19	MSZ	
Chlordane-alpha [5103-71-9] ^	0.00059	U	mg/kg dry	1	0.00059	0.0022	1C17033	EPA 8081B	03/21/11 14:19	MSZ	
Chlordane-gamma [5566-34-7] ^	0.00077	U	mg/kg dry	1	0.00077	0.0022	1C17033	EPA 8081B	03/21/11 14:19	MSZ	
delta-BHC [319-86-8] ^	0.00038	U	mg/kg dry	1	0.00038	0.0022	1C17033	EPA 8081B	03/21/11 14:19	MSZ	
Dieldrin [60-57-1] ^	0.00041	U	mg/kg dry	1	0.00041	0.0022	1C17033	EPA 8081B	03/21/11 14:19	MSZ	
Endosulfan I [959-98-8] ^	0.00052	U	mg/kg dry	1	0.00052	0.0022	1C17033	EPA 8081B	03/21/11 14:19	MSZ	
Endosulfan II [33213-65-9] ^	0.00050	U	mg/kg dry	1	0.00050	0.0022	1C17033	EPA 8081B	03/21/11 14:19	MSZ	
Endosulfan sulfate [1031-07-8] ^	0.00061	U	mg/kg dry	1	0.00061	0.0022	1C17033	EPA 8081B	03/21/11 14:19	MSZ	
Endrin [72-20-8] ^	0.00050	U	mg/kg dry	1	0.00050	0.0022	1C17033	EPA 8081B	03/21/11 14:19	MSZ	
Endrin aldehyde [7421-93-4] ^	0.00043	U	mg/kg dry	1	0.00043	0.0022	1C17033	EPA 8081B	03/21/11 14:19	MSZ	
Endrin ketone [53494-70-5] ^	0.00038	U	mg/kg dry	1	0.00038	0.0022	1C17033	EPA 8081B	03/21/11 14:19	MSZ	
gamma-BHC [58-89-9] ^	0.00054	U	mg/kg dry	1	0.00054	0.0022	1C17033	EPA 8081B	03/21/11 14:19	MSZ	
Heptachlor [76-44-8] ^	0.00059	U	mg/kg dry	1	0.00059	0.0022	1C17033	EPA 8081B	03/21/11 14:19	MSZ	
Heptachlor epoxide [1024-57-3] ^	0.00055	U	mg/kg dry	1	0.00055	0.0022	1C17033	EPA 8081B	03/21/11 14:19	MSZ	
Isodrin [465-73-6] ^	0.00046	U	mg/kg dry	1	0.00046	0.0022	1C17033	EPA 8081B	03/21/11 14:19	MSZ	
Methoxychlor [72-43-5] ^	0.00054	U	mg/kg dry	1	0.00054	0.0022	1C17033	EPA 8081B	03/21/11 14:19	MSZ	
Mirex [2385-85-5] ^	0.00071	U	mg/kg dry	1	0.00071	0.0022	1C17033	EPA 8081B	03/21/11 14:19	MSZ	
Toxaphene [8001-35-2] ^	0.013	U	mg/kg dry	1	0.013	0.022	1C17033	EPA 8081B	03/21/11 14:19	MSZ	

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Description: SP-29 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-12
Sampled: 03/08/11 09:45
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 78.3

Polychlorinated Biphenyls by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
PCB-1016/1242 [12674-11-2/53469-21-9] ^	0.0097	U	mg/kg dry	1	0.0097	0.022	1C17034	EPA 8082A	03/21/11 14:19	MSZ	
PCB-1221 [11104-28-2] ^	0.0066	U	mg/kg dry	1	0.0066	0.022	1C17034	EPA 8082A	03/21/11 14:19	MSZ	
PCB-1232 [11141-16-5] ^	0.0066	U	mg/kg dry	1	0.0066	0.022	1C17034	EPA 8082A	03/21/11 14:19	MSZ	
PCB-1248 [12672-29-6] ^	0.0066	U	mg/kg dry	1	0.0066	0.022	1C17034	EPA 8082A	03/21/11 14:19	MSZ	
PCB-1254 [11097-69-1] ^	0.0066	U	mg/kg dry	1	0.0066	0.022	1C17034	EPA 8082A	03/21/11 14:19	MSZ	
PCB-1260 [11096-82-5] ^	0.0052	U	mg/kg dry	1	0.0052	0.022	1C17034	EPA 8082A	03/21/11 14:19	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,5,6-TCMX	*0.043*	*1*	*0.0426*	*100 %*	*44-168*	*1C17034*	*EPA 8082A*	*03/21/11 14:19*	*MSZ*	
Decachlorobiphenyl	*0.055*	*1*	*0.0426*	*130 %*	*51-154*	*1C17034*	*EPA 8082A*	*03/21/11 14:19*	*MSZ*	

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Description: SP-29 SSW	**Lab Sample ID:** C102268-12	**Received:** 03/08/11 13:00
Matrix: Soil	**Sampled:** 03/08/11 09:45	**Work Order:** C102268
Project: Point Harbour Site	**Sampled By:** Michael Sabodish	**% Solids:** 78.3

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	**4.29**	B	mg/kg dry	1	0.128	0.638	1C09009	EPA 6010C	03/10/11 12:09	JDH	QB-01
Lead [7439-92-1] ^	**39.9**		mg/kg dry	1	0.153	0.638	1C09009	EPA 6010C	03/10/11 12:09	JDH	

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Description: SP-29 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-12
Sampled: 03/08/11 09:45
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 78.3

Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM) [C-0007] ^	**1360**		mg/kg dry	1	63.8	63.8	1C14013	EPA 9071B	03/16/11 15:00	MJF	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SP-29 ESW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-13
Sampled: 03/08/11 09:45
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 86.2

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00019	U	mg/kg dry	1	0.00019	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00021	U	mg/kg dry	1	0.00021	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00023	U	mg/kg dry	1	0.00023	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00027	U	mg/kg dry	1	0.00027	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00029	U	mg/kg dry	1	0.00029	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00035	U	mg/kg dry	1	0.00035	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00037	U	mg/kg dry	1	0.00037	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00024	U	mg/kg dry	1	0.00024	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00039	U	mg/kg dry	1	0.00039	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00031	U	mg/kg dry	1	0.00031	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00020	U	mg/kg dry	1	0.00020	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00092	U	mg/kg dry	1	0.00092	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00053	U	mg/kg dry	1	0.00053	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00031	U	mg/kg dry	1	0.00031	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00044	U	mg/kg dry	1	0.00044	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00030	U	mg/kg dry	1	0.00030	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00023	U	mg/kg dry	1	0.00023	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00026	U	mg/kg dry	1	0.00026	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00034	U	mg/kg dry	1	0.00034	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00023	U	mg/kg dry	1	0.00023	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00027	U	mg/kg dry	1	0.00027	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
2-Butanone [78-93-3] ^	**0.011**		mg/kg dry	1	0.00090	0.0058	1C12002	EPA 8260B	03/12/11 15:59	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00057	U	mg/kg dry	1	0.00057	0.0058	1C12002	EPA 8260B	03/12/11 15:59	JKG	
2-Chlorotoluene [95-49-8] ^	0.00021	U	mg/kg dry	1	0.00021	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
2-Hexanone [591-78-6] ^	0.00087	U	mg/kg dry	1	0.00087	0.0058	1C12002	EPA 8260B	03/12/11 15:59	JKG	
4-Chlorotoluene [106-43-4] ^	0.00030	U	mg/kg dry	1	0.00030	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00019	U	mg/kg dry	1	0.00019	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00066	U	mg/kg dry	1	0.00066	0.0058	1C12002	EPA 8260B	03/12/11 15:59	JKG	
Acetone [67-64-1] ^	**0.040**		mg/kg dry	1	0.0014	0.0058	1C12002	EPA 8260B	03/12/11 15:59	JKG	
Benzene [71-43-2] ^	0.00020	U	mg/kg dry	1	0.00020	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
Bromobenzene [108-86-1] ^	0.00026	U	mg/kg dry	1	0.00026	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
Bromochloromethane [74-97-5] ^	0.00048	U	mg/kg dry	1	0.00048	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
Bromodichloromethane [75-27-4] ^	0.00028	U	mg/kg dry	1	0.00028	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
Bromoform [75-25-2] ^	0.00052	U	mg/kg dry	1	0.00052	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
Bromomethane [74-83-9] ^	0.00027	U	mg/kg dry	1	0.00027	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
Carbon disulfide [75-15-0] ^	0.00045	U	mg/kg dry	1	0.00045	0.0058	1C12002	EPA 8260B	03/12/11 15:59	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00026	U	mg/kg dry	1	0.00026	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
Chlorobenzene [108-90-7] ^	0.00020	U	mg/kg dry	1	0.00020	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
Chloroethane [75-00-3] ^	0.00029	U	mg/kg dry	1	0.00029	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
Chloroform [67-66-3] ^	0.00020	U	mg/kg dry	1	0.00020	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
Chloromethane [74-87-3] ^	0.00017	U	mg/kg dry	1	0.00017	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00027	U	mg/kg dry	1	0.00027	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00015	U	mg/kg dry	1	0.00015	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
Dibromochloromethane [124-48-1] ^	0.00041	U	mg/kg dry	1	0.00041	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
Dibromomethane [74-95-3] ^	0.00036	U	mg/kg dry	1	0.00036	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00052	U	mg/kg dry	1	0.00052	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
Ethylbenzene [100-41-4] ^	0.00023	U	mg/kg dry	1	0.00023	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00041	U	mg/kg dry	1	0.00041	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
Isopropylbenzene [98-82-8] ^	0.00017	U	mg/kg dry	1	0.00017	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00043	U	mg/kg dry	1	0.00043	0.0023	1C12002	EPA 8260B	03/12/11 15:59	JKG	
Methylene Chloride [75-09-2] ^	0.00065	U	mg/kg dry	1	0.00065	0.0023	1C12002	EPA 8260B	03/12/11 15:59	JKG	

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Description: SP-29 ESW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-13
Sampled: 03/08/11 09:45
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 86.2

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00035	U	mg/kg dry	1	0.00035	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
Naphthalene [91-20-3] ^	0.00028	U	mg/kg dry	1	0.00028	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
n-Butyl Benzene [104-51-8] ^	0.00026	U	mg/kg dry	1	0.00026	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
n-Propyl Benzene [103-65-1] ^	0.00021	U	mg/kg dry	1	0.00021	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
o-Xylene [95-47-6] ^	0.00026	U	mg/kg dry	1	0.00026	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
sec-Butylbenzene [135-98-8] ^	0.00026	U	mg/kg dry	1	0.00026	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
Styrene [100-42-5] ^	0.00020	U	mg/kg dry	1	0.00020	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
tert-Butylbenzene [98-06-6] ^	0.00019	U	mg/kg dry	1	0.00019	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
Tetrachloroethene [127-18-4] ^	0.00032	U	mg/kg dry	1	0.00032	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
Toluene [108-88-3] ^	0.00023	U	mg/kg dry	1	0.00023	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00043	U	mg/kg dry	1	0.00043	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00045	U	mg/kg dry	1	0.00045	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
Trichloroethene [79-01-6] ^	0.00031	U	mg/kg dry	1	0.00031	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00030	U	mg/kg dry	1	0.00030	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
Vinyl chloride [75-01-4] ^	0.00028	U	mg/kg dry	1	0.00028	0.0012	1C12002	EPA 8260B	03/12/11 15:59	JKG	
Xylenes (Total) [1330-20-7] ^	0.00065	U	mg/kg dry	1	0.00065	0.0035	1C12002	EPA 8260B	03/12/11 15:59	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*48*	*1*	*50.0*	*95 %*	*61-118*	*1C12002*	*EPA 8260B*	*03/12/11 15:59*	*JKG*	
Dibromofluoromethane	*44*	*1*	*50.0*	*89 %*	*66-114*	*1C12002*	*EPA 8260B*	*03/12/11 15:59*	*JKG*	
Toluene-d8	*48*	*1*	*50.0*	*96 %*	*63-118*	*1C12002*	*EPA 8260B*	*03/12/11 15:59*	*JKG*	

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Description: SP-29 ESW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-13
Sampled: 03/08/11 09:45
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 86.2

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
1,2-Dichlorobenzene [95-50-1] ^	0.027	U	mg/kg dry	1	0.027	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
1,3-Dichlorobenzene [541-73-1] ^	0.023	U	mg/kg dry	1	0.023	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
1,4-Dichlorobenzene [106-46-7] ^	0.024	U	mg/kg dry	1	0.024	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
1-Methylnaphthalene [90-12-0] ^	**0.051**	J	mg/kg dry	1	0.031	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
2,4,5-Trichlorophenol [95-95-4] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
2,4-Dichlorophenol [120-83-2] ^	0.028	U	mg/kg dry	1	0.028	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
2,4-Dimethylphenol [105-67-9] ^	0.050	U	mg/kg dry	1	0.050	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
2,4-Dinitrophenol [51-28-5] ^	0.050	U	mg/kg dry	1	0.050	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
2,4-Dinitrotoluene [121-14-2] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
2,6-Dinitrotoluene [606-20-2] ^	0.036	U	mg/kg dry	1	0.036	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
2-Chloronaphthalene [91-58-7] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
2-Chlorophenol [95-57-8] ^	0.029	U	mg/kg dry	1	0.029	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
2-Methylnaphthalene [91-57-6] ^	**0.097**	J	mg/kg dry	1	0.032	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
2-Methylphenol [95-48-7] ^	0.029	U	mg/kg dry	1	0.029	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
2-Nitroaniline [88-74-4] ^	0.035	U	mg/kg dry	1	0.035	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
2-Nitrophenol [88-75-5] ^	0.036	U	mg/kg dry	1	0.036	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	0.11	U	mg/kg dry	1	0.11	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
3-Nitroaniline [99-09-2] ^	0.042	U	mg/kg dry	1	0.042	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
4-Chloroaniline [106-47-8] ^	0.11	U	mg/kg dry	1	0.11	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
4-Nitroaniline [100-01-6] ^	0.061	U	mg/kg dry	1	0.061	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
4-Nitrophenol [100-02-7]	0.036	U	mg/kg dry	1	0.036	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
Acenaphthene [83-32-9] ^	**0.44**		mg/kg dry	1	0.032	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
Acenaphthylene [208-96-8] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
Anthracene [120-12-7] ^	**0.67**		mg/kg dry	1	0.044	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
Benzidine [92-87-5] ^	0.13	U	mg/kg dry	1	0.13	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
Benzo(a)anthracene [56-55-3] ^	**0.89**		mg/kg dry	1	0.032	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
Benzo(a)pyrene [50-32-8] ^	**0.78**		mg/kg dry	1	0.038	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
Benzo(b)fluoranthene [205-99-2] ^	**0.95**		mg/kg dry	1	0.021	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	**0.36**	J	mg/kg dry	1	0.055	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
Benzo(k)fluoranthene [207-08-9] ^	**0.43**		mg/kg dry	1	0.038	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
Benzoic acid [65-85-0] ^	0.17	U	mg/kg dry	1	0.17	2.0	1C16008	EPA 8270D	03/17/11 17:09	DFM	
Benzyl alcohol [100-51-6] ^	0.027	U	mg/kg dry	1	0.027	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	0.029	U	mg/kg dry	1	0.029	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	0.050	U	mg/kg dry	1	0.050	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] ^	0.028	U	mg/kg dry	1	0.028	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	0.041	U	mg/kg dry	1	0.041	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
Butylbenzylphthalate [85-68-7] ^	0.046	U	mg/kg dry	1	0.046	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
Chrysene [218-01-9] ^	**0.83**		mg/kg dry	1	0.035	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	**0.11**	J	mg/kg dry	1	0.059	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
Dibenzofuran [132-64-9] ^	0.031	U	mg/kg dry	1	0.031	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
Diethylphthalate [84-66-2] ^	0.032	U	mg/kg dry	1	0.032	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
Dimethylphthalate [131-11-3] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
Di-n-butylphthalate [84-74-2] ^	0.048	U	mg/kg dry	1	0.048	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
Di-n-octylphthalate [117-84-0] ^	0.038	U	mg/kg dry	1	0.038	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	

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Project: Point Harbour Site

Lab Sample ID: C102268-13
Sampled: 03/08/11 09:45
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Received: 03/08/11 13:00
Work Order: C102268
% Solids: 86.2

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	**1.8**		mg/kg dry	1	0.042	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
Fluorene [86-73-7] ^	**0.39**		mg/kg dry	1	0.034	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
Hexachlorobenzene [118-74-1] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
Hexachlorobutadiene [87-68-3] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	0.045	U	mg/kg dry	1	0.045	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
Hexachloroethane [67-72-1] ^	0.024	U	mg/kg dry	1	0.024	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	**0.36**	J	mg/kg dry	1	0.055	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
Isophorone [78-59-1] ^	0.035	U	mg/kg dry	1	0.035	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
Naphthalene [91-20-3] ^	**0.41**		mg/kg dry	1	0.032	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
Nitrobenzene [98-95-3] ^	0.030	U	mg/kg dry	1	0.030	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
N-Nitrosodimethylamine [62-75-9] ^	0.024	U	mg/kg dry	1	0.024	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	0.094	U	mg/kg dry	1	0.094	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	0.063	U	mg/kg dry	1	0.063	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
Pentachlorophenol [87-86-5]	0.038	U	mg/kg dry	1	0.038	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	QV-01
Phenanthrene [85-01-8] ^	**2.0**		mg/kg dry	1	0.031	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
Phenol [108-95-2] ^	0.026	U	mg/kg dry	1	0.026	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
Pyrene [129-00-0] ^	**1.5**		mg/kg dry	1	0.044	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	
Pyridine [110-86-1] ^	0.095	U	mg/kg dry	1	0.095	0.38	1C16008	EPA 8270D	03/17/11 17:09	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*3.7*	*1*	*3.87*	*97 %*	*28-130*	*1C16008*	*EPA 8270D*	*03/17/11 17:09*	*DFM*	
2-Fluorobiphenyl	*1.8*	*1*	*1.93*	*92 %*	*56-120*	*1C16008*	*EPA 8270D*	*03/17/11 17:09*	*DFM*	
2-Fluorophenol	*2.7*	*1*	*3.87*	*70 %*	*49-126*	*1C16008*	*EPA 8270D*	*03/17/11 17:09*	*DFM*	
Nitrobenzene-d5	*1.6*	*1*	*1.93*	*81 %*	*50-117*	*1C16008*	*EPA 8270D*	*03/17/11 17:09*	*DFM*	
Phenol-d5	*3.1*	*1*	*3.87*	*80 %*	*56-120*	*1C16008*	*EPA 8270D*	*03/17/11 17:09*	*DFM*	
Terphenyl-d14	*1.8*	*1*	*1.93*	*94 %*	*36-151*	*1C16008*	*EPA 8270D*	*03/17/11 17:09*	*DFM*	

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Organochlorine Pesticides by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8] ^	0.00037	U	mg/kg dry	1	0.00037	0.0020	1C17033	EPA 8081B	03/21/11 14:32	MSZ	
4,4'-DDE [72-55-9] ^	0.00048	U	mg/kg dry	1	0.00048	0.0020	1C17033	EPA 8081B	03/21/11 14:32	MSZ	
4,4'-DDT [50-29-3] ^	0.00060	U	mg/kg dry	1	0.00060	0.0020	1C17033	EPA 8081B	03/21/11 14:32	MSZ	
Aldrin [309-00-2] ^	0.00042	U	mg/kg dry	1	0.00042	0.0020	1C17033	EPA 8081B	03/21/11 14:32	MSZ	
alpha-BHC [319-84-6] ^	0.00057	U	mg/kg dry	1	0.00057	0.0020	1C17033	EPA 8081B	03/21/11 14:32	MSZ	
beta-BHC [319-85-7] ^	0.00082	U	mg/kg dry	1	0.00082	0.0020	1C17033	EPA 8081B	03/21/11 14:32	MSZ	
Chlordane (tech) [12789-03-6] ^	0.0013	U	mg/kg dry	1	0.0013	0.038	1C17033	EPA 8081B	03/21/11 14:32	MSZ	
Chlordane-alpha [5103-71-9] ^	0.00053	U	mg/kg dry	1	0.00053	0.0020	1C17033	EPA 8081B	03/21/11 14:32	MSZ	
Chlordane-gamma [5566-34-7] ^	0.00070	U	mg/kg dry	1	0.00070	0.0020	1C17033	EPA 8081B	03/21/11 14:32	MSZ	
delta-BHC [319-86-8] ^	0.00035	U	mg/kg dry	1	0.00035	0.0020	1C17033	EPA 8081B	03/21/11 14:32	MSZ	
Dieldrin [60-57-1] ^	0.00037	U	mg/kg dry	1	0.00037	0.0020	1C17033	EPA 8081B	03/21/11 14:32	MSZ	
Endosulfan I [959-98-8] ^	0.00048	U	mg/kg dry	1	0.00048	0.0020	1C17033	EPA 8081B	03/21/11 14:32	MSZ	
Endosulfan II [33213-65-9] ^	0.00045	U	mg/kg dry	1	0.00045	0.0020	1C17033	EPA 8081B	03/21/11 14:32	MSZ	
Endosulfan sulfate [1031-07-8] ^	0.00056	U	mg/kg dry	1	0.00056	0.0020	1C17033	EPA 8081B	03/21/11 14:32	MSZ	
Endrin [72-20-8] ^	0.00045	U	mg/kg dry	1	0.00045	0.0020	1C17033	EPA 8081B	03/21/11 14:32	MSZ	
Endrin aldehyde [7421-93-4] ^	0.00039	U	mg/kg dry	1	0.00039	0.0020	1C17033	EPA 8081B	03/21/11 14:32	MSZ	
Endrin ketone [53494-70-5] ^	0.00035	U	mg/kg dry	1	0.00035	0.0020	1C17033	EPA 8081B	03/21/11 14:32	MSZ	
gamma-BHC [58-89-9] ^	0.00049	U	mg/kg dry	1	0.00049	0.0020	1C17033	EPA 8081B	03/21/11 14:32	MSZ	
Heptachlor [76-44-8] ^	0.00053	U	mg/kg dry	1	0.00053	0.0020	1C17033	EPA 8081B	03/21/11 14:32	MSZ	
Heptachlor epoxide [1024-57-3] ^	0.00050	U	mg/kg dry	1	0.00050	0.0020	1C17033	EPA 8081B	03/21/11 14:32	MSZ	
Isodrin [465-73-6] ^	0.00042	U	mg/kg dry	1	0.00042	0.0020	1C17033	EPA 8081B	03/21/11 14:32	MSZ	
Methoxychlor [72-43-5] ^	0.00049	U	mg/kg dry	1	0.00049	0.0020	1C17033	EPA 8081B	03/21/11 14:32	MSZ	
Mirex [2385-85-5] ^	0.00065	U	mg/kg dry	1	0.00065	0.0020	1C17033	EPA 8081B	03/21/11 14:32	MSZ	
Toxaphene [8001-35-2] ^	0.012	U	mg/kg dry	1	0.012	0.020	1C17033	EPA 8081B	03/21/11 14:32	MSZ	

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Description: SP-29 ESW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-13
Sampled: 03/08/11 09:45
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 86.2

Polychlorinated Biphenyls by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
PCB-1016/1242 [12674-11-2/53469-21-9] ^	0.0088	U	mg/kg dry	1	0.0088	0.020	1C17034	EPA 8082A	03/21/11 14:32	MSZ	
PCB-1221 [11104-28-2] ^	0.0060	U	mg/kg dry	1	0.0060	0.020	1C17034	EPA 8082A	03/21/11 14:32	MSZ	
PCB-1232 [11141-16-5] ^	0.0060	U	mg/kg dry	1	0.0060	0.020	1C17034	EPA 8082A	03/21/11 14:32	MSZ	
PCB-1248 [12672-29-6] ^	0.0060	U	mg/kg dry	1	0.0060	0.020	1C17034	EPA 8082A	03/21/11 14:32	MSZ	
PCB-1254 [11097-69-1] ^	0.0060	U	mg/kg dry	1	0.0060	0.020	1C17034	EPA 8082A	03/21/11 14:32	MSZ	
PCB-1260 [11096-82-5] ^	0.0048	U	mg/kg dry	1	0.0048	0.020	1C17034	EPA 8082A	03/21/11 14:32	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,5,6-TCMX	*0.039*	*1*	*0.0387*	*100 %*	*44-168*	*1C17034*	*EPA 8082A*	*03/21/11 14:32*	*MSZ*	
Decachlorobiphenyl	*0.050*	*1*	*0.0387*	*130 %*	*51-154*	*1C17034*	*EPA 8082A*	*03/21/11 14:32*	*MSZ*	

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Description:	SP-29 ESW	**Lab Sample ID:**	C102268-13	**Received:**	03/08/11 13:00
Matrix:	Soil	**Sampled:**	03/08/11 09:45	**Work Order:**	C102268
Project:	Point Harbour Site	**Sampled By:**	Michael Sabodish	**% Solids:**	86.2

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	**1.21**	B	mg/kg dry	1	0.116	0.580	1C09009	EPA 6010C	03/10/11 12:11	JDH	QB-01
Lead [7439-92-1] ^	**2.34**		mg/kg dry	1	0.139	0.580	1C09009	EPA 6010C	03/10/11 12:11	JDH	

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Description:	SP-29 ESW	**Lab Sample ID:**	C102268-13	**Received:**	03/08/11 13:00
Matrix:	Soil	**Sampled:**	03/08/11 09:45	**Work Order:**	C102268
Project:	Point Harbour Site	**Sampled By:**	Michael Sabodish	**% Solids:**	86.2

Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM) [C-0007] ^	**258**		mg/kg dry	1	58.0	58.0	1C14013	EPA 9071B	03/16/11 15:00	MJF	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SP-29 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-14
Sampled: 03/08/11 09:45
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 84.5

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.018	UD	mg/kg dry	93.1	0.018	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
1,1,1-Trichloroethane [71-55-6] ^	0.020	UD	mg/kg dry	93.1	0.020	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.022	UD	mg/kg dry	93.1	0.022	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
1,1,2-Trichloroethane [79-00-5] ^	0.025	UD	mg/kg dry	93.1	0.025	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
1,1-Dichloroethane [75-34-3] ^	0.028	UD	mg/kg dry	93.1	0.028	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
1,1-Dichloroethene [75-35-4] ^	0.033	UD	mg/kg dry	93.1	0.033	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
1,1-Dichloropropene [563-58-6] ^	0.035	UD	mg/kg dry	93.1	0.035	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
1,2,3-Trichlorobenzene [87-61-6] ^	0.023	UD	mg/kg dry	93.1	0.023	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
1,2,3-Trichloropropane [96-18-4] ^	0.037	UD	mg/kg dry	93.1	0.037	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
1,2,4-Trichlorobenzene [120-82-1] ^	0.030	UD	mg/kg dry	93.1	0.030	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
1,2,4-Trimethylbenzene [95-63-6] ^	0.019	UD	mg/kg dry	93.1	0.019	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.087	UD	mg/kg dry	93.1	0.087	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
1,2-Dibromoethane [106-93-4] ^	0.051	UD	mg/kg dry	93.1	0.051	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
1,2-Dichlorobenzene [95-50-1] ^	0.030	UD	mg/kg dry	93.1	0.030	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
1,2-Dichloroethane [107-06-2] ^	0.042	UD	mg/kg dry	93.1	0.042	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
1,2-Dichloropropane [78-87-5] ^	0.029	UD	mg/kg dry	93.1	0.029	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
1,3,5-Trimethylbenzene [108-67-8] ^	0.022	UD	mg/kg dry	93.1	0.022	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
1,3-Dichlorobenzene [541-73-1] ^	0.024	UD	mg/kg dry	93.1	0.024	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
1,3-Dichloropropane [142-28-9] ^	0.032	UD	mg/kg dry	93.1	0.032	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
1,4-Dichlorobenzene [106-46-7] ^	0.022	UD	mg/kg dry	93.1	0.022	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
2,2-Dichloropropane [594-20-7] ^	0.025	UD	mg/kg dry	93.1	0.025	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
2-Butanone [78-93-3] ^	0.086	UD	mg/kg dry	93.1	0.086	0.55	1C11009	EPA 8260B	03/11/11 15:39	jkg	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.054	UD	mg/kg dry	93.1	0.054	0.55	1C11009	EPA 8260B	03/11/11 15:39	jkg	
2-Chlorotoluene [95-49-8] ^	0.020	UD	mg/kg dry	93.1	0.020	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
2-Hexanone [591-78-6] ^	0.083	UD	mg/kg dry	93.1	0.083	0.55	1C11009	EPA 8260B	03/11/11 15:39	jkg	
4-Chlorotoluene [106-43-4] ^	0.029	UD	mg/kg dry	93.1	0.029	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
4-Isopropyltoluene [99-87-6] ^	0.018	UD	mg/kg dry	93.1	0.018	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
4-Methyl-2-pentanone [108-10-1] ^	0.063	UD	mg/kg dry	93.1	0.063	0.55	1C11009	EPA 8260B	03/11/11 15:39	jkg	
Acetone [67-64-1] ^	0.13	UD	mg/kg dry	93.1	0.13	0.55	1C11009	EPA 8260B	03/11/11 15:39	jkg	
Benzene [71-43-2] ^	0.019	UD	mg/kg dry	93.1	0.019	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
Bromobenzene [108-86-1] ^	0.024	UD	mg/kg dry	93.1	0.024	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
Bromochloromethane [74-97-5] ^	0.045	UD	mg/kg dry	93.1	0.045	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
Bromodichloromethane [75-27-4] ^	0.026	UD	mg/kg dry	93.1	0.026	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
Bromoform [75-25-2] ^	0.050	UD	mg/kg dry	93.1	0.050	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
Bromomethane [74-83-9] ^	0.025	UD	mg/kg dry	93.1	0.025	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
Carbon disulfide [75-15-0] ^	0.043	UD	mg/kg dry	93.1	0.043	0.55	1C11009	EPA 8260B	03/11/11 15:39	jkg	
Carbon Tetrachloride [56-23-5] ^	0.024	UD	mg/kg dry	93.1	0.024	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
Chlorobenzene [108-90-7] ^	0.019	UD	mg/kg dry	93.1	0.019	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
Chloroethane [75-00-3] ^	0.028	UD	mg/kg dry	93.1	0.028	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
Chloroform [67-66-3] ^	0.019	UD	mg/kg dry	93.1	0.019	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
Chloromethane [74-87-3] ^	0.017	UD	mg/kg dry	93.1	0.017	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
cis-1,2-Dichloroethene [156-59-2] ^	0.025	UD	mg/kg dry	93.1	0.025	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
cis-1,3-Dichloropropene [10061-01-5] ^	0.014	UD	mg/kg dry	93.1	0.014	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
Dibromochloromethane [124-48-1] ^	0.039	UD	mg/kg dry	93.1	0.039	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
Dibromomethane [74-95-3] ^	0.034	UD	mg/kg dry	93.1	0.034	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
Dichlorodifluoromethane [75-71-8] ^	0.050	UD	mg/kg dry	93.1	0.050	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
Ethylbenzene [100-41-4] ^	0.022	UD	mg/kg dry	93.1	0.022	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
Hexachlorobutadiene [87-68-3] ^	0.039	UD	mg/kg dry	93.1	0.039	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
Isopropylbenzene [98-82-8] ^	**0.55**	D	mg/kg dry	93.1	0.017	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
m,p-Xylenes [108-38-3/106-42-3] ^	0.041	UD	mg/kg dry	93.1	0.041	0.22	1C11009	EPA 8260B	03/11/11 15:39	jkg	
Methylene Chloride [75-09-2] ^	0.062	UD	mg/kg dry	93.1	0.062	0.22	1C11009	EPA 8260B	03/11/11 15:39	jkg	

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Description: SP-29 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-14
Sampled: 03/08/11 09:45
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 84.5

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.033	UD	mg/kg dry	93.1	0.033	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
Naphthalene [91-20-3] ^	0.026	UD	mg/kg dry	93.1	0.026	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
n-Butyl Benzene [104-51-8] ^	**1.8**	D	mg/kg dry	93.1	0.024	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
n-Propyl Benzene [103-65-1] ^	**0.39**	D	mg/kg dry	93.1	0.020	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
o-Xylene [95-47-6] ^	0.024	UD	mg/kg dry	93.1	0.024	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
sec-Butylbenzene [135-98-8] ^	**1.8**	D	mg/kg dry	93.1	0.024	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
Styrene [100-42-5] ^	0.019	UD	mg/kg dry	93.1	0.019	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
tert-Butylbenzene [98-06-6] ^	0.018	UD	mg/kg dry	93.1	0.018	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
Tetrachloroethene [127-18-4] ^	0.031	UD	mg/kg dry	93.1	0.031	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
Toluene [108-88-3] ^	0.022	UD	mg/kg dry	93.1	0.022	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
trans-1,2-Dichloroethene [156-60-5] ^	0.041	UD	mg/kg dry	93.1	0.041	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
trans-1,3-Dichloropropene [10061-02-6] ^	0.043	UD	mg/kg dry	93.1	0.043	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
Trichloroethene [79-01-6] ^	0.030	UD	mg/kg dry	93.1	0.030	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
Trichlorofluoromethane [75-69-4] ^	0.029	UD	mg/kg dry	93.1	0.029	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
Vinyl chloride [75-01-4] ^	0.026	UD	mg/kg dry	93.1	0.026	0.11	1C11009	EPA 8260B	03/11/11 15:39	jkg	
Xylenes (Total) [1330-20-7] ^	0.062	UD	mg/kg dry	93.1	0.062	0.33	1C11009	EPA 8260B	03/11/11 15:39	jkg	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*59*	*1*	*50.0*	*118 %*	*61-118*	*1C11009*	*EPA 8260B*	*03/11/11 15:39*	*jkg*	
Dibromofluoromethane	*49*	*1*	*50.0*	*98 %*	*66-114*	*1C11009*	*EPA 8260B*	*03/11/11 15:39*	*jkg*	
Toluene-d8	*53*	*1*	*50.0*	*106 %*	*63-118*	*1C11009*	*EPA 8260B*	*03/11/11 15:39*	*jkg*	

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Description: SP-29 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-14
Sampled: 03/08/11 09:45
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 84.5

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	0.15	UD	mg/kg dry	5	0.15	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
1,2-Dichlorobenzene [95-50-1] ^	0.14	UD	mg/kg dry	5	0.14	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
1,3-Dichlorobenzene [541-73-1] ^	0.12	UD	mg/kg dry	5	0.12	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
1,4-Dichlorobenzene [106-46-7] ^	0.12	UD	mg/kg dry	5	0.12	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
1-Methylnaphthalene [90-12-0] ^	**0.59**	JD	mg/kg dry	5	0.16	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
2,4,5-Trichlorophenol [95-95-4] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
2,4,6-Trichlorophenol [88-06-2] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
2,4-Dichlorophenol [120-83-2] ^	0.14	UD	mg/kg dry	5	0.14	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
2,4-Dimethylphenol [105-67-9] ^	0.25	UD	mg/kg dry	5	0.25	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
2,4-Dinitrophenol [51-28-5] ^	0.25	UD	mg/kg dry	5	0.25	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
2,4-Dinitrotoluene [121-14-2] ^	0.17	UD	mg/kg dry	5	0.17	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
2,6-Dinitrotoluene [606-20-2] ^	0.18	UD	mg/kg dry	5	0.18	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
2-Chloronaphthalene [91-58-7] ^	0.17	UD	mg/kg dry	5	0.17	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
2-Chlorophenol [95-57-8] ^	0.15	UD	mg/kg dry	5	0.15	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
2-Methyl-4,6-dinitrophenol [534-52-1] ^	0.20	UD	mg/kg dry	5	0.20	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
2-Methylnaphthalene [91-57-6] ^	**0.62**	JD	mg/kg dry	5	0.17	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
2-Methylphenol [95-48-7] ^	0.15	UD	mg/kg dry	5	0.15	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
2-Nitroaniline [88-74-4] ^	0.18	UD	mg/kg dry	5	0.18	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
2-Nitrophenol [88-75-5] ^	0.18	UD	mg/kg dry	5	0.18	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.15	UD	mg/kg dry	5	0.15	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
3,3'-Dichlorobenzidine [91-94-1] ^	0.58	UD	mg/kg dry	5	0.58	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
3-Nitroaniline [99-09-2] ^	0.21	UD	mg/kg dry	5	0.21	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
4-Bromophenyl-phenylether [101-55-3] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
4-Chloro-3-methylphenol [59-50-7] ^	0.20	UD	mg/kg dry	5	0.20	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
4-Chloroaniline [106-47-8] ^	0.55	UD	mg/kg dry	5	0.55	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
4-Chlorophenyl-phenylether [7005-72-3] ^	0.15	UD	mg/kg dry	5	0.15	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
4-Nitroaniline [100-01-6] ^	0.31	UD	mg/kg dry	5	0.31	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
4-Nitrophenol [100-02-7]	0.18	UD	mg/kg dry	5	0.18	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
Acenaphthene [83-32-9] ^	**0.61**	JD	mg/kg dry	5	0.17	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
Acenaphthylene [208-96-8] ^	0.17	UD	mg/kg dry	5	0.17	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
Anthracene [120-12-7] ^	0.22	UD	mg/kg dry	5	0.22	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
Benzidine [92-87-5] ^	0.65	UD	mg/kg dry	5	0.65	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	QV-01, R-05
Benzo(a)anthracene [56-55-3] ^	**0.68**	JD	mg/kg dry	5	0.17	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
Benzo(a)pyrene [50-32-8] ^	**1.0**	JD	mg/kg dry	5	0.20	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
Benzo(b)fluoranthene [205-99-2] ^	**1.3**	JD	mg/kg dry	5	0.11	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
Benzo(g,h,i)perylene [191-24-2] ^	**0.86**	JD	mg/kg dry	5	0.28	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
Benzo(k)fluoranthene [207-08-9] ^	**0.63**	JD	mg/kg dry	5	0.20	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
Benzoic acid [65-85-0] ^	0.89	UD	mg/kg dry	5	0.89	10	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
Benzyl alcohol [100-51-6] ^	0.14	UD	mg/kg dry	5	0.14	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
Bis(2-chloroethoxy)methane [111-91-1] ^	0.15	UD	mg/kg dry	5	0.15	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
Bis(2-chloroethyl)ether [111-44-4] ^	0.25	UD	mg/kg dry	5	0.25	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
Bis(2-chloroisopropyl)ether [108-60-1] ^	0.14	UD	mg/kg dry	5	0.14	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
Bis(2-ethylhexyl)phthalate [117-81-7] ^	0.21	UD	mg/kg dry	5	0.21	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
Butylbenzylphthalate [85-68-7] ^	0.24	UD	mg/kg dry	5	0.24	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
Chrysene [218-01-9] ^	**0.87**	JD	mg/kg dry	5	0.18	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
Dibenzo(a,h)anthracene [53-70-3] ^	0.30	UD	mg/kg dry	5	0.30	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
Dibenzofuran [132-64-9] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
Diethylphthalate [84-66-2] ^	0.17	UD	mg/kg dry	5	0.17	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
Dimethylphthalate [131-11-3] ^	0.20	UD	mg/kg dry	5	0.20	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
Di-n-butylphthalate [84-74-2] ^	0.24	UD	mg/kg dry	5	0.24	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
Di-n-octylphthalate [117-84-0] ^	0.20	UD	mg/kg dry	5	0.20	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05

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Description: SP-29 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-14
Sampled: 03/08/11 09:45
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 84.5

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	**1.7**	JD	mg/kg dry	5	0.21	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
Fluorene [86-73-7] ^	**1.8**	JD	mg/kg dry	5	0.17	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
Hexachlorobenzene [118-74-1] ^	0.15	UD	mg/kg dry	5	0.15	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
Hexachlorobutadiene [87-68-3] ^	0.15	UD	mg/kg dry	5	0.15	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
Hexachlorocyclopentadiene [77-47-4] ^	0.23	UD	mg/kg dry	5	0.23	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
Hexachloroethane [67-72-1] ^	0.12	UD	mg/kg dry	5	0.12	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
Indeno(1,2,3-cd)pyrene [193-39-5] ^	**0.70**	JD	mg/kg dry	5	0.28	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
Isophorone [78-59-1] ^	0.18	UD	mg/kg dry	5	0.18	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
Naphthalene [91-20-3] ^	0.17	UD	mg/kg dry	5	0.17	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
Nitrobenzene [98-95-3] ^	0.15	UD	mg/kg dry	5	0.15	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
N-Nitrosodimethylamine [62-75-9] ^	0.12	UD	mg/kg dry	5	0.12	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
N-Nitroso-di-n-propylamine [621-64-7] ^	0.48	UD	mg/kg dry	5	0.48	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	0.32	UD	mg/kg dry	5	0.32	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
Pentachlorophenol [87-86-5]	0.20	UD	mg/kg dry	5	0.20	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	QV-01, R-05
Phenanthrene [85-01-8] ^	**3.9**	D	mg/kg dry	5	0.16	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
Phenol [108-95-2] ^	0.13	UD	mg/kg dry	5	0.13	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
Pyrene [129-00-0] ^	**1.8**	JD	mg/kg dry	5	0.22	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05
Pyridine [110-86-1] ^	0.49	UD	mg/kg dry	5	0.49	2.0	1C18001	EPA 8270D	03/18/11 23:00	DFM	R-05

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*3.9*	*5*	*3.95*	*98 %*	*28-130*	*1C18001*	*EPA 8270D*	*03/18/11 23:00*	*DFM*	*R-05*
2-Fluorobiphenyl	*2.0*	*5*	*1.97*	*100 %*	*56-120*	*1C18001*	*EPA 8270D*	*03/18/11 23:00*	*DFM*	*R-05*
2-Fluorophenol	*2.5*	*5*	*3.95*	*64 %*	*49-126*	*1C18001*	*EPA 8270D*	*03/18/11 23:00*	*DFM*	*R-05*
Nitrobenzene-d5	*1.8*	*5*	*1.97*	*93 %*	*50-117*	*1C18001*	*EPA 8270D*	*03/18/11 23:00*	*DFM*	*R-05*
Phenol-d5	*3.0*	*5*	*3.95*	*77 %*	*56-120*	*1C18001*	*EPA 8270D*	*03/18/11 23:00*	*DFM*	*R-05*
Terphenyl-d14	*2.1*	*5*	*1.97*	*105 %*	*36-151*	*1C18001*	*EPA 8270D*	*03/18/11 23:00*	*DFM*	*R-05*

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Description: SP-29 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-14
Sampled: 03/08/11 09:45
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 84.5

Organochlorine Pesticides by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8] ^	0.00038	U	mg/kg dry	1	0.00038	0.0020	1C17033	EPA 8081B	03/21/11 14:45	MSZ	
4,4'-DDE [72-55-9] ^	0.00049	U	mg/kg dry	1	0.00049	0.0020	1C17033	EPA 8081B	03/21/11 14:45	MSZ	
4,4'-DDT [50-29-3] ^	0.00062	U	mg/kg dry	1	0.00062	0.0020	1C17033	EPA 8081B	03/21/11 14:45	MSZ	
Aldrin [309-00-2] ^	0.00043	U	mg/kg dry	1	0.00043	0.0020	1C17033	EPA 8081B	03/21/11 14:45	MSZ	
alpha-BHC [319-84-6] ^	0.00058	U	mg/kg dry	1	0.00058	0.0020	1C17033	EPA 8081B	03/21/11 14:45	MSZ	
beta-BHC [319-85-7] ^	0.00084	U	mg/kg dry	1	0.00084	0.0020	1C17033	EPA 8081B	03/21/11 14:45	MSZ	
Chlordane (tech) [12789-03-6] ^	0.0013	U	mg/kg dry	1	0.0013	0.039	1C17033	EPA 8081B	03/21/11 14:45	MSZ	
Chlordane-alpha [5103-71-9] ^	0.00054	U	mg/kg dry	1	0.00054	0.0020	1C17033	EPA 8081B	03/21/11 14:45	MSZ	
Chlordane-gamma [5566-34-7] ^	0.00071	U	mg/kg dry	1	0.00071	0.0020	1C17033	EPA 8081B	03/21/11 14:45	MSZ	
delta-BHC [319-86-8] ^	0.00036	U	mg/kg dry	1	0.00036	0.0020	1C17033	EPA 8081B	03/21/11 14:45	MSZ	
Dieldrin [60-57-1] ^	0.00038	U	mg/kg dry	1	0.00038	0.0020	1C17033	EPA 8081B	03/21/11 14:45	MSZ	
Endosulfan I [959-98-8] ^	0.00049	U	mg/kg dry	1	0.00049	0.0020	1C17033	EPA 8081B	03/21/11 14:45	MSZ	
Endosulfan II [33213-65-9] ^	0.00046	U	mg/kg dry	1	0.00046	0.0020	1C17033	EPA 8081B	03/21/11 14:45	MSZ	
Endosulfan sulfate [1031-07-8] ^	0.00057	U	mg/kg dry	1	0.00057	0.0020	1C17033	EPA 8081B	03/21/11 14:45	MSZ	
Endrin [72-20-8] ^	0.00046	U	mg/kg dry	1	0.00046	0.0020	1C17033	EPA 8081B	03/21/11 14:45	MSZ	
Endrin aldehyde [7421-93-4] ^	0.00040	U	mg/kg dry	1	0.00040	0.0020	1C17033	EPA 8081B	03/21/11 14:45	MSZ	
Endrin ketone [53494-70-5] ^	0.00036	U	mg/kg dry	1	0.00036	0.0020	1C17033	EPA 8081B	03/21/11 14:45	MSZ	
gamma-BHC [58-89-9] ^	0.00050	U	mg/kg dry	1	0.00050	0.0020	1C17033	EPA 8081B	03/21/11 14:45	MSZ	
Heptachlor [76-44-8] ^	0.00054	U	mg/kg dry	1	0.00054	0.0020	1C17033	EPA 8081B	03/21/11 14:45	MSZ	
Heptachlor epoxide [1024-57-3] ^	0.00051	U	mg/kg dry	1	0.00051	0.0020	1C17033	EPA 8081B	03/21/11 14:45	MSZ	
Isodrin [465-73-6] ^	0.00043	U	mg/kg dry	1	0.00043	0.0020	1C17033	EPA 8081B	03/21/11 14:45	MSZ	
Methoxychlor [72-43-5] ^	0.00050	U	mg/kg dry	1	0.00050	0.0020	1C17033	EPA 8081B	03/21/11 14:45	MSZ	
Mirex [2385-85-5] ^	0.00066	U	mg/kg dry	1	0.00066	0.0020	1C17033	EPA 8081B	03/21/11 14:45	MSZ	
Toxaphene [8001-35-2] ^	0.012	U	mg/kg dry	1	0.012	0.020	1C17033	EPA 8081B	03/21/11 14:45	MSZ	

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Description: SP-29 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-14
Sampled: 03/08/11 09:45
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 84.5

Polychlorinated Biphenyls by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
PCB-1016/1242 [12674-11-2/53469-21-9] ^	0.0090	U	mg/kg dry	1	0.0090	0.020	1C17034	EPA 8082A	03/21/11 14:45	MSZ	
PCB-1221 [11104-28-2] ^	0.0062	U	mg/kg dry	1	0.0062	0.020	1C17034	EPA 8082A	03/21/11 14:45	MSZ	
PCB-1232 [11141-16-5] ^	0.0062	U	mg/kg dry	1	0.0062	0.020	1C17034	EPA 8082A	03/21/11 14:45	MSZ	
PCB-1248 [12672-29-6] ^	0.0062	U	mg/kg dry	1	0.0062	0.020	1C17034	EPA 8082A	03/21/11 14:45	MSZ	
PCB-1254 [11097-69-1] ^	0.0062	U	mg/kg dry	1	0.0062	0.020	1C17034	EPA 8082A	03/21/11 14:45	MSZ	
PCB-1260 [11096-82-5] ^	0.0049	U	mg/kg dry	1	0.0049	0.020	1C17034	EPA 8082A	03/21/11 14:45	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,5,6-TCMX	*0.032*	*1*	*0.0395*	*80 %*	*44-168*	*1C17034*	*EPA 8082A*	*03/21/11 14:45*	*MSZ*	
Decachlorobiphenyl	*0.043*	*1*	*0.0395*	*110 %*	*51-154*	*1C17034*	*EPA 8082A*	*03/21/11 14:45*	*MSZ*	

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Description: SP-29 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-14
Sampled: 03/08/11 09:45
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 84.5

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	7.76		mg/kg dry	1	0.118	0.592	1C10015	EPA 6010C	03/11/11 11:21	JDH	
Lead [7439-92-1] ^	31.2		mg/kg dry	1	0.142	0.592	1C10015	EPA 6010C	03/11/11 11:21	JDH	

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Description: SP-29 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-14
Sampled: 03/08/11 09:45
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 84.5

Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM) [C-0007] ^	13200		mg/kg dry	1	59.2	59.2	1C14013	EPA 9071B	03/16/11 15:00	MJF	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SP-29 BASE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-15
Sampled: 03/08/11 09:45
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 70.6

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00023	U	mg/kg dry	1	0.00023	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00025	U	mg/kg dry	1	0.00025	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00028	U	mg/kg dry	1	0.00028	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00033	U	mg/kg dry	1	0.00033	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00035	U	mg/kg dry	1	0.00035	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00042	U	mg/kg dry	1	0.00042	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00045	U	mg/kg dry	1	0.00045	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00030	U	mg/kg dry	1	0.00030	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00048	U	mg/kg dry	1	0.00048	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00038	U	mg/kg dry	1	0.00038	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00024	U	mg/kg dry	1	0.00024	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.0011	U	mg/kg dry	1	0.0011	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00065	U	mg/kg dry	1	0.00065	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00038	U	mg/kg dry	1	0.00038	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00054	U	mg/kg dry	1	0.00054	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00037	U	mg/kg dry	1	0.00037	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00028	U	mg/kg dry	1	0.00028	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00031	U	mg/kg dry	1	0.00031	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00041	U	mg/kg dry	1	0.00041	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00028	U	mg/kg dry	1	0.00028	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00033	U	mg/kg dry	1	0.00033	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
2-Butanone [78-93-3] ^	**0.031**		mg/kg dry	1	0.0011	0.0071	1C12002	EPA 8260B	03/12/11 16:28	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00069	U	mg/kg dry	1	0.00069	0.0071	1C12002	EPA 8260B	03/12/11 16:28	JKG	
2-Chlorotoluene [95-49-8] ^	0.00025	U	mg/kg dry	1	0.00025	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
2-Hexanone [591-78-6] ^	0.0011	U	mg/kg dry	1	0.0011	0.0071	1C12002	EPA 8260B	03/12/11 16:28	JKG	
4-Chlorotoluene [106-43-4] ^	0.00037	U	mg/kg dry	1	0.00037	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
4-Isopropyltoluene [99-87-6] ^	**0.0013**	J	mg/kg dry	1	0.00023	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00081	U	mg/kg dry	1	0.00081	0.0071	1C12002	EPA 8260B	03/12/11 16:28	JKG	
Acetone [67-64-1] ^	**0.15**		mg/kg dry	1	0.0017	0.0071	1C12002	EPA 8260B	03/12/11 16:28	JKG	
Benzene [71-43-2] ^	0.00024	U	mg/kg dry	1	0.00024	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
Bromobenzene [108-86-1] ^	0.00031	U	mg/kg dry	1	0.00031	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
Bromochloromethane [74-97-5] ^	0.00058	U	mg/kg dry	1	0.00058	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
Bromodichloromethane [75-27-4] ^	0.00034	U	mg/kg dry	1	0.00034	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
Bromoform [75-25-2] ^	0.00064	U	mg/kg dry	1	0.00064	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
Bromomethane [74-83-9] ^	0.00033	U	mg/kg dry	1	0.00033	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
Carbon disulfide [75-15-0] ^	0.00055	U	mg/kg dry	1	0.00055	0.0071	1C12002	EPA 8260B	03/12/11 16:28	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00031	U	mg/kg dry	1	0.00031	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
Chlorobenzene [108-90-7] ^	0.00024	U	mg/kg dry	1	0.00024	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
Chloroethane [75-00-3] ^	0.00035	U	mg/kg dry	1	0.00035	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
Chloroform [67-66-3] ^	0.00024	U	mg/kg dry	1	0.00024	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
Chloromethane [74-87-3] ^	0.00021	U	mg/kg dry	1	0.00021	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00033	U	mg/kg dry	1	0.00033	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00018	U	mg/kg dry	1	0.00018	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
Dibromochloromethane [124-48-1] ^	0.00050	U	mg/kg dry	1	0.00050	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
Dibromomethane [74-95-3] ^	0.00044	U	mg/kg dry	1	0.00044	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00064	U	mg/kg dry	1	0.00064	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
Ethylbenzene [100-41-4] ^	0.00028	U	mg/kg dry	1	0.00028	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00050	U	mg/kg dry	1	0.00050	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
Isopropylbenzene [98-82-8] ^	0.00021	U	mg/kg dry	1	0.00021	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00052	U	mg/kg dry	1	0.00052	0.0028	1C12002	EPA 8260B	03/12/11 16:28	JKG	
Methylene Chloride [75-09-2] ^	0.00079	U	mg/kg dry	1	0.00079	0.0028	1C12002	EPA 8260B	03/12/11 16:28	JKG	

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Description: SP-29 BASE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-15
Sampled: 03/08/11 09:45
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 70.6

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00042	U	mg/kg dry	1	0.00042	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
Naphthalene [91-20-3] ^	0.00034	U	mg/kg dry	1	0.00034	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
n-Butyl Benzene [104-51-8] ^	**0.0018**		mg/kg dry	1	0.00031	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
n-Propyl Benzene [103-65-1] ^	0.00025	U	mg/kg dry	1	0.00025	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
o-Xylene [95-47-6] ^	0.00031	U	mg/kg dry	1	0.00031	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
sec-Butylbenzene [135-98-8] ^	**0.0015**		mg/kg dry	1	0.00031	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
Styrene [100-42-5] ^	0.00024	U	mg/kg dry	1	0.00024	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
tert-Butylbenzene [98-06-6] ^	0.00023	U	mg/kg dry	1	0.00023	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
Tetrachloroethene [127-18-4] ^	0.00040	U	mg/kg dry	1	0.00040	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
Toluene [108-88-3] ^	0.00028	U	mg/kg dry	1	0.00028	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00052	U	mg/kg dry	1	0.00052	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00055	U	mg/kg dry	1	0.00055	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
Trichloroethene [79-01-6] ^	0.00038	U	mg/kg dry	1	0.00038	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00037	U	mg/kg dry	1	0.00037	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
Vinyl chloride [75-01-4] ^	0.00034	U	mg/kg dry	1	0.00034	0.0014	1C12002	EPA 8260B	03/12/11 16:28	JKG	
Xylenes (Total) [1330-20-7] ^	0.00079	U	mg/kg dry	1	0.00079	0.0042	1C12002	EPA 8260B	03/12/11 16:28	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*51*	*1*	*50.0*	*102 %*	*61-118*	*1C12002*	*EPA 8260B*	*03/12/11 16:28*	*JKG*	
Dibromofluoromethane	*45*	*1*	*50.0*	*91 %*	*66-114*	*1C12002*	*EPA 8260B*	*03/12/11 16:28*	*JKG*	
Toluene-d8	*48*	*1*	*50.0*	*95 %*	*63-118*	*1C12002*	*EPA 8260B*	*03/12/11 16:28*	*JKG*	

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Description: SP-29 BASE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-15
Sampled: 03/08/11 09:45
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 70.6

Organochlorine Pesticides by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8] ^	0.00045	U	mg/kg dry	1	0.00045	0.0024	1C16022	EPA 8081B	03/17/11 16:28	MSZ	
4,4'-DDE [72-55-9] ^	0.00058	U	mg/kg dry	1	0.00058	0.0024	1C16022	EPA 8081B	03/17/11 16:28	MSZ	
4,4'-DDT [50-29-3] ^	0.00074	U	mg/kg dry	1	0.00074	0.0024	1C16022	EPA 8081B	03/17/11 16:28	MSZ	
Aldrin [309-00-2] ^	0.00051	U	mg/kg dry	1	0.00051	0.0024	1C16022	EPA 8081B	03/17/11 16:28	MSZ	
alpha-BHC [319-84-6] ^	0.00069	U	mg/kg dry	1	0.00069	0.0024	1C16022	EPA 8081B	03/17/11 16:28	MSZ	
beta-BHC [319-85-7] ^	0.0010	U	mg/kg dry	1	0.0010	0.0024	1C16022	EPA 8081B	03/17/11 16:28	MSZ	
Chlordane (tech) [12789-03-6] ^	0.0016	U	mg/kg dry	1	0.0016	0.047	1C16022	EPA 8081B	03/17/11 16:28	MSZ	
Chlordane-alpha [5103-71-9] ^	0.00065	U	mg/kg dry	1	0.00065	0.0024	1C16022	EPA 8081B	03/17/11 16:28	MSZ	
Chlordane-gamma [5566-34-7] ^	0.00085	U	mg/kg dry	1	0.00085	0.0024	1C16022	EPA 8081B	03/17/11 16:28	MSZ	
delta-BHC [319-86-8] ^	0.00042	U	mg/kg dry	1	0.00042	0.0024	1C16022	EPA 8081B	03/17/11 16:28	MSZ	
Dieldrin [60-57-1] ^	0.00045	U	mg/kg dry	1	0.00045	0.0024	1C16022	EPA 8081B	03/17/11 16:28	MSZ	
Endosulfan I [959-98-8] ^	0.00058	U	mg/kg dry	1	0.00058	0.0024	1C16022	EPA 8081B	03/17/11 16:28	MSZ	
Endosulfan II [33213-65-9] ^	0.00055	U	mg/kg dry	1	0.00055	0.0024	1C16022	EPA 8081B	03/17/11 16:28	MSZ	
Endosulfan sulfate [1031-07-8] ^	0.00068	U	mg/kg dry	1	0.00068	0.0024	1C16022	EPA 8081B	03/17/11 16:28	MSZ	
Endrin [72-20-8] ^	0.00055	U	mg/kg dry	1	0.00055	0.0024	1C16022	EPA 8081B	03/17/11 16:28	MSZ	
Endrin aldehyde [7421-93-4] ^	0.00048	U	mg/kg dry	1	0.00048	0.0024	1C16022	EPA 8081B	03/17/11 16:28	MSZ	
Endrin ketone [53494-70-5] ^	0.00042	U	mg/kg dry	1	0.00042	0.0024	1C16022	EPA 8081B	03/17/11 16:28	MSZ	
gamma-BHC [58-89-9] ^	0.00059	U	mg/kg dry	1	0.00059	0.0024	1C16022	EPA 8081B	03/17/11 16:28	MSZ	
Heptachlor [76-44-8] ^	0.00065	U	mg/kg dry	1	0.00065	0.0024	1C16022	EPA 8081B	03/17/11 16:28	MSZ	
Heptachlor epoxide [1024-57-3] ^	0.00061	U	mg/kg dry	1	0.00061	0.0024	1C16022	EPA 8081B	03/17/11 16:28	MSZ	
Isodrin [465-73-6] ^	0.00051	U	mg/kg dry	1	0.00051	0.0024	1C16022	EPA 8081B	03/17/11 16:28	MSZ	
Methoxychlor [72-43-5] ^	0.00059	U	mg/kg dry	1	0.00059	0.0024	1C16022	EPA 8081B	03/17/11 16:28	MSZ	
Mirex [2385-85-5] ^	0.00079	U	mg/kg dry	1	0.00079	0.0024	1C16022	EPA 8081B	03/17/11 16:28	MSZ	
Toxaphene [8001-35-2] ^	0.014	U	mg/kg dry	1	0.014	0.024	1C16022	EPA 8081B	03/17/11 16:28	MSZ	

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Lab Sample ID: C102268-15
Sampled: 03/08/11 09:45
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 70.6

Polychlorinated Biphenyls by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
PCB-1016/1242 [12674-11-2/53469-21-9] ^	0.011	U	mg/kg dry	1	0.011	0.024	1C16024	EPA 8082A	03/17/11 16:28	MSZ	
PCB-1221 [11104-28-2] ^	0.0074	U	mg/kg dry	1	0.0074	0.024	1C16024	EPA 8082A	03/17/11 16:28	MSZ	
PCB-1232 [11141-16-5] ^	0.0074	U	mg/kg dry	1	0.0074	0.024	1C16024	EPA 8082A	03/17/11 16:28	MSZ	
PCB-1248 [12672-29-6] ^	0.0074	U	mg/kg dry	1	0.0074	0.024	1C16024	EPA 8082A	03/17/11 16:28	MSZ	
PCB-1254 [11097-69-1] ^	0.0074	U	mg/kg dry	1	0.0074	0.024	1C16024	EPA 8082A	03/17/11 16:28	MSZ	
PCB-1260 [11096-82-5] ^	0.0058	U	mg/kg dry	1	0.0058	0.024	1C16024	EPA 8082A	03/17/11 16:28	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,5,6-TCMX	*0.033*	*1*	*0.0472*	*70 %*	*44-168*	*1C16024*	*EPA 8082A*	*03/17/11 16:28*	*MSZ*	
Decachlorobiphenyl	*0.038*	*1*	*0.0472*	*80 %*	*51-154*	*1C16024*	*EPA 8082A*	*03/17/11 16:28*	*MSZ*	

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Description: SP-29 BASE
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Project: Point Harbour Site

Lab Sample ID: C102268-15
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Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 70.6

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	**3.82**		mg/kg dry	1	0.142	0.708	1C10015	EPA 6010C	03/11/11 11:23	JDH	
Lead [7439-92-1] ^	**29.9**		mg/kg dry	1	0.170	0.708	1C10015	EPA 6010C	03/11/11 11:23	JDH	

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Description: SP-29 BASE
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Project: Point Harbour Site

Lab Sample ID: C102268-15
Sampled: 03/08/11 09:45
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 70.6

Semivolatile Organic Compounds by GCMS

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	0.40	UD	mg/kg dry	5	0.40	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
1,2-Dichlorobenzene [95-50-1] ^	0.50	UD	mg/kg dry	5	0.50	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
1,3-Dichlorobenzene [541-73-1] ^	0.48	UD	mg/kg dry	5	0.48	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
1,4-Dichlorobenzene [106-46-7] ^	0.49	UD	mg/kg dry	5	0.49	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
1-Methylnaphthalene [90-12-0] ^	0.42	UD	mg/kg dry	5	0.42	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
2,4,5-Trichlorophenol [95-95-4] ^	0.52	UD	mg/kg dry	5	0.52	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
2,4,6-Trichlorophenol [88-06-2] ^	0.40	UD	mg/kg dry	5	0.40	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
2,4-Dichlorophenol [120-83-2] ^	0.49	UD	mg/kg dry	5	0.49	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
2,4-Dimethylphenol [105-67-9] ^	0.46	UD	mg/kg dry	5	0.46	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
2,4-Dinitrophenol [51-28-5] ^	0.52	UD	mg/kg dry	5	0.52	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
2,4-Dinitrotoluene [121-14-2] ^	0.35	UD	mg/kg dry	5	0.35	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
2,6-Dinitrotoluene [606-20-2] ^	0.37	UD	mg/kg dry	5	0.37	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
2-Chloronaphthalene [91-58-7] ^	0.36	UD	mg/kg dry	5	0.36	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
2-Chlorophenol [95-57-8] ^	0.42	UD	mg/kg dry	5	0.42	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
2-Methyl-4,6-dinitrophenol [534-52-1] ^	0.51	UD	mg/kg dry	5	0.51	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
2-Methylnaphthalene [91-57-6] ^	0.41	UD	mg/kg dry	5	0.41	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
2-Methylphenol [95-48-7] ^	0.43	UD	mg/kg dry	5	0.43	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
2-Nitroaniline [88-74-4] ^	0.37	UD	mg/kg dry	5	0.37	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
2-Nitrophenol [88-75-5] ^	0.47	UD	mg/kg dry	5	0.47	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.92	UD	mg/kg dry	5	0.92	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
3,3'-Dichlorobenzidine [91-94-1] ^	0.38	UD	mg/kg dry	5	0.38	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
3-Nitroaniline [99-09-2] ^	0.42	UD	mg/kg dry	5	0.42	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
4-Bromophenyl-phenylether [101-55-3] ^	0.35	UD	mg/kg dry	5	0.35	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
4-Chloro-3-methylphenol [59-50-7] ^	0.42	UD	mg/kg dry	5	0.42	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
4-Chloroaniline [106-47-8] ^	0.41	UD	mg/kg dry	5	0.41	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
4-Chlorophenyl-phenylether [7005-72-3] ^	0.33	UD	mg/kg dry	5	0.33	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	QL-02, R-05
4-Nitroaniline [100-01-6] ^	0.35	UD	mg/kg dry	5	0.35	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
4-Nitrophenol [100-02-7] ^	0.23	UD	mg/kg dry	5	0.23	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05, QL-02
Acenaphthene [83-32-9] ^	0.41	UD	mg/kg dry	5	0.41	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
Acenaphthylene [208-96-8] ^	0.37	UD	mg/kg dry	5	0.37	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
Anthracene [120-12-7] ^	0.28	UD	mg/kg dry	5	0.28	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
Benzidine [92-87-5] ^	1.3	UD	mg/kg dry	5	1.3	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	J-05, R-05
Benzo(a)anthracene [56-55-3] ^	0.27	UD	mg/kg dry	5	0.27	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
Benzo(a)pyrene [50-32-8] ^	0.25	UD	mg/kg dry	5	0.25	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
Benzo(b)fluoranthene [205-99-2] ^	0.26	UD	mg/kg dry	5	0.26	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
Benzo(g,h,i)perylene [191-24-2] ^	0.26	UD	mg/kg dry	5	0.26	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	QL-02, QV-01, R-05
Benzo(k)fluoranthene [207-08-9] ^	0.25	UD	mg/kg dry	5	0.25	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
Benzoic acid [65-85-0] ^	1.3	UD	mg/kg dry	5	1.3	12	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
Benzyl alcohol [100-51-6] ^	0.45	UD	mg/kg dry	5	0.45	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
Bis(2-chloroethoxy)methane [111-91-1] ^	0.37	UD	mg/kg dry	5	0.37	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
Bis(2-chloroethyl)ether [111-44-4] ^	0.40	UD	mg/kg dry	5	0.40	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
Bis(2-chloroisopropyl)ether [39638-32-9] ^	0.29	UD	mg/kg dry	5	0.29	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
Bis(2-ethylhexyl)phthalate [117-81-7] ^	0.23	UD	mg/kg dry	5	0.23	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
Butylbenzylphthalate [85-68-7] ^	0.23	UD	mg/kg dry	5	0.23	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
Chrysene [218-01-9] ^	0.96	UD	mg/kg dry	5	0.96	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
Dibenzo(a,h)anthracene [53-70-3] ^	0.34	UD	mg/kg dry	5	0.34	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
Dibenzofuran [132-64-9] ^	0.34	UD	mg/kg dry	5	0.34	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
Diethylphthalate [84-66-2] ^	0.34	UD	mg/kg dry	5	0.34	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
Dimethylphthalate [131-11-3] ^	0.33	UD	mg/kg dry	5	0.33	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05

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Description: SP-29 BASE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-15
Sampled: 03/08/11 09:45
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids: 70.6

Semivolatile Organic Compounds by GCMS

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Di-n-butylphthalate [84-74-2] ^	0.23	UD	mg/kg dry	5	0.23	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
Di-n-octylphthalate [117-84-0] ^	0.23	UD	mg/kg dry	5	0.23	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
Fluoranthene [206-44-0] ^	0.27	UD	mg/kg dry	5	0.27	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
Fluorene [86-73-7] ^	0.32	UD	mg/kg dry	5	0.32	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
Hexachlorobenzene [118-74-1] ^	0.29	UD	mg/kg dry	5	0.29	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
Hexachlorobutadiene [87-68-3] ^	0.45	UD	mg/kg dry	5	0.45	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	QV-01, R-05
Hexachlorocyclopentadiene [77-47-4] ^	1.1	UD	mg/kg dry	5	1.1	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	QV-01, R-05
Hexachloroethane [67-72-1] ^	0.50	UD	mg/kg dry	5	0.50	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.23	UD	mg/kg dry	5	0.23	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
Isophorone [78-59-1] ^	0.34	UD	mg/kg dry	5	0.34	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
Naphthalene [91-20-3] ^	0.38	UD	mg/kg dry	5	0.38	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
Nitrobenzene [98-95-3] ^	0.34	UD	mg/kg dry	5	0.34	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
N-Nitrosodimethylamine [62-75-9] ^	0.48	UD	mg/kg dry	5	0.48	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	J-05, R-05
N-Nitroso-di-n-propylamine [621-64-7] ^	0.40	UD	mg/kg dry	5	0.40	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	0.57	UD	mg/kg dry	5	0.57	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
Pentachlorophenol [87-86-5] ^	0.38	UD	mg/kg dry	5	0.38	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
Phenanthrene [85-01-8] ^	0.30	UD	mg/kg dry	5	0.30	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
Phenol [108-95-2] ^	0.45	UD	mg/kg dry	5	0.45	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
Pyrene [129-00-0] ^	0.23	UD	mg/kg dry	5	0.23	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05
Pyridine [110-86-1] ^	0.55	UD	mg/kg dry	5	0.55	2.3	1C18003	EPA 8270D	03/21/11 22:44	REM	R-05

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*0.0*	*5*	*2.34*	*%*	*36-146*	*1C18003*	*EPA 8270D*	*03/21/11 22:44*	*REM*	*Q5-04, R-05*
2-Fluorobiphenyl	*0.0*	*5*	*2.34*	*%*	*59-120*	*1C18003*	*EPA 8270D*	*03/21/11 22:44*	*REM*	*Q5-04, R-05*
2-Fluorophenol	*0.0*	*5*	*2.34*	*%*	*40-129*	*1C18003*	*EPA 8270D*	*03/21/11 22:44*	*REM*	*Q5-04, R-05*
Nitrobenzene-d5	*0.0*	*5*	*2.34*	*%*	*42-120*	*1C18003*	*EPA 8270D*	*03/21/11 22:44*	*REM*	*Q5-04, R-05*
Phenol-d5	*0.0*	*5*	*2.34*	*%*	*42-127*	*1C18003*	*EPA 8270D*	*03/21/11 22:44*	*REM*	*Q5-04, R-05*
Terphenyl-d14	*0.0*	*5*	*2.34*	*%*	*61-147*	*1C18003*	*EPA 8270D*	*03/21/11 22:44*	*REM*	*Q5-04, R-05*

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Description: SP-29 BASE	**Lab Sample ID:** C102268-15	**Received:** 03/08/11 13:00
Matrix: Soil	**Sampled:** 03/08/11 09:45	**Work Order:** C102268
Project: Point Harbour Site	**Sampled By:** Michael Sabodish	**% Solids:** 70.6

Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM) [C-0007] ^	393		mg/kg dry	1	70.8	70.8	1C14013	EPA 9071B	03/16/11 15:00	MJF	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SP-23 STOCK
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-16
Sampled: 03/07/11 14:22
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids:

TCLP Semivolatile Organics by GCMS

^ - ENCO Orlando certified analyte [NC 424]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,4-Dichlorobenzene [106-46-7] ^	0.002	U	mg/L	1	0.002	0.10	1C21011	EPA 8270D	03/28/11 19:15	jfl	
2,4,5-Trichlorophenol [95-95-4] ^	0.002	U	mg/L	1	0.002	0.10	1C21011	EPA 8270D	03/28/11 19:15	jfl	
2,4,6-Trichlorophenol [88-06-2] ^	0.003	U	mg/L	1	0.003	0.10	1C21011	EPA 8270D	03/28/11 19:15	jfl	
2,4-Dinitrotoluene [121-14-2] ^	0.002	U	mg/L	1	0.002	0.10	1C21011	EPA 8270D	03/28/11 19:15	jfl	
2-Methylphenol [95-48-7] ^	0.002	U	mg/L	1	0.002	0.10	1C21011	EPA 8270D	03/28/11 19:15	jfl	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.004	U	mg/L	1	0.004	0.10	1C21011	EPA 8270D	03/28/11 19:15	jfl	
Hexachlorobenzene [118-74-1] ^	0.001	U	mg/L	1	0.001	0.10	1C21011	EPA 8270D	03/28/11 19:15	jfl	
Hexachlorobutadiene [87-68-3] ^	0.001	U	mg/L	1	0.001	0.10	1C21011	EPA 8270D	03/28/11 19:15	jfl	
Hexachloroethane [67-72-1] ^	0.002	U	mg/L	1	0.002	0.10	1C21011	EPA 8270D	03/28/11 19:15	jfl	
Nitrobenzene [98-95-3] ^	0.003	U	mg/L	1	0.003	0.10	1C21011	EPA 8270D	03/28/11 19:15	jfl	
Pentachlorophenol [87-86-5] ^	0.004	U	mg/L	1	0.004	0.10	1C21011	EPA 8270D	03/28/11 19:15	jfl	
Pyridine [110-86-1] ^	0.002	U	mg/L	1	0.002	0.10	1C21011	EPA 8270D	03/28/11 19:15	jfl	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*0.27*	*1*	*0.250*	*108 %*	*47-128*	*1C21011*	*EPA 8270D*	*03/28/11 19:15*	*jfl*	
2-Fluorobiphenyl	*0.19*	*1*	*0.250*	*77 %*	*44-102*	*1C21011*	*EPA 8270D*	*03/28/11 19:15*	*jfl*	
2-Fluorophenol	*0.11*	*1*	*0.250*	*46 %*	*25-79*	*1C21011*	*EPA 8270D*	*03/28/11 19:15*	*jfl*	
Nitrobenzene-d5	*0.17*	*1*	*0.250*	*69 %*	*43-112*	*1C21011*	*EPA 8270D*	*03/28/11 19:15*	*jfl*	
Phenol-d5	*0.080*	*1*	*0.250*	*32 %*	*14-54*	*1C21011*	*EPA 8270D*	*03/28/11 19:15*	*jfl*	
Terphenyl-d14	*0.31*	*1*	*0.250*	*124 %*	*65-122*	*1C21011*	*EPA 8270D*	*03/28/11 19:15*	*jfl*	*QS-03*

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Description: SP-23 STOCK
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-16
Sampled: 03/07/11 14:22
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids:

TCLP Pesticides by GC

^ - ENCO Orlando certified analyte [NC 424]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chlordane (tech) [12789-03-6] ^	0.000031	U	mg/L	1	0.000031	0.00025	1C15007	EPA 8081B	03/21/11 18:18	RC	
Endrin [72-20-8] ^	0.000019	U	mg/L	1	0.000019	0.00025	1C15007	EPA 8081B	03/21/11 18:18	RC	
gamma-BHC [58-89-9] ^	0.000030	U	mg/L	1	0.000030	0.00025	1C15007	EPA 8081B	03/21/11 18:18	RC	
Heptachlor [76-44-8] ^	0.000038	U	mg/L	1	0.000038	0.00025	1C15007	EPA 8081B	03/21/11 18:18	RC	
Heptachlor epoxide [1024-57-3] ^	0.000027	U	mg/L	1	0.000027	0.00025	1C15007	EPA 8081B	03/21/11 18:18	RC	
Methoxychlor [72-43-5] ^	0.000014	U	mg/L	1	0.000014	0.00025	1C15007	EPA 8081B	03/21/11 18:18	RC	
Toxaphene [8001-35-2] ^	0.000090	U	mg/L	1	0.000090	0.00025	1C15007	EPA 8081B	03/21/11 18:18	RC	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,5,6-TCMX	*0.0027*	*1*	*0.00500*	*54 %*	*38-142*	*1C15007*	*EPA 8081B*	*03/21/11 18:18*	*RC*	
Decachlorobiphenyl	*0.0030*	*1*	*0.00500*	*60 %*	*34-159*	*1C15007*	*EPA 8081B*	*03/21/11 18:18*	*RC*	

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Description: SP-23 STOCK
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-16
Sampled: 03/07/11 14:22
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids:

TCLP Herbicides by GC

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
2,4,5-TP (Silvex) [93-72-1]	0.0002	U	mg/L	1	0.0002	0.0005	1C15006	EPA 8151A	03/17/11 21:22	RGG	
2,4-D [94-75-7]	0.0002	U	mg/L	1	0.0002	0.0005	1C15006	EPA 8151A	03/17/11 21:22	RGG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4-DCAA	*0.010*	*1*	*0.0100*	*100 %*	*68-139*	*1C15006*	*EPA 8151A*	*03/17/11 21:22*	*RGG*	

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Description: SP-23 STOCK
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-16
Sampled: 03/07/11 14:22
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids:

TCLP Metals by 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NC 424]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	0.205	UD	mg/L	10	0.205	25.0	1C14029	EPA 6020A	03/17/11 16:37	JMA	
Barium [7440-39-3] ^	0.850	UD	mg/L	10	0.850	250	1C14029	EPA 6020A	03/17/11 16:37	JMA	
Cadmium [7440-43-9] ^	0.0550	UD	mg/L	10	0.0550	7.50	1C14029	EPA 6020A	03/17/11 16:37	JMA	
Chromium [7440-47-3] ^	0.225	UD	mg/L	10	0.225	25.0	1C14029	EPA 6020A	03/17/11 16:37	JMA	
Lead [7439-92-1] ^	0.0800	UD	mg/L	10	0.0800	12.5	1C14029	EPA 6020A	03/17/11 16:37	JMA	
Mercury [7439-97-6] ^	0.0001	U	mg/L	1	0.0001	0.002	1C14012	EPA 7470A	03/18/11 09:46	JAY	
Selenium [7782-49-2] ^	0.265	UD	mg/L	10	0.265	25.0	1C14029	EPA 6020A	03/17/11 16:37	JMA	
Silver [7440-22-4] ^	0.0145	UD	mg/L	10	0.0145	2.50	1C14029	EPA 6020A	03/17/11 16:37	JMA	

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Description: SP-23 STOCK
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-16
Sampled: 03/07/11 14:22
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids:

TCLP Volatile Organics by GCMS

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1-Dichloroethene [75-35-4] ^	0.0210	UD	mg/L	100	0.0210	0.100	1C16023	EPA 8260B	03/17/11 01:38	GMB	
1,2-Dichloroethane [107-06-2] ^	0.0280	UD	mg/L	100	0.0280	0.100	1C16023	EPA 8260B	03/17/11 01:38	GMB	
2-Butanone [78-93-3] ^	0.0380	UD	mg/L	100	0.0380	0.500	1C16023	EPA 8260B	03/17/11 01:38	GMB	
Benzene [71-43-2] ^	0.0270	UD	mg/L	100	0.0270	0.100	1C16023	EPA 8260B	03/17/11 01:38	GMB	
Carbon Tetrachloride [56-23-5] ^	0.0200	UD	mg/L	100	0.0200	0.100	1C16023	EPA 8260B	03/17/11 01:38	GMB	
Chlorobenzene [108-90-7] ^	0.0240	UD	mg/L	100	0.0240	0.100	1C16023	EPA 8260B	03/17/11 01:38	GMB	
Chloroform [67-66-3] ^	0.0210	UD	mg/L	100	0.0210	0.100	1C16023	EPA 8260B	03/17/11 01:38	GMB	
Tetrachloroethene [127-18-4] ^	0.0210	UD	mg/L	100	0.0210	0.100	1C16023	EPA 8260B	03/17/11 01:38	GMB	
Trichloroethene [79-01-6] ^	0.0240	UD	mg/L	100	0.0240	0.100	1C16023	EPA 8260B	03/17/11 01:38	GMB	
Vinyl chloride [75-01-4] ^	0.0330	UD	mg/L	100	0.0330	0.100	1C16023	EPA 8260B	03/17/11 01:38	GMB	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*0.0424*	*1*	*0.0500*	*85 %*	*62-132*	*1C16023*	*EPA 8260B*	*03/17/11 01:38*	*GMB*	
Dibromofluoromethane	*0.0490*	*1*	*0.0500*	*98 %*	*73-134*	*1C16023*	*EPA 8260B*	*03/17/11 01:38*	*GMB*	
Toluene-d8	*0.0513*	*1*	*0.0500*	*103 %*	*66-138*	*1C16023*	*EPA 8260B*	*03/17/11 01:38*	*GMB*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SP-24 STOCK
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-17
Sampled: 03/07/11 16:30
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids:

TCLP Semivolatile Organics by GCMS

^ - ENCO Orlando certified analyte [NC 424]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,4-Dichlorobenzene [106-46-7] ^	0.002	U	mg/L	1	0.002	0.10	1C21011	EPA 8270D	03/28/11 19:43	jfi	
2,4,5-Trichlorophenol [95-95-4] ^	0.002	U	mg/L	1	0.002	0.10	1C21011	EPA 8270D	03/28/11 19:43	jfi	
2,4,6-Trichlorophenol [88-06-2] ^	0.003	U	mg/L	1	0.003	0.10	1C21011	EPA 8270D	03/28/11 19:43	jfi	
2,4-Dinitrotoluene [121-14-2] ^	0.002	U	mg/L	1	0.002	0.10	1C21011	EPA 8270D	03/28/11 19:43	jfi	
2-Methylphenol [95-48-7] ^	0.002	U	mg/L	1	0.002	0.10	1C21011	EPA 8270D	03/28/11 19:43	jfi	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.004	U	mg/L	1	0.004	0.10	1C21011	EPA 8270D	03/28/11 19:43	jfi	
Hexachlorobenzene [118-74-1] ^	0.001	U	mg/L	1	0.001	0.10	1C21011	EPA 8270D	03/28/11 19:43	jfi	
Hexachlorobutadiene [87-68-3] ^	0.001	U	mg/L	1	0.001	0.10	1C21011	EPA 8270D	03/28/11 19:43	jfi	
Hexachloroethane [67-72-1] ^	0.002	U	mg/L	1	0.002	0.10	1C21011	EPA 8270D	03/28/11 19:43	jfi	
Nitrobenzene [98-95-3] ^	0.003	U	mg/L	1	0.003	0.10	1C21011	EPA 8270D	03/28/11 19:43	jfi	
Pentachlorophenol [87-86-5] ^	0.004	U	mg/L	1	0.004	0.10	1C21011	EPA 8270D	03/28/11 19:43	jfi	
Pyridine [110-86-1] ^	0.002	U	mg/L	1	0.002	0.10	1C21011	EPA 8270D	03/28/11 19:43	jfi	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*0.17*	*1*	*0.250*	*69 %*	*47-128*	*1C21011*	*EPA 8270D*	*03/28/11 19:43*	*jfi*	
2-Fluorobiphenyl	*0.14*	*1*	*0.250*	*56 %*	*44-102*	*1C21011*	*EPA 8270D*	*03/28/11 19:43*	*jfi*	
2-Fluorophenol	*0.064*	*1*	*0.250*	*26 %*	*25-79*	*1C21011*	*EPA 8270D*	*03/28/11 19:43*	*jfi*	
Nitrobenzene-d5	*0.12*	*1*	*0.250*	*46 %*	*43-112*	*1C21011*	*EPA 8270D*	*03/28/11 19:43*	*jfi*	
Phenol-d5	*0.048*	*1*	*0.250*	*19 %*	*14-54*	*1C21011*	*EPA 8270D*	*03/28/11 19:43*	*jfi*	
Terphenyl-d14	*0.24*	*1*	*0.250*	*95 %*	*65-122*	*1C21011*	*EPA 8270D*	*03/28/11 19:43*	*jfi*	

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Description: SP-24 STOCK
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-17
Sampled: 03/07/11 16:30
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids:

TCLP Pesticides by GC

^ - ENCO Orlando certified analyte [NC 424]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chlordane (tech) [12789-03-6] ^	0.000031	U	mg/L	1	0.000031	0.00025	1C15007	EPA 8081B	03/21/11 18:31	RC	
Endrin [72-20-8] ^	0.000019	U	mg/L	1	0.000019	0.00025	1C15007	EPA 8081B	03/21/11 18:31	RC	
gamma-BHC [58-89-9] ^	0.000030	U	mg/L	1	0.000030	0.00025	1C15007	EPA 8081B	03/21/11 18:31	RC	
Heptachlor [76-44-8] ^	0.000038	U	mg/L	1	0.000038	0.00025	1C15007	EPA 8081B	03/21/11 18:31	RC	
Heptachlor epoxide [1024-57-3] ^	0.000027	U	mg/L	1	0.000027	0.00025	1C15007	EPA 8081B	03/21/11 18:31	RC	
Methoxychlor [72-43-5] ^	0.000014	U	mg/L	1	0.000014	0.00025	1C15007	EPA 8081B	03/21/11 18:31	RC	
Toxaphene [8001-35-2] ^	0.000090	U	mg/L	1	0.000090	0.00025	1C15007	EPA 8081B	03/21/11 18:31	RC	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,5,6-TCMX	*0.0030*	*1*	*0.00500*	*61 %*	*38-142*	*1C15007*	*EPA 8081B*	*03/21/11 18:31*	*RC*	
Decachlorobiphenyl	*0.0036*	*1*	*0.00500*	*72 %*	*34-159*	*1C15007*	*EPA 8081B*	*03/21/11 18:31*	*RC*	

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Description: SP-24 STOCK
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-17
Sampled: 03/07/11 16:30
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids:

TCLP Herbicides by GC

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
2,4,5-TP (Silvex) [93-72-1]	0.0002	U	mg/L	1	0.0002	0.0005	1C15006	EPA 8151A	03/17/11 21:46	RGG	
2,4-D [94-75-7]	0.0002	U	mg/L	1	0.0002	0.0005	1C15006	EPA 8151A	03/17/11 21:46	RGG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4-DCAA	*0.010*	*1*	*0.0100*	*101 %*	*68-139*	*1C15006*	*EPA 8151A*	*03/17/11 21:46*	*RGG*	

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Description: SP-24 STOCK
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-17
Sampled: 03/07/11 16:30
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids:

TCLP Metals by 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NC 424]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	0.205	UD	mg/L	10	0.205	25.0	1C14029	EPA 6020A	03/17/11 16:44	JMA	
Barium [7440-39-3] ^	0.850	UD	mg/L	10	0.850	250	1C14029	EPA 6020A	03/17/11 16:44	JMA	
Cadmium [7440-43-9] ^	0.0550	UD	mg/L	10	0.0550	7.50	1C14029	EPA 6020A	03/17/11 16:44	JMA	
Chromium [7440-47-3] ^	0.225	UD	mg/L	10	0.225	25.0	1C14029	EPA 6020A	03/17/11 16:44	JMA	
Lead [7439-92-1] ^	0.0800	UD	mg/L	10	0.0800	12.5	1C14029	EPA 6020A	03/17/11 16:44	JMA	
Mercury [7439-97-6] ^	0.0001	U	mg/L	1	0.0001	0.002	1C14012	EPA 7470A	03/18/11 09:49	JAY	
Selenium [7782-49-2] ^	0.265	UD	mg/L	10	0.265	25.0	1C14029	EPA 6020A	03/17/11 16:44	JMA	
Silver [7440-22-4] ^	0.0145	UD	mg/L	10	0.0145	2.50	1C14029	EPA 6020A	03/17/11 16:44	JMA	

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Description: SP-24 STOCK
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-17
Sampled: 03/07/11 16:30
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids:

TCLP Volatile Organics by GCMS

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1-Dichloroethene [75-35-4] ^	0.0210	UD	mg/L	100	0.0210	0.100	1C16023	EPA 8260B	03/17/11 02:07	GMB	
1,2-Dichloroethane [107-06-2] ^	0.0280	UD	mg/L	100	0.0280	0.100	1C16023	EPA 8260B	03/17/11 02:07	GMB	
2-Butanone [78-93-3] ^	0.0380	UD	mg/L	100	0.0380	0.500	1C16023	EPA 8260B	03/17/11 02:07	GMB	
Benzene [71-43-2] ^	0.0270	UD	mg/L	100	0.0270	0.100	1C16023	EPA 8260B	03/17/11 02:07	GMB	
Carbon Tetrachloride [56-23-5] ^	0.0200	UD	mg/L	100	0.0200	0.100	1C16023	EPA 8260B	03/17/11 02:07	GMB	
Chlorobenzene [108-90-7] ^	0.0240	UD	mg/L	100	0.0240	0.100	1C16023	EPA 8260B	03/17/11 02:07	GMB	
Chloroform [67-66-3] ^	0.0210	UD	mg/L	100	0.0210	0.100	1C16023	EPA 8260B	03/17/11 02:07	GMB	
Tetrachloroethene [127-18-4] ^	0.0210	UD	mg/L	100	0.0210	0.100	1C16023	EPA 8260B	03/17/11 02:07	GMB	
Trichloroethene [79-01-6] ^	0.0240	UD	mg/L	100	0.0240	0.100	1C16023	EPA 8260B	03/17/11 02:07	GMB	
Vinyl chloride [75-01-4] ^	0.0330	UD	mg/L	100	0.0330	0.100	1C16023	EPA 8260B	03/17/11 02:07	GMB	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*0.0423*	*1*	*0.0500*	*85 %*	*62-132*	*1C16023*	*EPA 8260B*	*03/17/11 02:07*	*GMB*	
Dibromofluoromethane	*0.0482*	*1*	*0.0500*	*96 %*	*73-134*	*1C16023*	*EPA 8260B*	*03/17/11 02:07*	*GMB*	
Toluene-d8	*0.0513*	*1*	*0.0500*	*103 %*	*66-138*	*1C16023*	*EPA 8260B*	*03/17/11 02:07*	*GMB*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SP-29 STOCK
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-18
Sampled: 03/08/11 09:45
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids:

TCLP Semivolatile Organics by GCMS

^ - ENCO Orlando certified analyte [NC 424]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,4-Dichlorobenzene [106-46-7] ^	0.002	U	mg/L	1	0.002	0.10	1C21011	EPA 8270D	03/28/11 20:12	jfi	
2,4,5-Trichlorophenol [95-95-4] ^	0.002	U	mg/L	1	0.002	0.10	1C21011	EPA 8270D	03/28/11 20:12	jfi	
2,4,6-Trichlorophenol [88-06-2] ^	0.003	U	mg/L	1	0.003	0.10	1C21011	EPA 8270D	03/28/11 20:12	jfi	
2,4-Dinitrotoluene [121-14-2] ^	0.002	U	mg/L	1	0.002	0.10	1C21011	EPA 8270D	03/28/11 20:12	jfi	
2-Methylphenol [95-48-7] ^	0.002	U	mg/L	1	0.002	0.10	1C21011	EPA 8270D	03/28/11 20:12	jfi	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.004	U	mg/L	1	0.004	0.10	1C21011	EPA 8270D	03/28/11 20:12	jfi	
Hexachlorobenzene [118-74-1] ^	0.001	U	mg/L	1	0.001	0.10	1C21011	EPA 8270D	03/28/11 20:12	jfi	
Hexachlorobutadiene [87-68-3] ^	0.001	U	mg/L	1	0.001	0.10	1C21011	EPA 8270D	03/28/11 20:12	jfi	
Hexachloroethane [67-72-1] ^	0.002	U	mg/L	1	0.002	0.10	1C21011	EPA 8270D	03/28/11 20:12	jfi	
Nitrobenzene [98-95-3] ^	0.003	U	mg/L	1	0.003	0.10	1C21011	EPA 8270D	03/28/11 20:12	jfi	
Pentachlorophenol [87-86-5] ^	0.004	U	mg/L	1	0.004	0.10	1C21011	EPA 8270D	03/28/11 20:12	jfi	
Pyridine [110-86-1] ^	0.002	U	mg/L	1	0.002	0.10	1C21011	EPA 8270D	03/28/11 20:12	jfi	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*0.26*	*1*	*0.250*	*104 %*	*47-128*	*1C21011*	*EPA 8270D*	*03/28/11 20:12*	*jfi*	
2-Fluorobiphenyl	*0.25*	*1*	*0.250*	*99 %*	*44-102*	*1C21011*	*EPA 8270D*	*03/28/11 20:12*	*jfi*	
2-Fluorophenol	*0.14*	*1*	*0.250*	*58 %*	*25-79*	*1C21011*	*EPA 8270D*	*03/28/11 20:12*	*jfi*	
Nitrobenzene-d5	*0.23*	*1*	*0.250*	*91 %*	*43-112*	*1C21011*	*EPA 8270D*	*03/28/11 20:12*	*jfi*	
Phenol-d5	*0.093*	*1*	*0.250*	*37 %*	*14-54*	*1C21011*	*EPA 8270D*	*03/28/11 20:12*	*jfi*	
Terphenyl-d14	*0.28*	*1*	*0.250*	*112 %*	*65-122*	*1C21011*	*EPA 8270D*	*03/28/11 20:12*	*jfi*	

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Description: SP-29 STOCK
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-18
Sampled: 03/08/11 09:45
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids:

TCLP Pesticides by GC

^ - ENCO Orlando certified analyte [NC 424]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chlordane (tech) [12789-03-6] ^	0.000031	U	mg/L	1	0.000031	0.00025	1C15007	EPA 8081B	03/21/11 18:44	RC	
Endrin [72-20-8] ^	0.000019	U	mg/L	1	0.000019	0.00025	1C15007	EPA 8081B	03/21/11 18:44	RC	
gamma-BHC [58-89-9] ^	0.000030	U	mg/L	1	0.000030	0.00025	1C15007	EPA 8081B	03/21/11 18:44	RC	
Heptachlor [76-44-8] ^	0.000038	U	mg/L	1	0.000038	0.00025	1C15007	EPA 8081B	03/21/11 18:44	RC	
Heptachlor epoxide [1024-57-3] ^	0.000027	U	mg/L	1	0.000027	0.00025	1C15007	EPA 8081B	03/21/11 18:44	RC	
Methoxychlor [72-43-5] ^	0.000014	U	mg/L	1	0.000014	0.00025	1C15007	EPA 8081B	03/21/11 18:44	RC	
Toxaphene [8001-35-2] ^	0.000090	U	mg/L	1	0.000090	0.00025	1C15007	EPA 8081B	03/21/11 18:44	RC	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,5,6-TCMX	*0.0016*	*1*	*0.00500*	*32 %*	*38-142*	*1C15007*	*EPA 8081B*	*03/21/11 18:44*	*RC*	*QS-03*
Decachlorobiphenyl	*0.0034*	*1*	*0.00500*	*67 %*	*34-159*	*1C15007*	*EPA 8081B*	*03/21/11 18:44*	*RC*	

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Description: SP-29 STOCK
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-18
Sampled: 03/08/11 09:45
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids:

TCLP Herbicides by GC

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
2,4,5-TP (Silvex) [93-72-1]	0.0002	U	mg/L	1	0.0002	0.0005	1C15006	EPA 8151A	03/17/11 22:10	RGG	
2,4-D [94-75-7]	0.0002	U	mg/L	1	0.0002	0.0005	1C15006	EPA 8151A	03/17/11 22:10	RGG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4-DCAA	*0.0093*	*1*	*0.0100*	*93 %*	*68-139*	*1C15006*	*EPA 8151A*	*03/17/11 22:10*	*RGG*	

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Description: SP-29 STOCK
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-18
Sampled: 03/08/11 09:45
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids:

TCLP Metals by 6000/7000 Series Methods

^ - ENCO Orlando certified analyte [NC 424]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Arsenic [7440-38-2] ^	0.205	UD	mg/L	10	0.205	25.0	1C14029	EPA 6020A	03/17/11 17:40	JMA	
Barium [7440-39-3] ^	0.850	UD	mg/L	10	0.850	250	1C14029	EPA 6020A	03/17/11 17:40	JMA	
Cadmium [7440-43-9] ^	0.0550	UD	mg/L	10	0.0550	7.50	1C14029	EPA 6020A	03/17/11 17:40	JMA	
Chromium [7440-47-3] ^	0.225	UD	mg/L	10	0.225	25.0	1C14029	EPA 6020A	03/17/11 17:40	JMA	
Lead [7439-92-1] ^	**0.107**	JD	mg/L	10	0.0800	12.5	1C14029	EPA 6020A	03/17/11 17:40	JMA	
Mercury [7439-97-6] ^	0.0001	U	mg/L	1	0.0001	0.002	1C14012	EPA 7470A	03/18/11 09:52	JAY	
Selenium [7782-49-2] ^	0.265	UD	mg/L	10	0.265	25.0	1C14029	EPA 6020A	03/17/11 17:40	JMA	
Silver [7440-22-4] ^	0.0145	UD	mg/L	10	0.0145	2.50	1C14029	EPA 6020A	03/17/11 17:40	JMA	

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Description: SP-29 STOCK
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102268-18
Sampled: 03/08/11 09:45
Sampled By: Michael Sabodish

Received: 03/08/11 13:00
Work Order: C102268
% Solids:

TCLP Volatile Organics by GCMS

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1-Dichloroethene [75-35-4] ^	0.0210	U	mg/L	1	0.0210	0.100	1C16023	EPA 8260B	03/16/11 20:22	GMB	
1,2-Dichloroethane [107-06-2] ^	0.0280	U	mg/L	1	0.0280	0.100	1C16023	EPA 8260B	03/16/11 20:22	GMB	
2-Butanone [78-93-3] ^	0.0380	U	mg/L	1	0.0380	0.500	1C16023	EPA 8260B	03/16/11 20:22	GMB	
Benzene [71-43-2] ^	0.0270	U	mg/L	1	0.0270	0.100	1C16023	EPA 8260B	03/16/11 20:22	GMB	
Carbon Tetrachloride [56-23-5] ^	0.0200	U	mg/L	1	0.0200	0.100	1C16023	EPA 8260B	03/16/11 20:22	GMB	
Chlorobenzene [108-90-7] ^	0.0240	U	mg/L	1	0.0240	0.100	1C16023	EPA 8260B	03/16/11 20:22	GMB	
Chloroform [67-66-3] ^	0.0210	U	mg/L	1	0.0210	0.100	1C16023	EPA 8260B	03/16/11 20:22	GMB	
Tetrachloroethene [127-18-4] ^	0.0210	U	mg/L	1	0.0210	0.100	1C16023	EPA 8260B	03/16/11 20:22	GMB	
Trichloroethene [79-01-6] ^	0.0240	U	mg/L	1	0.0240	0.100	1C16023	EPA 8260B	03/16/11 20:22	GMB	
Vinyl chloride [75-01-4] ^	0.0330	U	mg/L	1	0.0330	0.100	1C16023	EPA 8260B	03/16/11 20:22	GMB	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*4.20*	*1*	*5.00*	*84 %*	*62-132*	*1C16023*	*EPA 8260B*	*03/16/11 20:22*	*GMB*	
Dibromofluoromethane	*4.89*	*1*	*5.00*	*98 %*	*73-134*	*1C16023*	*EPA 8260B*	*03/16/11 20:22*	*GMB*	
Toluene-d8	*4.97*	*1*	*5.00*	*99 %*	*66-138*	*1C16023*	*EPA 8260B*	*03/16/11 20:22*	*GMB*	

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QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 1C11009 - EPA 5035_MS

Blank (1C11009-BLK1) Prepared: 03/11/2011 09:44 Analyzed: 03/11/2011 10:12

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.00016	U	0.0010	mg/kg wet							
1,1,1-Trichloroethane	0.00018	U	0.0010	mg/kg wet							
1,1,2,2-Tetrachloroethane	0.00020	U	0.0010	mg/kg wet							
1,1,2-Trichloroethane	0.00023	U	0.0010	mg/kg wet							
1,1-Dichloroethane	0.00025	U	0.0010	mg/kg wet							
1,1-Dichloroethene	0.00030	U	0.0010	mg/kg wet							
1,1-Dichloropropene	0.00032	U	0.0010	mg/kg wet							
1,2,3-Trichlorobenzene	0.00021	U	0.0010	mg/kg wet							
1,2,3-Trichloropropane	0.00034	U	0.0010	mg/kg wet							
1,2,4-Trichlorobenzene	0.00027	U	0.0010	mg/kg wet							
1,2,4-Trimethylbenzene	0.00017	U	0.0010	mg/kg wet							
1,2-Dibromo-3-chloropropane	0.00079	U	0.0010	mg/kg wet							
1,2-Dibromoethane	0.00046	U	0.0010	mg/kg wet							
1,2-Dichlorobenzene	0.00027	U	0.0010	mg/kg wet							
1,2-Dichloroethane	0.00038	U	0.0010	mg/kg wet							
1,2-Dichloropropane	0.00026	U	0.0010	mg/kg wet							
1,3,5-Trimethylbenzene	0.00020	U	0.0010	mg/kg wet							
1,3-Dichlorobenzene	0.00022	U	0.0010	mg/kg wet							
1,3-Dichloropropane	0.00029	U	0.0010	mg/kg wet							
1,4-Dichlorobenzene	0.00020	U	0.0010	mg/kg wet							
2,2-Dichloropropane	0.00023	U	0.0010	mg/kg wet							
2-Butanone	0.00078	U	0.0050	mg/kg wet							
2-Chloroethyl Vinyl Ether	0.00049	U	0.0050	mg/kg wet							
2-Chlorotoluene	0.00018	U	0.0010	mg/kg wet							
2-Hexanone	0.00075	U	0.0050	mg/kg wet							
4-Chlorotoluene	0.00026	U	0.0010	mg/kg wet							
4-Isopropyltoluene	0.00016	U	0.0010	mg/kg wet							
4-Methyl-2-pentanone	0.00057	U	0.0050	mg/kg wet							
Acetone	0.0012	U	0.0050	mg/kg wet							
Benzene	0.00017	U	0.0010	mg/kg wet							
Bromobenzene	0.00022	U	0.0010	mg/kg wet							
Bromochloromethane	0.00041	U	0.0010	mg/kg wet							
Bromodichloromethane	0.00024	U	0.0010	mg/kg wet							
Bromoform	0.00045	U	0.0010	mg/kg wet							
Bromomethane	0.00023	U	0.0010	mg/kg wet							
Carbon disulfide	0.00039	U	0.0050	mg/kg wet							
Carbon Tetrachloride	0.00022	U	0.0010	mg/kg wet							
Chlorobenzene	0.00017	U	0.0010	mg/kg wet							
Chloroethane	0.00025	U	0.0010	mg/kg wet							
Chloroform	0.00017	U	0.0010	mg/kg wet							
Chloromethane	0.00015	U	0.0010	mg/kg wet							
cis-1,2-Dichloroethene	0.00023	U	0.0010	mg/kg wet							
cis-1,3-Dichloropropene	0.00013	U	0.0010	mg/kg wet							
Dibromochloromethane	0.00035	U	0.0010	mg/kg wet							
Dibromomethane	0.00031	U	0.0010	mg/kg wet							
Dichlorodifluoromethane	0.00045	U	0.0010	mg/kg wet							
Ethylbenzene	0.00020	U	0.0010	mg/kg wet							
Hexachlorobutadiene	0.00035	U	0.0010	mg/kg wet							
Isopropylbenzene	0.00015	U	0.0010	mg/kg wet							

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 1C11009 - EPA 5035_MS

Blank (1C11009-BLK1) Continued Prepared: 03/11/2011 09:44 Analyzed: 03/11/2011 10:12

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
m,p-Xylenes	0.00037	U	0.0020	mg/kg wet							
Methylene Chloride	0.00056	U	0.0020	mg/kg wet							
Methyl-tert-Butyl Ether	0.00030	U	0.0010	mg/kg wet							
Naphthalene	0.00024	U	0.0010	mg/kg wet							
n-Butyl Benzene	0.00022	U	0.0010	mg/kg wet							
n-Propyl Benzene	0.00018	U	0.0010	mg/kg wet							
o-Xylene	0.00022	U	0.0010	mg/kg wet							
sec-Butylbenzene	0.00022	U	0.0010	mg/kg wet							
Styrene	0.00017	U	0.0010	mg/kg wet							
tert-Butylbenzene	0.00016	U	0.0010	mg/kg wet							
Tetrachloroethene	0.00028	U	0.0010	mg/kg wet							
Toluene	0.00020	U	0.0010	mg/kg wet							
trans-1,2-Dichloroethene	0.00037	U	0.0010	mg/kg wet							
trans-1,3-Dichloropropene	0.00039	U	0.0010	mg/kg wet							
Trichloroethene	0.00027	U	0.0010	mg/kg wet							
Trichlorofluoromethane	0.00026	U	0.0010	mg/kg wet							
Vinyl chloride	0.00024	U	0.0010	mg/kg wet							
Xylenes (Total)	0.00056	U	0.0030	mg/kg wet							
Surrogate: 4-Bromofluorobenzene	*53*			*ug/L*	*50.0*		*107*	*61-118*			
Surrogate: Dibromofluoromethane	*50*			*ug/L*	*50.0*		*99*	*66-114*			
Surrogate: Toluene-d8	*52*			*ug/L*	*50.0*		*104*	*63-118*			

LCS (1C11009-BS1) Prepared: 03/11/2011 09:44 Analyzed: 03/11/2011 10:42

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	18		1.0	ug/L	20.0		89	64-133			
Benzene	22		1.0	ug/L	20.0		109	79-129			
Chlorobenzene	19		1.0	ug/L	20.0		93	79-121			
Toluene	18		1.0	ug/L	20.0		90	77-120			
Trichloroethene	22		1.0	ug/L	20.0		108	78-118			
Surrogate: 4-Bromofluorobenzene	*53*			*ug/L*	*50.0*		*106*	*61-118*			
Surrogate: Dibromofluoromethane	*50*			*ug/L*	*50.0*		*101*	*66-114*			
Surrogate: Toluene-d8	*53*			*ug/L*	*50.0*		*107*	*63-118*			

Matrix Spike (1C11009-MS1) Prepared: 03/11/2011 09:44 Analyzed: 03/11/2011 12:39

Source: C102297-08

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	19		1.0	ug/L	20.0	0.30 U	96	64-133			
Benzene	22		1.0	ug/L	20.0	0.17 U	110	79-129			
Chlorobenzene	20		1.0	ug/L	20.0	0.17 U	98	79-121			
Toluene	19		1.0	ug/L	20.0	0.24 U	95	77-120			
Trichloroethene	22		1.0	ug/L	20.0	0.32 U	108	78-118			
Surrogate: 4-Bromofluorobenzene	*54*			*ug/L*	*50.0*		*108*	*61-118*			
Surrogate: Dibromofluoromethane	*51*			*ug/L*	*50.0*		*101*	*66-114*			
Surrogate: Toluene-d8	*53*			*ug/L*	*50.0*		*106*	*63-118*			

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 1C11009 - EPA 5035_MS

Matrix Spike Dup (1C11009-MSD1) Prepared: 03/11/2011 09:44 Analyzed: 03/11/2011 13:08

Source: C102297-08

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	18		1.0	ug/L	20.0	0.30 U	90	64-133	6	23	
Benzene	21		1.0	ug/L	20.0	0.17 U	105	79-129	4	23	
Chlorobenzene	18		1.0	ug/L	20.0	0.17 U	92	79-121	6	25	
Toluene	18		1.0	ug/L	20.0	0.24 U	90	77-120	5	23	
Trichloroethene	21		1.0	ug/L	20.0	0.32 U	104	78-118	4	24	
Surrogate: 4-Bromofluorobenzene	*54*			*ug/L*	*50.0*		*108*	*61-118*			
Surrogate: Dibromofluoromethane	*50*			*ug/L*	*50.0*		*100*	*66-114*			
Surrogate: Toluene-d8	*53*			*ug/L*	*50.0*		*107*	*63-118*			

Batch 1C12002 - EPA 5035_MS

Blank (1C12002-BLK1) Prepared: 03/12/2011 09:05 Analyzed: 03/12/2011 10:59

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.00016	U	0.0010	mg/kg wet							
1,1,1-Trichloroethane	0.00018	U	0.0010	mg/kg wet							
1,1,2,2-Tetrachloroethane	0.00020	U	0.0010	mg/kg wet							
1,1,2-Trichloroethane	0.00023	U	0.0010	mg/kg wet							
1,1-Dichloroethane	0.00025	U	0.0010	mg/kg wet							
1,1-Dichloroethene	0.00030	U	0.0010	mg/kg wet							
1,1-Dichloropropene	0.00032	U	0.0010	mg/kg wet							
1,2,3-Trichlorobenzene	0.00021	U	0.0010	mg/kg wet							
1,2,3-Trichloropropane	0.00034	U	0.0010	mg/kg wet							
1,2,4-Trichlorobenzene	0.00027	U	0.0010	mg/kg wet							
1,2,4-Trimethylbenzene	0.00017	U	0.0010	mg/kg wet							
1,2-Dibromo-3-chloropropane	0.00079	U	0.0010	mg/kg wet							
1,2-Dibromoethane	0.00046	U	0.0010	mg/kg wet							
1,2-Dichlorobenzene	0.00027	U	0.0010	mg/kg wet							
1,2-Dichloroethane	0.00038	U	0.0010	mg/kg wet							
1,2-Dichloropropane	0.00026	U	0.0010	mg/kg wet							
1,3,5-Trimethylbenzene	0.00020	U	0.0010	mg/kg wet							
1,3-Dichlorobenzene	0.00022	U	0.0010	mg/kg wet							
1,3-Dichloropropane	0.00029	U	0.0010	mg/kg wet							
1,4-Dichlorobenzene	0.00020	U	0.0010	mg/kg wet							
2,2-Dichloropropane	0.00023	U	0.0010	mg/kg wet							
2-Butanone	0.00078	U	0.0050	mg/kg wet							
2-Chloroethyl Vinyl Ether	0.00049	U	0.0050	mg/kg wet							
2-Chlorotoluene	0.00018	U	0.0010	mg/kg wet							
2-Hexanone	0.00075	U	0.0050	mg/kg wet							
4-Chlorotoluene	0.00026	U	0.0010	mg/kg wet							
4-Isopropyltoluene	0.00016	U	0.0010	mg/kg wet							
4-Methyl-2-pentanone	0.00057	U	0.0050	mg/kg wet							
Acetone	0.0012	U	0.0050	mg/kg wet							
Benzene	0.00017	U	0.0010	mg/kg wet							
Bromobenzene	0.00022	U	0.0010	mg/kg wet							
Bromochloromethane	0.00041	U	0.0010	mg/kg wet							
Bromodichloromethane	0.00024	U	0.0010	mg/kg wet							

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 1C12002 - EPA 5035_MS

Blank (1C12002-BLK1) Continued Prepared: 03/12/2011 09:05 Analyzed: 03/12/2011 10:59

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Bromoform	0.00045	U	0.0010	mg/kg wet							
Bromomethane	0.00023	U	0.0010	mg/kg wet							
Carbon disulfide	0.00039	U	0.0050	mg/kg wet							
Carbon Tetrachloride	0.00022	U	0.0010	mg/kg wet							
Chlorobenzene	0.00017	U	0.0010	mg/kg wet							
Chloroethane	0.00025	U	0.0010	mg/kg wet							
Chloroform	0.00017	U	0.0010	mg/kg wet							
Chloromethane	0.00015	U	0.0010	mg/kg wet							
cis-1,2-Dichloroethene	0.00023	U	0.0010	mg/kg wet							
cis-1,3-Dichloropropene	0.00013	U	0.0010	mg/kg wet							
Dibromochloromethane	0.00035	U	0.0010	mg/kg wet							
Dibromomethane	0.00031	U	0.0010	mg/kg wet							
Dichlorodifluoromethane	0.00045	U	0.0010	mg/kg wet							
Ethylbenzene	0.00020	U	0.0010	mg/kg wet							
Hexachlorobutadiene	0.00035	U	0.0010	mg/kg wet							
Isopropylbenzene	0.00015	U	0.0010	mg/kg wet							
m,p-Xylenes	0.00037	U	0.0020	mg/kg wet							
Methylene Chloride	0.00056	U	0.0020	mg/kg wet							
Methyl-tert-Butyl Ether	0.00030	U	0.0010	mg/kg wet							
Naphthalene	0.00024	U	0.0010	mg/kg wet							
n-Butyl Benzene	0.00022	U	0.0010	mg/kg wet							
n-Propyl Benzene	0.00018	U	0.0010	mg/kg wet							
o-Xylene	0.00022	U	0.0010	mg/kg wet							
sec-Butylbenzene	0.00022	U	0.0010	mg/kg wet							
Styrene	0.00017	U	0.0010	mg/kg wet							
tert-Butylbenzene	0.00016	U	0.0010	mg/kg wet							
Tetrachloroethene	0.00028	U	0.0010	mg/kg wet							
Toluene	0.00020	U	0.0010	mg/kg wet							
trans-1,2-Dichloroethene	0.00037	U	0.0010	mg/kg wet							
trans-1,3-Dichloropropene	0.00039	U	0.0010	mg/kg wet							
Trichloroethene	0.00027	U	0.0010	mg/kg wet							
Trichlorofluoromethane	0.00026	U	0.0010	mg/kg wet							
Vinyl chloride	0.00024	U	0.0010	mg/kg wet							
Xylenes (Total)	0.00056	U	0.0030	mg/kg wet							
Surrogate: 4-Bromofluorobenzene	*44*			*ug/L*	*50.0*		*89*	*61-118*			
Surrogate: Dibromofluoromethane	*46*			*ug/L*	*50.0*		*91*	*66-114*			
Surrogate: Toluene-d8	*48*			*ug/L*	*50.0*		*96*	*63-118*			

LCS (1C12002-BS1) Prepared: 03/12/2011 09:05 Analyzed: 03/12/2011 11:28

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	22		1.0	ug/L	20.0		110	64-133			
Benzene	20		1.0	ug/L	20.0		102	79-129			
Chlorobenzene	20		1.0	ug/L	20.0		100	79-121			
Toluene	20		1.0	ug/L	20.0		98	77-120			
Trichloroethene	19		1.0	ug/L	20.0		97	78-118			
Surrogate: 4-Bromofluorobenzene	*46*			*ug/L*	*50.0*		*92*	*61-118*			
Surrogate: Dibromofluoromethane	*47*			*ug/L*	*50.0*		*93*	*66-114*			

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 1C12002 - EPA 5035_MS

LCS (1C12002-BS1) Continued Prepared: 03/12/2011 09:05 Analyzed: 03/12/2011 11:28

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Surrogate: Toluene-d8	*47*			*ug/L*	*50.0*		*95*	*63-118*			

Matrix Spike (1C12002-MS1) Prepared: 03/12/2011 09:05 Analyzed: 03/12/2011 11:57

Source: C102873-05

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	21		1.0	ug/L	20.0	0.30 U	103	64-133			
Benzene	19		1.0	ug/L	20.0	0.17 U	97	79-129			
Chlorobenzene	20		1.0	ug/L	20.0	0.17 U	98	79-121			
Toluene	19		1.0	ug/L	20.0	0.24 U	96	77-120			
Trichloroethene	19		1.0	ug/L	20.0	0.32 U	94	78-118			
Surrogate: 4-Bromofluorobenzene	*45*			*ug/L*	*50.0*		*90*	*61-118*			
Surrogate: Dibromofluoromethane	*46*			*ug/L*	*50.0*		*91*	*66-114*			
Surrogate: Toluene-d8	*48*			*ug/L*	*50.0*		*95*	*63-118*			

Matrix Spike Dup (1C12002-MSD1) Prepared: 03/12/2011 09:05 Analyzed: 03/12/2011 12:26

Source: C102873-05

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	21		1.0	ug/L	20.0	0.30 U	107	64-133	4	23	
Benzene	20		1.0	ug/L	20.0	0.17 U	99	79-129	2	23	
Chlorobenzene	19		1.0	ug/L	20.0	0.17 U	96	79-121	2	25	
Toluene	19		1.0	ug/L	20.0	0.24 U	93	77-120	3	23	
Trichloroethene	19		1.0	ug/L	20.0	0.32 U	94	78-118	0.4	24	
Surrogate: 4-Bromofluorobenzene	*45*			*ug/L*	*50.0*		*90*	*61-118*			
Surrogate: Dibromofluoromethane	*47*			*ug/L*	*50.0*		*93*	*66-114*			
Surrogate: Toluene-d8	*48*			*ug/L*	*50.0*		*96*	*63-118*			

Batch 1C14027 - EPA 5035_MS

Blank (1C14027-BLK1) Prepared: 03/14/2011 15:27 Analyzed: 03/14/2011 18:02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1,1,2-Tetrachloroethane	0.00016	U	0.0010	mg/kg wet							
1,1,1-Trichloroethane	0.00018	U	0.0010	mg/kg wet							
1,1,2,2-Tetrachloroethane	0.00020	U	0.0010	mg/kg wet							
1,1,2-Trichloroethane	0.00023	U	0.0010	mg/kg wet							
1,1-Dichloroethane	0.00025	U	0.0010	mg/kg wet							
1,1-Dichloroethene	0.00030	U	0.0010	mg/kg wet							
1,1-Dichloropropene	0.00032	U	0.0010	mg/kg wet							
1,2,3-Trichlorobenzene	0.00021	U	0.0010	mg/kg wet							
1,2,3-Trichloropropane	0.00034	U	0.0010	mg/kg wet							
1,2,4-Trichlorobenzene	0.00027	U	0.0010	mg/kg wet							
1,2,4-Trimethylbenzene	0.00017	U	0.0010	mg/kg wet							
1,2-Dibromo-3-chloropropane	0.00079	U	0.0010	mg/kg wet							
1,2-Dibromoethane	0.00046	U	0.0010	mg/kg wet							
1,2-Dichlorobenzene	0.00027	U	0.0010	mg/kg wet							

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 1C14027 - EPA 5035_MS

Blank (1C14027-BLK1) Continued Prepared: 03/14/2011 15:27 Analyzed: 03/14/2011 18:02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dichloroethane	0.00038	U	0.0010	mg/kg wet							
1,2-Dichloropropane	0.00026	U	0.0010	mg/kg wet							
1,3,5-Trimethylbenzene	0.00020	U	0.0010	mg/kg wet							
1,3-Dichlorobenzene	0.00022	U	0.0010	mg/kg wet							
1,3-Dichloropropane	0.00029	U	0.0010	mg/kg wet							
1,4-Dichlorobenzene	0.00020	U	0.0010	mg/kg wet							
2,2-Dichloropropane	0.00023	U	0.0010	mg/kg wet							
2-Butanone	0.00078	U	0.0050	mg/kg wet							
2-Chloroethyl Vinyl Ether	0.00049	U	0.0050	mg/kg wet							
2-Chlorotoluene	0.00018	U	0.0010	mg/kg wet							
2-Hexanone	0.00075	U	0.0050	mg/kg wet							
4-Chlorotoluene	0.00026	U	0.0010	mg/kg wet							
4-Isopropyltoluene	0.00016	U	0.0010	mg/kg wet							
4-Methyl-2-pentanone	0.00057	U	0.0050	mg/kg wet							
Acetone	0.0012	U	0.0050	mg/kg wet							
Benzene	0.00017	U	0.0010	mg/kg wet							
Bromobenzene	0.00022	U	0.0010	mg/kg wet							
Bromochloromethane	0.00041	U	0.0010	mg/kg wet							
Bromodichloromethane	0.00024	U	0.0010	mg/kg wet							
Bromoform	0.00045	U	0.0010	mg/kg wet							
Bromomethane	0.00023	U	0.0010	mg/kg wet							
Carbon disulfide	0.00039	U	0.0050	mg/kg wet							
Carbon Tetrachloride	0.00022	U	0.0010	mg/kg wet							
Chlorobenzene	0.00017	U	0.0010	mg/kg wet							
Chloroethane	0.00025	U	0.0010	mg/kg wet							
Chloroform	0.00017	U	0.0010	mg/kg wet							
Chloromethane	0.00015	U	0.0010	mg/kg wet							
cis-1,2-Dichloroethene	0.00023	U	0.0010	mg/kg wet							
cis-1,3-Dichloropropene	0.00013	U	0.0010	mg/kg wet							
Dibromochloromethane	0.00035	U	0.0010	mg/kg wet							
Dibromomethane	0.00031	U	0.0010	mg/kg wet							
Dichlorodifluoromethane	0.00045	U	0.0010	mg/kg wet							
Ethylbenzene	0.00020	U	0.0010	mg/kg wet							
Hexachlorobutadiene	0.00035	U	0.0010	mg/kg wet							
Isopropylbenzene	0.00015	U	0.0010	mg/kg wet							
m,p-Xylenes	0.00037	U	0.0020	mg/kg wet							
Methylene Chloride	0.00056	U	0.0020	mg/kg wet							
Methyl-tert-Butyl Ether	0.00030	U	0.0010	mg/kg wet							
Naphthalene	0.00024	U	0.0010	mg/kg wet							
n-Butyl Benzene	0.00022	U	0.0010	mg/kg wet							
n-Propyl Benzene	0.00018	U	0.0010	mg/kg wet							
o-Xylene	0.00022	U	0.0010	mg/kg wet							
sec-Butylbenzene	0.00022	U	0.0010	mg/kg wet							
Styrene	0.00017	U	0.0010	mg/kg wet							
tert-Butylbenzene	0.00016	U	0.0010	mg/kg wet							
Tetrachloroethene	0.00028	U	0.0010	mg/kg wet							
Toluene	0.00020	U	0.0010	mg/kg wet							
trans-1,2-Dichloroethene	0.00037	U	0.0010	mg/kg wet							
trans-1,3-Dichloropropene	0.00039	U	0.0010	mg/kg wet							

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 1C14027 - EPA 5035_MS

Blank (1C14027-BLK1) Continued Prepared: 03/14/2011 15:27 Analyzed: 03/14/2011 18:02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Trichloroethene	0.00027	U	0.0010	mg/kg wet							
Trichlorofluoromethane	0.00026	U	0.0010	mg/kg wet							
Vinyl chloride	0.00024	U	0.0010	mg/kg wet							
Xylenes (Total)	0.00056	U	0.0030	mg/kg wet							
Surrogate: 4-Bromofluorobenzene	*46*			*ug/L*	*50.0*		*91*	*61-118*			
Surrogate: Dibromofluoromethane	*42*			*ug/L*	*50.0*		*83*	*66-114*			
Surrogate: Toluene-d8	*46*			*ug/L*	*50.0*		*92*	*63-118*			

LCS (1C14027-BS1) Prepared: 03/14/2011 15:27 Analyzed: 03/14/2011 18:31

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	21		1.0	ug/L	20.0		103	64-133			
Benzene	20		1.0	ug/L	20.0		101	79-129			
Chlorobenzene	22		1.0	ug/L	20.0		108	79-121			
Toluene	21		1.0	ug/L	20.0		103	77-120			
Trichloroethene	21		1.0	ug/L	20.0		106	78-118			
Surrogate: 4-Bromofluorobenzene	*47*			*ug/L*	*50.0*		*95*	*61-118*			
Surrogate: Dibromofluoromethane	*42*			*ug/L*	*50.0*		*83*	*66-114*			
Surrogate: Toluene-d8	*46*			*ug/L*	*50.0*		*93*	*63-118*			

Matrix Spike (1C14027-MS1) Prepared: 03/14/2011 15:27 Analyzed: 03/14/2011 19:00

Source: C102873-06

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	21		1.0	ug/L	20.0	0.30 U	104	64-133			
Benzene	20		1.0	ug/L	20.0	0.17 U	102	79-129			
Chlorobenzene	22		1.0	ug/L	20.0	0.17 U	109	79-121			
Toluene	20		1.0	ug/L	20.0	0.24 U	102	77-120			
Trichloroethene	21		1.0	ug/L	20.0	0.32 U	103	78-118			
Surrogate: 4-Bromofluorobenzene	*47*			*ug/L*	*50.0*		*94*	*61-118*			
Surrogate: Dibromofluoromethane	*41*			*ug/L*	*50.0*		*83*	*66-114*			
Surrogate: Toluene-d8	*46*			*ug/L*	*50.0*		*92*	*63-118*			

Matrix Spike Dup (1C14027-MSD1) Prepared: 03/14/2011 15:27 Analyzed: 03/14/2011 19:28

Source: C102873-06

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	20		1.0	ug/L	20.0	0.30 U	101	64-133	3	23	
Benzene	20		1.0	ug/L	20.0	0.17 U	101	79-129	0.9	23	
Chlorobenzene	22		1.0	ug/L	20.0	0.17 U	108	79-121	0.8	25	
Toluene	21		1.0	ug/L	20.0	0.24 U	103	77-120	1	23	
Trichloroethene	21		1.0	ug/L	20.0	0.32 U	103	78-118	0.2	24	
Surrogate: 4-Bromofluorobenzene	*46*			*ug/L*	*50.0*		*93*	*61-118*			
Surrogate: Dibromofluoromethane	*42*			*ug/L*	*50.0*		*83*	*66-114*			
Surrogate: Toluene-d8	*47*			*ug/L*	*50.0*		*94*	*63-118*			

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QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 1C16008 - EPA 3550C_MS

Blank (1C16008-BLK1) Prepared: 03/16/2011 07:57 Analyzed: 03/16/2011 19:17

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	0.026	U	0.33	mg/kg wet							
1,2-Dichlorobenzene	0.023	U	0.33	mg/kg wet							
1,3-Dichlorobenzene	0.020	U	0.33	mg/kg wet							
1,4-Dichlorobenzene	0.021	U	0.33	mg/kg wet							
1-Methylnaphthalene	0.027	U	0.33	mg/kg wet							
2,4,5-Trichlorophenol	0.027	U	0.33	mg/kg wet							
2,4,6-Trichlorophenol	0.027	U	0.33	mg/kg wet							
2,4-Dichlorophenol	0.024	U	0.33	mg/kg wet							
2,4-Dimethylphenol	0.043	U	0.33	mg/kg wet							
2,4-Dinitrophenol	0.043	U	0.33	mg/kg wet							
2,4-Dinitrotoluene	0.028	U	0.33	mg/kg wet							
2,6-Dinitrotoluene	0.031	U	0.33	mg/kg wet							
2-Chloronaphthalene	0.028	U	0.33	mg/kg wet							
2-Chlorophenol	0.025	U	0.33	mg/kg wet							
2-Methyl-4,6-dinitrophenol	0.033	U	0.33	mg/kg wet							
2-Methylnaphthalene	0.028	U	0.33	mg/kg wet							
2-Methylphenol	0.025	U	0.33	mg/kg wet							
2-Nitroaniline	0.030	U	0.33	mg/kg wet							
2-Nitrophenol	0.031	U	0.33	mg/kg wet							
3 & 4-Methylphenol	0.026	U	0.33	mg/kg wet							
3,3'-Dichlorobenzidine	0.098	U	0.33	mg/kg wet							
3-Nitroaniline	0.036	U	0.33	mg/kg wet							
4-Bromophenyl-phenylether	0.027	U	0.33	mg/kg wet							
4-Chloro-3-methylphenol	0.033	U	0.33	mg/kg wet							
4-Chloroaniline	0.093	U	0.33	mg/kg wet							
4-Chlorophenyl-phenylether	0.026	U	0.33	mg/kg wet							
4-Nitroaniline	0.053	U	0.33	mg/kg wet							
4-Nitrophenol	0.031	U	0.33	mg/kg wet							
Acenaphthene	0.028	U	0.33	mg/kg wet							
Acenaphthylene	0.028	U	0.33	mg/kg wet							
Anthracene	0.038	U	0.33	mg/kg wet							
Benzidine	0.11	U	0.33	mg/kg wet							QV-01
Benzo(a)anthracene	0.028	U	0.33	mg/kg wet							
Benzo(a)pyrene	0.033	U	0.33	mg/kg wet							
Benzo(b)fluoranthene	0.018	U	0.33	mg/kg wet							
Benzo(g,h,i)perylene	0.047	U	0.33	mg/kg wet							
Benzo(k)fluoranthene	0.033	U	0.33	mg/kg wet							
Benzoic acid	0.15	U	1.7	mg/kg wet							
Benzyl alcohol	0.023	U	0.33	mg/kg wet							
Bis(2-chloroethoxy)methane	0.025	U	0.33	mg/kg wet							
Bis(2-chloroethyl)ether	0.043	U	0.33	mg/kg wet							
Bis(2-chloroisopropyl)ether	0.024	U	0.33	mg/kg wet							
Bis(2-ethylhexyl)phthalate	0.035	U	0.33	mg/kg wet							
Butylbenzylphthalate	0.040	U	0.33	mg/kg wet							
Chrysene	0.030	U	0.33	mg/kg wet							
Dibenzo(a,h)anthracene	0.051	U	0.33	mg/kg wet							
Dibenzofuran	0.027	U	0.33	mg/kg wet							
Diethylphthalate	0.028	U	0.33	mg/kg wet							
Dimethylphthalate	0.033	U	0.33	mg/kg wet							

QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 1C16008 - EPA 3550C_MS

Blank (1C16008-BLK1) Continued Prepared: 03/16/2011 07:57 Analyzed: 03/16/2011 19:17

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Di-n-butylphthalate	0.041	U	0.33	mg/kg wet							
Di-n-octylphthalate	0.033	U	0.33	mg/kg wet							
Fluoranthene	0.036	U	0.33	mg/kg wet							
Fluorene	0.029	U	0.33	mg/kg wet							
Hexachlorobenzene	0.026	U	0.33	mg/kg wet							
Hexachlorobutadiene	0.026	U	0.33	mg/kg wet							
Hexachlorocyclopentadiene	0.039	U	0.33	mg/kg wet							
Hexachloroethane	0.021	U	0.33	mg/kg wet							
Indeno(1,2,3-cd)pyrene	0.047	U	0.33	mg/kg wet							
Isophorone	0.030	U	0.33	mg/kg wet							
Naphthalene	0.028	U	0.33	mg/kg wet							
Nitrobenzene	0.026	U	0.33	mg/kg wet							
N-Nitrosodimethylamine	0.021	U	0.33	mg/kg wet							
N-Nitroso-di-n-propylamine	0.081	U	0.33	mg/kg wet							
N-nitrosodiphenylamine/Diphenylamine	0.054	U	0.33	mg/kg wet							
Pentachlorophenol	0.033	U	0.33	mg/kg wet							QV-01
Phenanthrene	0.027	U	0.33	mg/kg wet							
Phenol	0.022	U	0.33	mg/kg wet							
Pyrene	0.038	U	0.33	mg/kg wet							
Pyridine	0.082	U	0.33	mg/kg wet							
Surrogate: 2,4,6-Tribromophenol	*2.7*			*mg/kg wet*	*3.33*		*82*	*28-130*			
Surrogate: 2-Fluorobiphenyl	*1.4*			*mg/kg wet*	*1.67*		*85*	*56-120*			
Surrogate: 2-Fluorophenol	*2.3*			*mg/kg wet*	*3.33*		*70*	*49-126*			
Surrogate: Nitrobenzene-d5	*1.3*			*mg/kg wet*	*1.67*		*79*	*50-117*			
Surrogate: Phenol-d5	*2.5*			*mg/kg wet*	*3.33*		*76*	*56-120*			
Surrogate: Terphenyl-d14	*1.5*			*mg/kg wet*	*1.67*		*91*	*36-151*			

LCS (1C16008-BS1) Prepared: 03/16/2011 07:57 Analyzed: 03/16/2011 19:44

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.3		0.33	mg/kg wet	1.67		80	51-121			
1,4-Dichlorobenzene	1.3		0.33	mg/kg wet	1.67		78	48-118			
2,4-Dinitrotoluene	1.5		0.33	mg/kg wet	1.67		91	63-127			
2-Chlorophenol	1.3		0.33	mg/kg wet	1.67		79	56-120			
4-Chloro-3-methylphenol	1.4		0.33	mg/kg wet	1.67		84	59-121			
4-Nitrophenol	1.5		0.33	mg/kg wet	1.67		90	73-147			
Acenaphthene	1.4		0.33	mg/kg wet	1.67		85	64-131			
N-Nitroso-di-n-propylamine	1.4		0.33	mg/kg wet	1.67		82	55-135			
Pentachlorophenol	1.8		0.33	mg/kg wet	1.67		109	45-117			
Phenol	1.2		0.33	mg/kg wet	1.67		74	54-121			
Pyrene	1.5		0.33	mg/kg wet	1.67		88	65-146			
Surrogate: 2,4,6-Tribromophenol	*2.9*			*mg/kg wet*	*3.33*		*88*	*28-130*			
Surrogate: 2-Fluorobiphenyl	*1.4*			*mg/kg wet*	*1.67*		*84*	*56-120*			
Surrogate: 2-Fluorophenol	*2.4*			*mg/kg wet*	*3.33*		*73*	*49-126*			
Surrogate: Nitrobenzene-d5	*1.3*			*mg/kg wet*	*1.67*		*80*	*50-117*			
Surrogate: Phenol-d5	*2.5*			*mg/kg wet*	*3.33*		*76*	*56-120*			
Surrogate: Terphenyl-d14	*1.5*			*mg/kg wet*	*1.67*		*89*	*36-151*			

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QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 1C16008 - EPA 3550C_MS

Matrix Spike (1C16008-MS1) Prepared: 03/16/2011 07:57 Analyzed: 03/16/2011 20:11

Source: C102192-05

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.7		0.41	mg/kg dry	2.08	0.032 U	80	51-121			
1,4-Dichlorobenzene	1.6		0.41	mg/kg dry	2.08	0.026 U	78	48-118			
2,4-Dinitrotoluene	1.9		0.41	mg/kg dry	2.08	0.035 U	93	63-127			
2-Chlorophenol	1.6		0.41	mg/kg dry	2.08	0.031 U	79	56-120			
4-Chloro-3-methylphenol	1.8		0.41	mg/kg dry	2.08	0.041 U	85	59-121			
4-Nitrophenol	1.9		0.41	mg/kg dry	2.08	0.039 U	92	73-147			
Acenaphthene	1.8		0.41	mg/kg dry	2.08	0.035 U	86	64-131			
N-Nitroso-di-n-propylamine	1.7		0.41	mg/kg dry	2.08	0.10 U	82	55-135			
Pentachlorophenol	2.3		0.41	mg/kg dry	2.08	0.041 U	110	45-117			
Phenol	1.6		0.41	mg/kg dry	2.08	0.027 U	77	54-121			
Pyrene	1.9		0.41	mg/kg dry	2.08	0.047 U	89	65-146			
Surrogate: 2,4,6-Tribromophenol	*3.6*			*mg/kg dry*	*4.15*		*86*	*28-130*			
Surrogate: 2-Fluorobiphenyl	*1.7*			*mg/kg dry*	*2.08*		*80*	*56-120*			
Surrogate: 2-Fluorophenol	*3.1*			*mg/kg dry*	*4.15*		*74*	*49-126*			
Surrogate: Nitrobenzene-d5	*1.6*			*mg/kg dry*	*2.08*		*78*	*50-117*			
Surrogate: Phenol-d5	*3.2*			*mg/kg dry*	*4.15*		*77*	*56-120*			
Surrogate: Terphenyl-d14	*1.8*			*mg/kg dry*	*2.08*		*86*	*36-151*			

Matrix Spike Dup (1C16008-MSD1) Prepared: 03/16/2011 07:57 Analyzed: 03/16/2011 20:38

Source: C102192-05

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.7		0.41	mg/kg dry	2.08	0.032 U	81	51-121	0.9	10	
1,4-Dichlorobenzene	1.6		0.41	mg/kg dry	2.08	0.026 U	78	48-118	0.08	13	
2,4-Dinitrotoluene	1.9		0.41	mg/kg dry	2.08	0.035 U	92	63-127	1	10	
2-Chlorophenol	1.6		0.41	mg/kg dry	2.08	0.031 U	79	56-120	0.2	11	
4-Chloro-3-methylphenol	1.8		0.41	mg/kg dry	2.08	0.041 U	86	59-121	1	10	
4-Nitrophenol	1.8		0.41	mg/kg dry	2.08	0.039 U	89	73-147	4	10	
Acenaphthene	1.7		0.41	mg/kg dry	2.08	0.035 U	84	64-131	2	19	
N-Nitroso-di-n-propylamine	1.7		0.41	mg/kg dry	2.08	0.10 U	82	55-135	0.5	10	
Pentachlorophenol	2.3		0.41	mg/kg dry	2.08	0.041 U	109	45-117	0.8	10	
Phenol	1.6		0.41	mg/kg dry	2.08	0.027 U	76	54-121	1	13	
Pyrene	1.9		0.41	mg/kg dry	2.08	0.047 U	89	65-146	0.1	50	
Surrogate: 2,4,6-Tribromophenol	*3.5*			*mg/kg dry*	*4.15*		*85*	*28-130*			
Surrogate: 2-Fluorobiphenyl	*1.6*			*mg/kg dry*	*2.08*		*77*	*56-120*			
Surrogate: 2-Fluorophenol	*3.1*			*mg/kg dry*	*4.15*		*74*	*49-126*			
Surrogate: Nitrobenzene-d5	*1.6*			*mg/kg dry*	*2.08*		*78*	*50-117*			
Surrogate: Phenol-d5	*3.2*			*mg/kg dry*	*4.15*		*77*	*56-120*			
Surrogate: Terphenyl-d14	*1.8*			*mg/kg dry*	*2.08*		*85*	*36-151*			

Batch 1C18001 - EPA 3550C_MS

Blank (1C18001-BLK1) Prepared: 03/18/2011 02:05 Analyzed: 03/18/2011 15:38

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	0.026	U	0.33	mg/kg wet							

QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 1C18001 - EPA 3550C_MS

Blank (1C18001-BLK1) Continued Prepared: 03/18/2011 02:05 Analyzed: 03/18/2011 15:38

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2-Dichlorobenzene	0.023	U	0.33	mg/kg wet							
1,3-Dichlorobenzene	0.020	U	0.33	mg/kg wet							
1,4-Dichlorobenzene	0.021	U	0.33	mg/kg wet							
1-Methylnaphthalene	0.027	U	0.33	mg/kg wet							
2,4,5-Trichlorophenol	0.027	U	0.33	mg/kg wet							
2,4,6-Trichlorophenol	0.027	U	0.33	mg/kg wet							
2,4-Dichlorophenol	0.024	U	0.33	mg/kg wet							
2,4-Dimethylphenol	0.043	U	0.33	mg/kg wet							
2,4-Dinitrophenol	0.043	U	0.33	mg/kg wet							
2,4-Dinitrotoluene	0.028	U	0.33	mg/kg wet							
2,6-Dinitrotoluene	0.031	U	0.33	mg/kg wet							
2-Chloronaphthalene	0.028	U	0.33	mg/kg wet							
2-Chlorophenol	0.025	U	0.33	mg/kg wet							
2-Methyl-4,6-dinitrophenol	0.033	U	0.33	mg/kg wet							
2-Methylnaphthalene	0.028	U	0.33	mg/kg wet							
2-Methylphenol	0.025	U	0.33	mg/kg wet							
2-Nitroaniline	0.030	U	0.33	mg/kg wet							
2-Nitrophenol	0.031	U	0.33	mg/kg wet							
3 & 4-Methylphenol	0.026	U	0.33	mg/kg wet							
3,3'-Dichlorobenzidine	0.098	U	0.33	mg/kg wet							
3-Nitroaniline	0.036	U	0.33	mg/kg wet							
4-Bromophenyl-phenylether	0.027	U	0.33	mg/kg wet							
4-Chloro-3-methylphenol	0.033	U	0.33	mg/kg wet							
4-Chloroaniline	0.093	U	0.33	mg/kg wet							
4-Chlorophenyl-phenylether	0.026	U	0.33	mg/kg wet							
4-Nitroaniline	0.053	U	0.33	mg/kg wet							
4-Nitrophenol	0.031	U	0.33	mg/kg wet							
Acenaphthene	0.028	U	0.33	mg/kg wet							
Acenaphthylene	0.028	U	0.33	mg/kg wet							
Anthracene	0.038	U	0.33	mg/kg wet							
Benzidine	0.11	U	0.33	mg/kg wet							QV-01
Benzo(a)anthracene	0.028	U	0.33	mg/kg wet							
Benzo(a)pyrene	0.033	U	0.33	mg/kg wet							
Benzo(b)fluoranthene	0.018	U	0.33	mg/kg wet							
Benzo(g,h,i)perylene	0.047	U	0.33	mg/kg wet							
Benzo(k)fluoranthene	0.033	U	0.33	mg/kg wet							
Benzoic acid	0.15	U	1.7	mg/kg wet							
Benzyl alcohol	0.023	U	0.33	mg/kg wet							
Bis(2-chloroethoxy)methane	0.025	U	0.33	mg/kg wet							
Bis(2-chloroethyl)ether	0.043	U	0.33	mg/kg wet							
Bis(2-chloroisopropyl)ether	0.024	U	0.33	mg/kg wet							
Bis(2-ethylhexyl)phthalate	0.035	U	0.33	mg/kg wet							
Butylbenzylphthalate	0.040	U	0.33	mg/kg wet							
Chrysene	0.030	U	0.33	mg/kg wet							
Dibenzo(a,h)anthracene	0.051	U	0.33	mg/kg wet							
Dibenzofuran	0.027	U	0.33	mg/kg wet							
Diethylphthalate	0.028	U	0.33	mg/kg wet							
Dimethylphthalate	0.033	U	0.33	mg/kg wet							
Di-n-butylphthalate	0.041	U	0.33	mg/kg wet							

QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 1C18001 - EPA 3550C_MS

Blank (1C18001-BLK1) Continued Prepared: 03/18/2011 02:05 Analyzed: 03/18/2011 15:38

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Di-n-octylphthalate	0.033	U	0.33	mg/kg wet							
Fluoranthene	0.036	U	0.33	mg/kg wet							
Fluorene	0.029	U	0.33	mg/kg wet							
Hexachlorobenzene	0.026	U	0.33	mg/kg wet							
Hexachlorobutadiene	0.026	U	0.33	mg/kg wet							
Hexachlorocyclopentadiene	0.039	U	0.33	mg/kg wet							
Hexachloroethane	0.021	U	0.33	mg/kg wet							
Indeno(1,2,3-cd)pyrene	0.047	U	0.33	mg/kg wet							
Isophorone	0.030	U	0.33	mg/kg wet							
Naphthalene	0.028	U	0.33	mg/kg wet							
Nitrobenzene	0.026	U	0.33	mg/kg wet							
N-Nitrosodimethylamine	0.021	U	0.33	mg/kg wet							
N-Nitroso-di-n-propylamine	0.081	U	0.33	mg/kg wet							
N-nitrosodiphenylamine/Diphenylamine	0.054	U	0.33	mg/kg wet							
Pentachlorophenol	0.033	U	0.33	mg/kg wet							QV-01
Phenanthrene	0.027	U	0.33	mg/kg wet							
Phenol	0.022	U	0.33	mg/kg wet							
Pyrene	0.038	U	0.33	mg/kg wet							
Pyridine	0.082	U	0.33	mg/kg wet							
Surrogate: 2,4,6-Tribromophenol	*3.2*			*mg/kg wet*	*3.33*		*95*	*28-130*			
Surrogate: 2-Fluorobiphenyl	*1.5*			*mg/kg wet*	*1.67*		*92*	*56-120*			
Surrogate: 2-Fluorophenol	*2.5*			*mg/kg wet*	*3.33*		*74*	*49-126*			
Surrogate: Nitrobenzene-d5	*1.3*			*mg/kg wet*	*1.67*		*80*	*50-117*			
Surrogate: Phenol-d5	*2.7*			*mg/kg wet*	*3.33*		*81*	*56-120*			
Surrogate: Terphenyl-d14	*1.7*			*mg/kg wet*	*1.67*		*99*	*36-151*			

LCS (1C18001-BS1) Prepared: 03/18/2011 02:05 Analyzed: 03/18/2011 16:05

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.4		0.33	mg/kg wet	1.67		85	51-121			
1,4-Dichlorobenzene	1.3		0.33	mg/kg wet	1.67		78	48-118			
2,4-Dinitrotoluene	1.7		0.33	mg/kg wet	1.67		100	63-127			
2-Chlorophenol	1.3		0.33	mg/kg wet	1.67		80	56-120			
4-Chloro-3-methylphenol	1.6		0.33	mg/kg wet	1.67		94	59-121			
4-Nitrophenol	1.5		0.33	mg/kg wet	1.67		91	73-147			
Acenaphthene	1.5		0.33	mg/kg wet	1.67		92	64-131			
N-Nitroso-di-n-propylamine	1.4		0.33	mg/kg wet	1.67		86	55-135			
Pentachlorophenol	2.1		0.33	mg/kg wet	1.67		123	45-117			
Phenol	1.3		0.33	mg/kg wet	1.67		79	54-121			
Pyrene	1.6		0.33	mg/kg wet	1.67		96	65-146			
Surrogate: 2,4,6-Tribromophenol	*3.3*			*mg/kg wet*	*3.33*		*99*	*28-130*			
Surrogate: 2-Fluorobiphenyl	*1.5*			*mg/kg wet*	*1.67*		*91*	*56-120*			
Surrogate: 2-Fluorophenol	*2.5*			*mg/kg wet*	*3.33*		*74*	*49-126*			
Surrogate: Nitrobenzene-d5	*1.4*			*mg/kg wet*	*1.67*		*82*	*50-117*			
Surrogate: Phenol-d5	*2.7*			*mg/kg wet*	*3.33*		*82*	*56-120*			
Surrogate: Terphenyl-d14	*1.6*			*mg/kg wet*	*1.67*		*97*	*36-151*			

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QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 1C18001 - EPA 3550C_MS

Matrix Spike (1C18001-MS1) Prepared: 03/18/2011 02:05 Analyzed: 03/18/2011 16:32

Source: C102185-06

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.8		0.41	mg/kg dry	2.07	0.032 U	87	51-121			
1,4-Dichlorobenzene	1.7		0.41	mg/kg dry	2.07	0.026 U	82	48-118			
2,4-Dinitrotoluene	2.0		0.41	mg/kg dry	2.07	0.035 U	98	63-127			
2-Chlorophenol	1.8		0.41	mg/kg dry	2.07	0.031 U	86	56-120			
4-Chloro-3-methylphenol	2.0		0.41	mg/kg dry	2.07	0.041 U	97	59-121			
4-Nitrophenol	1.9		0.41	mg/kg dry	2.07	0.038 U	94	73-147			
Acenaphthene	1.9		0.41	mg/kg dry	2.07	0.035 U	94	64-131			
N-Nitroso-di-n-propylamine	1.9		0.41	mg/kg dry	2.07	0.10 U	93	55-135			
Pentachlorophenol	2.7		0.41	mg/kg dry	2.07	0.041 U	132	45-117			
Phenol	1.7		0.41	mg/kg dry	2.07	0.027 U	84	54-121			
Pyrene	2.0		0.41	mg/kg dry	2.07	0.047 U	96	65-146			
Surrogate: 2,4,6-Tribromophenol	*4.0*			*mg/kg dry*	*4.13*		*97*	*28-130*			
Surrogate: 2-Fluorobiphenyl	*1.9*			*mg/kg dry*	*2.07*		*90*	*56-120*			
Surrogate: 2-Fluorophenol	*3.1*			*mg/kg dry*	*4.13*		*76*	*49-126*			
Surrogate: Nitrobenzene-d5	*1.7*			*mg/kg dry*	*2.07*		*84*	*50-117*			
Surrogate: Phenol-d5	*3.5*			*mg/kg dry*	*4.13*		*84*	*56-120*			
Surrogate: Terphenyl-d14	*1.8*			*mg/kg dry*	*2.07*		*88*	*36-151*			

Matrix Spike Dup (1C18001-MSD1) Prepared: 03/18/2011 02:05 Analyzed: 03/18/2011 17:00

Source: C102185-06

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.8		0.41	mg/kg dry	2.07	0.032 U	86	51-121	0.7	10	
1,4-Dichlorobenzene	1.7		0.41	mg/kg dry	2.07	0.026 U	80	48-118	3	13	
2,4-Dinitrotoluene	2.0		0.41	mg/kg dry	2.07	0.035 U	97	63-127	1	10	
2-Chlorophenol	1.7		0.41	mg/kg dry	2.07	0.031 U	83	56-120	3	11	
4-Chloro-3-methylphenol	2.0		0.41	mg/kg dry	2.07	0.041 U	95	59-121	1	10	
4-Nitrophenol	1.8		0.41	mg/kg dry	2.07	0.038 U	88	73-147	6	10	
Acenaphthene	1.9		0.41	mg/kg dry	2.07	0.035 U	90	64-131	4	19	
N-Nitroso-di-n-propylamine	1.9		0.41	mg/kg dry	2.07	0.10 U	91	55-135	3	10	
Pentachlorophenol	2.5		0.41	mg/kg dry	2.07	0.041 U	122	45-117	8	10	
Phenol	1.7		0.41	mg/kg dry	2.07	0.027 U	84	54-121	0.5	13	
Pyrene	1.8		0.41	mg/kg dry	2.07	0.047 U	87	65-146	10	50	
Surrogate: 2,4,6-Tribromophenol	*3.9*			*mg/kg dry*	*4.13*		*95*	*28-130*			
Surrogate: 2-Fluorobiphenyl	*1.8*			*mg/kg dry*	*2.07*		*89*	*56-120*			
Surrogate: 2-Fluorophenol	*3.1*			*mg/kg dry*	*4.13*		*76*	*49-126*			
Surrogate: Nitrobenzene-d5	*1.7*			*mg/kg dry*	*2.07*		*83*	*50-117*			
Surrogate: Phenol-d5	*3.4*			*mg/kg dry*	*4.13*		*84*	*56-120*			
Surrogate: Terphenyl-d14	*1.7*			*mg/kg dry*	*2.07*		*84*	*36-151*			

Organochlorine Pesticides by GC - Quality Control

Batch 1C16022 - EPA 3550C

Blank (1C16022-BLK1) Prepared: 03/16/2011 10:52 Analyzed: 03/17/2011 15:35

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

QUALITY CONTROL

Organochlorine Pesticides by GC - Quality Control

Batch 1C16022 - EPA 3550C

Blank (1C16022-BLK1) Continued Prepared: 03/16/2011 10:52 Analyzed: 03/17/2011 15:35

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
4,4'-DDD	0.00032	U	0.0017	mg/kg wet							
4,4'-DDE	0.00041	U	0.0017	mg/kg wet							
4,4'-DDT	0.00052	U	0.0017	mg/kg wet							
Aldrin	0.00036	U	0.0017	mg/kg wet							
alpha-BHC	0.00049	U	0.0017	mg/kg wet							
beta-BHC	0.00071	U	0.0017	mg/kg wet							
Chlordane (tech)	0.0011	U	0.033	mg/kg wet							
Chlordane-alpha	0.00046	U	0.0017	mg/kg wet							
Chlordane-gamma	0.00060	U	0.0017	mg/kg wet							
delta-BHC	0.00030	U	0.0017	mg/kg wet							
Dieldrin	0.00032	U	0.0017	mg/kg wet							
Endosulfan I	0.00041	U	0.0017	mg/kg wet							
Endosulfan II	0.00039	U	0.0017	mg/kg wet							
Endosulfan sulfate	0.00048	U	0.0017	mg/kg wet							
Endrin	0.00039	U	0.0017	mg/kg wet							
Endrin aldehyde	0.00034	U	0.0017	mg/kg wet							
Endrin ketone	0.00030	U	0.0017	mg/kg wet							
gamma-BHC	0.00042	U	0.0017	mg/kg wet							
Heptachlor	0.00046	U	0.0017	mg/kg wet							
Heptachlor epoxide	0.00043	U	0.0017	mg/kg wet							
Isodrin	0.00036	U	0.0017	mg/kg wet							
Methoxychlor	0.00042	U	0.0017	mg/kg wet							
Mirex	0.00056	U	0.0017	mg/kg wet							
Toxaphene	0.010	U	0.017	mg/kg wet							
Surrogate: 2,4,5,6-TCMX	*0.041*			*mg/kg wet*	*0.0333*		*123*	*59-137*			
Surrogate: Decachlorobiphenyl	*0.047*			*mg/kg wet*	*0.0333*		*140*	*60-140*			

LCS (1C16022-BS1) Prepared: 03/16/2011 10:52 Analyzed: 03/17/2011 18:13

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
4,4'-DDT	0.036		0.0017	mg/kg wet	0.0333		107	38-142			
Dieldrin	0.037		0.0017	mg/kg wet	0.0333		110	51-129			
Endrin	0.037		0.0017	mg/kg wet	0.0333		110	51-126			
Surrogate: 2,4,5,6-TCMX	*0.039*			*mg/kg wet*	*0.0333*		*118*	*59-137*			
Surrogate: Decachlorobiphenyl	*0.042*			*mg/kg wet*	*0.0333*		*127*	*60-140*			

Matrix Spike (1C16022-MS1) Prepared: 03/16/2011 10:52 Analyzed: 03/17/2011 18:26

Source: C102268-15

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
4,4'-DDT	0.051		0.0024	mg/kg dry	0.0472	0.00074 U	109	38-142			
Dieldrin	0.053		0.0024	mg/kg dry	0.0472	0.00045 U	113	51-129			
Endrin	0.052		0.0024	mg/kg dry	0.0472	0.00055 U	109	51-126			
Surrogate: 2,4,5,6-TCMX	*0.049*			*mg/kg dry*	*0.0472*		*104*	*59-137*			
Surrogate: Decachlorobiphenyl	*0.058*			*mg/kg dry*	*0.0472*		*123*	*60-140*			

Matrix Spike Dup (1C16022-MSD1) Prepared: 03/16/2011 10:52 Analyzed: 03/17/2011 18:39

QUALITY CONTROL

Organochlorine Pesticides by GC - Quality Control

Batch 1C16022 - EPA 3550C

Matrix Spike Dup (1C16022-MSD1) Continued Prepared: 03/16/2011 10:52 Analyzed: 03/17/2011 18:39

Source: C102268-15

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
4,4'-DDT	0.046		0.0024	mg/kg dry	0.0472	0.00074 U	96	38-142	12	42	
Dieldrin	0.048		0.0024	mg/kg dry	0.0472	0.00045 U	101	51-129	11	40	
Endrin	0.041		0.0024	mg/kg dry	0.0472	0.00055 U	88	51-126	22	33	
Surrogate: 2,4,5,6-TCMX	*0.048*			*mg/kg dry*	*0.0472*		*102*	*59-137*			
Surrogate: Decachlorobiphenyl	*0.052*			*mg/kg dry*	*0.0472*		*110*	*60-140*			

Batch 1C17033 - EPA 3550C

Blank (1C17033-BLK1) Prepared: 03/17/2011 17:32 Analyzed: 03/21/2011 10:48

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
4,4'-DDD	0.00032	U	0.0017	mg/kg wet							
4,4'-DDE	0.00041	U	0.0017	mg/kg wet							
4,4'-DDT	0.00052	U	0.0017	mg/kg wet							
Aldrin	0.00036	U	0.0017	mg/kg wet							
alpha-BHC	0.00049	U	0.0017	mg/kg wet							
beta-BHC	0.00071	U	0.0017	mg/kg wet							
Chlordane (tech)	0.0011	U	0.033	mg/kg wet							
Chlordane-alpha	0.00046	U	0.0017	mg/kg wet							
Chlordane-gamma	0.00060	U	0.0017	mg/kg wet							
delta-BHC	0.00030	U	0.0017	mg/kg wet							
Dieldrin	0.00032	U	0.0017	mg/kg wet							
Endosulfan I	0.00041	U	0.0017	mg/kg wet							
Endosulfan II	0.00039	U	0.0017	mg/kg wet							
Endosulfan sulfate	0.00048	U	0.0017	mg/kg wet							
Endrin	0.00039	U	0.0017	mg/kg wet							
Endrin aldehyde	0.00034	U	0.0017	mg/kg wet							
Endrin ketone	0.00030	U	0.0017	mg/kg wet							
gamma-BHC	0.00042	U	0.0017	mg/kg wet							
Heptachlor	0.00046	U	0.0017	mg/kg wet							
Heptachlor epoxide	0.00043	U	0.0017	mg/kg wet							
Isodrin	0.00036	U	0.0017	mg/kg wet							
Methoxychlor	0.00042	U	0.0017	mg/kg wet							
Mirex	0.00056	U	0.0017	mg/kg wet							
Toxaphene	0.010	U	0.017	mg/kg wet							
Surrogate: 2,4,5,6-TCMX [2C]	*0.042*			*mg/kg wet*	*0.0333*		*126*	*59-137*			
Surrogate: Decachlorobiphenyl	*0.047*			*mg/kg wet*	*0.0333*		*140*	*60-140*			

LCS (1C17033-BS1) Prepared: 03/17/2011 17:32 Analyzed: 03/21/2011 11:01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
4,4'-DDT	0.044		0.0017	mg/kg wet	0.0333		133	38-142			
Dieldrin	0.044		0.0017	mg/kg wet	0.0333		132	51-129			QL-02
Endrin	0.045		0.0017	mg/kg wet	0.0333		134	51-126			QL-02
Surrogate: 2,4,5,6-TCMX [2C]	*0.043*			*mg/kg wet*	*0.0333*		*130*	*59-137*			
Surrogate: Decachlorobiphenyl	*0.046*			*mg/kg wet*	*0.0333*		*138*	*60-140*			

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QUALITY CONTROL

Organochlorine Pesticides by GC - Quality Control

Batch 1C17033 - EPA 3550C

Matrix Spike (1C17033-MS1) Prepared: 03/17/2011 17:32 Analyzed: 03/21/2011 11:14

Source: C102268-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
4,4'-DDT	0.048		0.0020	mg/kg dry	0.0384	0.00060 U	124	38-142			
Dieldrin	0.045		0.0020	mg/kg dry	0.0384	0.00037 U	118	51-129			
Endrin	0.047		0.0020	mg/kg dry	0.0384	0.00045 U	122	51-126			
Surrogate: 2,4,5,6-TCMX [2C]	*0.050*			*mg/kg dry*	*0.0384*		*131*	*59-137*			
Surrogate: Decachlorobiphenyl	*0.051*			*mg/kg dry*	*0.0384*		*132*	*60-140*			

Matrix Spike Dup (1C17033-MSD1) Prepared: 03/17/2011 17:32 Analyzed: 03/21/2011 11:27

Source: C102268-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
4,4'-DDT	0.049		0.0020	mg/kg dry	0.0384	0.00060 U	128	38-142	3	42	
Dieldrin	0.048		0.0020	mg/kg dry	0.0384	0.00037 U	124	51-129	5	40	
Endrin	0.049		0.0020	mg/kg dry	0.0384	0.00045 U	128	51-126	5	33	QM-07
Surrogate: 2,4,5,6-TCMX [2C]	*0.051*			*mg/kg dry*	*0.0384*		*132*	*59-137*			
Surrogate: Decachlorobiphenyl [2C]	*0.054*			*mg/kg dry*	*0.0384*		*140*	*60-140*			

Polychlorinated Biphenyls by GC - Quality Control

Batch 1C16024 - EPA 3550C

Blank (1C16024-BLK1) Prepared: 03/16/2011 10:54 Analyzed: 03/17/2011 15:35

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
PCB-1016/1242	0.0076	U	0.017	mg/kg wet							
PCB-1221	0.0052	U	0.017	mg/kg wet							
PCB-1232	0.0052	U	0.017	mg/kg wet							
PCB-1248	0.0052	U	0.017	mg/kg wet							
PCB-1254	0.0052	U	0.017	mg/kg wet							
PCB-1260	0.0041	U	0.017	mg/kg wet							
Surrogate: 2,4,5,6-TCMX	*0.037*			*mg/kg wet*	*0.0333*		*110*	*44-168*			
Surrogate: Decachlorobiphenyl	*0.037*			*mg/kg wet*	*0.0333*		*110*	*51-154*			

LCS (1C16024-BS1) Prepared: 03/16/2011 10:54 Analyzed: 03/17/2011 15:48

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
PCB-1016/1242	0.36		0.017	mg/kg wet	0.333		108	18-178			
PCB-1260	0.37		0.017	mg/kg wet	0.333		110	59-144			
Surrogate: 2,4,5,6-TCMX	*0.033*			*mg/kg wet*	*0.0333*		*100*	*44-168*			
Surrogate: Decachlorobiphenyl	*0.033*			*mg/kg wet*	*0.0333*		*100*	*51-154*			

Matrix Spike (1C16024-MS1) Prepared: 03/16/2011 10:54 Analyzed: 03/17/2011 16:01

Source: C102268-15

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
PCB-1016/1242	0.40		0.024	mg/kg dry	0.472	0.011 U	85	18-178			

QUALITY CONTROL

Polychlorinated Biphenyls by GC - Quality Control

Batch 1C16024 - EPA 3550C

Matrix Spike (1C16024-MS1) Continued Prepared: 03/16/2011 10:54 Analyzed: 03/17/2011 16:01

Source: C102268-15

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
PCB-1260	0.50		0.024	mg/kg dry	0.472	0.0058 U	105	59-144			
Surrogate: 2,4,5,6-TCMX	*0.033*			*mg/kg dry*	*0.0472*		*70*	*44-168*			
Surrogate: Decachlorobiphenyl	*0.047*			*mg/kg dry*	*0.0472*		*100*	*51-154*			

Matrix Spike Dup (1C16024-MSD1) Prepared: 03/16/2011 10:54 Analyzed: 03/17/2011 16:14

Source: C102268-15

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
PCB-1016/1242	0.40		0.024	mg/kg dry	0.472	0.011 U	85	18-178	0	42	
PCB-1260	0.54		0.024	mg/kg dry	0.472	0.0058 U	114	59-144	8	36	
Surrogate: 2,4,5,6-TCMX	*0.033*			*mg/kg dry*	*0.0472*		*70*	*44-168*			
Surrogate: Decachlorobiphenyl	*0.038*			*mg/kg dry*	*0.0472*		*80*	*51-154*			

Batch 1C17034 - EPA 3550C

Blank (1C17034-BLK1) Prepared: 03/17/2011 17:35 Analyzed: 03/21/2011 10:48

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
PCB-1016/1242	0.0076	U	0.017	mg/kg wet							
PCB-1221	0.0052	U	0.017	mg/kg wet							
PCB-1232	0.0052	U	0.017	mg/kg wet							
PCB-1248	0.0052	U	0.017	mg/kg wet							
PCB-1254	0.0052	U	0.017	mg/kg wet							
PCB-1260	0.0041	U	0.017	mg/kg wet							
Surrogate: 2,4,5,6-TCMX	*0.040*			*mg/kg wet*	*0.0333*		*120*	*44-168*			
Surrogate: Decachlorobiphenyl	*0.037*			*mg/kg wet*	*0.0333*		*110*	*51-154*			

LCS (1C17034-BS1) Prepared: 03/17/2011 17:35 Analyzed: 03/21/2011 15:25

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
PCB-1016/1242	0.36		0.017	mg/kg wet	0.333		108	18-178			
PCB-1260	0.34		0.017	mg/kg wet	0.333		103	59-144			
Surrogate: 2,4,5,6-TCMX	*0.037*			*mg/kg wet*	*0.0333*		*110*	*44-168*			
Surrogate: Decachlorobiphenyl	*0.030*			*mg/kg wet*	*0.0333*		*90*	*51-154*			

Matrix Spike (1C17034-MS1) Prepared: 03/17/2011 17:35 Analyzed: 03/21/2011 15:38

Source: C102268-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
PCB-1016/1242	0.47		0.020	mg/kg dry	0.384	0.0088 U	122	18-178			
PCB-1260	0.40		0.020	mg/kg dry	0.384	0.0047 U	105	59-144			
Surrogate: 2,4,5,6-TCMX	*0.046*			*mg/kg dry*	*0.0384*		*120*	*44-168*			
Surrogate: Decachlorobiphenyl	*0.038*			*mg/kg dry*	*0.0384*		*100*	*51-154*			

QUALITY CONTROL

Polychlorinated Biphenyls by GC - Quality Control

Batch 1C17034 - EPA 3550C

Matrix Spike Dup (1C17034-MSD1) Prepared: 03/17/2011 17:35 Analyzed: 03/21/2011 15:51

Source: C102268-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
PCB-1016/1242	0.45		0.020	mg/kg dry	0.384	0.0088 U	118	18-178	3	42	
PCB-1260	0.42		0.020	mg/kg dry	0.384	0.0047 U	108	59-144	3	36	
Surrogate: 2,4,5,6-TCMX	*0.054*			*mg/kg dry*	*0.0384*		*140*	*44-168*			
Surrogate: Decachlorobiphenyl	*0.042*			*mg/kg dry*	*0.0384*		*110*	*51-154*			

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 1C09009 - EPA 3050B

Blank (1C09009-BLK1) Prepared: 03/09/2011 10:26 Analyzed: 03/10/2011 10:19

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chromium	**0.104**	**J**	0.500	mg/kg wet							
Lead	0.120	U	0.500	mg/kg wet							

LCS (1C09009-BS1) Prepared: 03/09/2011 10:26 Analyzed: 03/10/2011 10:28

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chromium	25.4	B	0.500	mg/kg wet	25.3		101	85-115			
Lead	25.5		0.500	mg/kg wet	25.3		101	85-115			

Matrix Spike (1C09009-MS1) Prepared: 03/09/2011 10:26 Analyzed: 03/10/2011 10:32

Source: C102268-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chromium	33.7	B	0.576	mg/kg dry	28.8	3.55	105	80-120			
Lead	32.0		0.576	mg/kg dry	28.8	4.09	97	80-120			

Matrix Spike Dup (1C09009-MSD1) Prepared: 03/09/2011 10:26 Analyzed: 03/10/2011 10:34

Source: C102268-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chromium	33.9	B	0.576	mg/kg dry	28.8	3.55	105	80-120	0.6	30	
Lead	31.9		0.576	mg/kg dry	28.8	4.09	97	80-120	0.2	30	

Post Spike (1C09009-PS1) Prepared: 03/09/2011 10:26 Analyzed: 03/10/2011 10:36

Source: C102268-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chromium	1.04	B	0.0100	mg/L	1.00	0.0610	98	80-120			
Lead	1.02		0.0100	mg/L	1.00	0.0703	95	80-120			

Batch 1C10015 - EPA 3050B

Blank (1C10015-BLK1) Prepared: 03/10/2011 09:52 Analyzed: 03/11/2011 10:59

QUALITY CONTROL

Metals by EPA 6000/7000 Series Methods - Quality Control

Batch 1C10015 - EPA 3050B

Blank (1C10015-BLK1) Continued Prepared: 03/10/2011 09:52 Analyzed: 03/11/2011 10:59

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chromium	0.100	U	0.500	mg/kg wet							
Lead	0.120	U	0.500	mg/kg wet							

LCS (1C10015-BS1) Prepared: 03/10/2011 09:52 Analyzed: 03/11/2011 11:02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chromium	25.3		0.500	mg/kg wet	24.8		102	85-115			
Lead	25.8		0.500	mg/kg wet	24.8		104	85-115			

Matrix Spike (1C10015-MS1) Prepared: 03/10/2011 09:52 Analyzed: 03/11/2011 11:06

Source: C102841-11

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chromium	40.2		0.687	mg/kg dry	34.4	3.78	106	80-120			
Lead	120		0.687	mg/kg dry	34.4	38.4	237	80-120			QM-07

Matrix Spike Dup (1C10015-MSD1) Prepared: 03/10/2011 09:52 Analyzed: 03/11/2011 11:14

Source: C102841-11

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chromium	39.8		0.687	mg/kg dry	34.4	3.78	105	80-120	1	30	
Lead	125		0.687	mg/kg dry	34.4	38.4	253	80-120	4	30	QM-07

Post Spike (1C10015-PS1) Prepared: 03/10/2011 09:52 Analyzed: 03/11/2011 11:16

Source: C102841-11

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chromium	1.07		0.0100	mg/L	1.00	0.0550	101	80-120			
Lead	1.52		0.0100	mg/L	1.00	0.559	96	80-120			

QUALITY CONTROL

TCLP Volatile Organics by GCMS - Quality Control

Batch 1C16023 - EPA 5030B_MS

Blank (1C16023-BLK1) Prepared: 03/16/2011 17:00 Analyzed: 03/16/2011 17:32

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	0.0002	U	0.0010	mg/L							
1,2-Dichloroethane	0.0003	U	0.0010	mg/L							
2-Butanone	0.0004	U	0.0050	mg/L							
Benzene	0.0003	U	0.0010	mg/L							
Carbon Tetrachloride	0.0002	U	0.0010	mg/L							
Chlorobenzene	0.0002	U	0.0010	mg/L							
Chloroform	0.0002	U	0.0010	mg/L							
Tetrachloroethene	0.0002	U	0.0010	mg/L							
Trichloroethene	0.0002	U	0.0010	mg/L							

QUALITY CONTROL

TCLP Volatile Organics by GCMS - Quality Control

Batch 1C16023 - EPA 5030B_MS

Blank (1C16023-BLK1) Continued Prepared: 03/16/2011 17:00 Analyzed: 03/16/2011 17:32

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Vinyl chloride	0.0003	U	0.0010	mg/L							
Surrogate: 4-Bromofluorobenzene	*0.0404*			*mg/L*	*0.0500*		*81*	*62-132*			
Surrogate: Dibromofluoromethane	*0.0465*			*mg/L*	*0.0500*		*93*	*73-134*			
Surrogate: Toluene-d8	*0.0491*			*mg/L*	*0.0500*		*98*	*66-138*			

Blank (1C16023-BLK2) Prepared: 03/16/2011 17:00 Analyzed: 03/16/2011 18:01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	0.0210	UD	0.100	mg/L							
1,2-Dichloroethane	0.0280	UD	0.100	mg/L							
2-Butanone	0.0380	UD	0.500	mg/L							
Benzene	0.0270	UD	0.100	mg/L							
Carbon Tetrachloride	0.0200	UD	0.100	mg/L							
Chlorobenzene	0.0240	UD	0.100	mg/L							
Chloroform	0.0210	UD	0.100	mg/L							
Tetrachloroethene	0.0210	UD	0.100	mg/L							
Trichloroethene	0.0240	UD	0.100	mg/L							
Vinyl chloride	0.0330	UD	0.100	mg/L							
Surrogate: 4-Bromofluorobenzene	*0.0430*			*mg/L*	*0.0500*		*86*	*62-132*			
Surrogate: Dibromofluoromethane	*0.0477*			*mg/L*	*0.0500*		*95*	*73-134*			
Surrogate: Toluene-d8	*0.0497*			*mg/L*	*0.0500*		*99*	*66-138*			

LCS (1C16023-BS1) Prepared: 03/16/2011 17:00 Analyzed: 03/16/2011 18:29

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	18.9		1.00	ug/L	20.0		94	51-145			
Benzene	16.8		1.00	ug/L	20.0		84	76-120			
Chlorobenzene	19.5		1.00	ug/L	20.0		98	80-124			
Trichloroethene	17.7		1.00	ug/L	20.0		88	80-120			
Surrogate: 4-Bromofluorobenzene	*0.0449*			*mg/L*	*0.0500*		*90*	*62-132*			
Surrogate: Dibromofluoromethane	*0.0461*			*mg/L*	*0.0500*		*92*	*73-134*			
Surrogate: Toluene-d8	*0.0494*			*mg/L*	*0.0500*		*99*	*66-138*			

Matrix Spike (1C16023-MS1) Prepared: 03/16/2011 17:00 Analyzed: 03/16/2011 18:57

Source: C102268-18

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	20.0		1.00	ug/L	20.0	0.210 U	100	51-145			
Benzene	17.1		1.00	ug/L	20.0	0.270 U	85	76-120			
Chlorobenzene	20.6		1.00	ug/L	20.0	0.240 U	103	80-124			
Trichloroethene	18.5		1.00	ug/L	20.0	0.240 U	93	80-120			
Surrogate: 4-Bromofluorobenzene	*4.38*			*mg/L*	*5.00*		*88*	*62-132*			
Surrogate: Dibromofluoromethane	*4.72*			*mg/L*	*5.00*		*94*	*73-134*			
Surrogate: Toluene-d8	*4.92*			*mg/L*	*5.00*		*98*	*66-138*			

Matrix Spike Dup (1C16023-MSD1) Prepared: 03/16/2011 17:00 Analyzed: 03/16/2011 19:25

QUALITY CONTROL

TCLP Volatile Organics by GCMS - Quality Control

Batch 1C16023 - EPA 5030B_MS

Matrix Spike Dup (1C16023-MSD1) Continued Prepared: 03/16/2011 17:00 Analyzed: 03/16/2011 19:25

Source: C102268-18

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	20.2		1.00	ug/L	20.0	0.210 U	101	51-145	0.8	16	
Benzene	16.5		1.00	ug/L	20.0	0.270 U	82	76-120	3	17	
Chlorobenzene	20.6		1.00	ug/L	20.0	0.240 U	103	80-124	0	19	
Trichloroethene	18.0		1.00	ug/L	20.0	0.240 U	90	80-120	3	18	
Surrogate: 4-Bromofluorobenzene	*4.63*			*mg/L*	*5.00*		*93*	*62-132*			
Surrogate: Dibromofluoromethane	*4.64*			*mg/L*	*5.00*		*93*	*73-134*			
Surrogate: Toluene-d8	*4.85*			*mg/L*	*5.00*		*97*	*66-138*			

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 1C18003 - EPA 3545A_MS

Blank (1C18003-BLK1) Prepared: 03/18/2011 09:42 Analyzed: 03/21/2011 15:02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	0.056	U	0.33	mg/kg wet							
1,2-Dichlorobenzene	0.071	U	0.33	mg/kg wet							
1,3-Dichlorobenzene	0.068	U	0.33	mg/kg wet							
1,4-Dichlorobenzene	0.069	U	0.33	mg/kg wet							
1-Methylnaphthalene	0.060	U	0.33	mg/kg wet							
2,4,5-Trichlorophenol	0.074	U	0.33	mg/kg wet							
2,4,6-Trichlorophenol	0.056	U	0.33	mg/kg wet							
2,4-Dichlorophenol	0.069	U	0.33	mg/kg wet							
2,4-Dimethylphenol	0.065	U	0.33	mg/kg wet							
2,4-Dinitrophenol	0.074	U	0.33	mg/kg wet							
2,4-Dinitrotoluene	0.050	U	0.33	mg/kg wet							
2,6-Dinitrotoluene	0.052	U	0.33	mg/kg wet							
2-Chloronaphthalene	0.051	U	0.33	mg/kg wet							
2-Chlorophenol	0.060	U	0.33	mg/kg wet							
2-Methyl-4,6-dinitrophenol	0.072	U	0.33	mg/kg wet							
2-Methylnaphthalene	0.058	U	0.33	mg/kg wet							
2-Methylphenol	0.061	U	0.33	mg/kg wet							
2-Nitroaniline	0.052	U	0.33	mg/kg wet							
2-Nitrophenol	0.066	U	0.33	mg/kg wet							
3 & 4-Methylphenol	0.13	U	0.33	mg/kg wet							
3,3'-Dichlorobenzidine	0.054	U	0.33	mg/kg wet							
3-Nitroaniline	0.060	U	0.33	mg/kg wet							
4-Bromophenyl-phenylether	0.050	U	0.33	mg/kg wet							
4-Chloro-3-methylphenol	0.059	U	0.33	mg/kg wet							
4-Chloroaniline	0.058	U	0.33	mg/kg wet							
4-Chlorophenyl-phenylether	0.047	U	0.33	mg/kg wet							
4-Nitroaniline	0.050	U	0.33	mg/kg wet							
4-Nitrophenol	0.033	U	0.33	mg/kg wet							
Acenaphthene	0.058	U	0.33	mg/kg wet							
Acenaphthylene	0.052	U	0.33	mg/kg wet							
Anthracene	0.039	U	0.33	mg/kg wet							
Benzidine	0.19	U	0.33	mg/kg wet							
Benzo(a)anthracene	0.038	U	0.33	mg/kg wet							

QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 1C18003 - EPA 3545A_MS

Blank (1C18003-BLK1) Continued Prepared: 03/18/2011 09:42 Analyzed: 03/21/2011 15:02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Benzo(a)pyrene	0.035	U	0.33	mg/kg wet							
Benzo(b)fluoranthene	0.037	U	0.33	mg/kg wet							
Benzo(g,h,i)perylene	0.037	U	0.33	mg/kg wet							
Benzo(k)fluoranthene	0.035	U	0.33	mg/kg wet							
Benzoic acid	0.18	U	1.7	mg/kg wet							
Benzyl alcohol	0.064	U	0.33	mg/kg wet							
Bis(2-chloroethoxy)methane	0.052	U	0.33	mg/kg wet							
Bis(2-chloroethyl)ether	0.056	U	0.33	mg/kg wet							
Bis(2-chloroisopropyl)ether	0.041	U	0.33	mg/kg wet							
Bis(2-ethylhexyl)phthalate	0.033	U	0.33	mg/kg wet							
Butylbenzylphthalate	0.033	U	0.33	mg/kg wet							
Chrysene	0.14	U	0.33	mg/kg wet							
Dibenzo(a,h)anthracene	0.048	U	0.33	mg/kg wet							
Dibenzofuran	0.048	U	0.33	mg/kg wet							
Diethylphthalate	0.048	U	0.33	mg/kg wet							
Dimethylphthalate	0.046	U	0.33	mg/kg wet							
Di-n-butylphthalate	0.033	U	0.33	mg/kg wet							
Di-n-octylphthalate	0.033	U	0.33	mg/kg wet							
Fluoranthene	0.038	U	0.33	mg/kg wet							
Fluorene	0.045	U	0.33	mg/kg wet							
Hexachlorobenzene	0.041	U	0.33	mg/kg wet							
Hexachlorobutadiene	0.064	U	0.33	mg/kg wet							
Hexachlorocyclopentadiene	0.15	U	0.33	mg/kg wet							
Hexachloroethane	0.070	U	0.33	mg/kg wet							
Indeno(1,2,3-cd)pyrene	0.033	U	0.33	mg/kg wet							
Isophorone	0.048	U	0.33	mg/kg wet							
Naphthalene	0.054	U	0.33	mg/kg wet							
Nitrobenzene	0.048	U	0.33	mg/kg wet							
N-Nitrosodimethylamine	0.068	U	0.33	mg/kg wet							
N-Nitroso-di-n-propylamine	0.056	U	0.33	mg/kg wet							
N-nitrosodiphenylamine/Diphenylamine	0.081	U	0.33	mg/kg wet							
Pentachlorophenol	0.053	U	0.33	mg/kg wet							
Phenanthrene	0.043	U	0.33	mg/kg wet							
Phenol	0.063	U	0.33	mg/kg wet							
Pyrene	0.033	U	0.33	mg/kg wet							
Pyridine	0.078	U	0.33	mg/kg wet							
Surrogate: 2,4,6-Tribromophenol	*1.7*			*mg/kg wet*	*1.67*		*101*	*36-146*			
Surrogate: 2-Fluorobiphenyl	*1.6*			*mg/kg wet*	*1.67*		*95*	*59-120*			
Surrogate: 2-Fluorophenol	*1.4*			*mg/kg wet*	*1.67*		*82*	*40-129*			
Surrogate: Nitrobenzene-d5	*1.4*			*mg/kg wet*	*1.67*		*85*	*42-120*			
Surrogate: Phenol-d5	*1.3*			*mg/kg wet*	*1.67*		*75*	*42-127*			
Surrogate: Terphenyl-d14	*1.8*			*mg/kg wet*	*1.67*		*108*	*61-147*			

LCS (1C18003-BS1) Prepared: 03/18/2011 09:42 Analyzed: 03/21/2011 20:19

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.9		0.33	mg/kg wet	1.67		112	63-120			
1,4-Dichlorobenzene	1.6		0.33	mg/kg wet	1.67		97	60-120			

QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 1C18003 - EPA 3545A_MS

LCS (1C18003-BS1) Continued Prepared: 03/18/2011 09:42 Analyzed: 03/21/2011 20:19

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
2,4-Dinitrotoluene	1.7		0.33	mg/kg wet	1.67		101	71-120			
2-Chlorophenol	1.4		0.33	mg/kg wet	1.67		82	61-120			
4-Chloro-3-methylphenol	1.7		0.33	mg/kg wet	1.67		99	64-120			
4-Nitrophenol	2.6		0.33	mg/kg wet	1.67		159	35-132			
Acenaphthene	1.8		0.33	mg/kg wet	1.67		110	67-120			
N-Nitroso-di-n-propylamine	1.5		0.33	mg/kg wet	1.67		87	55-120			
Pentachlorophenol	1.3		0.33	mg/kg wet	1.67		79	34-120			
Phenol	1.3		0.33	mg/kg wet	1.67		79	51-120			
Pyrene	2.0		0.33	mg/kg wet	1.67		118	75-131			
Surrogate: 2,4,6-Tribromophenol	*2.0*			*mg/kg wet*	*1.67*		*119*	*36-146*			
Surrogate: 2-Fluorobiphenyl	*1.8*			*mg/kg wet*	*1.67*		*108*	*59-120*			
Surrogate: 2-Fluorophenol	*1.4*			*mg/kg wet*	*1.67*		*85*	*40-129*			
Surrogate: Nitrobenzene-d5	*1.5*			*mg/kg wet*	*1.67*		*91*	*42-120*			
Surrogate: Phenol-d5	*1.4*			*mg/kg wet*	*1.67*		*84*	*42-127*			
Surrogate: Terphenyl-d14	*2.0*			*mg/kg wet*	*1.67*		*122*	*61-147*			

LCS Dup (1C18003-BSD1) Prepared: 03/18/2011 09:42 Analyzed: 03/21/2011 20:48

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	1.9		0.33	mg/kg wet	1.67		115	63-120	3	22	
1,4-Dichlorobenzene	1.6		0.33	mg/kg wet	1.67		99	60-120	2	25	
2,4-Dinitrotoluene	1.7		0.33	mg/kg wet	1.67		102	71-120	0.3	19	
2-Chlorophenol	1.4		0.33	mg/kg wet	1.67		83	61-120	0.9	22	
4-Chloro-3-methylphenol	1.7		0.33	mg/kg wet	1.67		100	64-120	1	21	
4-Nitrophenol	2.6		0.33	mg/kg wet	1.67		157	35-132	0.8	20	
Acenaphthene	1.8		0.33	mg/kg wet	1.67		111	67-120	0.5	21	
N-Nitroso-di-n-propylamine	1.5		0.33	mg/kg wet	1.67		88	55-120	0.4	28	
Pentachlorophenol	1.4		0.33	mg/kg wet	1.67		81	34-120	2	24	
Phenol	1.3		0.33	mg/kg wet	1.67		78	51-120	1	18	
Pyrene	2.0		0.33	mg/kg wet	1.67		117	75-131	0.2	50	
Surrogate: 2,4,6-Tribromophenol	*2.0*			*mg/kg wet*	*1.67*		*118*	*36-146*			
Surrogate: 2-Fluorobiphenyl	*1.8*			*mg/kg wet*	*1.67*		*107*	*59-120*			
Surrogate: 2-Fluorophenol	*1.4*			*mg/kg wet*	*1.67*		*85*	*40-129*			
Surrogate: Nitrobenzene-d5	*1.5*			*mg/kg wet*	*1.67*		*91*	*42-120*			
Surrogate: Phenol-d5	*1.3*			*mg/kg wet*	*1.67*		*81*	*42-127*			
Surrogate: Terphenyl-d14	*2.0*			*mg/kg wet*	*1.67*		*122*	*61-147*			

Classical Chemistry Parameters - Quality Control

Batch 1C14013 - EPA 1664A

Blank (1C14013-BLK1) Prepared: 03/14/2011 10:45 Analyzed: 03/16/2011 15:00

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Oil & Grease (HEM)	50.0	U	50.0	mg/kg wet							

LCS (1C14013-BS1) Prepared: 03/14/2011 10:45 Analyzed: 03/16/2011 15:00

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QUALITY CONTROL

Classical Chemistry Parameters - Quality Control

Batch 1C14013 - EPA 1664A

LCS (1C14013-BS1) Continued Prepared: 03/14/2011 10:45 Analyzed: 03/16/2011 15:00

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Oil & Grease (HEM)	1830		50.0	mg/kg wet	1950		94	61-118			

Matrix Spike (1C14013-MS1) Prepared: 03/14/2011 10:45 Analyzed: 03/16/2011 15:00

Source: B101265-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Oil & Grease (HEM)	54600		65.9	mg/kg dry	2550	47600	273	61-118			QM-17

Matrix Spike Dup (1C14013-MSD1) Prepared: 03/14/2011 10:45 Analyzed: 03/16/2011 15:00

Source: B101265-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Oil & Grease (HEM)	54600		65.9	mg/kg dry	2560	47600	273	61-118	0.09	17	QM-17

Batch 1C17007 - EPA 1664A

Blank (1C17007-BLK1) Prepared: 03/17/2011 10:16 Analyzed: 03/22/2011 11:48

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Oil & Grease (HEM)	50.0	U	50.0	mg/kg wet							

LCS (1C17007-BS1) Prepared: 03/17/2011 10:16 Analyzed: 03/22/2011 11:48

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Oil & Grease (HEM)	1960		50.0	mg/kg wet	2000		98	61-118			

Matrix Spike (1C17007-MS1) Prepared: 03/17/2011 10:16 Analyzed: 03/22/2011 11:48

Source: C102268-05

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Oil & Grease (HEM)	2920		57.1	mg/kg dry	2290	220	118	61-118			

Matrix Spike Dup (1C17007-MSD1) Prepared: 03/17/2011 10:16 Analyzed: 03/22/2011 11:48

Source: C102268-05

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Oil & Grease (HEM)	2620		57.1	mg/kg dry	2290	220	105	61-118	11	17	

QUALITY CONTROL

TCLP Semivolatile Organics by GCMS - Quality Control

Batch 1C21011 - EPA 3510C_MS

Blank (1C21011-BLK2) Prepared: 03/22/2011 08:10 Analyzed: 03/24/2011 19:49

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,4-Dichlorobenzene	0.002	U	0.10	mg/L							

QUALITY CONTROL

TCLP Semivolatile Organics by GCMS - Quality Control

Batch 1C21011 - EPA 3510C_MS

Blank (1C21011-BLK2) Continued Prepared: 03/22/2011 08:10 Analyzed: 03/24/2011 19:49

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
2,4,5-Trichlorophenol	0.002	U	0.10	mg/L							
2,4,6-Trichlorophenol	0.003	U	0.10	mg/L							
2,4-Dinitrotoluene	0.002	U	0.10	mg/L							
2-Methylphenol	0.002	U	0.10	mg/L							
3 & 4-Methylphenol	0.004	U	0.10	mg/L							
Hexachlorobenzene	0.001	U	0.10	mg/L							
Hexachlorobutadiene	0.001	U	0.10	mg/L							
Hexachloroethane	0.002	U	0.10	mg/L							
Nitrobenzene	0.003	U	0.10	mg/L							
Pentachlorophenol	0.004	U	0.10	mg/L							
Pyridine	0.002	U	0.10	mg/L							
Surrogate: 2,4,6-Tribromophenol	*0.18*			*mg/L*	*0.250*		*70*	*47-128*			
Surrogate: 2-Fluorobiphenyl	*0.14*			*mg/L*	*0.250*		*55*	*44-102*			
Surrogate: 2-Fluorophenol	*0.082*			*mg/L*	*0.250*		*33*	*25-79*			
Surrogate: Nitrobenzene-d5	*0.12*			*mg/L*	*0.250*		*49*	*43-112*			
Surrogate: Phenol-d5	*0.055*			*mg/L*	*0.250*		*22*	*14-54*			
Surrogate: Terphenyl-d14	*0.27*			*mg/L*	*0.250*		*106*	*65-122*			

Blank (1C21011-BLK3) Prepared: 03/22/2011 15:55 Analyzed: 03/28/2011 18:46

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,4-Dichlorobenzene	0.002	U	0.10	mg/L							
2,4,5-Trichlorophenol	0.002	U	0.10	mg/L							
2,4,6-Trichlorophenol	0.003	U	0.10	mg/L							
2,4-Dinitrotoluene	0.002	U	0.10	mg/L							
2-Methylphenol	0.002	U	0.10	mg/L							
3 & 4-Methylphenol	0.004	U	0.10	mg/L							
Hexachlorobenzene	0.001	U	0.10	mg/L							
Hexachlorobutadiene	0.001	U	0.10	mg/L							
Hexachloroethane	0.002	U	0.10	mg/L							
Nitrobenzene	0.003	U	0.10	mg/L							
Pentachlorophenol	0.004	U	0.10	mg/L							
Pyridine	0.002	U	0.10	mg/L							
Surrogate: 2,4,6-Tribromophenol	*0.22*			*mg/L*	*0.250*		*86*	*47-128*			
Surrogate: 2-Fluorobiphenyl	*0.15*			*mg/L*	*0.250*		*60*	*44-102*			
Surrogate: 2-Fluorophenol	*0.094*			*mg/L*	*0.250*		*38*	*25-79*			
Surrogate: Nitrobenzene-d5	*0.14*			*mg/L*	*0.250*		*55*	*43-112*			
Surrogate: Phenol-d5	*0.064*			*mg/L*	*0.250*		*26*	*14-54*			
Surrogate: Terphenyl-d14	*0.28*			*mg/L*	*0.250*		*111*	*65-122*			

LCS (1C21011-BS1) Prepared: 03/22/2011 08:10 Analyzed: 03/24/2011 20:18

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,4-Dichlorobenzene	0.02		0.02	mg/L	0.0500		43	17-94			
Pentachlorophenol	0.02		0.02	mg/L	0.0500		44	27-100			
Surrogate: 2,4,6-Tribromophenol	*0.043*			*mg/L*	*0.0500*		*86*	*47-128*			
Surrogate: 2-Fluorobiphenyl	*0.032*			*mg/L*	*0.0500*		*65*	*44-102*			

QUALITY CONTROL

TCLP Semivolatile Organics by GCMS - Quality Control

Batch 1C21011 - EPA 3510C_MS

LCS (1C21011-BS1) Continued Prepared: 03/22/2011 08:10 Analyzed: 03/24/2011 20:18

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Surrogate: 2-Fluorophenol	*0.021*			*mg/L*	*0.0500*		*42*	*25-79*			
Surrogate: Nitrobenzene-d5	*0.031*			*mg/L*	*0.0500*		*63*	*43-112*			
Surrogate: Phenol-d5	*0.014*			*mg/L*	*0.0500*		*28*	*14-54*			
Surrogate: Terphenyl-d14	*0.051*			*mg/L*	*0.0500*		*103*	*65-122*			

Matrix Spike (1C21011-MS1) Prepared: 03/22/2011 08:10 Analyzed: 03/24/2011 19:47

Source: A101446-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,4-Dichlorobenzene	0.02		0.02	mg/L	0.0500	0.0003 U	42	17-94			
Pentachlorophenol	0.01	J	0.02	mg/L	0.0500	0.0007 U	30	27-100			
Surrogate: 2,4,6-Tribromophenol	*0.037*			*mg/L*	*0.0500*		*73*	*47-128*			
Surrogate: 2-Fluorobiphenyl	*0.031*			*mg/L*	*0.0500*		*63*	*44-102*			
Surrogate: 2-Fluorophenol	*0.020*			*mg/L*	*0.0500*		*39*	*25-79*			
Surrogate: Nitrobenzene-d5	*0.028*			*mg/L*	*0.0500*		*56*	*43-112*			
Surrogate: Phenol-d5	*0.013*			*mg/L*	*0.0500*		*27*	*14-54*			
Surrogate: Terphenyl-d14	*0.049*			*mg/L*	*0.0500*		*97*	*65-122*			

Matrix Spike Dup (1C21011-MSD1) Prepared: 03/22/2011 08:10 Analyzed: 03/24/2011 20:15

Source: A101446-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,4-Dichlorobenzene	0.02		0.02	mg/L	0.0500	0.0003 U	35	17-94	20	34	
Pentachlorophenol	0.02		0.02	mg/L	0.0500	0.0007 U	34	27-100	12	26	
Surrogate: 2,4,6-Tribromophenol	*0.031*			*mg/L*	*0.0500*		*63*	*47-128*			
Surrogate: 2-Fluorobiphenyl	*0.024*			*mg/L*	*0.0500*		*48*	*44-102*			
Surrogate: 2-Fluorophenol	*0.016*			*mg/L*	*0.0500*		*31*	*25-79*			
Surrogate: Nitrobenzene-d5	*0.023*			*mg/L*	*0.0500*		*47*	*43-112*			
Surrogate: Phenol-d5	*0.010*			*mg/L*	*0.0500*		*21*	*14-54*			
Surrogate: Terphenyl-d14	*0.040*			*mg/L*	*0.0500*		*81*	*65-122*			

TCLP Pesticides by GC - Quality Control

Batch 1C15007 - EPA 3510C

Blank (1C15007-BLK1) Prepared: 03/15/2011 11:25 Analyzed: 03/16/2011 20:34

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chlordane (tech)	6.2E-6	U	0.000050	mg/L							
Endrin	3.8E-6	U	0.000050	mg/L							
gamma-BHC	6.0E-6	U	0.000050	mg/L							
Heptachlor	7.6E-6	U	0.000050	mg/L							
Heptachlor epoxide	5.4E-6	U	0.000050	mg/L							
Methoxychlor	2.8E-6	U	0.000050	mg/L							
Toxaphene	0.000018	U	0.000050	mg/L							
Surrogate: 2,4,5,6-TCMX	*0.00048*			*mg/L*	*0.00100*		*48*	*38-142*			
Surrogate: Decachlorobiphenyl	*0.00086*			*mg/L*	*0.00100*		*86*	*34-159*			

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QUALITY CONTROL

TCLP Pesticides by GC - Quality Control

Batch 1C15007 - EPA 3510C

Blank (1C15007-BLK2) Prepared: 03/15/2011 14:34 Analyzed: 03/21/2011 17:12

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Chlordane (tech)	0.000031	U	0.00025	mg/L							
Endrin	0.000019	U	0.00025	mg/L							
gamma-BHC	0.000030	U	0.00025	mg/L							
Heptachlor	0.000038	U	0.00025	mg/L							
Heptachlor epoxide	0.000027	U	0.00025	mg/L							
Methoxychlor	0.000014	U	0.00025	mg/L							
Toxaphene	0.000090	U	0.00025	mg/L							
Surrogate: 2,4,5,6-TCMX	*0.0032*			*mg/L*	*0.00500*		*65*	*38-142*			
Surrogate: Decachlorobiphenyl	*0.0041*			*mg/L*	*0.00500*		*82*	*34-159*			

LCS (1C15007-BS1) Prepared: 03/15/2011 11:25 Analyzed: 03/16/2011 20:47

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Endrin	0.0012		0.000050	mg/L	0.00100		121	28-143			
Surrogate: 2,4,5,6-TCMX	*0.00036*			*mg/L*	*0.00100*		*36*	*38-142*			*QS-03*
Surrogate: Decachlorobiphenyl	*0.00070*			*mg/L*	*0.00100*		*70*	*34-159*			

Matrix Spike (1C15007-MS1) Prepared: 03/15/2011 11:25 Analyzed: 03/16/2011 21:00

Source: A101331-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Endrin	0.0014		0.000050	mg/L	0.00100	3.8E-6 U	135	28-143			
Surrogate: 2,4,5,6-TCMX	*0.00052*			*mg/L*	*0.00100*		*52*	*38-142*			
Surrogate: Decachlorobiphenyl	*0.00075*			*mg/L*	*0.00100*		*75*	*34-159*			

Matrix Spike Dup (1C15007-MSD1) Prepared: 03/15/2011 11:25 Analyzed: 03/16/2011 21:14

Source: A101331-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Endrin	0.0013		0.000050	mg/L	0.00100	3.8E-6 U	130	28-143	4	22	
Surrogate: 2,4,5,6-TCMX	*0.00049*			*mg/L*	*0.00100*		*49*	*38-142*			
Surrogate: Decachlorobiphenyl	*0.00077*			*mg/L*	*0.00100*		*77*	*34-159*			

TCLP Herbicides by GC - Quality Control

Batch 1C15006 - EPA 3510C

Blank (1C15006-BLK1) Prepared: 03/15/2011 16:45 Analyzed: 03/17/2011 16:33

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
2,4,5-TP (Silvex)	0.00003	U	0.0001	mg/L							
2,4-D	0.00003	U	0.0001	mg/L							
Surrogate: 2,4-DCAA	*0.0020*			*mg/L*	*0.00200*		*101*	*68-139*			

Blank (1C15006-BLK2) Prepared: 03/15/2011 16:45 Analyzed: 03/17/2011 16:57

QUALITY CONTROL

TCLP Herbicides by GC - Quality Control

Batch 1C15006 - EPA 3510C

Blank (1C15006-BLK2) Continued Prepared: 03/15/2011 16:45 Analyzed: 03/17/2011 16:57

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
2,4,5-TP (Silvex)	0.0002	U	0.0005	mg/L							
2,4-D	0.0002	U	0.0005	mg/L							
Surrogate: 2,4-DCAA	*0.0096*			*mg/L*	*0.0100*		*96*	*68-139*			

Blank (1C15006-BLK3) Prepared: 03/15/2011 16:45 Analyzed: 03/17/2011 17:21

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
2,4,5-TP (Silvex)	0.0002	U	0.0005	mg/L							
2,4-D	0.0002	U	0.0005	mg/L							
Surrogate: 2,4-DCAA	*0.0091*			*mg/L*	*0.0100*		*91*	*68-139*			

LCS (1C15006-BS1) Prepared: 03/15/2011 16:45 Analyzed: 03/17/2011 17:45

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
2,4,5-TP (Silvex)	0.0020		0.0001	mg/L	0.00200		101	68-154			
2,4-D	0.0030		0.0001	mg/L	0.00200		152	62-144			QL-02
Surrogate: 2,4-DCAA	*0.0022*			*mg/L*	*0.00200*		*109*	*68-139*			

Matrix Spike (1C15006-MS1) Prepared: 03/15/2011 16:45 Analyzed: 03/17/2011 18:09

Source: A101331-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
2,4,5-TP (Silvex)	0.0018		0.0001	mg/L	0.00200	0.00003 U	92	68-154			
2,4-D	0.0028		0.0001	mg/L	0.00200	0.00003 U	140	62-144			
Surrogate: 2,4-DCAA	*0.0019*			*mg/L*	*0.00200*		*93*	*68-139*			

Matrix Spike Dup (1C15006-MSD1) Prepared: 03/15/2011 16:45 Analyzed: 03/17/2011 18:33

Source: A101331-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
2,4,5-TP (Silvex)	0.0018		0.0001	mg/L	0.00200	0.00003 U	90	68-154	2	15	
2,4-D	0.0026		0.0001	mg/L	0.00200	0.00003 U	130	62-144	7	33	
Surrogate: 2,4-DCAA	*0.0019*			*mg/L*	*0.00200*		*93*	*68-139*			

TCLP Metals by 6000/7000 Series Methods - Quality Control

Batch 1C14012 - EPA 7470A

Blank (1C14012-BLK1) Prepared: 03/17/2011 12:43 Analyzed: 03/18/2011 07:04

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.00001	U	0.0002	mg/L							

Blank (1C14012-BLK2) Prepared: 03/17/2011 12:43 Analyzed: 03/18/2011 07:07

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes

QUALITY CONTROL

TCLP Metals by 6000/7000 Series Methods - Quality Control

Batch 1C14012 - EPA 7470A

Blank (1C14012-BLK2) Continued Prepared: 03/17/2011 12:43 Analyzed: 03/18/2011 07:07

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.0001	U	0.002	mg/L							

LCS (1C14012-BS1) Prepared: 03/17/2011 12:43 Analyzed: 03/18/2011 07:10

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.005		0.0002	mg/L	0.00500		104	85-115			

Matrix Spike (1C14012-MS1) Prepared: 03/17/2011 12:43 Analyzed: 03/18/2011 07:16

Source: A101235-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.006		0.0002	mg/L	0.00500	0.00001 U	111	85-115			

Matrix Spike Dup (1C14012-MSD1) Prepared: 03/17/2011 12:43 Analyzed: 03/18/2011 07:19

Source: A101235-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	0.005		0.0002	mg/L	0.00500	0.00001 U	109	85-115	2	10	

Post Spike (1C14012-PS1) Prepared: 03/18/2011 06:00 Analyzed: 03/18/2011 07:23

Source: A101235-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Mercury	5.19		0.200	ug/L	5.61	-0.024	93	0-200			

Batch 1C14029 - EPA 3010A

Blank (1C14029-BLK1) Prepared: 03/15/2011 13:58 Analyzed: 03/17/2011 14:02

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	0.205	UD	25.0	mg/L							
Barium	0.850	UD	250	mg/L							
Cadmium	0.0550	UD	7.50	mg/L							
Chromium	0.225	UD	25.0	mg/L							
Lead	0.0800	UD	12.5	mg/L							
Selenium	0.265	UD	25.0	mg/L							
Silver	0.0145	UD	2.50	mg/L							

Blank (1C14029-BLK2) Prepared: 03/15/2011 13:58 Analyzed: 03/17/2011 14:09

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	0.205	UD	25.0	mg/L							
Barium	0.850	UD	250	mg/L							
Cadmium	0.0550	UD	7.50	mg/L							
Chromium	0.225	UD	25.0	mg/L							
Lead	0.0800	UD	12.5	mg/L							
Selenium	0.265	UD	25.0	mg/L							

QUALITY CONTROL

TCLP Metals by 6000/7000 Series Methods - Quality Control

Batch 1C14029 - EPA 3010A

Blank (1C14029-BLK2) Continued Prepared: 03/15/2011 13:58 Analyzed: 03/17/2011 14:09

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Silver	0.0145	UD	2.50	mg/L							

Blank (1C14029-BLK3) Prepared: 03/15/2011 13:58 Analyzed: 03/17/2011 14:16

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	0.205	UD	25.0	mg/L							
Barium	0.850	UD	250	mg/L							
Cadmium	0.0550	UD	7.50	mg/L							
Chromium	0.225	UD	25.0	mg/L							
Lead	0.0800	UD	12.5	mg/L							
Selenium	0.265	UD	25.0	mg/L							
Silver	0.0145	UD	2.50	mg/L							

LCS (1C14029-BS1) Prepared: 03/15/2011 13:58 Analyzed: 03/17/2011 14:23

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	24.9	JD	25.0	mg/L	25.0		100	80-120			
Barium	25.3	JD	250	mg/L	25.0		101	80-120			
Cadmium	2.52	JD	7.50	mg/L	2.50		101	80-120			
Chromium	25.8	D	25.0	mg/L	25.0		103	80-120			
Lead	25.2	D	12.5	mg/L	25.0		101	80-120			
Selenium	24.9	JD	25.0	mg/L	25.0		100	80-120			
Silver	2.48	JD	2.50	mg/L	2.50		99	80-120			

Matrix Spike (1C14029-MS1) Prepared: 03/15/2011 13:58 Analyzed: 03/17/2011 14:40

Source: A101346-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	24.9	JD	25.0	mg/L	25.0	0.205 U	100	80-120			
Barium	25.4	JD	250	mg/L	25.0	0.850 U	102	80-120			
Cadmium	2.46	JD	7.50	mg/L	2.50	0.0550 U	98	80-120			
Chromium	25.8	D	25.0	mg/L	25.0	0.225 U	103	80-120			
Lead	24.7	D	12.5	mg/L	25.0	0.0800 U	99	80-120			
Selenium	25.3	D	25.0	mg/L	25.0	0.265 U	101	80-120			
Silver	2.46	JD	2.50	mg/L	2.50	0.0145 U	98	80-120			

Matrix Spike Dup (1C14029-MSD1) Prepared: 03/15/2011 13:58 Analyzed: 03/17/2011 14:48

Source: A101346-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	25.0	D	25.0	mg/L	25.0	0.205 U	100	80-120	0.4	20	
Barium	25.8	JD	250	mg/L	25.0	0.850 U	103	80-120	2	20	
Cadmium	2.50	JD	7.50	mg/L	2.50	0.0550 U	100	80-120	2	20	
Chromium	26.1	D	25.0	mg/L	25.0	0.225 U	104	80-120	1	20	
Lead	25.1	D	12.5	mg/L	25.0	0.0800 U	100	80-120	2	20	
Selenium	24.3	JD	25.0	mg/L	25.0	0.265 U	97	80-120	4	20	
Silver	2.49	JD	2.50	mg/L	2.50	0.0145 U	99	80-120	1	20	

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QUALITY CONTROL

TCLP Metals by 6000/7000 Series Methods - Quality Control

Batch 1C14029 - EPA 3010A

Post Spike (1C14029-PS1) Prepared: 03/17/2011 12:00 Analyzed: 03/17/2011 14:57

Source: A101346-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Arsenic	49.1		50.0	ug/L	49.0	-0.0583	100	75-125			
Barium	50.4		500	ug/L	49.0	0.231	102	75-125			
Cadmium	4.82		15.0	ug/L	4.90	-0.00912	98	75-125			
Chromium	50.9		50.0	ug/L	49.0	0.0350	104	75-125			
Lead	48.6		25.0	ug/L	49.0	0.0483	99	75-125			
Selenium	47.2		50.0	ug/L	49.0	0.303	96	75-125			
Silver	4.88		5.00	ug/L	4.90	0.00843	99	75-125			

FLAGS/NOTES AND DEFINITIONS

B	The analyte was detected in the associated method blank.
D	The sample was analyzed at dilution.
J	The reported value is between the laboratory method detection limit (MDL) and the laboratory method reporting limit (MRL), adjusted for actual sample preparation data and moisture content, where applicable.
U	The analyte was analyzed for but not detected to the level shown, adjusted for actual sample preparation data and moisture content, where applicable.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
MRL	Method Reporting Limit. The MRL is roughly equivalent to the practical quantitation limit (PQL) and is based on the low point of the calibration curve, when applicable, sample preparation factor, dilution factor, and, in the case of soil samples, moisture content.
J-05	Result estimated, calibration verification standard failed with low bias.
QB-01	The method blank had a positive result for the analyte; however, the concentration in the method blank is less than 10% of the sample result, which minimizes the impact of the deviation.
QL-02	The associated laboratory control sample exhibited high bias; since the result is ND, the impact on data quality is minimal.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-17	Matrix spike recovery was outside acceptance limits due to high concentrations of analyte in source sample.
QS-03	Surrogate recovery outside acceptance limits
QS-04	Surrogate recovery not calculated. Surrogate diluted out of the calibration range.
QV-01	The associated continuing calibration verification standard exhibited high bias; since the result is ND, the impact on data quality is minimal.
R-05	The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.

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102-A Woodwinds Industrial CL Cary, NC 27511 (919) 467-3090 Fax (919) 467-3515
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CHAIN-OF-CUSTODY RECORD

Client Name: Froehling and Robertson (FR004)	Project Number: 66M-0200
Address: 310 Hubert Street	Project Name/Desc: Point Harbour Site
City/ST/Zip: Raleigh, NC 27603	PO # / Billing Info
Tel: (919) 828-3441 Fax: (919) 828-5751	Reporting Contact: Beth Stout
Sampler(s) Name, Affiliation (Print): Beth Stout	Billing Contact: Mike Sabodish
Sampler(s) Signature: Michael S. Sabodish	Site Location / Time Zone

Requested Turnaround Times
Note: Rush requests subject to acceptance by the facility
X Standard
___ Expedited
Due __/__/__

Lab Workorder: C102268

Requested Analyses / Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	%Solids, 8081B, 8082A, 8270D, Cr, Pb	1311 TCLP EXT Metals, 1311 TCLP EXT SVOC, 1311 TCLP CXT Zn, 6005D TCLP, TCLP 8151A, TCLP As, TCLP As, TCLP Ba, TCLP Cd, TCLP Cr, TCLP Pb, TCLP Se	8260B	8270D TCLP	O&G 9071B	TCLP 8260B	TCLP Hg					Sample Comments
	SP-23 NSW	3-7-11	2228	G	SO	5	X		X		X						
	SP-23 SSW	↓	↓	↓	SO	5	X		X		X						
	SP-23 ESW	↓	↓	↓	SO	5	X		X		X						
	SP-23 WSW	↓	↓	↓	SO	5	X		X		X						
	SP-23 BASE	↓	↓	↓	SO	5	X		X		X						
	SP-24 NSW	3-7-11	430P	G	SO	5	X		X		X						
	SP-24 SSW	↓	↓	↓	SO	5	X		X		X						
	SP-24 ESW	↓	↓	↓	SO	5	X		X		X						
	SP-24 WSW	↓	↓	↓	SO	5	X		X		X						
	SP-24 BASE	↓	↓	↓	SO	5	X		X		X						
	SP-29 NSW	3-8-11	945	G	SO	5	X		X		X						
	SP-29 SSW	↓	↓	↓	SO	5	X		X		X						

<-- Total # of Containers

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
	3-3-11	M Sabodish	3-8-11	[illegible]	3/8/11 1300
Comments/Special Reporting Requirements		Relinquished By	Date/Time	Received By	Date/Time
		Relinquished By	Date/Time	Received By	Date/Time

Cooler #'s & Temps on Receipt: C-707 C-799 C-809 3.0°C C-327

Condition Upon Receipt: X Acceptable ___ Unacceptable

Matrix: GW-Groundwater SO-Soil DW-Drinking Water SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments) Preservation: I-Ice H-HCl N-HNO3 S-H2SO4 NO-NaOH O-Other (detail in comments)

Note: All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreements exist

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102-A Woodwinds Industrial Ct. Cary, NC 27511 (919) 467-3090 Fax (919) 467-3515
www.encolabs.com

Client Name: Froehling and Robertson (FR004)	Project Number: 66M-0200
Address: 310 Hubert Street	Project Name/Desc: Point Harbour Site
City/ST/Zip: Raleigh, NC 27603	PO # / Billing Info
Tel: (919) 828-3441 / Fax: (919) 828-5751	Reporting Contact: Beth Stout
Sampler(s) Name, Affiliation (Print): Beth Stout	Billing Contact: Mike Sabodish
Sampler(s) Signature: Michael S Sabodish	Site Location / Time Zone

Requested Turnaround Times

Note: Rush requests subject to acceptance by the facility

X Standard

___ Expedited

Due __/__/__

Lab Workorder: C102268

Requested Analyses / Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	%Solids,8081B,8082A,8270D,Cr,Pb	1311 TCLP Ext Metals,1311 TCLP Ext SVOC,1311 TCLP Ext VOC,8260B TCLP,8151A TCLP Ag,TCLP As,TCLP Ba,TCLP Cd,TCLP Cr,TCLP Pb,TCLP Se	8260B	8270D TCLP	O&G 9071B	TCLP 8260B	TCLP Hg					Sample Comments
	SP-29 ESW	3-8-11	945	G	SO	5	X		X		X							
	SP-29 WSW	↓	↓	↓	SO	5	X		X		X							
	SP-29 BASE	↓	↓	↓	SO	5	X		X		X							
					~~SO~~	~~5~~	~~X~~		~~X~~		~~X~~							
					~~SO~~	~~5~~	~~X~~		~~X~~		~~X~~							
					~~SO~~	~~5~~	~~X~~		~~X~~		~~X~~							
					~~SO~~	~~5~~	~~X~~		~~X~~		~~X~~							
					~~SO~~	~~5~~	~~X~~		~~X~~		~~X~~							
					~~SO~~	~~5~~	~~X~~		~~X~~		~~X~~							
					~~SO~~	~~5~~	~~X~~		~~X~~		~~X~~							
					~~SO~~	~~5~~	~~X~~		~~X~~		~~X~~							
					~~SO~~	~~5~~	~~X~~		~~X~~		~~X~~							
					~~SO~~	~~5~~	~~X~~		~~X~~		~~X~~							

<-- Total # of Containers

Sample Kit Prepared By	Date/Time: 3-3-11	Relinquished By: Michael S. Sabodish	Date/Time: 3/8/11	Received By: Jamie Hodain	Date/Time: 3/8/11 1300
Comments/Special Reporting Requirements		Relinquished By	Date/Time	Received By	Date/Time
		Relinquished By	Date/Time	Received By	Date/Time
		Cooler #'s & Temps on Receipt: C-707 C-799 C-809 3.0°C C-327		Condition Upon Receipt: X Acceptable ___ Unacceptable	

Matrix: GW-Groundwater SO-Soil DW-Drinking Water SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments) Preservation: I-Ice H-HCl N-HNO3 S-H2SO4 ND-NaOH O-Other (detail in comments)

Note: All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreements exist

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ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

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Page 3 of 4

Client Name: Froehling and Robertson (FR004)	Project Number: 66M-0200
Address: 310 Hubert Street	Project Name/Desc: Point Harbour Site
City/ST/Zip: Raleigh, NC 27603	PO # / Billing Info
Tel: (919) 828-3441 Fax: (919) 828-5751	Reporting Contact: Beth Stout
Sampler(s) Name, Affiliation (Print): Beth Stout	Billing Contact: Mike Sabodish
Sampler(s) Signature: [signature]	Site Location / Time Zone

Requested Turnaround Times
Note: Rush requests subject to acceptance by the facility
X Standard
___ Expedited
Due __/__/__

Lab Workorder: C102268

Requested Analyses / Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	%Solids,8081B,8082A,8270D,Cr,Pb	1311 TCLP EXT Metals,1311 TCLP EXT SVOC,1311 TCLP EXT ZHE,8270D TCLP,TCLP 9013A,TCLP As,TCLP Ba,TCLP Cd,TCLP Cr,TCLP Pb,TCLP Se	8260B	8270D TCLP	O&G 9071B	TCLP 8260B	TCLP Hg			Sample Comments
	SP-23 STOCK	3-7-11	2:25P	GC	SO	3		X		X		X	X			
	SP-24 STOCK	3-7-11	4:30P	C	SO	3		X		X		X	X			
	SP-29 STOCK	3-8-11	9:45A	C	SO	3		X		X		X	X			
					SO	3		X		X		X	X			
					SO	3		X		X		X	X			
					SO	3		X		X		X	X			
	Trip Blank				WA	2			X							

<-- Total # of Containers

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
	3-3-11	[signature]	3-8-11	[signature]	3/8/11 1300
Comments/Special Reporting Requirements		Relinquished By	Date/Time	Received By	Date/Time
		Relinquished By	Date/Time	Received By	Date/Time
		Cooler #'s & Temps on Receipt: C-707 C-799 C-809 3.0°C C-327		Condition Upon Receipt: X Acceptable ___ Unacceptable	

Matrix: GW-Groundwater SO-Soil DW-Drinking Water SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments)
Preservation: I-Ice H-HCl N-HNO3 S-H2SO4 NO-NaOH O-Other (detail in comments)

Note: All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreements exist

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Cary NC, 27511
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Thursday, March 24, 2011

Froehling and Robertson (FR004)

Attn: Mike Sabodish

310 Hubert Street

Raleigh, NC 27603

RE: Laboratory Results for
Project Number: 66M-0200, Project Name/Desc: Point Harbour Site
ENCO Workorder: C102841

Dear Mike Sabodish,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Wednesday, March 9, 2011.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

The analytical results contained in this report are in compliance with NELAC standards, except as noted in the project narrative. This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Unless otherwise noted, all analyses were performed at ENCO Cary. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Chuck Smith

Chuck Smith
Project Manager

Enclosure(s)

The total number of pages in this report, including this page is 230.

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID: SP-8 NSW | **Lab ID: C102841-01** | **Sampled: 03/08/11 12:35** | **Received: 03/09/11 12:50**

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	09/04/11		03/12/11	13:30	3/16/2011 12:59
EPA 8081B	03/22/11	04/19/11	03/10/11	11:08	3/11/2011 15:47
EPA 8082A	03/07/12	03/09/12	03/10/11	11:25	3/11/2011 15:47
EPA 8260B	03/22/11		03/17/11	10:40	3/17/2011 19:40
EPA 8270D	03/22/11	04/27/11	03/18/11	23:34	3/24/2011 01:38
EPA 9071B	04/05/11		03/17/11	10:16	3/22/2011 11:48

Client ID: SP-8 SSW | **Lab ID: C102841-02** | **Sampled: 03/08/11 12:35** | **Received: 03/09/11 12:50**

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	09/04/11		03/12/11	13:30	3/16/2011 13:09
EPA 8081B	03/22/11	04/19/11	03/10/11	11:08	3/11/2011 16:00
EPA 8082A	03/07/12	03/09/12	03/10/11	11:25	3/11/2011 16:00
EPA 8260B	03/22/11		03/17/11	10:40	3/17/2011 20:09
EPA 8270D	03/22/11	04/27/11	03/18/11	23:34	3/24/2011 02:05
EPA 9071B	04/05/11		03/17/11	10:16	3/22/2011 11:48

Client ID: SP-8 ESW | **Lab ID: C102841-03** | **Sampled: 03/08/11 12:35** | **Received: 03/09/11 12:50**

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	09/04/11		03/10/11	09:52	3/11/2011 11:25
EPA 8081B	03/22/11	04/19/11	03/10/11	11:08	3/11/2011 16:13
EPA 8082A	03/07/12	03/09/12	03/10/11	11:25	3/11/2011 16:13
EPA 8260B	03/22/11		03/17/11	10:40	3/17/2011 20:38
EPA 8270D	03/22/11	04/27/11	03/18/11	23:34	3/24/2011 02:31
EPA 9071B	04/05/11		03/17/11	10:16	3/22/2011 11:48

Client ID: SP-8 WSW | **Lab ID: C102841-04** | **Sampled: 03/08/11 12:35** | **Received: 03/09/11 12:50**

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	09/04/11		03/10/11	09:52	3/11/2011 11:27
EPA 8081B	03/22/11	04/19/11	03/10/11	11:08	3/11/2011 16:26
EPA 8082A	03/07/12	03/09/12	03/10/11	11:25	3/11/2011 16:26
EPA 8260B	03/22/11		03/17/11	10:40	3/17/2011 21:07
EPA 8270D	03/22/11	04/27/11	03/18/11	23:34	3/24/2011 02:58
EPA 9071B	04/05/11		03/17/11	10:16	3/22/2011 11:48

Client ID: SP-8 BASE | **Lab ID: C102841-05** | **Sampled: 03/08/11 12:35** | **Received: 03/09/11 12:50**

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	09/04/11		03/10/11	09:52	3/11/2011 11:29
EPA 8081B	03/22/11	04/19/11	03/10/11	11:08	3/11/2011 16:53
EPA 8082A	03/07/12	03/09/12	03/10/11	11:25	3/11/2011 16:53
EPA 8260B	03/22/11		03/17/11	10:40	3/17/2011 21:37
EPA 8270D	03/22/11	04/27/11	03/18/11	23:34	3/24/2011 03:24
EPA 9071B	04/05/11		03/17/11	10:16	3/22/2011 11:48

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Client ID: SP-11 NSW	Lab ID: C102841-06	Sampled: 03/08/11 14:38	Received: 03/09/11 12:50

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	09/04/11		03/10/11	09:52	3/11/2011 11:31
EPA 8081B	03/22/11	04/20/11	03/11/11	04:08	3/17/2011 19:58
EPA 8082A	03/07/12	03/10/12	03/11/11	04:15	3/17/2011 19:58
EPA 8260B	03/22/11		03/17/11	10:40	3/17/2011 22:06
EPA 8270D	03/22/11	04/27/11	03/18/11	23:34	3/24/2011 03:51
EPA 9071B	04/05/11		03/17/11	10:16	3/22/2011 11:48

Client ID: SP-11 SSW	Lab ID: C102841-07	Sampled: 03/08/11 14:38	Received: 03/09/11 12:50

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	09/04/11		03/10/11	09:52	3/11/2011 11:33
EPA 8081B	03/22/11	04/20/11	03/11/11	04:08	3/17/2011 20:11
EPA 8082A	03/07/12	03/10/12	03/11/11	04:15	3/17/2011 20:11
EPA 8260B	03/22/11		03/17/11	10:40	3/17/2011 22:35
EPA 8270D	03/22/11	04/27/11	03/18/11	23:34	3/24/2011 00:19
EPA 9071B	04/05/11		03/17/11	10:16	3/22/2011 11:48

Client ID: SP-11 ESW	Lab ID: C102841-08	Sampled: 03/08/11 14:38	Received: 03/09/11 12:50

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	09/04/11		03/10/11	09:52	3/11/2011 11:42
EPA 8081B	03/22/11	04/20/11	03/11/11	04:08	3/17/2011 20:25
EPA 8082A	03/07/12	03/10/12	03/11/11	04:15	3/17/2011 20:25
EPA 8260B	03/22/11		03/14/11	15:27	3/15/2011 03:08
EPA 8270D	03/22/11	04/27/11	03/18/11	23:34	3/24/2011 00:45
EPA 9071B	04/05/11		03/17/11	10:16	3/22/2011 11:48

Client ID: SP-11 WSW	Lab ID: C102841-09	Sampled: 03/08/11 14:38	Received: 03/09/11 12:50

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	09/04/11		03/10/11	09:52	3/11/2011 11:44
EPA 8081B	03/22/11	04/20/11	03/11/11	04:08	3/17/2011 20:38
EPA 8082A	03/07/12	03/10/12	03/11/11	04:15	3/17/2011 20:38
EPA 8260B	03/22/11		03/14/11	15:27	3/15/2011 03:36
EPA 8270D	03/22/11	04/27/11	03/18/11	23:34	3/23/2011 23:52
EPA 9071B	04/05/11		03/17/11	10:16	3/22/2011 11:48

Client ID: SP-11 BASE	Lab ID: C102841-10	Sampled: 03/08/11 14:38	Received: 03/09/11 12:50

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	09/04/11		03/10/11	09:52	3/11/2011 11:46
EPA 8081B	03/22/11	04/20/11	03/11/11	04:08	3/17/2011 20:51
EPA 8082A	03/07/12	03/10/12	03/11/11	04:15	3/17/2011 20:51
EPA 8260B	03/22/11		03/14/11	15:27	3/15/2011 04:05
EPA 8270D	03/22/11	04/27/11	03/18/11	23:34	3/24/2011 01:12
EPA 9071B	04/05/11		03/17/11	10:16	3/22/2011 11:48

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Client ID: SP-6 NSW	Lab ID: C102841-11	Sampled: 03/08/11 16:15	Received: 03/09/11 12:50

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	09/04/11		03/10/11	09:52	3/11/2011 11:04
EPA 8081B	03/22/11	04/20/11	03/11/11	04:08	3/17/2011 21:04
EPA 8082A	03/07/12	03/10/12	03/11/11	04:15	3/17/2011 21:04
EPA 8260B	03/22/11		03/12/11	09:05	3/12/2011 18:54
EPA 8270D	03/22/11	04/26/11	03/17/11	07:00	3/18/2011 22:34
EPA 9071B	04/05/11		03/14/11	10:45	3/16/2011 15:00

Client ID: SP-6 SSW	Lab ID: C102841-12	Sampled: 03/08/11 16:15	Received: 03/09/11 12:50

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	09/04/11		03/10/11	09:52	3/11/2011 11:48
EPA 8081B	03/22/11	04/20/11	03/11/11	04:08	3/17/2011 21:17
EPA 8082A	03/07/12	03/10/12	03/11/11	04:15	3/17/2011 21:17
EPA 8260B	03/22/11		03/12/11	09:05	3/12/2011 19:23
EPA 8270D	03/22/11	04/26/11	03/17/11	07:00	3/17/2011 17:36
EPA 9071B	04/05/11		03/14/11	10:45	3/16/2011 15:00

Client ID: SP-6 ESW	Lab ID: C102841-13	Sampled: 03/08/11 16:15	Received: 03/09/11 12:50

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	09/04/11		03/10/11	09:52	3/11/2011 11:50
EPA 8081B	03/22/11	04/20/11	03/11/11	04:08	3/17/2011 21:30
EPA 8082A	03/07/12	03/10/12	03/11/11	04:15	3/17/2011 21:30
EPA 8260B	03/22/11		03/12/11	09:05	3/12/2011 19:51
EPA 8270D	03/22/11	04/26/11	03/17/11	07:00	3/17/2011 18:03
EPA 9071B	04/05/11		03/14/11	10:45	3/16/2011 15:00

Client ID: SP-6 WSW	Lab ID: C102841-14	Sampled: 03/08/11 16:15	Received: 03/09/11 12:50

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	09/04/11		03/10/11	09:52	3/11/2011 11:53
EPA 8081B	03/22/11	04/20/11	03/11/11	04:08	3/17/2011 21:44
EPA 8082A	03/07/12	03/10/12	03/11/11	04:15	3/17/2011 21:44
EPA 8260B	03/22/11		03/16/11	15:09	3/17/2011 12:54
EPA 8270D	03/22/11	04/26/11	03/17/11	07:00	3/18/2011 22:07
EPA 9071B	04/05/11		03/14/11	10:45	3/17/2011 14:06

Client ID: SP-6 BASE	Lab ID: C102841-15	Sampled: 03/08/11 16:15	Received: 03/09/11 12:50

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	09/04/11		03/10/11	09:52	3/11/2011 11:55
EPA 8081B	03/22/11	04/20/11	03/11/11	04:08	3/17/2011 22:10
EPA 8082A	03/07/12	03/10/12	03/11/11	04:15	3/17/2011 22:10
EPA 8260B	03/22/11		03/16/11	15:09	3/17/2011 09:37
EPA 8270D	03/22/11	04/26/11	03/17/11	07:00	3/18/2011 15:11
EPA 9071B	04/05/11		03/14/11	10:45	3/17/2011 14:06

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Client ID: SP-1 NSW	Lab ID: C102841-16	Sampled: 03/09/11 09:00	Received: 03/09/11 12:50

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	09/05/11		03/10/11	09:52	3/11/2011 11:57
EPA 8081B	03/23/11	04/20/11	03/11/11	04:08	3/17/2011 22:23
EPA 8082A	03/08/12	03/10/12	03/11/11	04:15	3/17/2011 22:23
EPA 8260B	03/23/11		03/16/11	15:09	3/17/2011 08:11
EPA 8270D	03/23/11	04/26/11	03/17/11	07:00	3/17/2011 19:54
EPA 9071B	04/06/11		03/14/11	10:45	3/17/2011 14:06

Client ID: SP-1 SSW	Lab ID: C102841-17	Sampled: 03/09/11 09:00	Received: 03/09/11 12:50

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	09/05/11		03/10/11	09:52	3/11/2011 11:59
EPA 8081B	03/23/11	04/20/11	03/11/11	04:08	3/17/2011 22:37
EPA 8082A	03/08/12	03/10/12	03/11/11	04:15	3/17/2011 22:37
EPA 8260B	03/23/11		03/12/11	09:05	3/12/2011 20:20
EPA 8270D	03/23/11	04/26/11	03/17/11	07:00	3/18/2011 21:40
EPA 9071B	04/06/11		03/14/11	10:45	3/17/2011 14:06

Client ID: SP-1 ESW	Lab ID: C102841-18	Sampled: 03/09/11 09:00	Received: 03/09/11 12:50

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	09/05/11		03/10/11	09:52	3/11/2011 12:01
EPA 8081B	03/23/11	04/20/11	03/11/11	04:08	3/17/2011 22:50
EPA 8082A	03/08/12	03/10/12	03/11/11	04:15	3/17/2011 22:50
EPA 8260B	03/23/11		03/16/11	15:09	3/17/2011 07:14
EPA 8270D	03/23/11	04/26/11	03/17/11	07:00	3/18/2011 20:46
EPA 9071B	04/06/11		03/14/11	10:45	3/17/2011 14:06

Client ID: SP-1 WSW	Lab ID: C102841-19	Sampled: 03/09/11 09:00	Received: 03/09/11 12:50

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	09/05/11		03/10/11	09:52	3/11/2011 12:10
EPA 8081B	03/23/11	04/20/11	03/11/11	04:08	3/17/2011 23:03
EPA 8082A	03/08/12	03/10/12	03/11/11	04:15	3/17/2011 23:03
EPA 8260B	03/23/11		03/12/11	09:05	3/12/2011 20:49
EPA 8270D	03/23/11	04/26/11	03/17/11	07:00	3/17/2011 22:12
EPA 9071B	04/06/11		03/14/11	10:45	3/17/2011 14:06

Client ID: SP-1 BASE	Lab ID: C102841-20	Sampled: 03/09/11 09:00	Received: 03/09/11 12:50

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6010C	09/05/11		03/10/11	09:52	3/11/2011 12:12
EPA 8081B	03/23/11	04/20/11	03/11/11	04:08	3/17/2011 23:16
EPA 8082A	03/08/12	03/10/12	03/11/11	04:15	3/17/2011 23:16
EPA 8260B	03/23/11		03/16/11	15:09	3/17/2011 06:46
EPA 8270D	03/23/11	04/26/11	03/17/11	07:00	3/18/2011 21:13
EPA 9071B	04/06/11		03/14/11	10:45	3/17/2011 14:06

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Client ID: SP-8 STOCKPILE	Lab ID: C102841-21	Sampled: 03/08/11 12:35	Received: 03/09/11 12:50

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6020A	09/04/11	09/11/11	03/15/11	13:58	3/17/2011 14:32
EPA 7470A	04/05/11	04/14/11	03/17/11	12:43	3/18/2011 09:33
EPA 8081B	03/15/11	04/24/11	03/15/11	14:34	3/21/2011 17:25
EPA 8151A	03/15/11	04/24/11	03/15/11	16:45	3/17/2011 19:46
EPA 8260B	03/22/11	03/30/11	03/16/11	17:00	3/17/2011 07:49
EPA 8270D	03/15/11	04/24/11	03/15/11	10:00	3/18/2011 16:57

Client ID: SP-11 STOCKPILE	Lab ID: C102841-22	Sampled: 03/08/11 14:38	Received: 03/09/11 12:50

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6020A	09/04/11	09/11/11	03/15/11	13:58	3/17/2011 16:02
EPA 7470A	04/05/11	04/14/11	03/17/11	12:43	3/18/2011 09:36
EPA 8081B	03/15/11	04/24/11	03/15/11	14:34	3/21/2011 17:38
EPA 8151A	03/15/11	04/24/11	03/15/11	16:45	3/17/2011 20:10
EPA 8260B	03/22/11	03/30/11	03/16/11	17:00	3/17/2011 08:18
EPA 8270D	03/15/11	04/24/11	03/15/11	10:00	3/18/2011 17:25

Client ID: SP-6 STOCKPILE	Lab ID: C102841-23	Sampled: 03/08/11 16:15	Received: 03/09/11 12:50

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6020A	09/04/11	09/11/11	03/15/11	13:58	3/17/2011 16:16
EPA 7470A	04/05/11	04/14/11	03/17/11	12:43	3/18/2011 09:39
EPA 8081B	03/15/11	04/24/11	03/15/11	14:34	3/21/2011 17:51
EPA 8151A	03/15/11	04/24/11	03/15/11	16:45	3/17/2011 20:34
EPA 8260B	03/22/11	03/30/11	03/16/11	17:00	3/17/2011 09:52
EPA 8270D	03/15/11	04/24/11	03/15/11	10:00	3/18/2011 17:54

Client ID: SP-1 STOCKPILE	Lab ID: C102841-24	Sampled: 03/09/11 09:00	Received: 03/09/11 12:50

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 6020A	09/05/11	09/11/11	03/15/11	13:58	3/17/2011 16:23
EPA 7470A	04/06/11	04/14/11	03/17/11	12:43	3/18/2011 09:43
EPA 8151A	03/16/11	04/24/11	03/15/11	16:45	3/17/2011 20:58
EPA 8260B	03/23/11	04/04/11	03/21/11	10:14	3/21/2011 14:23
EPA 8270D	03/16/11	04/24/11	03/15/11	10:00	3/18/2011 18:22

Client ID: SP-1 STOCKPILE	Lab ID: C102841-24RE1	Sampled: 03/09/11 09:00	Received: 03/09/11 12:50

Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)
EPA 8081B	03/16/11	05/02/11	03/23/11	07:00	3/23/2011 14:03

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SAMPLE DETECTION SUMMARY

Client ID: SP-8 NSW **Lab ID: C102841-01**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
2-Butanone	0.030		0.0010	0.0066	mg/kg dry	EPA 8260B	
Acetone	0.15		0.0016	0.0066	mg/kg dry	EPA 8260B	
Benzo(a)anthracene	0.21	JD	0.15	1.8	mg/kg dry	EPA 8270D	R-05
Benzo(a)pyrene	0.20	JD	0.18	1.8	mg/kg dry	EPA 8270D	R-05
Benzo(b)fluoranthene	0.33	JD	0.096	1.8	mg/kg dry	EPA 8270D	R-05
Bis(2-ethylhexyl)phthalate	0.20	JD	0.19	1.8	mg/kg dry	EPA 8270D	R-05
Carbon disulfide	0.00073	J	0.00052	0.0066	mg/kg dry	EPA 8260B	
Chromium - Total	7.37	B	0.133	0.664	mg/kg dry	EPA 6010C	QB-01
Chrysene	0.24	JD	0.16	1.8	mg/kg dry	EPA 8270D	R-05
Fluoranthene	0.38	JD	0.19	1.8	mg/kg dry	EPA 8270D	R-05
Lead - Total	166		0.159	0.664	mg/kg dry	EPA 6010C	
Oil & Grease (HEM)	2240		66.4	66.4	mg/kg dry	EPA 9071B	
Pyrene	0.39	JD	0.20	1.8	mg/kg dry	EPA 8270D	R-05

Client ID: SP-8 SSW **Lab ID: C102841-02**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
1,2,4-Trimethylbenzene	0.090		0.00018	0.0010	mg/kg dry	EPA 8260B	
1,3,5-Trimethylbenzene	0.045		0.00021	0.0010	mg/kg dry	EPA 8260B	
2-Butanone	0.085		0.00082	0.0052	mg/kg dry	EPA 8260B	
2-Hexanone	0.014		0.00079	0.0052	mg/kg dry	EPA 8260B	
4-Isopropyltoluene	0.013		0.00017	0.0010	mg/kg dry	EPA 8260B	
Acetone	0.26		0.0013	0.0052	mg/kg dry	EPA 8260B	
Carbon disulfide	0.0014	J	0.00041	0.0052	mg/kg dry	EPA 8260B	
Chromium - Total	3.88	B	0.120	0.599	mg/kg dry	EPA 6010C	QB-01
Ethylbenzene	0.0039		0.00021	0.0010	mg/kg dry	EPA 8260B	
Isopropylbenzene	0.0028		0.00016	0.0010	mg/kg dry	EPA 8260B	
Lead - Total	148		0.144	0.599	mg/kg dry	EPA 6010C	
m,p-Xylenes	0.012		0.00039	0.0021	mg/kg dry	EPA 8260B	
Methylene Chloride	0.00087	J	0.00059	0.0021	mg/kg dry	EPA 8260B	
Naphthalene	0.011		0.00025	0.0010	mg/kg dry	EPA 8260B	
n-Butyl Benzene	0.013		0.00023	0.0010	mg/kg dry	EPA 8260B	
n-Propyl Benzene	0.0049		0.00019	0.0010	mg/kg dry	EPA 8260B	
Oil & Grease (HEM)	34400		59.9	59.9	mg/kg dry	EPA 9071B	
o-Xylene	0.010		0.00023	0.0010	mg/kg dry	EPA 8260B	
sec-Butylbenzene	0.011		0.00023	0.0010	mg/kg dry	EPA 8260B	
Toluene	0.0097		0.00021	0.0010	mg/kg dry	EPA 8260B	
Xylenes (Total)	0.023		0.00059	0.0031	mg/kg dry	EPA 8260B	

Client ID: SP-8 ESW **Lab ID: C102841-03**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
1,2,4-Trimethylbenzene	0.010		0.00018	0.0011	mg/kg dry	EPA 8260B	
1,3,5-Trimethylbenzene	0.0044		0.00021	0.0011	mg/kg dry	EPA 8260B	
2-Butanone	0.016		0.00082	0.0053	mg/kg dry	EPA 8260B	
4-Isopropyltoluene	0.024		0.00017	0.0011	mg/kg dry	EPA 8260B	
Acetone	0.079		0.0013	0.0053	mg/kg dry	EPA 8260B	
Carbon disulfide	0.00046	J	0.00041	0.0053	mg/kg dry	EPA 8260B	
Chromium - Total	11.7		0.118	0.588	mg/kg dry	EPA 6010C	
Ethylbenzene	0.00062	J	0.00021	0.0011	mg/kg dry	EPA 8260B	
Isopropylbenzene	0.00043	J	0.00016	0.0011	mg/kg dry	EPA 8260B	

Client ID: SP-8 ESW **Lab ID: C102841-03**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Lead - Total	60.3		0.141	0.588	mg/kg dry	EPA 6010C	
m,p-Xylenes	0.0017	J	0.00039	0.0021	mg/kg dry	EPA 8260B	
Naphthalene	0.0065		0.00025	0.0011	mg/kg dry	EPA 8260B	
n-Butyl Benzene	0.0024		0.00023	0.0011	mg/kg dry	EPA 8260B	
n-Propyl Benzene	0.00085	J	0.00019	0.0011	mg/kg dry	EPA 8260B	
Oil & Grease (HEM)	16300		58.8	58.8	mg/kg dry	EPA 9071B	
o-Xylene	0.0014		0.00023	0.0011	mg/kg dry	EPA 8260B	
sec-Butylbenzene	0.0013		0.00023	0.0011	mg/kg dry	EPA 8260B	
Toluene	0.00080	J	0.00021	0.0011	mg/kg dry	EPA 8260B	
Xylenes (Total)	0.0031	J	0.00059	0.0032	mg/kg dry	EPA 8260B	

Client ID: SP-8 WSW **Lab ID: C102841-04**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
1,2,4-Trimethylbenzene	0.0064		0.00018	0.0011	mg/kg dry	EPA 8260B	
1,3,5-Trimethylbenzene	0.0032		0.00021	0.0011	mg/kg dry	EPA 8260B	
2-Butanone	0.011		0.00082	0.0053	mg/kg dry	EPA 8260B	
4-Isopropyltoluene	0.0017		0.00017	0.0011	mg/kg dry	EPA 8260B	
Acetone	0.052		0.0013	0.0053	mg/kg dry	EPA 8260B	
Bis(2-ethylhexyl)phthalate	0.43	JD	0.21	2.0	mg/kg dry	EPA 8270D	R-05
Chromium - Total	3.85		0.121	0.604	mg/kg dry	EPA 6010C	
Di-n-octylphthalate	0.38	JD	0.20	2.0	mg/kg dry	EPA 8270D	R-05
Isopropylbenzene	0.00061	J	0.00016	0.0011	mg/kg dry	EPA 8260B	
Lead - Total	184		0.145	0.604	mg/kg dry	EPA 6010C	
m,p-Xylenes	0.00075	J	0.00039	0.0021	mg/kg dry	EPA 8260B	
n-Butyl Benzene	0.0024		0.00023	0.0011	mg/kg dry	EPA 8260B	
n-Propyl Benzene	0.00087	J	0.00019	0.0011	mg/kg dry	EPA 8260B	
Oil & Grease (HEM)	1770		60.4	60.4	mg/kg dry	EPA 9071B	
o-Xylene	0.0013		0.00023	0.0011	mg/kg dry	EPA 8260B	
sec-Butylbenzene	0.00092	J	0.00023	0.0011	mg/kg dry	EPA 8260B	
Xylenes (Total)	0.0020	J	0.00059	0.0032	mg/kg dry	EPA 8260B	

Client ID: SP-8 BASE **Lab ID: C102841-05**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
1,2,4-Trimethylbenzene	0.094		0.00020	0.0012	mg/kg dry	EPA 8260B	
1,3,5-Trimethylbenzene	0.039		0.00024	0.0012	mg/kg dry	EPA 8260B	
2-Butanone	0.025		0.00092	0.0059	mg/kg dry	EPA 8260B	
4-Isopropyltoluene	0.038		0.00019	0.0012	mg/kg dry	EPA 8260B	
Acetone	0.067		0.0014	0.0059	mg/kg dry	EPA 8260B	
Benzene	0.00094	J	0.00020	0.0012	mg/kg dry	EPA 8260B	
Chromium - Total	4.23		0.118	0.591	mg/kg dry	EPA 6010C	
Ethylbenzene	0.0070		0.00024	0.0012	mg/kg dry	EPA 8260B	
Isopropylbenzene	0.0038		0.00018	0.0012	mg/kg dry	EPA 8260B	
Lead - Total	10.1		0.142	0.591	mg/kg dry	EPA 6010C	
m,p-Xylenes	0.028		0.00044	0.0024	mg/kg dry	EPA 8260B	
Methylene Chloride	0.0028		0.00066	0.0024	mg/kg dry	EPA 8260B	
n-Butyl Benzene	0.015		0.00026	0.0012	mg/kg dry	EPA 8260B	
n-Propyl Benzene	0.0068		0.00021	0.0012	mg/kg dry	EPA 8260B	
Oil & Grease (HEM)	22800		59.1	59.1	mg/kg dry	EPA 9071B	
o-Xylene	0.016		0.00026	0.0012	mg/kg dry	EPA 8260B	
sec-Butylbenzene	0.010		0.00026	0.0012	mg/kg dry	EPA 8260B	
Toluene	0.034		0.00024	0.0012	mg/kg dry	EPA 8260B	

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Client ID: SP-8 BASE			Lab ID: C102841-05				
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Xylenes (Total)	0.044		0.00066	0.0035	mg/kg dry	EPA 8260B	

Client ID: SP-11 NSW			Lab ID: C102841-06				
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
2-Butanone	0.0083		0.00082	0.0052	mg/kg dry	EPA 8260B	
Acetone	0.032		0.0013	0.0052	mg/kg dry	EPA 8260B	
Carbon disulfide	0.0011	J	0.00041	0.0052	mg/kg dry	EPA 8260B	
Chromium - Total	5.13		0.123	0.617	mg/kg dry	EPA 6010C	
cis-1,2-Dichloroethene	0.0024		0.00024	0.0010	mg/kg dry	EPA 8260B	
Lead - Total	61.2		0.148	0.617	mg/kg dry	EPA 6010C	
Methylene Chloride	0.0010	J	0.00059	0.0021	mg/kg dry	EPA 8260B	
Oil & Grease (HEM)	423		61.7	61.7	mg/kg dry	EPA 9071B	
Toluene	0.00052	J	0.00021	0.0010	mg/kg dry	EPA 8260B	

Client ID: SP-11 SSW			Lab ID: C102841-07				
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
1,2,4-Trimethylbenzene	0.00050	J	0.00019	0.0011	mg/kg dry	EPA 8260B	
2-Butanone	0.0057		0.00086	0.0055	mg/kg dry	EPA 8260B	
Acetone	0.032		0.0013	0.0055	mg/kg dry	EPA 8260B	
Carbon disulfide	0.00064	J	0.00043	0.0055	mg/kg dry	EPA 8260B	
Chromium - Total	6.21		0.123	0.617	mg/kg dry	EPA 6010C	
cis-1,2-Dichloroethene	0.00051	J	0.00025	0.0011	mg/kg dry	EPA 8260B	
Lead - Total	16.5		0.148	0.617	mg/kg dry	EPA 6010C	
Methylene Chloride	0.00099	J	0.00062	0.0022	mg/kg dry	EPA 8260B	
Oil & Grease (HEM)	141		61.7	61.7	mg/kg dry	EPA 9071B	
Toluene	0.0011		0.00022	0.0011	mg/kg dry	EPA 8260B	

Client ID: SP-11 ESW			Lab ID: C102841-08				
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chromium - Total	3.82		0.121	0.605	mg/kg dry	EPA 6010C	
Lead - Total	13.9		0.145	0.605	mg/kg dry	EPA 6010C	
Methylene Chloride	0.0019	J	0.00060	0.0021	mg/kg dry	EPA 8260B	
Oil & Grease (HEM)	910		60.5	60.5	mg/kg dry	EPA 9071B	

Client ID: SP-11 WSW			Lab ID: C102841-09				
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Acetone	0.0036	J	0.0012	0.0048	mg/kg dry	EPA 8260B	
Chromium - Total	4.43		0.118	0.588	mg/kg dry	EPA 6010C	
Lead - Total	5.58		0.141	0.588	mg/kg dry	EPA 6010C	
Methylene Chloride	0.00055	J	0.00054	0.0019	mg/kg dry	EPA 8260B	
Oil & Grease (HEM)	140		58.8	58.8	mg/kg dry	EPA 9071B	

Client ID: SP-11 BASE			Lab ID: C102841-10				
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
2-Butanone	0.0085		0.00086	0.0055	mg/kg dry	EPA 8260B	
Acetone	0.038		0.0013	0.0055	mg/kg dry	EPA 8260B	
Benzo(a)anthracene	0.056	J	0.034	0.40	mg/kg dry	EPA 8270D	
Benzo(a)pyrene	0.051	J	0.040	0.40	mg/kg dry	EPA 8270D	
Benzo(b)fluoranthene	0.053	J	0.022	0.40	mg/kg dry	EPA 8270D	
Carbon disulfide	0.0013	J	0.00043	0.0055	mg/kg dry	EPA 8260B	
Chromium - Total	5.52		0.123	0.613	mg/kg dry	EPA 6010C	

Client ID: SP-11 BASE **Lab ID: C102841-10**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Chrysene	0.053	J	0.037	0.40	mg/kg dry	EPA 8270D	
cis-1,2-Dichloroethene	0.00082	J	0.00025	0.0011	mg/kg dry	EPA 8260B	
Fluoranthene	0.053	J	0.044	0.40	mg/kg dry	EPA 8270D	
Lead - Total	32.4		0.147	0.613	mg/kg dry	EPA 6010C	
Methylene Chloride	0.00093	J	0.00062	0.0022	mg/kg dry	EPA 8260B	
Pyrene	0.057	J	0.047	0.40	mg/kg dry	EPA 8270D	

Client ID: SP-6 NSW **Lab ID: C102841-11**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
2-Butanone	0.091		0.0011	0.0069	mg/kg dry	EPA 8260B	
Acetone	0.20		0.0016	0.0069	mg/kg dry	EPA 8260B	
Carbon disulfide	0.00072	J	0.00054	0.0069	mg/kg dry	EPA 8260B	
Chlorobenzene	0.010		0.00023	0.0014	mg/kg dry	EPA 8260B	
Chromium - Total	3.78		0.137	0.687	mg/kg dry	EPA 6010C	
Isopropylbenzene	0.068		0.00021	0.0014	mg/kg dry	EPA 8260B	
Lead - Total	38.4		0.165	0.687	mg/kg dry	EPA 6010C	
m,p-Xylenes	0.0014	J	0.00051	0.0027	mg/kg dry	EPA 8260B	
Methylene Chloride	0.00083	J	0.00077	0.0027	mg/kg dry	EPA 8260B	
n-Butyl Benzene	0.091		0.00030	0.0014	mg/kg dry	EPA 8260B	
Oil & Grease (HEM)	4530		68.7	68.7	mg/kg dry	EPA 9071B	
Phenanthrene	3.3	D	0.19	2.3	mg/kg dry	EPA 8270D	R-05
sec-Butylbenzene	0.098		0.00030	0.0014	mg/kg dry	EPA 8260B	
tert-Butylbenzene	0.014		0.00022	0.0014	mg/kg dry	EPA 8260B	
Xylenes (Total)	0.0014	J	0.00077	0.0041	mg/kg dry	EPA 8260B	

Client ID: SP-6 SSW **Lab ID: C102841-12**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
1,2,4-Trimethylbenzene	0.00072	J	0.00021	0.0012	mg/kg dry	EPA 8260B	
2-Butanone	0.0076		0.00096	0.0062	mg/kg dry	EPA 8260B	
Acetone	0.025		0.0015	0.0062	mg/kg dry	EPA 8260B	
Carbon disulfide	0.00090	J	0.00048	0.0062	mg/kg dry	EPA 8260B	
Chromium - Total	3.18		0.124	0.618	mg/kg dry	EPA 6010C	
Isopropylbenzene	0.00092	J	0.00019	0.0012	mg/kg dry	EPA 8260B	
Lead - Total	24.2		0.148	0.618	mg/kg dry	EPA 6010C	
Methylene Chloride	0.0013	J	0.00069	0.0025	mg/kg dry	EPA 8260B	
n-Butyl Benzene	0.0029		0.00027	0.0012	mg/kg dry	EPA 8260B	
Oil & Grease (HEM)	122		61.8	61.8	mg/kg dry	EPA 9071B	
sec-Butylbenzene	0.0027		0.00027	0.0012	mg/kg dry	EPA 8260B	
tert-Butylbenzene	0.00054	J	0.00020	0.0012	mg/kg dry	EPA 8260B	

Client ID: SP-6 ESW **Lab ID: C102841-13**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Acetone	0.016		0.0013	0.0056	mg/kg dry	EPA 8260B	
Carbon disulfide	0.00065	J	0.00043	0.0056	mg/kg dry	EPA 8260B	
Chromium - Total	2.13		0.123	0.613	mg/kg dry	EPA 6010C	
Lead - Total	14.3		0.147	0.613	mg/kg dry	EPA 6010C	
Methylene Chloride	0.0015	J	0.00062	0.0022	mg/kg dry	EPA 8260B	
Oil & Grease (HEM)	91.1		61.3	61.3	mg/kg dry	EPA 9071B	

Client ID: SP-6 WSW **Lab ID: C102841-14**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes

Client ID: SP-6 WSW **Lab ID: C102841-14**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Acenaphthene	1.3	JD	0.17	2.0	mg/kg dry	EPA 8270D	R-05
Benzo(b)fluoranthene	0.27	JD	0.11	2.0	mg/kg dry	EPA 8270D	R-05
Benzo(k)fluoranthene	0.35	JD	0.20	2.0	mg/kg dry	EPA 8270D	R-05
Chromium - Total	3.83		0.122	0.612	mg/kg dry	EPA 6010C	
Dimethylphthalate	0.21	JD	0.20	2.0	mg/kg dry	EPA 8270D	R-05
Fluoranthene	0.37	JD	0.22	2.0	mg/kg dry	EPA 8270D	R-05
Fluorene	2.5	D	0.18	2.0	mg/kg dry	EPA 8270D	R-05
Isopropylbenzene	0.30	D	0.034	0.23	mg/kg dry	EPA 8260B	R-05
Lead - Total	26.5		0.147	0.612	mg/kg dry	EPA 6010C	
n-Butyl Benzene	1.6	D	0.050	0.23	mg/kg dry	EPA 8260B	R-05
n-Propyl Benzene	0.24	D	0.041	0.23	mg/kg dry	EPA 8260B	R-05
Oil & Grease (HEM)	9400		61.2	61.2	mg/kg dry	EPA 9071B	
Phenanthrene	6.0	D	0.17	2.0	mg/kg dry	EPA 8270D	R-05
Pyrene	1.1	JD	0.23	2.0	mg/kg dry	EPA 8270D	R-05
sec-Butylbenzene	0.92	D	0.050	0.23	mg/kg dry	EPA 8260B	R-05

Client ID: SP-6 BASE **Lab ID: C102841-15**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Acenaphthene	0.34	JD	0.17	2.0	mg/kg dry	EPA 8270D	
Chromium - Total	2.54		0.121	0.603	mg/kg dry	EPA 6010C	
Fluorene	0.94	JD	0.17	2.0	mg/kg dry	EPA 8270D	
Isopropylbenzene	0.084	JD	0.017	0.11	mg/kg dry	EPA 8260B	R-05
Lead - Total	8.85		0.145	0.603	mg/kg dry	EPA 6010C	
n-Butyl Benzene	0.43	D	0.025	0.11	mg/kg dry	EPA 8260B	R-05
Oil & Grease (HEM)	1220		60.3	60.3	mg/kg dry	EPA 9071B	
Phenanthrene	0.83	JD	0.16	2.0	mg/kg dry	EPA 8270D	
sec-Butylbenzene	0.33	D	0.025	0.11	mg/kg dry	EPA 8260B	R-05

Client ID: SP-1 NSW **Lab ID: C102841-16**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Acenaphthene	42	D	0.66	7.8	mg/kg dry	EPA 8270D	R-05
Anthracene	14	D	0.89	7.8	mg/kg dry	EPA 8270D	R-05
Benzo(a)anthracene	6.2	JD	0.66	7.8	mg/kg dry	EPA 8270D	R-05
Benzo(a)pyrene	1.9	JD	0.78	7.8	mg/kg dry	EPA 8270D	R-05
Benzo(b)fluoranthene	2.7	JD	0.42	7.8	mg/kg dry	EPA 8270D	R-05
Benzo(k)fluoranthene	1.6	JD	0.78	7.8	mg/kg dry	EPA 8270D	R-05
Chromium - Total	2.68		0.118	0.588	mg/kg dry	EPA 6010C	
Chrysene	5.1	JD	0.71	7.8	mg/kg dry	EPA 8270D	R-05
Dibenzofuran	33	D	0.63	7.8	mg/kg dry	EPA 8270D	R-05
Fluoranthene	31	D	0.85	7.8	mg/kg dry	EPA 8270D	R-05
Fluorene	47	D	0.68	7.8	mg/kg dry	EPA 8270D	R-05
Isopropylbenzene	0.32	D	0.036	0.24	mg/kg dry	EPA 8260B	R-05
Lead - Total	10.3		0.141	0.588	mg/kg dry	EPA 6010C	
n-Butyl Benzene	0.96	D	0.052	0.24	mg/kg dry	EPA 8260B	R-05
Oil & Grease (HEM)	3840		58.8	58.8	mg/kg dry	EPA 9071B	
Phenanthrene	1.6	JD	0.63	7.8	mg/kg dry	EPA 8270D	R-05
Pyrene	21	D	0.89	7.8	mg/kg dry	EPA 8270D	R-05

Client ID: SP-1 SSW **Lab ID: C102841-17**

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
1,2,4-Trimethylbenzene	0.0012		0.00019	0.0011	mg/kg dry	EPA 8260B	

Client ID: SP-1 SSW			Lab ID: C102841-17				
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Acenaphthene	7.7	D	0.16	1.9	mg/kg dry	EPA 8270D	R-05
Acetone	0.052		0.0014	0.0057	mg/kg dry	EPA 8260B	
Anthracene	1.6	JD	0.22	1.9	mg/kg dry	EPA 8270D	R-05
Benzo(a)anthracene	1.1	JD	0.16	1.9	mg/kg dry	EPA 8270D	R-05
Benzo(a)pyrene	0.36	JD	0.19	1.9	mg/kg dry	EPA 8270D	R-05
Benzo(b)fluoranthene	0.53	JD	0.10	1.9	mg/kg dry	EPA 8270D	R-05
Benzo(k)fluoranthene	0.30	JD	0.19	1.9	mg/kg dry	EPA 8270D	R-05
Carbon disulfide	0.00069	J	0.00044	0.0057	mg/kg dry	EPA 8260B	
Chromium - Total	15.1		0.114	0.570	mg/kg dry	EPA 6010C	
Chrysene	0.75	JD	0.17	1.9	mg/kg dry	EPA 8270D	R-05
Dibenzofuran	4.8	D	0.15	1.9	mg/kg dry	EPA 8270D	R-05
Ethylbenzene	0.00071	J	0.00023	0.0011	mg/kg dry	EPA 8260B	
Fluoranthene	5.2	D	0.21	1.9	mg/kg dry	EPA 8270D	R-05
Fluorene	8.4	D	0.17	1.9	mg/kg dry	EPA 8270D	R-05
Isopropylbenzene	0.012		0.00017	0.0011	mg/kg dry	EPA 8260B	
Lead - Total	316		0.137	0.570	mg/kg dry	EPA 6010C	
m,p-Xylenes	0.0013	J	0.00042	0.0023	mg/kg dry	EPA 8260B	
Methylene Chloride	0.0011	J	0.00064	0.0023	mg/kg dry	EPA 8260B	
n-Butyl Benzene	0.014		0.00025	0.0011	mg/kg dry	EPA 8260B	
Oil & Grease (HEM)	2240		57.0	57.0	mg/kg dry	EPA 9071B	
Phenanthrene	8.7	D	0.15	1.9	mg/kg dry	EPA 8270D	R-05
Pyrene	3.5	D	0.22	1.9	mg/kg dry	EPA 8270D	R-05
sec-Butylbenzene	0.014		0.00025	0.0011	mg/kg dry	EPA 8260B	
tert-Butylbenzene	0.0031		0.00018	0.0011	mg/kg dry	EPA 8260B	
Toluene	0.0031		0.00023	0.0011	mg/kg dry	EPA 8260B	
Xylenes (Total)	0.0013	J	0.00064	0.0034	mg/kg dry	EPA 8260B	

Client ID: SP-1 ESW			Lab ID: C102841-18				
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
4,4'-DDD	0.011		0.00040	0.0021	mg/kg dry	EPA 8081B	
4,4'-DDE	0.018		0.00051	0.0021	mg/kg dry	EPA 8081B	
Acenaphthene	1.8	JD	0.17	2.1	mg/kg dry	EPA 8270D	R-05
Chromium - Total	2.81		0.124	0.621	mg/kg dry	EPA 6010C	
Dibenzofuran	0.71	JD	0.17	2.1	mg/kg dry	EPA 8270D	R-05
Fluoranthene	0.34	JD	0.22	2.1	mg/kg dry	EPA 8270D	R-05
Fluorene	0.61	JD	0.18	2.1	mg/kg dry	EPA 8270D	R-05
Lead - Total	19.7		0.149	0.621	mg/kg dry	EPA 6010C	
m,p-Xylenes	0.045	JD	0.042	0.23	mg/kg dry	EPA 8260B	R-05
Oil & Grease (HEM)	1990		62.1	62.1	mg/kg dry	EPA 9071B	
Pyrene	0.29	JD	0.24	2.1	mg/kg dry	EPA 8270D	R-05

Client ID: SP-1 WSW			Lab ID: C102841-19				
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
1,2,4-Trimethylbenzene	0.00094	J	0.00020	0.0012	mg/kg dry	EPA 8260B	
2-Butanone	0.032		0.00093	0.0059	mg/kg dry	EPA 8260B	
4-Isopropyltoluene	0.0010	J	0.00019	0.0012	mg/kg dry	EPA 8260B	
Acenaphthene	32	D	0.66	7.8	mg/kg dry	EPA 8270D	
Acetone	0.081		0.0014	0.0059	mg/kg dry	EPA 8260B	
Anthracene	9.4	D	0.90	7.8	mg/kg dry	EPA 8270D	
Benzo(a)anthracene	4.9	JD	0.66	7.8	mg/kg dry	EPA 8270D	
Benzo(a)pyrene	1.4	JD	0.78	7.8	mg/kg dry	EPA 8270D	

Client ID: SP-1 WSW			Lab ID: C102841-19				
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Benzo(b)fluoranthene	2.1	JD	0.43	7.8	mg/kg dry	EPA 8270D	
Benzo(k)fluoranthene	1.2	JD	0.78	7.8	mg/kg dry	EPA 8270D	
Carbon disulfide	0.00095	J	0.00046	0.0059	mg/kg dry	EPA 8260B	
Chromium - Total	5.90		0.119	0.593	mg/kg dry	EPA 6010C	
Chrysene	3.9	JD	0.71	7.8	mg/kg dry	EPA 8270D	
Dibenzofuran	27	D	0.64	7.8	mg/kg dry	EPA 8270D	
Ethylbenzene	0.0010	J	0.00024	0.0012	mg/kg dry	EPA 8260B	
Fluoranthene	23	D	0.85	7.8	mg/kg dry	EPA 8270D	
Fluorene	37	D	0.69	7.8	mg/kg dry	EPA 8270D	
Isopropylbenzene	0.020		0.00018	0.0012	mg/kg dry	EPA 8260B	
Lead - Total	43.1		0.142	0.593	mg/kg dry	EPA 6010C	
m,p-Xylenes	0.00075	J	0.00044	0.0024	mg/kg dry	EPA 8260B	
Methylene Chloride	0.00091	J	0.00066	0.0024	mg/kg dry	EPA 8260B	
n-Butyl Benzene	0.029		0.00026	0.0012	mg/kg dry	EPA 8260B	
n-Propyl Benzene	0.025		0.00021	0.0012	mg/kg dry	EPA 8260B	
Oil & Grease (HEM)	4030		59.3	59.3	mg/kg dry	EPA 9071B	
Phenanthrene	47	D	0.64	7.8	mg/kg dry	EPA 8270D	
Pyrene	15	D	0.90	7.8	mg/kg dry	EPA 8270D	
sec-Butylbenzene	0.017		0.00026	0.0012	mg/kg dry	EPA 8260B	
tert-Butylbenzene	0.0041		0.00019	0.0012	mg/kg dry	EPA 8260B	
Xylenes (Total)	0.00075	J	0.00066	0.0036	mg/kg dry	EPA 8260B	

Client ID: SP-1 BASE			Lab ID: C102841-20				
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Acenaphthene	10	D	0.17	2.0	mg/kg dry	EPA 8270D	R-05
Anthracene	2.5	D	0.23	2.0	mg/kg dry	EPA 8270D	R-05
Benzo(a)anthracene	1.2	JD	0.17	2.0	mg/kg dry	EPA 8270D	R-05
Benzo(a)pyrene	0.39	JD	0.20	2.0	mg/kg dry	EPA 8270D	R-05
Benzo(b)fluoranthene	0.57	JD	0.11	2.0	mg/kg dry	EPA 8270D	R-05
Benzo(k)fluoranthene	0.26	JD	0.20	2.0	mg/kg dry	EPA 8270D	R-05
Chromium - Total	2.43		0.119	0.597	mg/kg dry	EPA 6010C	
Chrysene	0.93	JD	0.18	2.0	mg/kg dry	EPA 8270D	R-05
Dibenzofuran	8.0	D	0.16	2.0	mg/kg dry	EPA 8270D	R-05
Fluoranthene	6.2	D	0.22	2.0	mg/kg dry	EPA 8270D	R-05
Fluorene	11	D	0.17	2.0	mg/kg dry	EPA 8270D	R-05
Lead - Total	7.59		0.143	0.597	mg/kg dry	EPA 6010C	
Naphthalene	0.84	D	0.032	0.13	mg/kg dry	EPA 8260B	R-05
n-Butyl Benzene	0.35	D	0.030	0.13	mg/kg dry	EPA 8260B	R-05
Oil & Grease (HEM)	514		59.7	59.7	mg/kg dry	EPA 9071B	
Phenanthrene	12	D	0.16	2.0	mg/kg dry	EPA 8270D	R-05
Pyrene	4.2	D	0.23	2.0	mg/kg dry	EPA 8270D	R-05

Client ID: SP-11 STOCKPILE			Lab ID: C102841-22				
Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Lead - TCLP	0.627	JD	0.0800	12.5	mg/L	EPA 6020A	

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ANALYTICAL RESULTS

Description: SP-8 NSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-01
Sampled: 03/08/11 12:35
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 75.3

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00021	U	mg/kg dry	1	0.00021	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00024	U	mg/kg dry	1	0.00024	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00027	U	mg/kg dry	1	0.00027	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00031	U	mg/kg dry	1	0.00031	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00033	U	mg/kg dry	1	0.00033	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00040	U	mg/kg dry	1	0.00040	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00042	U	mg/kg dry	1	0.00042	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00028	U	mg/kg dry	1	0.00028	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00045	U	mg/kg dry	1	0.00045	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00036	U	mg/kg dry	1	0.00036	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00023	U	mg/kg dry	1	0.00023	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.0010	U	mg/kg dry	1	0.0010	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00061	U	mg/kg dry	1	0.00061	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00036	U	mg/kg dry	1	0.00036	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00050	U	mg/kg dry	1	0.00050	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00035	U	mg/kg dry	1	0.00035	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00027	U	mg/kg dry	1	0.00027	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00029	U	mg/kg dry	1	0.00029	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00038	U	mg/kg dry	1	0.00038	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00027	U	mg/kg dry	1	0.00027	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00031	U	mg/kg dry	1	0.00031	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
2-Butanone [78-93-3] ^	**0.030**		mg/kg dry	1	0.0010	0.0066	1C17020	EPA 8260B	03/17/11 19:40	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00065	U	mg/kg dry	1	0.00065	0.0066	1C17020	EPA 8260B	03/17/11 19:40	JKG	
2-Chlorotoluene [95-49-8] ^	0.00024	U	mg/kg dry	1	0.00024	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
2-Hexanone [591-78-6] ^	0.0010	U	mg/kg dry	1	0.0010	0.0066	1C17020	EPA 8260B	03/17/11 19:40	JKG	
4-Chlorotoluene [106-43-4] ^	0.00035	U	mg/kg dry	1	0.00035	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00021	U	mg/kg dry	1	0.00021	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00076	U	mg/kg dry	1	0.00076	0.0066	1C17020	EPA 8260B	03/17/11 19:40	JKG	
Acetone [67-64-1] ^	**0.15**		mg/kg dry	1	0.0016	0.0066	1C17020	EPA 8260B	03/17/11 19:40	JKG	
Benzene [71-43-2] ^	0.00023	U	mg/kg dry	1	0.00023	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
Bromobenzene [108-86-1] ^	0.00029	U	mg/kg dry	1	0.00029	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
Bromochloromethane [74-97-5] ^	0.00054	U	mg/kg dry	1	0.00054	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
Bromodichloromethane [75-27-4] ^	0.00032	U	mg/kg dry	1	0.00032	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
Bromoform [75-25-2] ^	0.00060	U	mg/kg dry	1	0.00060	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
Bromomethane [74-83-9] ^	0.00031	U	mg/kg dry	1	0.00031	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
Carbon disulfide [75-15-0] ^	**0.00073**	J	mg/kg dry	1	0.00052	0.0066	1C17020	EPA 8260B	03/17/11 19:40	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00029	U	mg/kg dry	1	0.00029	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
Chlorobenzene [108-90-7] ^	0.00023	U	mg/kg dry	1	0.00023	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
Chloroethane [75-00-3] ^	0.00033	U	mg/kg dry	1	0.00033	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
Chloroform [67-66-3] ^	0.00023	U	mg/kg dry	1	0.00023	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
Chloromethane [74-87-3] ^	0.00020	U	mg/kg dry	1	0.00020	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00031	U	mg/kg dry	1	0.00031	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00017	U	mg/kg dry	1	0.00017	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
Dibromochloromethane [124-48-1] ^	0.00046	U	mg/kg dry	1	0.00046	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
Dibromomethane [74-95-3] ^	0.00041	U	mg/kg dry	1	0.00041	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00060	U	mg/kg dry	1	0.00060	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
Ethylbenzene [100-41-4] ^	0.00027	U	mg/kg dry	1	0.00027	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00046	U	mg/kg dry	1	0.00046	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	

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Description: SP-8 NSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-01
Sampled: 03/08/11 12:35
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 75.3

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Isopropylbenzene [98-82-8] ^	0.00020	U	mg/kg dry	1	0.00020	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00049	U	mg/kg dry	1	0.00049	0.0027	1C17020	EPA 8260B	03/17/11 19:40	JKG	
Methylene Chloride [75-09-2] ^	0.00074	U	mg/kg dry	1	0.00074	0.0027	1C17020	EPA 8260B	03/17/11 19:40	JKG	
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00040	U	mg/kg dry	1	0.00040	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
Naphthalene [91-20-3] ^	0.00032	U	mg/kg dry	1	0.00032	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
n-Butyl Benzene [104-51-8] ^	0.00029	U	mg/kg dry	1	0.00029	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
n-Propyl Benzene [103-65-1] ^	0.00024	U	mg/kg dry	1	0.00024	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
o-Xylene [95-47-6] ^	0.00029	U	mg/kg dry	1	0.00029	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
sec-Butylbenzene [135-98-8] ^	0.00029	U	mg/kg dry	1	0.00029	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
Styrene [100-42-5] ^	0.00023	U	mg/kg dry	1	0.00023	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
tert-Butylbenzene [98-06-6] ^	0.00021	U	mg/kg dry	1	0.00021	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
Tetrachloroethene [127-18-4] ^	0.00037	U	mg/kg dry	1	0.00037	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
Toluene [108-88-3] ^	0.00027	U	mg/kg dry	1	0.00027	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00049	U	mg/kg dry	1	0.00049	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00052	U	mg/kg dry	1	0.00052	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
Trichloroethene [79-01-6] ^	0.00036	U	mg/kg dry	1	0.00036	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00035	U	mg/kg dry	1	0.00035	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
Vinyl chloride [75-01-4] ^	0.00032	U	mg/kg dry	1	0.00032	0.0013	1C17020	EPA 8260B	03/17/11 19:40	JKG	
Xylenes (Total) [1330-20-7] ^	0.00074	U	mg/kg dry	1	0.00074	0.0040	1C17020	EPA 8260B	03/17/11 19:40	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*45*	*1*	*50.0*	*91 %*	*61-118*	*1C17020*	*EPA 8260B*	*03/17/11 19:40*	*JKG*	
Dibromofluoromethane	*43*	*1*	*50.0*	*87 %*	*66-114*	*1C17020*	*EPA 8260B*	*03/17/11 19:40*	*JKG*	
Toluene-d8	*47*	*1*	*50.0*	*94 %*	*63-118*	*1C17020*	*EPA 8260B*	*03/17/11 19:40*	*JKG*	

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Description: SP-8 NSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-01
Sampled: 03/08/11 12:35
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 75.3

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	0.14	UD	mg/kg dry	4	0.14	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
1,2-Dichlorobenzene [95-50-1] ^	0.12	UD	mg/kg dry	4	0.12	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
1,3-Dichlorobenzene [541-73-1] ^	0.11	UD	mg/kg dry	4	0.11	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
1,4-Dichlorobenzene [106-46-7] ^	0.11	UD	mg/kg dry	4	0.11	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
1-Methylnaphthalene [90-12-0] ^	0.14	UD	mg/kg dry	4	0.14	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
2,4,5-Trichlorophenol [95-95-4] ^	0.14	UD	mg/kg dry	4	0.14	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
2,4,6-Trichlorophenol [88-06-2] ^	0.14	UD	mg/kg dry	4	0.14	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
2,4-Dichlorophenol [120-83-2] ^	0.13	UD	mg/kg dry	4	0.13	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
2,4-Dimethylphenol [105-67-9] ^	0.23	UD	mg/kg dry	4	0.23	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
2,4-Dinitrophenol [51-28-5] ^	0.23	UD	mg/kg dry	4	0.23	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
2,4-Dinitrotoluene [121-14-2] ^	0.15	UD	mg/kg dry	4	0.15	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
2,6-Dinitrotoluene [606-20-2] ^	0.16	UD	mg/kg dry	4	0.16	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
2-Chloronaphthalene [91-58-7] ^	0.15	UD	mg/kg dry	4	0.15	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
2-Chlorophenol [95-57-8] ^	0.13	UD	mg/kg dry	4	0.13	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
2-Methyl-4,6-dinitrophenol [534-52-1] ^	0.18	UD	mg/kg dry	4	0.18	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	QV-01, R-05
2-Methylnaphthalene [91-57-6] ^	0.15	UD	mg/kg dry	4	0.15	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
2-Methylphenol [95-48-7] ^	0.13	UD	mg/kg dry	4	0.13	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
2-Nitroaniline [88-74-4] ^	0.16	UD	mg/kg dry	4	0.16	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
2-Nitrophenol [88-75-5] ^	0.16	UD	mg/kg dry	4	0.16	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.14	UD	mg/kg dry	4	0.14	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
3,3'-Dichlorobenzidine [91-94-1] ^	0.52	UD	mg/kg dry	4	0.52	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
3-Nitroaniline [99-09-2] ^	0.19	UD	mg/kg dry	4	0.19	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
4-Bromophenyl-phenylether [101-55-3] ^	0.14	UD	mg/kg dry	4	0.14	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
4-Chloro-3-methylphenol [59-50-7] ^	0.18	UD	mg/kg dry	4	0.18	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
4-Chloroaniline [106-47-8] ^	0.49	UD	mg/kg dry	4	0.49	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
4-Chlorophenyl-phenylether [7005-72-3] ^	0.14	UD	mg/kg dry	4	0.14	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
4-Nitroaniline [100-01-6] ^	0.28	UD	mg/kg dry	4	0.28	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
4-Nitrophenol [100-02-7]	0.16	UD	mg/kg dry	4	0.16	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
Acenaphthene [83-32-9] ^	0.15	UD	mg/kg dry	4	0.15	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
Acenaphthylene [208-96-8] ^	0.15	UD	mg/kg dry	4	0.15	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
Anthracene [120-12-7] ^	0.20	UD	mg/kg dry	4	0.20	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
Benzidine [92-87-5] ^	0.58	UD	mg/kg dry	4	0.58	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
Benzo(a)anthracene [56-55-3] ^	**0.21**	JD	mg/kg dry	4	0.15	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
Benzo(a)pyrene [50-32-8] ^	**0.20**	JD	mg/kg dry	4	0.18	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
Benzo(b)fluoranthene [205-99-2] ^	**0.33**	JD	mg/kg dry	4	0.096	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
Benzo(g,h,i)perylene [191-24-2] ^	0.25	UD	mg/kg dry	4	0.25	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
Benzo(k)fluoranthene [207-08-9] ^	0.18	UD	mg/kg dry	4	0.18	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
Benzoic acid [65-85-0] ^	0.80	UD	mg/kg dry	4	0.80	9.0	1C18035	EPA 8270D	03/24/11 01:38	DFM	QV-01, R-05
Benzyl alcohol [100-51-6] ^	0.12	UD	mg/kg dry	4	0.12	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
Bis(2-chloroethoxy)methane [111-91-1] ^	0.13	UD	mg/kg dry	4	0.13	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
Bis(2-chloroethyl)ether [111-44-4] ^	0.23	UD	mg/kg dry	4	0.23	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
Bis(2-chloroisopropyl)ether [108-60-1] ^	0.13	UD	mg/kg dry	4	0.13	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
Bis(2-ethylhexyl)phthalate [117-81-7] ^	**0.20**	JD	mg/kg dry	4	0.19	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
Butylbenzylphthalate [85-68-7] ^	0.21	UD	mg/kg dry	4	0.21	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
Chrysene [218-01-9] ^	**0.24**	JD	mg/kg dry	4	0.16	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
Dibenzo(a,h)anthracene [53-70-3] ^	0.27	UD	mg/kg dry	4	0.27	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
Dibenzofuran [132-64-9] ^	0.14	UD	mg/kg dry	4	0.14	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
Diethylphthalate [84-66-2] ^	0.15	UD	mg/kg dry	4	0.15	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
Dimethylphthalate [131-11-3] ^	0.18	UD	mg/kg dry	4	0.18	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
Di-n-butylphthalate [84-74-2] ^	0.22	UD	mg/kg dry	4	0.22	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05

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Description: SP-8 NSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-01
Sampled: 03/08/11 12:35
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 75.3

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Di-n-octylphthalate [117-84-0] ^	0.18	UD	mg/kg dry	4	0.18	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
Fluoranthene [206-44-0] ^	**0.38**	JD	mg/kg dry	4	0.19	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
Fluorene [86-73-7] ^	0.15	UD	mg/kg dry	4	0.15	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
Hexachlorobenzene [118-74-1] ^	0.14	UD	mg/kg dry	4	0.14	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
Hexachlorobutadiene [87-68-3] ^	0.14	UD	mg/kg dry	4	0.14	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
Hexachlorocyclopentadiene [77-47-4] ^	0.21	UD	mg/kg dry	4	0.21	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	QV-01, R-05
Hexachloroethane [67-72-1] ^	0.11	UD	mg/kg dry	4	0.11	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.25	UD	mg/kg dry	4	0.25	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
Isophorone [78-59-1] ^	0.16	UD	mg/kg dry	4	0.16	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
Naphthalene [91-20-3] ^	0.15	UD	mg/kg dry	4	0.15	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
Nitrobenzene [98-95-3] ^	0.14	UD	mg/kg dry	4	0.14	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
N-Nitrosodimethylamine [62-75-9] ^	0.11	UD	mg/kg dry	4	0.11	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
N-Nitroso-di-n-propylamine [621-64-7] ^	0.43	UD	mg/kg dry	4	0.43	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	0.29	UD	mg/kg dry	4	0.29	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
Pentachlorophenol [87-86-5]	0.18	UD	mg/kg dry	4	0.18	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	QV-01, R-05
Phenanthrene [85-01-8] ^	0.14	UD	mg/kg dry	4	0.14	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
Phenol [108-95-2] ^	0.12	UD	mg/kg dry	4	0.12	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
Pyrene [129-00-0] ^	**0.39**	JD	mg/kg dry	4	0.20	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05
Pyridine [110-86-1] ^	0.44	UD	mg/kg dry	4	0.44	1.8	1C18035	EPA 8270D	03/24/11 01:38	DFM	R-05

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*3.8*	*4*	*4.43*	*86 %*	*28-130*	*1C18035*	*EPA 8270D*	*03/24/11 01:38*	*DFM*	*R-05*
2-Fluorobiphenyl	*1.8*	*4*	*2.21*	*82 %*	*56-120*	*1C18035*	*EPA 8270D*	*03/24/11 01:38*	*DFM*	*R-05*
2-Fluorophenol	*2.0*	*4*	*4.43*	*45 %*	*49-126*	*1C18035*	*EPA 8270D*	*03/24/11 01:38*	*DFM*	*R-05*
Nitrobenzene-d5	*1.5*	*4*	*2.21*	*68 %*	*50-117*	*1C18035*	*EPA 8270D*	*03/24/11 01:38*	*DFM*	*R-05*
Phenol-d5	*3.1*	*4*	*4.43*	*70 %*	*56-120*	*1C18035*	*EPA 8270D*	*03/24/11 01:38*	*DFM*	*R-05*
Terphenyl-d14	*2.0*	*4*	*2.21*	*91 %*	*36-151*	*1C18035*	*EPA 8270D*	*03/24/11 01:38*	*DFM*	*R-05*

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Description: SP-8 NSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-01
Sampled: 03/08/11 12:35
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 75.3

Organochlorine Pesticides by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8] ^	0.00042	U	mg/kg dry	1	0.00042	0.0023	1C10023	EPA 8081B	03/11/11 15:47	MSZ	
4,4'-DDE [72-55-9] ^	0.00054	U	mg/kg dry	1	0.00054	0.0023	1C10023	EPA 8081B	03/11/11 15:47	MSZ	
4,4'-DDT [50-29-3] ^	0.00069	U	mg/kg dry	1	0.00069	0.0023	1C10023	EPA 8081B	03/11/11 15:47	MSZ	
Aldrin [309-00-2] ^	0.00048	U	mg/kg dry	1	0.00048	0.0023	1C10023	EPA 8081B	03/11/11 15:47	MSZ	
alpha-BHC [319-84-6] ^	0.00065	U	mg/kg dry	1	0.00065	0.0023	1C10023	EPA 8081B	03/11/11 15:47	MSZ	
beta-BHC [319-85-7] ^	0.00094	U	mg/kg dry	1	0.00094	0.0023	1C10023	EPA 8081B	03/11/11 15:47	MSZ	
Chlordane (tech) [12789-03-6] ^	0.0015	U	mg/kg dry	1	0.0015	0.044	1C10023	EPA 8081B	03/11/11 15:47	MSZ	
Chlordane-alpha [5103-71-9] ^	0.00061	U	mg/kg dry	1	0.00061	0.0023	1C10023	EPA 8081B	03/11/11 15:47	MSZ	
Chlordane-gamma [5566-34-7] ^	0.00080	U	mg/kg dry	1	0.00080	0.0023	1C10023	EPA 8081B	03/11/11 15:47	MSZ	
delta-BHC [319-86-8] ^	0.00040	U	mg/kg dry	1	0.00040	0.0023	1C10023	EPA 8081B	03/11/11 15:47	MSZ	
Dieldrin [60-57-1] ^	0.00042	U	mg/kg dry	1	0.00042	0.0023	1C10023	EPA 8081B	03/11/11 15:47	MSZ	
Endosulfan I [959-98-8] ^	0.00054	U	mg/kg dry	1	0.00054	0.0023	1C10023	EPA 8081B	03/11/11 15:47	MSZ	
Endosulfan II [33213-65-9] ^	0.00052	U	mg/kg dry	1	0.00052	0.0023	1C10023	EPA 8081B	03/11/11 15:47	MSZ	
Endosulfan sulfate [1031-07-8] ^	0.00064	U	mg/kg dry	1	0.00064	0.0023	1C10023	EPA 8081B	03/11/11 15:47	MSZ	
Endrin [72-20-8] ^	0.00052	U	mg/kg dry	1	0.00052	0.0023	1C10023	EPA 8081B	03/11/11 15:47	MSZ	
Endrin aldehyde [7421-93-4] ^	0.00045	U	mg/kg dry	1	0.00045	0.0023	1C10023	EPA 8081B	03/11/11 15:47	MSZ	
Endrin ketone [53494-70-5] ^	0.00040	U	mg/kg dry	1	0.00040	0.0023	1C10023	EPA 8081B	03/11/11 15:47	MSZ	
gamma-BHC [58-89-9] ^	0.00056	U	mg/kg dry	1	0.00056	0.0023	1C10023	EPA 8081B	03/11/11 15:47	MSZ	
Heptachlor [76-44-8] ^	0.00061	U	mg/kg dry	1	0.00061	0.0023	1C10023	EPA 8081B	03/11/11 15:47	MSZ	
Heptachlor epoxide [1024-57-3] ^	0.00057	U	mg/kg dry	1	0.00057	0.0023	1C10023	EPA 8081B	03/11/11 15:47	MSZ	
Isodrin [465-73-6] ^	0.00048	U	mg/kg dry	1	0.00048	0.0023	1C10023	EPA 8081B	03/11/11 15:47	MSZ	
Methoxychlor [72-43-5] ^	0.00056	U	mg/kg dry	1	0.00056	0.0023	1C10023	EPA 8081B	03/11/11 15:47	MSZ	
Mirex [2385-85-5] ^	0.00074	U	mg/kg dry	1	0.00074	0.0023	1C10023	EPA 8081B	03/11/11 15:47	MSZ	
Toxaphene [8001-35-2] ^	0.013	U	mg/kg dry	1	0.013	0.023	1C10023	EPA 8081B	03/11/11 15:47	MSZ	

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Description: SP-8 NSW	**Lab Sample ID:** C102841-01	**Received:** 03/09/11 12:50
Matrix: Soil	**Sampled:** 03/08/11 12:35	**Work Order:** C102841
Project: Point Harbour Site	**Sampled By:** Michael Sabodish	**% Solids:** 75.3

Polychlorinated Biphenyls by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
PCB-1016/1242 [12674-11-2/53469-21-9] ^	0.010	U	mg/kg dry	1	0.010	0.023	1C10024	EPA 8082A	03/11/11 15:47	MSZ	
PCB-1221 [11104-28-2] ^	0.0069	U	mg/kg dry	1	0.0069	0.023	1C10024	EPA 8082A	03/11/11 15:47	MSZ	
PCB-1232 [11141-16-5] ^	0.0069	U	mg/kg dry	1	0.0069	0.023	1C10024	EPA 8082A	03/11/11 15:47	MSZ	
PCB-1248 [12672-29-6] ^	0.0069	U	mg/kg dry	1	0.0069	0.023	1C10024	EPA 8082A	03/11/11 15:47	MSZ	
PCB-1254 [11097-69-1] ^	0.0069	U	mg/kg dry	1	0.0069	0.023	1C10024	EPA 8082A	03/11/11 15:47	MSZ	
PCB-1260 [11096-82-5] ^	0.0054	U	mg/kg dry	1	0.0054	0.023	1C10024	EPA 8082A	03/11/11 15:47	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,5,6-TCMX	*0.044*	*1*	*0.0443*	*100 %*	*44-168*	*1C10024*	*EPA 8082A*	*03/11/11 15:47*	*MSZ*	
Decachlorobiphenyl	*0.049*	*1*	*0.0443*	*110 %*	*51-154*	*1C10024*	*EPA 8082A*	*03/11/11 15:47*	*MSZ*	

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Description:	SP-8 NSW	**Lab Sample ID:**	C102841-01	**Received:**	03/09/11 12:50
Matrix:	Soil	**Sampled:**	03/08/11 12:35	**Work Order:**	C102841
Project:	Point Harbour Site	**Sampled By:**	Michael Sabodish	**% Solids:**	75.3

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	**7.37**	B	mg/kg dry	1	0.133	0.664	1C12003	EPA 6010C	03/16/11 12:59	JDH	QB-01
Lead [7439-92-1] ^	**166**		mg/kg dry	1	0.159	0.664	1C12003	EPA 6010C	03/16/11 12:59	JDH	

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Description: SP-8 NSW	**Lab Sample ID:** C102841-01	**Received:** 03/09/11 12:50
Matrix: Soil	**Sampled:** 03/08/11 12:35	**Work Order:** C102841
Project: Point Harbour Site	**Sampled By:** Michael Sabodish	**% Solids:** 75.3

Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM) [C-0007] ^	**2240**		mg/kg dry	1	66.4	66.4	1C17007	EPA 9071B	03/22/11 11:48	MJF	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SP-8 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-02
Sampled: 03/08/11 12:35
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 83.4

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00019	U	mg/kg dry	1	0.00019	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00021	U	mg/kg dry	1	0.00021	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00024	U	mg/kg dry	1	0.00024	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00026	U	mg/kg dry	1	0.00026	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00031	U	mg/kg dry	1	0.00031	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00034	U	mg/kg dry	1	0.00034	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00022	U	mg/kg dry	1	0.00022	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00036	U	mg/kg dry	1	0.00036	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00028	U	mg/kg dry	1	0.00028	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	**0.090**		mg/kg dry	1	0.00018	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00083	U	mg/kg dry	1	0.00083	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00048	U	mg/kg dry	1	0.00048	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00028	U	mg/kg dry	1	0.00028	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00040	U	mg/kg dry	1	0.00040	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00027	U	mg/kg dry	1	0.00027	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	**0.045**		mg/kg dry	1	0.00021	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00023	U	mg/kg dry	1	0.00023	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00030	U	mg/kg dry	1	0.00030	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00021	U	mg/kg dry	1	0.00021	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00024	U	mg/kg dry	1	0.00024	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
2-Butanone [78-93-3] ^	**0.085**		mg/kg dry	1	0.00082	0.0052	1C17020	EPA 8260B	03/17/11 20:09	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00051	U	mg/kg dry	1	0.00051	0.0052	1C17020	EPA 8260B	03/17/11 20:09	JKG	
2-Chlorotoluene [95-49-8] ^	0.00019	U	mg/kg dry	1	0.00019	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
2-Hexanone [591-78-6] ^	**0.014**		mg/kg dry	1	0.00079	0.0052	1C17020	EPA 8260B	03/17/11 20:09	JKG	
4-Chlorotoluene [106-43-4] ^	0.00027	U	mg/kg dry	1	0.00027	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
4-Isopropyltoluene [99-87-6] ^	**0.013**		mg/kg dry	1	0.00017	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00060	U	mg/kg dry	1	0.00060	0.0052	1C17020	EPA 8260B	03/17/11 20:09	JKG	
Acetone [67-64-1] ^	**0.26**		mg/kg dry	1	0.0013	0.0052	1C17020	EPA 8260B	03/17/11 20:09	JKG	
Benzene [71-43-2] ^	0.00018	U	mg/kg dry	1	0.00018	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
Bromobenzene [108-86-1] ^	0.00023	U	mg/kg dry	1	0.00023	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
Bromochloromethane [74-97-5] ^	0.00043	U	mg/kg dry	1	0.00043	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
Bromodichloromethane [75-27-4] ^	0.00025	U	mg/kg dry	1	0.00025	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
Bromoform [75-25-2] ^	0.00047	U	mg/kg dry	1	0.00047	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
Bromomethane [74-83-9] ^	0.00024	U	mg/kg dry	1	0.00024	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
Carbon disulfide [75-15-0] ^	**0.0014**	J	mg/kg dry	1	0.00041	0.0052	1C17020	EPA 8260B	03/17/11 20:09	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00023	U	mg/kg dry	1	0.00023	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
Chlorobenzene [108-90-7] ^	0.00018	U	mg/kg dry	1	0.00018	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
Chloroethane [75-00-3] ^	0.00026	U	mg/kg dry	1	0.00026	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
Chloroform [67-66-3] ^	0.00018	U	mg/kg dry	1	0.00018	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
Chloromethane [74-87-3] ^	0.00016	U	mg/kg dry	1	0.00016	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00024	U	mg/kg dry	1	0.00024	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00014	U	mg/kg dry	1	0.00014	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
Dibromochloromethane [124-48-1] ^	0.00037	U	mg/kg dry	1	0.00037	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
Dibromomethane [74-95-3] ^	0.00033	U	mg/kg dry	1	0.00033	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00047	U	mg/kg dry	1	0.00047	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
Ethylbenzene [100-41-4] ^	**0.0039**		mg/kg dry	1	0.00021	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00037	U	mg/kg dry	1	0.00037	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
Isopropylbenzene [98-82-8] ^	**0.0028**		mg/kg dry	1	0.00016	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	**0.012**		mg/kg dry	1	0.00039	0.0021	1C17020	EPA 8260B	03/17/11 20:09	JKG	
Methylene Chloride [75-09-2] ^	**0.00087**	J	mg/kg dry	1	0.00059	0.0021	1C17020	EPA 8260B	03/17/11 20:09	JKG	

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Description: SP-8 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-02
Sampled: 03/08/11 12:35
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 83.4

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00031	U	mg/kg dry	1	0.00031	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
Naphthalene [91-20-3] ^	**0.011**		mg/kg dry	1	0.00025	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
n-Butyl Benzene [104-51-8] ^	**0.013**		mg/kg dry	1	0.00023	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
n-Propyl Benzene [103-65-1] ^	**0.0049**		mg/kg dry	1	0.00019	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
o-Xylene [95-47-6] ^	**0.010**		mg/kg dry	1	0.00023	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
sec-Butylbenzene [135-98-8] ^	**0.011**		mg/kg dry	1	0.00023	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
Styrene [100-42-5] ^	0.00018	U	mg/kg dry	1	0.00018	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
tert-Butylbenzene [98-06-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
Tetrachloroethene [127-18-4] ^	0.00029	U	mg/kg dry	1	0.00029	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
Toluene [108-88-3] ^	**0.0097**		mg/kg dry	1	0.00021	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00039	U	mg/kg dry	1	0.00039	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00041	U	mg/kg dry	1	0.00041	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
Trichloroethene [79-01-6] ^	0.00028	U	mg/kg dry	1	0.00028	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00027	U	mg/kg dry	1	0.00027	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
Vinyl chloride [75-01-4] ^	0.00025	U	mg/kg dry	1	0.00025	0.0010	1C17020	EPA 8260B	03/17/11 20:09	JKG	
Xylenes (Total) [1330-20-7] ^	**0.023**		mg/kg dry	1	0.00059	0.0031	1C17020	EPA 8260B	03/17/11 20:09	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*35*	*1*	*50.0*	*70 %*	*61-118*	*1C17020*	*EPA 8260B*	*03/17/11 20:09*	*JKG*	
Dibromofluoromethane	*45*	*1*	*50.0*	*89 %*	*66-114*	*1C17020*	*EPA 8260B*	*03/17/11 20:09*	*JKG*	
Toluene-d8	*40*	*1*	*50.0*	*81 %*	*63-118*	*1C17020*	*EPA 8260B*	*03/17/11 20:09*	*JKG*	

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Description: SP-8 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-02
Sampled: 03/08/11 12:35
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 83.4

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	1.6	UD	mg/kg dry	10	1.6	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
1,2-Dichlorobenzene [95-50-1] ^	1.4	UD	mg/kg dry	10	1.4	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
1,3-Dichlorobenzene [541-73-1] ^	1.2	UD	mg/kg dry	10	1.2	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
1,4-Dichlorobenzene [106-46-7] ^	1.3	UD	mg/kg dry	10	1.3	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
1-Methylnaphthalene [90-12-0] ^	1.6	UD	mg/kg dry	10	1.6	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
2,4,5-Trichlorophenol [95-95-4] ^	1.6	UD	mg/kg dry	10	1.6	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
2,4,6-Trichlorophenol [88-06-2] ^	1.6	UD	mg/kg dry	10	1.6	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
2,4-Dichlorophenol [120-83-2] ^	1.4	UD	mg/kg dry	10	1.4	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
2,4-Dimethylphenol [105-67-9] ^	2.6	UD	mg/kg dry	10	2.6	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
2,4-Dinitrophenol [51-28-5] ^	2.6	UD	mg/kg dry	10	2.6	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
2,4-Dinitrotoluene [121-14-2] ^	1.7	UD	mg/kg dry	10	1.7	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
2,6-Dinitrotoluene [606-20-2] ^	1.9	UD	mg/kg dry	10	1.9	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
2-Chloronaphthalene [91-58-7] ^	1.7	UD	mg/kg dry	10	1.7	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
2-Chlorophenol [95-57-8] ^	1.5	UD	mg/kg dry	10	1.5	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
2-Methyl-4,6-dinitrophenol [534-52-1] ^	2.0	UD	mg/kg dry	10	2.0	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	QV-01, R-05
2-Methylnaphthalene [91-57-6] ^	1.7	UD	mg/kg dry	10	1.7	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
2-Methylphenol [95-48-7] ^	1.5	UD	mg/kg dry	10	1.5	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
2-Nitroaniline [88-74-4] ^	1.8	UD	mg/kg dry	10	1.8	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
2-Nitrophenol [88-75-5] ^	1.9	UD	mg/kg dry	10	1.9	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
3 & 4-Methylphenol [108-39-4/106-44-5] ^	1.6	UD	mg/kg dry	10	1.6	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
3,3'-Dichlorobenzidine [91-94-1] ^	5.9	UD	mg/kg dry	10	5.9	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
3-Nitroaniline [99-09-2] ^	2.2	UD	mg/kg dry	10	2.2	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
4-Bromophenyl-phenylether [101-55-3] ^	1.6	UD	mg/kg dry	10	1.6	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
4-Chloro-3-methylphenol [59-50-7] ^	2.0	UD	mg/kg dry	10	2.0	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
4-Chloroaniline [106-47-8] ^	5.6	UD	mg/kg dry	10	5.6	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
4-Chlorophenyl-phenylether [7005-72-3] ^	1.6	UD	mg/kg dry	10	1.6	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
4-Nitroaniline [100-01-6] ^	3.2	UD	mg/kg dry	10	3.2	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
4-Nitrophenol [100-02-7]	1.9	UD	mg/kg dry	10	1.9	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
Acenaphthene [83-32-9] ^	1.7	UD	mg/kg dry	10	1.7	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
Acenaphthylene [208-96-8] ^	1.7	UD	mg/kg dry	10	1.7	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
Anthracene [120-12-7] ^	2.3	UD	mg/kg dry	10	2.3	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
Benzidine [92-87-5] ^	6.6	UD	mg/kg dry	10	6.6	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
Benzo(a)anthracene [56-55-3] ^	1.7	UD	mg/kg dry	10	1.7	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
Benzo(a)pyrene [50-32-8] ^	2.0	UD	mg/kg dry	10	2.0	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
Benzo(b)fluoranthene [205-99-2] ^	1.1	UD	mg/kg dry	10	1.1	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
Benzo(g,h,i)perylene [191-24-2] ^	2.8	UD	mg/kg dry	10	2.8	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
Benzo(k)fluoranthene [207-08-9] ^	2.0	UD	mg/kg dry	10	2.0	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
Benzoic acid [65-85-0] ^	9.0	UD	mg/kg dry	10	9.0	100	1C18035	EPA 8270D	03/24/11 02:05	DFM	QV-01, R-05
Benzyl alcohol [100-51-6] ^	1.4	UD	mg/kg dry	10	1.4	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
Bis(2-chloroethoxy)methane [111-91-1] ^	1.5	UD	mg/kg dry	10	1.5	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
Bis(2-chloroethyl)ether [111-44-4] ^	2.6	UD	mg/kg dry	10	2.6	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
Bis(2-chloroisopropyl)ether [108-60-1] ^	1.4	UD	mg/kg dry	10	1.4	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
Bis(2-ethylhexyl)phthalate [117-81-7] ^	2.1	UD	mg/kg dry	10	2.1	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
Butylbenzylphthalate [85-68-7] ^	2.4	UD	mg/kg dry	10	2.4	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
Chrysene [218-01-9] ^	1.8	UD	mg/kg dry	10	1.8	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
Dibenzo(a,h)anthracene [53-70-3] ^	3.1	UD	mg/kg dry	10	3.1	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
Dibenzofuran [132-64-9] ^	1.6	UD	mg/kg dry	10	1.6	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
Diethylphthalate [84-66-2] ^	1.7	UD	mg/kg dry	10	1.7	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
Dimethylphthalate [131-11-3] ^	2.0	UD	mg/kg dry	10	2.0	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
Di-n-butylphthalate [84-74-2] ^	2.5	UD	mg/kg dry	10	2.5	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05

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Description: SP-8 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-02
Sampled: 03/08/11 12:35
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 83.4

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Di-n-octylphthalate [117-84-0] ^	2.0	UD	mg/kg dry	10	2.0	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
Fluoranthene [206-44-0] ^	2.2	UD	mg/kg dry	10	2.2	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
Fluorene [86-73-7] ^	1.7	UD	mg/kg dry	10	1.7	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
Hexachlorobenzene [118-74-1] ^	1.6	UD	mg/kg dry	10	1.6	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
Hexachlorobutadiene [87-68-3] ^	1.6	UD	mg/kg dry	10	1.6	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
Hexachlorocyclopentadiene [77-47-4] ^	2.3	UD	mg/kg dry	10	2.3	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	QV-01, R-05
Hexachloroethane [67-72-1] ^	1.3	UD	mg/kg dry	10	1.3	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
Indeno(1,2,3-cd)pyrene [193-39-5] ^	2.8	UD	mg/kg dry	10	2.8	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
Isophorone [78-59-1] ^	1.8	UD	mg/kg dry	10	1.8	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
Naphthalene [91-20-3] ^	1.7	UD	mg/kg dry	10	1.7	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
Nitrobenzene [98-95-3] ^	1.6	UD	mg/kg dry	10	1.6	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
N-Nitrosodimethylamine [62-75-9] ^	1.3	UD	mg/kg dry	10	1.3	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
N-Nitroso-di-n-propylamine [621-64-7] ^	4.9	UD	mg/kg dry	10	4.9	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	3.2	UD	mg/kg dry	10	3.2	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
Pentachlorophenol [87-86-5]	2.0	UD	mg/kg dry	10	2.0	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	QV-01, R-05
Phenanthrene [85-01-8] ^	1.6	UD	mg/kg dry	10	1.6	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
Phenol [108-95-2] ^	1.3	UD	mg/kg dry	10	1.3	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
Pyrene [129-00-0] ^	2.3	UD	mg/kg dry	10	2.3	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05
Pyridine [110-86-1] ^	4.9	UD	mg/kg dry	10	4.9	20	1C18035	EPA 8270D	03/24/11 02:05	DFM	R-05

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*3.0*	*10*	*4.00*	*74 %*	*28-130*	*1C18035*	*EPA 8270D*	*03/24/11 02:05*	*DFM*	*R-05*
2-Fluorobiphenyl	*1.9*	*10*	*2.00*	*93 %*	*56-120*	*1C18035*	*EPA 8270D*	*03/24/11 02:05*	*DFM*	*R-05*
2-Fluorophenol	*0.92*	*10*	*4.00*	*23 %*	*49-126*	*1C18035*	*EPA 8270D*	*03/24/11 02:05*	*DFM*	*R-05*
Nitrobenzene-d5	*1.1*	*10*	*2.00*	*53 %*	*50-117*	*1C18035*	*EPA 8270D*	*03/24/11 02:05*	*DFM*	*R-05*
Phenol-d5	*1.9*	*10*	*4.00*	*47 %*	*56-120*	*1C18035*	*EPA 8270D*	*03/24/11 02:05*	*DFM*	*R-05*
Terphenyl-d14	*1.8*	*10*	*2.00*	*89 %*	*36-151*	*1C18035*	*EPA 8270D*	*03/24/11 02:05*	*DFM*	*R-05*

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Description: SP-8 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-02
Sampled: 03/08/11 12:35
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 83.4

Organochlorine Pesticides by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8] ^	0.00038	U	mg/kg dry	1	0.00038	0.0020	1C10023	EPA 8081B	03/11/11 16:00	MSZ	
4,4'-DDE [72-55-9] ^	0.00049	U	mg/kg dry	1	0.00049	0.0020	1C10023	EPA 8081B	03/11/11 16:00	MSZ	
4,4'-DDT [50-29-3] ^	0.00062	U	mg/kg dry	1	0.00062	0.0020	1C10023	EPA 8081B	03/11/11 16:00	MSZ	
Aldrin [309-00-2] ^	0.00043	U	mg/kg dry	1	0.00043	0.0020	1C10023	EPA 8081B	03/11/11 16:00	MSZ	
alpha-BHC [319-84-6] ^	0.00059	U	mg/kg dry	1	0.00059	0.0020	1C10023	EPA 8081B	03/11/11 16:00	MSZ	
beta-BHC [319-85-7] ^	0.00085	U	mg/kg dry	1	0.00085	0.0020	1C10023	EPA 8081B	03/11/11 16:00	MSZ	
Chlordane (tech) [12789-03-6] ^	0.0013	U	mg/kg dry	1	0.0013	0.040	1C10023	EPA 8081B	03/11/11 16:00	MSZ	
Chlordane-alpha [5103-71-9] ^	0.00055	U	mg/kg dry	1	0.00055	0.0020	1C10023	EPA 8081B	03/11/11 16:00	MSZ	
Chlordane-gamma [5566-34-7] ^	0.00072	U	mg/kg dry	1	0.00072	0.0020	1C10023	EPA 8081B	03/11/11 16:00	MSZ	
delta-BHC [319-86-8] ^	0.00036	U	mg/kg dry	1	0.00036	0.0020	1C10023	EPA 8081B	03/11/11 16:00	MSZ	
Dieldrin [60-57-1] ^	0.00038	U	mg/kg dry	1	0.00038	0.0020	1C10023	EPA 8081B	03/11/11 16:00	MSZ	
Endosulfan I [959-98-8] ^	0.00049	U	mg/kg dry	1	0.00049	0.0020	1C10023	EPA 8081B	03/11/11 16:00	MSZ	
Endosulfan II [33213-65-9] ^	0.00047	U	mg/kg dry	1	0.00047	0.0020	1C10023	EPA 8081B	03/11/11 16:00	MSZ	
Endosulfan sulfate [1031-07-8] ^	0.00058	U	mg/kg dry	1	0.00058	0.0020	1C10023	EPA 8081B	03/11/11 16:00	MSZ	
Endrin [72-20-8] ^	0.00047	U	mg/kg dry	1	0.00047	0.0020	1C10023	EPA 8081B	03/11/11 16:00	MSZ	
Endrin aldehyde [7421-93-4] ^	0.00041	U	mg/kg dry	1	0.00041	0.0020	1C10023	EPA 8081B	03/11/11 16:00	MSZ	
Endrin ketone [53494-70-5] ^	0.00036	U	mg/kg dry	1	0.00036	0.0020	1C10023	EPA 8081B	03/11/11 16:00	MSZ	
gamma-BHC [58-89-9] ^	0.00050	U	mg/kg dry	1	0.00050	0.0020	1C10023	EPA 8081B	03/11/11 16:00	MSZ	
Heptachlor [76-44-8] ^	0.00055	U	mg/kg dry	1	0.00055	0.0020	1C10023	EPA 8081B	03/11/11 16:00	MSZ	
Heptachlor epoxide [1024-57-3] ^	0.00052	U	mg/kg dry	1	0.00052	0.0020	1C10023	EPA 8081B	03/11/11 16:00	MSZ	
Isodrin [465-73-6] ^	0.00043	U	mg/kg dry	1	0.00043	0.0020	1C10023	EPA 8081B	03/11/11 16:00	MSZ	
Methoxychlor [72-43-5] ^	0.00050	U	mg/kg dry	1	0.00050	0.0020	1C10023	EPA 8081B	03/11/11 16:00	MSZ	
Mirex [2385-85-5] ^	0.00067	U	mg/kg dry	1	0.00067	0.0020	1C10023	EPA 8081B	03/11/11 16:00	MSZ	
Toxaphene [8001-35-2] ^	0.012	U	mg/kg dry	1	0.012	0.020	1C10023	EPA 8081B	03/11/11 16:00	MSZ	

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Description: SP-8 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-02
Sampled: 03/08/11 12:35
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 83.4

Polychlorinated Biphenyls by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
PCB-1016/1242 [12674-11-2/53469-21-9] ^	0.0091	U	mg/kg dry	1	0.0091	0.020	1C10024	EPA 8082A	03/11/11 16:00	MSZ	
PCB-1221 [11104-28-2] ^	0.0062	U	mg/kg dry	1	0.0062	0.020	1C10024	EPA 8082A	03/11/11 16:00	MSZ	
PCB-1232 [11141-16-5] ^	0.0062	U	mg/kg dry	1	0.0062	0.020	1C10024	EPA 8082A	03/11/11 16:00	MSZ	
PCB-1248 [12672-29-6] ^	0.0062	U	mg/kg dry	1	0.0062	0.020	1C10024	EPA 8082A	03/11/11 16:00	MSZ	
PCB-1254 [11097-69-1] ^	0.0062	U	mg/kg dry	1	0.0062	0.020	1C10024	EPA 8082A	03/11/11 16:00	MSZ	
PCB-1260 [11096-82-5] ^	0.0049	U	mg/kg dry	1	0.0049	0.020	1C10024	EPA 8082A	03/11/11 16:00	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,5,6-TCMX	*0.040*	*1*	*0.0400*	*100 %*	*44-168*	*1C10024*	*EPA 8082A*	*03/11/11 16:00*	*MSZ*	
Decachlorobiphenyl	*0.036*	*1*	*0.0400*	*90 %*	*51-154*	*1C10024*	*EPA 8082A*	*03/11/11 16:00*	*MSZ*	

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Description: SP-8 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-02
Sampled: 03/08/11 12:35
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 83.4

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	**3.88**	B	mg/kg dry	1	0.120	0.599	1C12003	EPA 6010C	03/16/11 13:09	JDH	QB-01
Lead [7439-92-1] ^	**148**		mg/kg dry	1	0.144	0.599	1C12003	EPA 6010C	03/16/11 13:09	JDH	

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Description: SP-8 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-02
Sampled: 03/08/11 12:35
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 83.4

Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM) [C-0007] ^	34400		mg/kg dry	1	59.9	59.9	1C17007	EPA 9071B	03/22/11 11:48	MJF	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SP-8 ESW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-03
Sampled: 03/08/11 12:35
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 85.0

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00021	U	mg/kg dry	1	0.00021	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00032	U	mg/kg dry	1	0.00032	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00034	U	mg/kg dry	1	0.00034	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00022	U	mg/kg dry	1	0.00022	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00036	U	mg/kg dry	1	0.00036	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00028	U	mg/kg dry	1	0.00028	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	**0.010**		mg/kg dry	1	0.00018	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00083	U	mg/kg dry	1	0.00083	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00048	U	mg/kg dry	1	0.00048	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00028	U	mg/kg dry	1	0.00028	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00040	U	mg/kg dry	1	0.00040	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00027	U	mg/kg dry	1	0.00027	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	**0.0044**		mg/kg dry	1	0.00021	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00023	U	mg/kg dry	1	0.00023	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00030	U	mg/kg dry	1	0.00030	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00021	U	mg/kg dry	1	0.00021	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
2-Butanone [78-93-3] ^	**0.016**		mg/kg dry	1	0.00082	0.0053	1C17020	EPA 8260B	03/17/11 20:38	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00051	U	mg/kg dry	1	0.00051	0.0053	1C17020	EPA 8260B	03/17/11 20:38	JKG	
2-Chlorotoluene [95-49-8] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
2-Hexanone [591-78-6] ^	0.00079	U	mg/kg dry	1	0.00079	0.0053	1C17020	EPA 8260B	03/17/11 20:38	JKG	
4-Chlorotoluene [106-43-4] ^	0.00027	U	mg/kg dry	1	0.00027	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
4-Isopropyltoluene [99-87-6] ^	**0.024**		mg/kg dry	1	0.00017	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00060	U	mg/kg dry	1	0.00060	0.0053	1C17020	EPA 8260B	03/17/11 20:38	JKG	
Acetone [67-64-1] ^	**0.079**		mg/kg dry	1	0.0013	0.0053	1C17020	EPA 8260B	03/17/11 20:38	JKG	
Benzene [71-43-2] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
Bromobenzene [108-86-1] ^	0.00023	U	mg/kg dry	1	0.00023	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
Bromochloromethane [74-97-5] ^	0.00043	U	mg/kg dry	1	0.00043	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
Bromodichloromethane [75-27-4] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
Bromoform [75-25-2] ^	0.00047	U	mg/kg dry	1	0.00047	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
Bromomethane [74-83-9] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
Carbon disulfide [75-15-0] ^	**0.00046**	J	mg/kg dry	1	0.00041	0.0053	1C17020	EPA 8260B	03/17/11 20:38	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00023	U	mg/kg dry	1	0.00023	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
Chlorobenzene [108-90-7] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
Chloroethane [75-00-3] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
Chloroform [67-66-3] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
Chloromethane [74-87-3] ^	0.00016	U	mg/kg dry	1	0.00016	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00014	U	mg/kg dry	1	0.00014	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
Dibromochloromethane [124-48-1] ^	0.00037	U	mg/kg dry	1	0.00037	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
Dibromomethane [74-95-3] ^	0.00033	U	mg/kg dry	1	0.00033	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00047	U	mg/kg dry	1	0.00047	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
Ethylbenzene [100-41-4] ^	**0.00062**	J	mg/kg dry	1	0.00021	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00037	U	mg/kg dry	1	0.00037	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
Isopropylbenzene [98-82-8] ^	**0.00043**	J	mg/kg dry	1	0.00016	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	**0.0017**	J	mg/kg dry	1	0.00039	0.0021	1C17020	EPA 8260B	03/17/11 20:38	JKG	
Methylene Chloride [75-09-2] ^	0.00059	U	mg/kg dry	1	0.00059	0.0021	1C17020	EPA 8260B	03/17/11 20:38	JKG	

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Description: SP-8 ESW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-03
Sampled: 03/08/11 12:35
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 85.0

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00032	U	mg/kg dry	1	0.00032	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
Naphthalene [91-20-3] ^	**0.0065**		mg/kg dry	1	0.00025	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
n-Butyl Benzene [104-51-8] ^	**0.0024**		mg/kg dry	1	0.00023	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
n-Propyl Benzene [103-65-1] ^	**0.00085**	J	mg/kg dry	1	0.00019	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
o-Xylene [95-47-6] ^	**0.0014**		mg/kg dry	1	0.00023	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
sec-Butylbenzene [135-98-8] ^	**0.0013**		mg/kg dry	1	0.00023	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
Styrene [100-42-5] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
tert-Butylbenzene [98-06-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
Tetrachloroethene [127-18-4] ^	0.00029	U	mg/kg dry	1	0.00029	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
Toluene [108-88-3] ^	**0.00080**	J	mg/kg dry	1	0.00021	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00039	U	mg/kg dry	1	0.00039	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00041	U	mg/kg dry	1	0.00041	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
Trichloroethene [79-01-6] ^	0.00028	U	mg/kg dry	1	0.00028	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00027	U	mg/kg dry	1	0.00027	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
Vinyl chloride [75-01-4] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	1C17020	EPA 8260B	03/17/11 20:38	JKG	
Xylenes (Total) [1330-20-7] ^	**0.0031**	J	mg/kg dry	1	0.00059	0.0032	1C17020	EPA 8260B	03/17/11 20:38	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*46*	*1*	*50.0*	*91 %*	*61-118*	*1C17020*	*EPA 8260B*	*03/17/11 20:38*	*JKG*	
Dibromofluoromethane	*44*	*1*	*50.0*	*87 %*	*66-114*	*1C17020*	*EPA 8260B*	*03/17/11 20:38*	*JKG*	
Toluene-d8	*44*	*1*	*50.0*	*88 %*	*63-118*	*1C17020*	*EPA 8260B*	*03/17/11 20:38*	*JKG*	

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Description: SP-8 ESW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-03
Sampled: 03/08/11 12:35
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 85.0

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	1.5	UD	mg/kg dry	10	1.5	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
1,2-Dichlorobenzene [95-50-1] ^	1.4	UD	mg/kg dry	10	1.4	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
1,3-Dichlorobenzene [541-73-1] ^	1.2	UD	mg/kg dry	10	1.2	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
1,4-Dichlorobenzene [106-46-7] ^	1.2	UD	mg/kg dry	10	1.2	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
1-Methylnaphthalene [90-12-0] ^	1.6	UD	mg/kg dry	10	1.6	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
2,4,5-Trichlorophenol [95-95-4] ^	1.6	UD	mg/kg dry	10	1.6	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
2,4,6-Trichlorophenol [88-06-2] ^	1.6	UD	mg/kg dry	10	1.6	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
2,4-Dichlorophenol [120-83-2] ^	1.4	UD	mg/kg dry	10	1.4	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
2,4-Dimethylphenol [105-67-9] ^	2.5	UD	mg/kg dry	10	2.5	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
2,4-Dinitrophenol [51-28-5] ^	2.5	UD	mg/kg dry	10	2.5	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
2,4-Dinitrotoluene [121-14-2] ^	1.6	UD	mg/kg dry	10	1.6	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
2,6-Dinitrotoluene [606-20-2] ^	1.8	UD	mg/kg dry	10	1.8	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
2-Chloronaphthalene [91-58-7] ^	1.6	UD	mg/kg dry	10	1.6	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
2-Chlorophenol [95-57-8] ^	1.5	UD	mg/kg dry	10	1.5	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
2-Methyl-4,6-dinitrophenol [534-52-1] ^	1.9	UD	mg/kg dry	10	1.9	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	QV-01, R-05
2-Methylnaphthalene [91-57-6] ^	1.6	UD	mg/kg dry	10	1.6	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
2-Methylphenol [95-48-7] ^	1.5	UD	mg/kg dry	10	1.5	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
2-Nitroaniline [88-74-4] ^	1.8	UD	mg/kg dry	10	1.8	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
2-Nitrophenol [88-75-5] ^	1.8	UD	mg/kg dry	10	1.8	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
3 & 4-Methylphenol [108-39-4/106-44-5] ^	1.5	UD	mg/kg dry	10	1.5	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
3,3'-Dichlorobenzidine [91-94-1] ^	5.8	UD	mg/kg dry	10	5.8	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
3-Nitroaniline [99-09-2] ^	2.1	UD	mg/kg dry	10	2.1	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
4-Bromophenyl-phenylether [101-55-3] ^	1.6	UD	mg/kg dry	10	1.6	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
4-Chloro-3-methylphenol [59-50-7] ^	1.9	UD	mg/kg dry	10	1.9	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
4-Chloroaniline [106-47-8] ^	5.5	UD	mg/kg dry	10	5.5	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
4-Chlorophenyl-phenylether [7005-72-3] ^	1.5	UD	mg/kg dry	10	1.5	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
4-Nitroaniline [100-01-6] ^	3.1	UD	mg/kg dry	10	3.1	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
4-Nitrophenol [100-02-7]	1.8	UD	mg/kg dry	10	1.8	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
Acenaphthene [83-32-9] ^	1.6	UD	mg/kg dry	10	1.6	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
Acenaphthylene [208-96-8] ^	1.6	UD	mg/kg dry	10	1.6	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
Anthracene [120-12-7] ^	2.2	UD	mg/kg dry	10	2.2	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
Benzidine [92-87-5] ^	6.5	UD	mg/kg dry	10	6.5	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
Benzo(a)anthracene [56-55-3] ^	1.6	UD	mg/kg dry	10	1.6	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
Benzo(a)pyrene [50-32-8] ^	1.9	UD	mg/kg dry	10	1.9	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
Benzo(b)fluoranthene [205-99-2] ^	1.1	UD	mg/kg dry	10	1.1	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
Benzo(g,h,i)perylene [191-24-2] ^	2.8	UD	mg/kg dry	10	2.8	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
Benzo(k)fluoranthene [207-08-9] ^	1.9	UD	mg/kg dry	10	1.9	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
Benzoic acid [65-85-0] ^	8.8	UD	mg/kg dry	10	8.8	100	1C18035	EPA 8270D	03/24/11 02:31	DFM	QV-01, R-05
Benzyl alcohol [100-51-6] ^	1.4	UD	mg/kg dry	10	1.4	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
Bis(2-chloroethoxy)methane [111-91-1] ^	1.5	UD	mg/kg dry	10	1.5	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
Bis(2-chloroethyl)ether [111-44-4] ^	2.5	UD	mg/kg dry	10	2.5	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
Bis(2-chloroisopropyl)ether [108-60-1] ^	1.4	UD	mg/kg dry	10	1.4	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
Bis(2-ethylhexyl)phthalate [117-81-7] ^	2.1	UD	mg/kg dry	10	2.1	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
Butylbenzylphthalate [85-68-7] ^	2.4	UD	mg/kg dry	10	2.4	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
Chrysene [218-01-9] ^	1.8	UD	mg/kg dry	10	1.8	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
Dibenzo(a,h)anthracene [53-70-3] ^	3.0	UD	mg/kg dry	10	3.0	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
Dibenzofuran [132-64-9] ^	1.6	UD	mg/kg dry	10	1.6	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
Diethylphthalate [84-66-2] ^	1.6	UD	mg/kg dry	10	1.6	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
Dimethylphthalate [131-11-3] ^	1.9	UD	mg/kg dry	10	1.9	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
Di-n-butylphthalate [84-74-2] ^	2.4	UD	mg/kg dry	10	2.4	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05

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Description: SP-8 ESW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-03
Sampled: 03/08/11 12:35
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 85.0

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Di-n-octylphthalate [117-84-0] ^	1.9	UD	mg/kg dry	10	1.9	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
Fluoranthene [206-44-0] ^	2.1	UD	mg/kg dry	10	2.1	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
Fluorene [86-73-7] ^	1.7	UD	mg/kg dry	10	1.7	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
Hexachlorobenzene [118-74-1] ^	1.5	UD	mg/kg dry	10	1.5	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
Hexachlorobutadiene [87-68-3] ^	1.5	UD	mg/kg dry	10	1.5	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
Hexachlorocyclopentadiene [77-47-4] ^	2.3	UD	mg/kg dry	10	2.3	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	QV-01, R-05
Hexachloroethane [67-72-1] ^	1.2	UD	mg/kg dry	10	1.2	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
Indeno(1,2,3-cd)pyrene [193-39-5] ^	2.8	UD	mg/kg dry	10	2.8	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
Isophorone [78-59-1] ^	1.8	UD	mg/kg dry	10	1.8	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
Naphthalene [91-20-3] ^	1.6	UD	mg/kg dry	10	1.6	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
Nitrobenzene [98-95-3] ^	1.5	UD	mg/kg dry	10	1.5	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
N-Nitrosodimethylamine [62-75-9] ^	1.2	UD	mg/kg dry	10	1.2	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
N-Nitroso-di-n-propylamine [621-64-7] ^	4.8	UD	mg/kg dry	10	4.8	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	3.2	UD	mg/kg dry	10	3.2	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
Pentachlorophenol [87-86-5]	1.9	UD	mg/kg dry	10	1.9	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	QV-01, R-05
Phenanthrene [85-01-8] ^	1.6	UD	mg/kg dry	10	1.6	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
Phenol [108-95-2] ^	1.3	UD	mg/kg dry	10	1.3	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
Pyrene [129-00-0] ^	2.2	UD	mg/kg dry	10	2.2	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05
Pyridine [110-86-1] ^	4.8	UD	mg/kg dry	10	4.8	19	1C18035	EPA 8270D	03/24/11 02:31	DFM	R-05

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*2.7*	*10*	*3.92*	*68 %*	*28-130*	*1C18035*	*EPA 8270D*	*03/24/11 02:31*	*DFM*	*R-05*
2-Fluorobiphenyl	*1.7*	*10*	*1.96*	*87 %*	*56-120*	*1C18035*	*EPA 8270D*	*03/24/11 02:31*	*DFM*	*R-05*
2-Fluorophenol	*1.8*	*10*	*3.92*	*46 %*	*49-126*	*1C18035*	*EPA 8270D*	*03/24/11 02:31*	*DFM*	*R-05*
Nitrobenzene-d5	*1.2*	*10*	*1.96*	*63 %*	*50-117*	*1C18035*	*EPA 8270D*	*03/24/11 02:31*	*DFM*	*R-05*
Phenol-d5	*2.5*	*10*	*3.92*	*64 %*	*56-120*	*1C18035*	*EPA 8270D*	*03/24/11 02:31*	*DFM*	*R-05*
Terphenyl-d14	*1.8*	*10*	*1.96*	*94 %*	*36-151*	*1C18035*	*EPA 8270D*	*03/24/11 02:31*	*DFM*	*R-05*

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Description: SP-8 ESW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-03
Sampled: 03/08/11 12:35
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 85.0

Organochlorine Pesticides by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8] ^	0.00038	U	mg/kg dry	1	0.00038	0.0020	1C10023	EPA 8081B	03/11/11 16:13	MSZ	
4,4'-DDE [72-55-9] ^	0.00048	U	mg/kg dry	1	0.00048	0.0020	1C10023	EPA 8081B	03/11/11 16:13	MSZ	
4,4'-DDT [50-29-3] ^	0.00061	U	mg/kg dry	1	0.00061	0.0020	1C10023	EPA 8081B	03/11/11 16:13	MSZ	
Aldrin [309-00-2] ^	0.00042	U	mg/kg dry	1	0.00042	0.0020	1C10023	EPA 8081B	03/11/11 16:13	MSZ	
alpha-BHC [319-84-6] ^	0.00058	U	mg/kg dry	1	0.00058	0.0020	1C10023	EPA 8081B	03/11/11 16:13	MSZ	
beta-BHC [319-85-7] ^	0.00084	U	mg/kg dry	1	0.00084	0.0020	1C10023	EPA 8081B	03/11/11 16:13	MSZ	
Chlordane (tech) [12789-03-6] ^	0.0013	U	mg/kg dry	1	0.0013	0.039	1C10023	EPA 8081B	03/11/11 16:13	MSZ	
Chlordane-alpha [5103-71-9] ^	0.00054	U	mg/kg dry	1	0.00054	0.0020	1C10023	EPA 8081B	03/11/11 16:13	MSZ	
Chlordane-gamma [5566-34-7] ^	0.00071	U	mg/kg dry	1	0.00071	0.0020	1C10023	EPA 8081B	03/11/11 16:13	MSZ	
delta-BHC [319-86-8] ^	0.00035	U	mg/kg dry	1	0.00035	0.0020	1C10023	EPA 8081B	03/11/11 16:13	MSZ	
Dieldrin [60-57-1] ^	0.00038	U	mg/kg dry	1	0.00038	0.0020	1C10023	EPA 8081B	03/11/11 16:13	MSZ	
Endosulfan I [959-98-8] ^	0.00048	U	mg/kg dry	1	0.00048	0.0020	1C10023	EPA 8081B	03/11/11 16:13	MSZ	
Endosulfan II [33213-65-9] ^	0.00046	U	mg/kg dry	1	0.00046	0.0020	1C10023	EPA 8081B	03/11/11 16:13	MSZ	
Endosulfan sulfate [1031-07-8] ^	0.00056	U	mg/kg dry	1	0.00056	0.0020	1C10023	EPA 8081B	03/11/11 16:13	MSZ	
Endrin [72-20-8] ^	0.00046	U	mg/kg dry	1	0.00046	0.0020	1C10023	EPA 8081B	03/11/11 16:13	MSZ	
Endrin aldehyde [7421-93-4] ^	0.00040	U	mg/kg dry	1	0.00040	0.0020	1C10023	EPA 8081B	03/11/11 16:13	MSZ	
Endrin ketone [53494-70-5] ^	0.00035	U	mg/kg dry	1	0.00035	0.0020	1C10023	EPA 8081B	03/11/11 16:13	MSZ	
gamma-BHC [58-89-9] ^	0.00049	U	mg/kg dry	1	0.00049	0.0020	1C10023	EPA 8081B	03/11/11 16:13	MSZ	
Heptachlor [76-44-8] ^	0.00054	U	mg/kg dry	1	0.00054	0.0020	1C10023	EPA 8081B	03/11/11 16:13	MSZ	
Heptachlor epoxide [1024-57-3] ^	0.00051	U	mg/kg dry	1	0.00051	0.0020	1C10023	EPA 8081B	03/11/11 16:13	MSZ	
Isodrin [465-73-6] ^	0.00042	U	mg/kg dry	1	0.00042	0.0020	1C10023	EPA 8081B	03/11/11 16:13	MSZ	
Methoxychlor [72-43-5] ^	0.00049	U	mg/kg dry	1	0.00049	0.0020	1C10023	EPA 8081B	03/11/11 16:13	MSZ	
Mirex [2385-85-5] ^	0.00066	U	mg/kg dry	1	0.00066	0.0020	1C10023	EPA 8081B	03/11/11 16:13	MSZ	
Toxaphene [8001-35-2] ^	0.012	U	mg/kg dry	1	0.012	0.020	1C10023	EPA 8081B	03/11/11 16:13	MSZ	

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Description: SP-8 ESW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-03
Sampled: 03/08/11 12:35
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 85.0

Polychlorinated Biphenyls by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
PCB-1016/1242 [12674-11-2/53469-21-9] ^	0.0089	U	mg/kg dry	1	0.0089	0.020	1C10024	EPA 8082A	03/11/11 16:13	MSZ	
PCB-1221 [11104-28-2] ^	0.0061	U	mg/kg dry	1	0.0061	0.020	1C10024	EPA 8082A	03/11/11 16:13	MSZ	
PCB-1232 [11141-16-5] ^	0.0061	U	mg/kg dry	1	0.0061	0.020	1C10024	EPA 8082A	03/11/11 16:13	MSZ	
PCB-1248 [12672-29-6] ^	0.0061	U	mg/kg dry	1	0.0061	0.020	1C10024	EPA 8082A	03/11/11 16:13	MSZ	
PCB-1254 [11097-69-1] ^	0.0061	U	mg/kg dry	1	0.0061	0.020	1C10024	EPA 8082A	03/11/11 16:13	MSZ	
PCB-1260 [11096-82-5] ^	0.0048	U	mg/kg dry	1	0.0048	0.020	1C10024	EPA 8082A	03/11/11 16:13	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,5,6-TCMX	*0.043*	*1*	*0.0392*	*110 %*	*44-168*	*1C10024*	*EPA 8082A*	*03/11/11 16:13*	*MSZ*	
Decachlorobiphenyl	*0.039*	*1*	*0.0392*	*100 %*	*51-154*	*1C10024*	*EPA 8082A*	*03/11/11 16:13*	*MSZ*	

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Description: SP-8 ESW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-03
Sampled: 03/08/11 12:35
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 85.0

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	**11.7**		mg/kg dry	1	0.118	0.588	1C10015	EPA 6010C	03/11/11 11:25	JDH	
Lead [7439-92-1] ^	**60.3**		mg/kg dry	1	0.141	0.588	1C10015	EPA 6010C	03/11/11 11:25	JDH	

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Description: SP-8 ESW	**Lab Sample ID:** C102841-03	**Received:** 03/09/11 12:50
Matrix: Soil	**Sampled:** 03/08/11 12:35	**Work Order:** C102841
Project: Point Harbour Site	**Sampled By:** Michael Sabodish	**% Solids:** 85.0

Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM) [C-0007] ^	16300		mg/kg dry	1	58.8	58.8	1C17007	EPA 9071B	03/22/11 11:48	MJF	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SP-8 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-04
Sampled: 03/08/11 12:35
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 82.8

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00021	U	mg/kg dry	1	0.00021	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00032	U	mg/kg dry	1	0.00032	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00034	U	mg/kg dry	1	0.00034	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00022	U	mg/kg dry	1	0.00022	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00036	U	mg/kg dry	1	0.00036	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00028	U	mg/kg dry	1	0.00028	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	**0.0064**		mg/kg dry	1	0.00018	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00083	U	mg/kg dry	1	0.00083	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00048	U	mg/kg dry	1	0.00048	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00028	U	mg/kg dry	1	0.00028	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00040	U	mg/kg dry	1	0.00040	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00027	U	mg/kg dry	1	0.00027	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	**0.0032**		mg/kg dry	1	0.00021	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00023	U	mg/kg dry	1	0.00023	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00031	U	mg/kg dry	1	0.00031	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00021	U	mg/kg dry	1	0.00021	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
2-Butanone [78-93-3] ^	**0.011**		mg/kg dry	1	0.00082	0.0053	1C17020	EPA 8260B	03/17/11 21:07	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00052	U	mg/kg dry	1	0.00052	0.0053	1C17020	EPA 8260B	03/17/11 21:07	JKG	
2-Chlorotoluene [95-49-8] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
2-Hexanone [591-78-6] ^	0.00079	U	mg/kg dry	1	0.00079	0.0053	1C17020	EPA 8260B	03/17/11 21:07	JKG	
4-Chlorotoluene [106-43-4] ^	0.00027	U	mg/kg dry	1	0.00027	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
4-Isopropyltoluene [99-87-6] ^	**0.0017**		mg/kg dry	1	0.00017	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00060	U	mg/kg dry	1	0.00060	0.0053	1C17020	EPA 8260B	03/17/11 21:07	JKG	
Acetone [67-64-1] ^	**0.052**		mg/kg dry	1	0.0013	0.0053	1C17020	EPA 8260B	03/17/11 21:07	JKG	
Benzene [71-43-2] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
Bromobenzene [108-86-1] ^	0.00023	U	mg/kg dry	1	0.00023	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
Bromochloromethane [74-97-5] ^	0.00043	U	mg/kg dry	1	0.00043	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
Bromodichloromethane [75-27-4] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
Bromoform [75-25-2] ^	0.00047	U	mg/kg dry	1	0.00047	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
Bromomethane [74-83-9] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
Carbon disulfide [75-15-0] ^	0.00041	U	mg/kg dry	1	0.00041	0.0053	1C17020	EPA 8260B	03/17/11 21:07	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00023	U	mg/kg dry	1	0.00023	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
Chlorobenzene [108-90-7] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
Chloroethane [75-00-3] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
Chloroform [67-66-3] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
Chloromethane [74-87-3] ^	0.00016	U	mg/kg dry	1	0.00016	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00014	U	mg/kg dry	1	0.00014	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
Dibromochloromethane [124-48-1] ^	0.00037	U	mg/kg dry	1	0.00037	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
Dibromomethane [74-95-3] ^	0.00033	U	mg/kg dry	1	0.00033	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00047	U	mg/kg dry	1	0.00047	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
Ethylbenzene [100-41-4] ^	0.00021	U	mg/kg dry	1	0.00021	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00037	U	mg/kg dry	1	0.00037	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
Isopropylbenzene [98-82-8] ^	**0.00061**	J	mg/kg dry	1	0.00016	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	**0.00075**	J	mg/kg dry	1	0.00039	0.0021	1C17020	EPA 8260B	03/17/11 21:07	JKG	
Methylene Chloride [75-09-2] ^	0.00059	U	mg/kg dry	1	0.00059	0.0021	1C17020	EPA 8260B	03/17/11 21:07	JKG	

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Description: SP-8 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-04
Sampled: 03/08/11 12:35
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 82.8

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00032	U	mg/kg dry	1	0.00032	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
Naphthalene [91-20-3] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
n-Butyl Benzene [104-51-8] ^	**0.0024**		mg/kg dry	1	0.00023	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
n-Propyl Benzene [103-65-1] ^	**0.00087**	J	mg/kg dry	1	0.00019	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
o-Xylene [95-47-6] ^	**0.0013**		mg/kg dry	1	0.00023	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
sec-Butylbenzene [135-98-8] ^	**0.00092**	J	mg/kg dry	1	0.00023	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
Styrene [100-42-5] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
tert-Butylbenzene [98-06-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
Tetrachloroethene [127-18-4] ^	0.00029	U	mg/kg dry	1	0.00029	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
Toluene [108-88-3] ^	0.00021	U	mg/kg dry	1	0.00021	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00039	U	mg/kg dry	1	0.00039	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00041	U	mg/kg dry	1	0.00041	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
Trichloroethene [79-01-6] ^	0.00028	U	mg/kg dry	1	0.00028	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00027	U	mg/kg dry	1	0.00027	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
Vinyl chloride [75-01-4] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	1C17020	EPA 8260B	03/17/11 21:07	JKG	
Xylenes (Total) [1330-20-7] ^	**0.0020**	J	mg/kg dry	1	0.00059	0.0032	1C17020	EPA 8260B	03/17/11 21:07	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*52*	*1*	*50.0*	*104 %*	*61-118*	*1C17020*	*EPA 8260B*	*03/17/11 21:07*	*JKG*	
Dibromofluoromethane	*42*	*1*	*50.0*	*84 %*	*66-114*	*1C17020*	*EPA 8260B*	*03/17/11 21:07*	*JKG*	
Toluene-d8	*48*	*1*	*50.0*	*96 %*	*63-118*	*1C17020*	*EPA 8260B*	*03/17/11 21:07*	*JKG*	

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Description: SP-8 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-04
Sampled: 03/08/11 12:35
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 82.8

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
1,2-Dichlorobenzene [95-50-1] ^	0.14	UD	mg/kg dry	5	0.14	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
1,3-Dichlorobenzene [541-73-1] ^	0.12	UD	mg/kg dry	5	0.12	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
1,4-Dichlorobenzene [106-46-7] ^	0.13	UD	mg/kg dry	5	0.13	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
1-Methylnaphthalene [90-12-0] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
2,4,5-Trichlorophenol [95-95-4] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
2,4,6-Trichlorophenol [88-06-2] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
2,4-Dichlorophenol [120-83-2] ^	0.14	UD	mg/kg dry	5	0.14	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
2,4-Dimethylphenol [105-67-9] ^	0.26	UD	mg/kg dry	5	0.26	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
2,4-Dinitrophenol [51-28-5] ^	0.26	UD	mg/kg dry	5	0.26	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
2,4-Dinitrotoluene [121-14-2] ^	0.17	UD	mg/kg dry	5	0.17	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
2,6-Dinitrotoluene [606-20-2] ^	0.19	UD	mg/kg dry	5	0.19	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
2-Chloronaphthalene [91-58-7] ^	0.17	UD	mg/kg dry	5	0.17	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
2-Chlorophenol [95-57-8] ^	0.15	UD	mg/kg dry	5	0.15	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
2-Methyl-4,6-dinitrophenol [534-52-1] ^	0.20	UD	mg/kg dry	5	0.20	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	QV-01, R-05
2-Methylnaphthalene [91-57-6] ^	0.17	UD	mg/kg dry	5	0.17	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
2-Methylphenol [95-48-7] ^	0.15	UD	mg/kg dry	5	0.15	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
2-Nitroaniline [88-74-4] ^	0.18	UD	mg/kg dry	5	0.18	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
2-Nitrophenol [88-75-5] ^	0.19	UD	mg/kg dry	5	0.19	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
3,3'-Dichlorobenzidine [91-94-1] ^	0.59	UD	mg/kg dry	5	0.59	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
3-Nitroaniline [99-09-2] ^	0.22	UD	mg/kg dry	5	0.22	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
4-Bromophenyl-phenylether [101-55-3] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
4-Chloro-3-methylphenol [59-50-7] ^	0.20	UD	mg/kg dry	5	0.20	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
4-Chloroaniline [106-47-8] ^	0.56	UD	mg/kg dry	5	0.56	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
4-Chlorophenyl-phenylether [7005-72-3] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
4-Nitroaniline [100-01-6] ^	0.32	UD	mg/kg dry	5	0.32	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
4-Nitrophenol [100-02-7]	0.19	UD	mg/kg dry	5	0.19	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
Acenaphthene [83-32-9] ^	0.17	UD	mg/kg dry	5	0.17	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
Acenaphthylene [208-96-8] ^	0.17	UD	mg/kg dry	5	0.17	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
Anthracene [120-12-7] ^	0.23	UD	mg/kg dry	5	0.23	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
Benzidine [92-87-5] ^	0.66	UD	mg/kg dry	5	0.66	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
Benzo(a)anthracene [56-55-3] ^	0.17	UD	mg/kg dry	5	0.17	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
Benzo(a)pyrene [50-32-8] ^	0.20	UD	mg/kg dry	5	0.20	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
Benzo(b)fluoranthene [205-99-2] ^	0.11	UD	mg/kg dry	5	0.11	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
Benzo(g,h,i)perylene [191-24-2] ^	0.28	UD	mg/kg dry	5	0.28	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
Benzo(k)fluoranthene [207-08-9] ^	0.20	UD	mg/kg dry	5	0.20	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
Benzoic acid [65-85-0] ^	0.91	UD	mg/kg dry	5	0.91	10	1C18035	EPA 8270D	03/24/11 02:58	DFM	QV-01, R-05
Benzyl alcohol [100-51-6] ^	0.14	UD	mg/kg dry	5	0.14	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
Bis(2-chloroethoxy)methane [111-91-1] ^	0.15	UD	mg/kg dry	5	0.15	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
Bis(2-chloroethyl)ether [111-44-4] ^	0.26	UD	mg/kg dry	5	0.26	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
Bis(2-chloroisopropyl)ether [108-60-1] ^	0.14	UD	mg/kg dry	5	0.14	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
Bis(2-ethylhexyl)phthalate [117-81-7] ^	**0.43**	JD	mg/kg dry	5	0.21	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
Butylbenzylphthalate [85-68-7] ^	0.24	UD	mg/kg dry	5	0.24	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
Chrysene [218-01-9] ^	0.18	UD	mg/kg dry	5	0.18	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
Dibenzo(a,h)anthracene [53-70-3] ^	0.31	UD	mg/kg dry	5	0.31	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
Dibenzofuran [132-64-9] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
Diethylphthalate [84-66-2] ^	0.17	UD	mg/kg dry	5	0.17	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
Dimethylphthalate [131-11-3] ^	0.20	UD	mg/kg dry	5	0.20	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
Di-n-butylphthalate [84-74-2] ^	0.25	UD	mg/kg dry	5	0.25	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05

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Description: SP-8 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-04
Sampled: 03/08/11 12:35
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 82.8

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Di-n-octylphthalate [117-84-0] ^	**0.38**	JD	mg/kg dry	5	0.20	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
Fluoranthene [206-44-0] ^	0.22	UD	mg/kg dry	5	0.22	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
Fluorene [86-73-7] ^	0.18	UD	mg/kg dry	5	0.18	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
Hexachlorobenzene [118-74-1] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
Hexachlorobutadiene [87-68-3] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
Hexachlorocyclopentadiene [77-47-4] ^	0.24	UD	mg/kg dry	5	0.24	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	QV-01, R-05
Hexachloroethane [67-72-1] ^	0.13	UD	mg/kg dry	5	0.13	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.28	UD	mg/kg dry	5	0.28	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
Isophorone [78-59-1] ^	0.18	UD	mg/kg dry	5	0.18	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
Naphthalene [91-20-3] ^	0.17	UD	mg/kg dry	5	0.17	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
Nitrobenzene [98-95-3] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
N-Nitrosodimethylamine [62-75-9] ^	0.13	UD	mg/kg dry	5	0.13	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
N-Nitroso-di-n-propylamine [621-64-7] ^	0.49	UD	mg/kg dry	5	0.49	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	0.33	UD	mg/kg dry	5	0.33	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
Pentachlorophenol [87-86-5]	0.20	UD	mg/kg dry	5	0.20	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	QV-01, R-05
Phenanthrene [85-01-8] ^	0.16	UD	mg/kg dry	5	0.16	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
Phenol [108-95-2] ^	0.13	UD	mg/kg dry	5	0.13	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
Pyrene [129-00-0] ^	0.23	UD	mg/kg dry	5	0.23	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05
Pyridine [110-86-1] ^	0.50	UD	mg/kg dry	5	0.50	2.0	1C18035	EPA 8270D	03/24/11 02:58	DFM	R-05

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*3.4*	*5*	*4.02*	*84 %*	*28-130*	*1C18035*	*EPA 8270D*	*03/24/11 02:58*	*DFM*	*R-05*
2-Fluorobiphenyl	*1.8*	*5*	*2.01*	*88 %*	*56-120*	*1C18035*	*EPA 8270D*	*03/24/11 02:58*	*DFM*	*R-05*
2-Fluorophenol	*2.5*	*5*	*4.02*	*61 %*	*49-126*	*1C18035*	*EPA 8270D*	*03/24/11 02:58*	*DFM*	*R-05*
Nitrobenzene-d5	*1.5*	*5*	*2.01*	*73 %*	*50-117*	*1C18035*	*EPA 8270D*	*03/24/11 02:58*	*DFM*	*R-05*
Phenol-d5	*3.1*	*5*	*4.02*	*78 %*	*56-120*	*1C18035*	*EPA 8270D*	*03/24/11 02:58*	*DFM*	*R-05*
Terphenyl-d14	*1.7*	*5*	*2.01*	*86 %*	*36-151*	*1C18035*	*EPA 8270D*	*03/24/11 02:58*	*DFM*	*R-05*

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Description: SP-8 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-04
Sampled: 03/08/11 12:35
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 82.8

Organochlorine Pesticides by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8] ^	0.00039	U	mg/kg dry	1	0.00039	0.0021	1C10023	EPA 8081B	03/11/11 16:26	MSZ	
4,4'-DDE [72-55-9] ^	0.00050	U	mg/kg dry	1	0.00050	0.0021	1C10023	EPA 8081B	03/11/11 16:26	MSZ	
4,4'-DDT [50-29-3] ^	0.00063	U	mg/kg dry	1	0.00063	0.0021	1C10023	EPA 8081B	03/11/11 16:26	MSZ	
Aldrin [309-00-2] ^	0.00043	U	mg/kg dry	1	0.00043	0.0021	1C10023	EPA 8081B	03/11/11 16:26	MSZ	
alpha-BHC [319-84-6] ^	0.00059	U	mg/kg dry	1	0.00059	0.0021	1C10023	EPA 8081B	03/11/11 16:26	MSZ	
beta-BHC [319-85-7] ^	0.00086	U	mg/kg dry	1	0.00086	0.0021	1C10023	EPA 8081B	03/11/11 16:26	MSZ	
Chlordane (tech) [12789-03-6] ^	0.0014	U	mg/kg dry	1	0.0014	0.040	1C10023	EPA 8081B	03/11/11 16:26	MSZ	
Chlordane-alpha [5103-71-9] ^	0.00056	U	mg/kg dry	1	0.00056	0.0021	1C10023	EPA 8081B	03/11/11 16:26	MSZ	
Chlordane-gamma [5566-34-7] ^	0.00072	U	mg/kg dry	1	0.00072	0.0021	1C10023	EPA 8081B	03/11/11 16:26	MSZ	
delta-BHC [319-86-8] ^	0.00036	U	mg/kg dry	1	0.00036	0.0021	1C10023	EPA 8081B	03/11/11 16:26	MSZ	
Dieldrin [60-57-1] ^	0.00039	U	mg/kg dry	1	0.00039	0.0021	1C10023	EPA 8081B	03/11/11 16:26	MSZ	
Endosulfan I [959-98-8] ^	0.00050	U	mg/kg dry	1	0.00050	0.0021	1C10023	EPA 8081B	03/11/11 16:26	MSZ	
Endosulfan II [33213-65-9] ^	0.00047	U	mg/kg dry	1	0.00047	0.0021	1C10023	EPA 8081B	03/11/11 16:26	MSZ	
Endosulfan sulfate [1031-07-8] ^	0.00058	U	mg/kg dry	1	0.00058	0.0021	1C10023	EPA 8081B	03/11/11 16:26	MSZ	
Endrin [72-20-8] ^	0.00047	U	mg/kg dry	1	0.00047	0.0021	1C10023	EPA 8081B	03/11/11 16:26	MSZ	
Endrin aldehyde [7421-93-4] ^	0.00041	U	mg/kg dry	1	0.00041	0.0021	1C10023	EPA 8081B	03/11/11 16:26	MSZ	
Endrin ketone [53494-70-5] ^	0.00036	U	mg/kg dry	1	0.00036	0.0021	1C10023	EPA 8081B	03/11/11 16:26	MSZ	
gamma-BHC [58-89-9] ^	0.00051	U	mg/kg dry	1	0.00051	0.0021	1C10023	EPA 8081B	03/11/11 16:26	MSZ	
Heptachlor [76-44-8] ^	0.00056	U	mg/kg dry	1	0.00056	0.0021	1C10023	EPA 8081B	03/11/11 16:26	MSZ	
Heptachlor epoxide [1024-57-3] ^	0.00052	U	mg/kg dry	1	0.00052	0.0021	1C10023	EPA 8081B	03/11/11 16:26	MSZ	
Isodrin [465-73-6] ^	0.00043	U	mg/kg dry	1	0.00043	0.0021	1C10023	EPA 8081B	03/11/11 16:26	MSZ	
Methoxychlor [72-43-5] ^	0.00051	U	mg/kg dry	1	0.00051	0.0021	1C10023	EPA 8081B	03/11/11 16:26	MSZ	
Mirex [2385-85-5] ^	0.00068	U	mg/kg dry	1	0.00068	0.0021	1C10023	EPA 8081B	03/11/11 16:26	MSZ	
Toxaphene [8001-35-2] ^	0.012	U	mg/kg dry	1	0.012	0.021	1C10023	EPA 8081B	03/11/11 16:26	MSZ	

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Description: SP-8 WSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-04
Sampled: 03/08/11 12:35
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 82.8

Polychlorinated Biphenyls by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
PCB-1016/1242 [12674-11-2/53469-21-9] ^	0.0092	U	mg/kg dry	1	0.0092	0.021	1C10024	EPA 8082A	03/11/11 16:26	MSZ	
PCB-1221 [11104-28-2] ^	0.0063	U	mg/kg dry	1	0.0063	0.021	1C10024	EPA 8082A	03/11/11 16:26	MSZ	
PCB-1232 [11141-16-5] ^	0.0063	U	mg/kg dry	1	0.0063	0.021	1C10024	EPA 8082A	03/11/11 16:26	MSZ	
PCB-1248 [12672-29-6] ^	0.0063	U	mg/kg dry	1	0.0063	0.021	1C10024	EPA 8082A	03/11/11 16:26	MSZ	
PCB-1254 [11097-69-1] ^	0.0063	U	mg/kg dry	1	0.0063	0.021	1C10024	EPA 8082A	03/11/11 16:26	MSZ	
PCB-1260 [11096-82-5] ^	0.0050	U	mg/kg dry	1	0.0050	0.021	1C10024	EPA 8082A	03/11/11 16:26	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,5,6-TCMX	*0.032*	*1*	*0.0402*	*80 %*	*44-168*	*1C10024*	*EPA 8082A*	*03/11/11 16:26*	*MSZ*	
Decachlorobiphenyl	*0.028*	*1*	*0.0402*	*70 %*	*51-154*	*1C10024*	*EPA 8082A*	*03/11/11 16:26*	*MSZ*	

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Description:	SP-8 WSW	**Lab Sample ID:**	C102841-04	**Received:**	03/09/11 12:50
Matrix:	Soil	**Sampled:**	03/08/11 12:35	**Work Order:**	C102841
Project:	Point Harbour Site	**Sampled By:**	Michael Sabodish	**% Solids:**	82.8

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	**3.85**		mg/kg dry	1	0.121	0.604	1C10015	EPA 6010C	03/11/11 11:27	JDH	
Lead [7439-92-1] ^	**184**		mg/kg dry	1	0.145	0.604	1C10015	EPA 6010C	03/11/11 11:27	JDH	

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Description:	SP-8 WSW	**Lab Sample ID:**	C102841-04	**Received:**	03/09/11 12:50
Matrix:	Soil	**Sampled:**	03/08/11 12:35	**Work Order:**	C102841
Project:	Point Harbour Site	**Sampled By:**	Michael Sabodish	**% Solids:**	82.8

Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM) [C-0007] ^	**1770**		mg/kg dry	1	60.4	60.4	1C17007	EPA 9071B	03/22/11 11:48	MJF	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SP-8 BASE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-05
Sampled: 03/08/11 12:35
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 84.6

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00019	U	mg/kg dry	1	0.00019	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00021	U	mg/kg dry	1	0.00021	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00024	U	mg/kg dry	1	0.00024	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00027	U	mg/kg dry	1	0.00027	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00030	U	mg/kg dry	1	0.00030	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00035	U	mg/kg dry	1	0.00035	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00038	U	mg/kg dry	1	0.00038	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00025	U	mg/kg dry	1	0.00025	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00040	U	mg/kg dry	1	0.00040	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00032	U	mg/kg dry	1	0.00032	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	**0.094**		mg/kg dry	1	0.00020	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00093	U	mg/kg dry	1	0.00093	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00054	U	mg/kg dry	1	0.00054	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00032	U	mg/kg dry	1	0.00032	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00045	U	mg/kg dry	1	0.00045	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00031	U	mg/kg dry	1	0.00031	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	**0.039**		mg/kg dry	1	0.00024	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00026	U	mg/kg dry	1	0.00026	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00034	U	mg/kg dry	1	0.00034	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00024	U	mg/kg dry	1	0.00024	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00027	U	mg/kg dry	1	0.00027	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
2-Butanone [78-93-3] ^	**0.025**		mg/kg dry	1	0.00092	0.0059	1C17020	EPA 8260B	03/17/11 21:37	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00058	U	mg/kg dry	1	0.00058	0.0059	1C17020	EPA 8260B	03/17/11 21:37	JKG	
2-Chlorotoluene [95-49-8] ^	0.00021	U	mg/kg dry	1	0.00021	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
2-Hexanone [591-78-6] ^	0.00089	U	mg/kg dry	1	0.00089	0.0059	1C17020	EPA 8260B	03/17/11 21:37	JKG	
4-Chlorotoluene [106-43-4] ^	0.00031	U	mg/kg dry	1	0.00031	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
4-Isopropyltoluene [99-87-6] ^	**0.038**		mg/kg dry	1	0.00019	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00067	U	mg/kg dry	1	0.00067	0.0059	1C17020	EPA 8260B	03/17/11 21:37	JKG	
Acetone [67-64-1] ^	**0.067**		mg/kg dry	1	0.0014	0.0059	1C17020	EPA 8260B	03/17/11 21:37	JKG	
Benzene [71-43-2] ^	**0.00094**	J	mg/kg dry	1	0.00020	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
Bromobenzene [108-86-1] ^	0.00026	U	mg/kg dry	1	0.00026	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
Bromochloromethane [74-97-5] ^	0.00048	U	mg/kg dry	1	0.00048	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
Bromodichloromethane [75-27-4] ^	0.00028	U	mg/kg dry	1	0.00028	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
Bromoform [75-25-2] ^	0.00053	U	mg/kg dry	1	0.00053	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
Bromomethane [74-83-9] ^	0.00027	U	mg/kg dry	1	0.00027	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
Carbon disulfide [75-15-0] ^	0.00046	U	mg/kg dry	1	0.00046	0.0059	1C17020	EPA 8260B	03/17/11 21:37	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00026	U	mg/kg dry	1	0.00026	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
Chlorobenzene [108-90-7] ^	0.00020	U	mg/kg dry	1	0.00020	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
Chloroethane [75-00-3] ^	0.00030	U	mg/kg dry	1	0.00030	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
Chloroform [67-66-3] ^	0.00020	U	mg/kg dry	1	0.00020	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
Chloromethane [74-87-3] ^	0.00018	U	mg/kg dry	1	0.00018	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00027	U	mg/kg dry	1	0.00027	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00015	U	mg/kg dry	1	0.00015	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
Dibromochloromethane [124-48-1] ^	0.00041	U	mg/kg dry	1	0.00041	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
Dibromomethane [74-95-3] ^	0.00037	U	mg/kg dry	1	0.00037	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00053	U	mg/kg dry	1	0.00053	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
Ethylbenzene [100-41-4] ^	**0.0070**		mg/kg dry	1	0.00024	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00041	U	mg/kg dry	1	0.00041	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
Isopropylbenzene [98-82-8] ^	**0.0038**		mg/kg dry	1	0.00018	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	**0.028**		mg/kg dry	1	0.00044	0.0024	1C17020	EPA 8260B	03/17/11 21:37	JKG	
Methylene Chloride [75-09-2] ^	**0.0028**		mg/kg dry	1	0.00066	0.0024	1C17020	EPA 8260B	03/17/11 21:37	JKG	

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Description: SP-8 BASE
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-05
Sampled: 03/08/11 12:35
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 84.6

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00035	U	mg/kg dry	1	0.00035	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
Naphthalene [91-20-3] ^	0.00028	U	mg/kg dry	1	0.00028	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
n-Butyl Benzene [104-51-8] ^	**0.015**		mg/kg dry	1	0.00026	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
n-Propyl Benzene [103-65-1] ^	**0.0068**		mg/kg dry	1	0.00021	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
o-Xylene [95-47-6] ^	**0.016**		mg/kg dry	1	0.00026	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
sec-Butylbenzene [135-98-8] ^	**0.010**		mg/kg dry	1	0.00026	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
Styrene [100-42-5] ^	0.00020	U	mg/kg dry	1	0.00020	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
tert-Butylbenzene [98-06-6] ^	0.00019	U	mg/kg dry	1	0.00019	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
Tetrachloroethene [127-18-4] ^	0.00033	U	mg/kg dry	1	0.00033	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
Toluene [108-88-3] ^	**0.034**		mg/kg dry	1	0.00024	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00044	U	mg/kg dry	1	0.00044	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00046	U	mg/kg dry	1	0.00046	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
Trichloroethene [79-01-6] ^	0.00032	U	mg/kg dry	1	0.00032	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00031	U	mg/kg dry	1	0.00031	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
Vinyl chloride [75-01-4] ^	0.00028	U	mg/kg dry	1	0.00028	0.0012	1C17020	EPA 8260B	03/17/11 21:37	JKG	
Xylenes (Total) [1330-20-7] ^	**0.044**		mg/kg dry	1	0.00066	0.0035	1C17020	EPA 8260B	03/17/11 21:37	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*42*	*1*	*50.0*	*84 %*	*61-118*	*1C17020*	*EPA 8260B*	*03/17/11 21:37*	*JKG*	
Dibromofluoromethane	*45*	*1*	*50.0*	*89 %*	*66-114*	*1C17020*	*EPA 8260B*	*03/17/11 21:37*	*JKG*	
Toluene-d8	*36*	*1*	*50.0*	*72 %*	*63-118*	*1C17020*	*EPA 8260B*	*03/17/11 21:37*	*JKG*	

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Matrix: Soil
Project: Point Harbour Site

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Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	1.2	UD	mg/kg dry	20	1.2	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
1,2-Dichlorobenzene [95-50-1] ^	1.1	UD	mg/kg dry	20	1.1	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
1,3-Dichlorobenzene [541-73-1] ^	0.95	UD	mg/kg dry	20	0.95	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
1,4-Dichlorobenzene [106-46-7] ^	0.99	UD	mg/kg dry	20	0.99	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
1-Methylnaphthalene [90-12-0] ^	1.3	UD	mg/kg dry	20	1.3	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
2,4,5-Trichlorophenol [95-95-4] ^	1.3	UD	mg/kg dry	20	1.3	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
2,4,6-Trichlorophenol [88-06-2] ^	1.3	UD	mg/kg dry	20	1.3	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
2,4-Dichlorophenol [120-83-2] ^	1.1	UD	mg/kg dry	20	1.1	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
2,4-Dimethylphenol [105-67-9] ^	2.0	UD	mg/kg dry	20	2.0	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
2,4-Dinitrophenol [51-28-5] ^	2.0	UD	mg/kg dry	20	2.0	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
2,4-Dinitrotoluene [121-14-2] ^	1.3	UD	mg/kg dry	20	1.3	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
2,6-Dinitrotoluene [606-20-2] ^	1.5	UD	mg/kg dry	20	1.5	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
2-Chloronaphthalene [91-58-7] ^	1.3	UD	mg/kg dry	20	1.3	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
2-Chlorophenol [95-57-8] ^	1.2	UD	mg/kg dry	20	1.2	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
2-Methyl-4,6-dinitrophenol [534-52-1] ^	1.6	UD	mg/kg dry	20	1.6	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	QV-01, R-05
2-Methylnaphthalene [91-57-6] ^	1.3	UD	mg/kg dry	20	1.3	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
2-Methylphenol [95-48-7] ^	1.2	UD	mg/kg dry	20	1.2	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
2-Nitroaniline [88-74-4] ^	1.4	UD	mg/kg dry	20	1.4	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
2-Nitrophenol [88-75-5] ^	1.5	UD	mg/kg dry	20	1.5	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
3 & 4-Methylphenol [108-39-4/106-44-5] ^	1.2	UD	mg/kg dry	20	1.2	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
3,3'-Dichlorobenzidine [91-94-1] ^	4.6	UD	mg/kg dry	20	4.6	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
3-Nitroaniline [99-09-2] ^	1.7	UD	mg/kg dry	20	1.7	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
4-Bromophenyl-phenylether [101-55-3] ^	1.3	UD	mg/kg dry	20	1.3	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
4-Chloro-3-methylphenol [59-50-7] ^	1.6	UD	mg/kg dry	20	1.6	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
4-Chloroaniline [106-47-8] ^	4.4	UD	mg/kg dry	20	4.4	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
4-Chlorophenyl-phenylether [7005-72-3] ^	1.2	UD	mg/kg dry	20	1.2	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
4-Nitroaniline [100-01-6] ^	2.5	UD	mg/kg dry	20	2.5	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
4-Nitrophenol [100-02-7]	1.5	UD	mg/kg dry	20	1.5	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
Acenaphthene [83-32-9] ^	1.3	UD	mg/kg dry	20	1.3	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
Acenaphthylene [208-96-8] ^	1.3	UD	mg/kg dry	20	1.3	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
Anthracene [120-12-7] ^	1.8	UD	mg/kg dry	20	1.8	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
Benzidine [92-87-5] ^	5.2	UD	mg/kg dry	20	5.2	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
Benzo(a)anthracene [56-55-3] ^	1.3	UD	mg/kg dry	20	1.3	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
Benzo(a)pyrene [50-32-8] ^	1.6	UD	mg/kg dry	20	1.6	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
Benzo(b)fluoranthene [205-99-2] ^	0.85	UD	mg/kg dry	20	0.85	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
Benzo(g,h,i)perylene [191-24-2] ^	2.2	UD	mg/kg dry	20	2.2	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
Benzo(k)fluoranthene [207-08-9] ^	1.6	UD	mg/kg dry	20	1.6	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
Benzoic acid [65-85-0] ^	7.1	UD	mg/kg dry	20	7.1	80	1C18035	EPA 8270D	03/24/11 03:24	DFM	QV-01, R-05
Benzyl alcohol [100-51-6] ^	1.1	UD	mg/kg dry	20	1.1	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
Bis(2-chloroethoxy)methane [111-91-1] ^	1.2	UD	mg/kg dry	20	1.2	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
Bis(2-chloroethyl)ether [111-44-4] ^	2.0	UD	mg/kg dry	20	2.0	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
Bis(2-chloroisopropyl)ether [108-60-1] ^	1.1	UD	mg/kg dry	20	1.1	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
Bis(2-ethylhexyl)phthalate [117-81-7] ^	1.7	UD	mg/kg dry	20	1.7	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
Butylbenzylphthalate [85-68-7] ^	1.9	UD	mg/kg dry	20	1.9	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
Chrysene [218-01-9] ^	1.4	UD	mg/kg dry	20	1.4	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
Dibenzo(a,h)anthracene [53-70-3] ^	2.4	UD	mg/kg dry	20	2.4	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
Dibenzofuran [132-64-9] ^	1.3	UD	mg/kg dry	20	1.3	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
Diethylphthalate [84-66-2] ^	1.3	UD	mg/kg dry	20	1.3	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
Dimethylphthalate [131-11-3] ^	1.6	UD	mg/kg dry	20	1.6	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
Di-n-butylphthalate [84-74-2] ^	1.9	UD	mg/kg dry	20	1.9	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05

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Semivolatile Organic Compounds by GCMS

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Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Di-n-octylphthalate [117-84-0] ^	1.6	UD	mg/kg dry	20	1.6	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
Fluoranthene [206-44-0] ^	1.7	UD	mg/kg dry	20	1.7	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
Fluorene [86-73-7] ^	1.4	UD	mg/kg dry	20	1.4	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
Hexachlorobenzene [118-74-1] ^	1.2	UD	mg/kg dry	20	1.2	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
Hexachlorobutadiene [87-68-3] ^	1.2	UD	mg/kg dry	20	1.2	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
Hexachlorocyclopentadiene [77-47-4] ^	1.8	UD	mg/kg dry	20	1.8	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	QV-01, R-05
Hexachloroethane [67-72-1] ^	0.99	UD	mg/kg dry	20	0.99	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
Indeno(1,2,3-cd)pyrene [193-39-5] ^	2.2	UD	mg/kg dry	20	2.2	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
Isophorone [78-59-1] ^	1.4	UD	mg/kg dry	20	1.4	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
Naphthalene [91-20-3] ^	1.3	UD	mg/kg dry	20	1.3	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
Nitrobenzene [98-95-3] ^	1.2	UD	mg/kg dry	20	1.2	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
N-Nitrosodimethylamine [62-75-9] ^	0.99	UD	mg/kg dry	20	0.99	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
N-Nitroso-di-n-propylamine [621-64-7] ^	3.8	UD	mg/kg dry	20	3.8	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	2.6	UD	mg/kg dry	20	2.6	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
Pentachlorophenol [87-86-5]	1.6	UD	mg/kg dry	20	1.6	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	QV-01, R-05
Phenanthrene [85-01-8] ^	1.3	UD	mg/kg dry	20	1.3	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
Phenol [108-95-2] ^	1.0	UD	mg/kg dry	20	1.0	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
Pyrene [129-00-0] ^	1.8	UD	mg/kg dry	20	1.8	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05
Pyridine [110-86-1] ^	3.9	UD	mg/kg dry	20	3.9	16	1C18035	EPA 8270D	03/24/11 03:24	DFM	R-05

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*1.8*	*20*	*3.94*	*47 %*	*28-130*	*1C18035*	*EPA 8270D*	*03/24/11 03:24*	*DFM*	*R-05*
2-Fluorobiphenyl	*1.6*	*20*	*1.97*	*81 %*	*56-120*	*1C18035*	*EPA 8270D*	*03/24/11 03:24*	*DFM*	*R-05*
2-Fluorophenol	*0.54*	*20*	*3.94*	*14 %*	*49-126*	*1C18035*	*EPA 8270D*	*03/24/11 03:24*	*DFM*	*R-05*
Nitrobenzene-d5	*0.95*	*20*	*1.97*	*48 %*	*50-117*	*1C18035*	*EPA 8270D*	*03/24/11 03:24*	*DFM*	*R-05*
Phenol-d5	*1.1*	*20*	*3.94*	*28 %*	*56-120*	*1C18035*	*EPA 8270D*	*03/24/11 03:24*	*DFM*	*R-05*
Terphenyl-d14	*1.7*	*20*	*1.97*	*84 %*	*36-151*	*1C18035*	*EPA 8270D*	*03/24/11 03:24*	*DFM*	*R-05*

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Organochlorine Pesticides by GC

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Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8] ^	0.00038	U	mg/kg dry	1	0.00038	0.0020	1C10023	EPA 8081B	03/11/11 16:53	MSZ	
4,4'-DDE [72-55-9] ^	0.00048	U	mg/kg dry	1	0.00048	0.0020	1C10023	EPA 8081B	03/11/11 16:53	MSZ	
4,4'-DDT [50-29-3] ^	0.00061	U	mg/kg dry	1	0.00061	0.0020	1C10023	EPA 8081B	03/11/11 16:53	MSZ	
Aldrin [309-00-2] ^	0.00043	U	mg/kg dry	1	0.00043	0.0020	1C10023	EPA 8081B	03/11/11 16:53	MSZ	
alpha-BHC [319-84-6] ^	0.00058	U	mg/kg dry	1	0.00058	0.0020	1C10023	EPA 8081B	03/11/11 16:53	MSZ	
beta-BHC [319-85-7] ^	0.00084	U	mg/kg dry	1	0.00084	0.0020	1C10023	EPA 8081B	03/11/11 16:53	MSZ	
Chlordane (tech) [12789-03-6] ^	0.0013	U	mg/kg dry	1	0.0013	0.039	1C10023	EPA 8081B	03/11/11 16:53	MSZ	
Chlordane-alpha [5103-71-9] ^	0.00054	U	mg/kg dry	1	0.00054	0.0020	1C10023	EPA 8081B	03/11/11 16:53	MSZ	
Chlordane-gamma [5566-34-7] ^	0.00071	U	mg/kg dry	1	0.00071	0.0020	1C10023	EPA 8081B	03/11/11 16:53	MSZ	
delta-BHC [319-86-8] ^	0.00035	U	mg/kg dry	1	0.00035	0.0020	1C10023	EPA 8081B	03/11/11 16:53	MSZ	
Dieldrin [60-57-1] ^	0.00038	U	mg/kg dry	1	0.00038	0.0020	1C10023	EPA 8081B	03/11/11 16:53	MSZ	
Endosulfan I [959-98-8] ^	0.00048	U	mg/kg dry	1	0.00048	0.0020	1C10023	EPA 8081B	03/11/11 16:53	MSZ	
Endosulfan II [33213-65-9] ^	0.00046	U	mg/kg dry	1	0.00046	0.0020	1C10023	EPA 8081B	03/11/11 16:53	MSZ	
Endosulfan sulfate [1031-07-8] ^	0.00057	U	mg/kg dry	1	0.00057	0.0020	1C10023	EPA 8081B	03/11/11 16:53	MSZ	
Endrin [72-20-8] ^	0.00046	U	mg/kg dry	1	0.00046	0.0020	1C10023	EPA 8081B	03/11/11 16:53	MSZ	
Endrin aldehyde [7421-93-4] ^	0.00040	U	mg/kg dry	1	0.00040	0.0020	1C10023	EPA 8081B	03/11/11 16:53	MSZ	
Endrin ketone [53494-70-5] ^	0.00035	U	mg/kg dry	1	0.00035	0.0020	1C10023	EPA 8081B	03/11/11 16:53	MSZ	
gamma-BHC [58-89-9] ^	0.00050	U	mg/kg dry	1	0.00050	0.0020	1C10023	EPA 8081B	03/11/11 16:53	MSZ	
Heptachlor [76-44-8] ^	0.00054	U	mg/kg dry	1	0.00054	0.0020	1C10023	EPA 8081B	03/11/11 16:53	MSZ	
Heptachlor epoxide [1024-57-3] ^	0.00051	U	mg/kg dry	1	0.00051	0.0020	1C10023	EPA 8081B	03/11/11 16:53	MSZ	
Isodrin [465-73-6] ^	0.00043	U	mg/kg dry	1	0.00043	0.0020	1C10023	EPA 8081B	03/11/11 16:53	MSZ	
Methoxychlor [72-43-5] ^	0.00050	U	mg/kg dry	1	0.00050	0.0020	1C10023	EPA 8081B	03/11/11 16:53	MSZ	
Mirex [2385-85-5] ^	0.00066	U	mg/kg dry	1	0.00066	0.0020	1C10023	EPA 8081B	03/11/11 16:53	MSZ	
Toxaphene [8001-35-2] ^	0.012	U	mg/kg dry	1	0.012	0.020	1C10023	EPA 8081B	03/11/11 16:53	MSZ	

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Description: SP-8 BASE	**Lab Sample ID:** C102841-05	**Received:** 03/09/11 12:50
Matrix: Soil	**Sampled:** 03/08/11 12:35	**Work Order:** C102841
Project: Point Harbour Site	**Sampled By:** Michael Sabodish	**% Solids:** 84.6

Polychlorinated Biphenyls by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
PCB-1016/1242 [12674-11-2/53469-21-9] ^	0.0090	U	mg/kg dry	1	0.0090	0.020	1C10024	EPA 8082A	03/11/11 16:53	MSZ	
PCB-1221 [11104-28-2] ^	0.0061	U	mg/kg dry	1	0.0061	0.020	1C10024	EPA 8082A	03/11/11 16:53	MSZ	
PCB-1232 [11141-16-5] ^	0.0061	U	mg/kg dry	1	0.0061	0.020	1C10024	EPA 8082A	03/11/11 16:53	MSZ	
PCB-1248 [12672-29-6] ^	0.0061	U	mg/kg dry	1	0.0061	0.020	1C10024	EPA 8082A	03/11/11 16:53	MSZ	
PCB-1254 [11097-69-1] ^	0.0061	U	mg/kg dry	1	0.0061	0.020	1C10024	EPA 8082A	03/11/11 16:53	MSZ	
PCB-1260 [11096-82-5] ^	0.0048	U	mg/kg dry	1	0.0048	0.020	1C10024	EPA 8082A	03/11/11 16:53	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,5,6-TCMX	*0.035*	*1*	*0.0394*	*90 %*	*44-168*	*1C10024*	*EPA 8082A*	*03/11/11 16:53*	*MSZ*	
Decachlorobiphenyl	*0.035*	*1*	*0.0394*	*90 %*	*51-154*	*1C10024*	*EPA 8082A*	*03/11/11 16:53*	*MSZ*	

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Description: SP-8 BASE	**Lab Sample ID:** C102841-05	**Received:** 03/09/11 12:50
Matrix: Soil	**Sampled:** 03/08/11 12:35	**Work Order:** C102841
Project: Point Harbour Site	**Sampled By:** Michael Sabodish	**% Solids:** 84.6

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	**4.23**		mg/kg dry	1	0.118	0.591	1C10015	EPA 6010C	03/11/11 11:29	JDH	
Lead [7439-92-1] ^	**10.1**		mg/kg dry	1	0.142	0.591	1C10015	EPA 6010C	03/11/11 11:29	JDH	

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Description:	SP-8 BASE	**Lab Sample ID:**	C102841-05	**Received:**	03/09/11 12:50
Matrix:	Soil	**Sampled:**	03/08/11 12:35	**Work Order:**	C102841
Project:	Point Harbour Site	**Sampled By:**	Michael Sabodish	**% Solids:**	84.6

Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM) [C-0007] ^	**22800**		mg/kg dry	1	59.1	59.1	1C17007	EPA 9071B	03/22/11 11:48	MJF	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SP-11 NSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-06
Sampled: 03/08/11 14:38
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 81.1

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00019	U	mg/kg dry	1	0.00019	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00021	U	mg/kg dry	1	0.00021	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00024	U	mg/kg dry	1	0.00024	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00026	U	mg/kg dry	1	0.00026	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00031	U	mg/kg dry	1	0.00031	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00034	U	mg/kg dry	1	0.00034	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00022	U	mg/kg dry	1	0.00022	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00036	U	mg/kg dry	1	0.00036	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00028	U	mg/kg dry	1	0.00028	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00083	U	mg/kg dry	1	0.00083	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00048	U	mg/kg dry	1	0.00048	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00028	U	mg/kg dry	1	0.00028	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00040	U	mg/kg dry	1	0.00040	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00027	U	mg/kg dry	1	0.00027	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00021	U	mg/kg dry	1	0.00021	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00023	U	mg/kg dry	1	0.00023	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00030	U	mg/kg dry	1	0.00030	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00021	U	mg/kg dry	1	0.00021	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00024	U	mg/kg dry	1	0.00024	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
2-Butanone [78-93-3] ^	**0.0083**		mg/kg dry	1	0.00082	0.0052	1C17020	EPA 8260B	03/17/11 22:06	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00051	U	mg/kg dry	1	0.00051	0.0052	1C17020	EPA 8260B	03/17/11 22:06	JKG	
2-Chlorotoluene [95-49-8] ^	0.00019	U	mg/kg dry	1	0.00019	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
2-Hexanone [591-78-6] ^	0.00079	U	mg/kg dry	1	0.00079	0.0052	1C17020	EPA 8260B	03/17/11 22:06	JKG	
4-Chlorotoluene [106-43-4] ^	0.00027	U	mg/kg dry	1	0.00027	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00060	U	mg/kg dry	1	0.00060	0.0052	1C17020	EPA 8260B	03/17/11 22:06	JKG	
Acetone [67-64-1] ^	**0.032**		mg/kg dry	1	0.0013	0.0052	1C17020	EPA 8260B	03/17/11 22:06	JKG	
Benzene [71-43-2] ^	0.00018	U	mg/kg dry	1	0.00018	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
Bromobenzene [108-86-1] ^	0.00023	U	mg/kg dry	1	0.00023	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
Bromochloromethane [74-97-5] ^	0.00043	U	mg/kg dry	1	0.00043	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
Bromodichloromethane [75-27-4] ^	0.00025	U	mg/kg dry	1	0.00025	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
Bromoform [75-25-2] ^	0.00047	U	mg/kg dry	1	0.00047	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
Bromomethane [74-83-9] ^	0.00024	U	mg/kg dry	1	0.00024	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
Carbon disulfide [75-15-0] ^	**0.0011**	J	mg/kg dry	1	0.00041	0.0052	1C17020	EPA 8260B	03/17/11 22:06	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00023	U	mg/kg dry	1	0.00023	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
Chlorobenzene [108-90-7] ^	0.00018	U	mg/kg dry	1	0.00018	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
Chloroethane [75-00-3] ^	0.00026	U	mg/kg dry	1	0.00026	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
Chloroform [67-66-3] ^	0.00018	U	mg/kg dry	1	0.00018	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
Chloromethane [74-87-3] ^	0.00016	U	mg/kg dry	1	0.00016	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	**0.0024**		mg/kg dry	1	0.00024	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00014	U	mg/kg dry	1	0.00014	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
Dibromochloromethane [124-48-1] ^	0.00037	U	mg/kg dry	1	0.00037	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
Dibromomethane [74-95-3] ^	0.00032	U	mg/kg dry	1	0.00032	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00047	U	mg/kg dry	1	0.00047	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
Ethylbenzene [100-41-4] ^	0.00021	U	mg/kg dry	1	0.00021	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00037	U	mg/kg dry	1	0.00037	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
Isopropylbenzene [98-82-8] ^	0.00016	U	mg/kg dry	1	0.00016	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00039	U	mg/kg dry	1	0.00039	0.0021	1C17020	EPA 8260B	03/17/11 22:06	JKG	
Methylene Chloride [75-09-2] ^	**0.0010**	J	mg/kg dry	1	0.00059	0.0021	1C17020	EPA 8260B	03/17/11 22:06	JKG	

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Description: SP-11 NSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-06
Sampled: 03/08/11 14:38
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 81.1

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00031	U	mg/kg dry	1	0.00031	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
Naphthalene [91-20-3] ^	0.00025	U	mg/kg dry	1	0.00025	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
n-Butyl Benzene [104-51-8] ^	0.00023	U	mg/kg dry	1	0.00023	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
n-Propyl Benzene [103-65-1] ^	0.00019	U	mg/kg dry	1	0.00019	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
o-Xylene [95-47-6] ^	0.00023	U	mg/kg dry	1	0.00023	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
sec-Butylbenzene [135-98-8] ^	0.00023	U	mg/kg dry	1	0.00023	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
Styrene [100-42-5] ^	0.00018	U	mg/kg dry	1	0.00018	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
tert-Butylbenzene [98-06-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
Tetrachloroethene [127-18-4] ^	0.00029	U	mg/kg dry	1	0.00029	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
Toluene [108-88-3] ^	**0.00052**	J	mg/kg dry	1	0.00021	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00039	U	mg/kg dry	1	0.00039	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00041	U	mg/kg dry	1	0.00041	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
Trichloroethene [79-01-6] ^	0.00028	U	mg/kg dry	1	0.00028	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00027	U	mg/kg dry	1	0.00027	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
Vinyl chloride [75-01-4] ^	0.00025	U	mg/kg dry	1	0.00025	0.0010	1C17020	EPA 8260B	03/17/11 22:06	JKG	
Xylenes (Total) [1330-20-7] ^	0.00059	U	mg/kg dry	1	0.00059	0.0031	1C17020	EPA 8260B	03/17/11 22:06	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*48*	*1*	*50.0*	*96 %*	*61-118*	*1C17020*	*EPA 8260B*	*03/17/11 22:06*	*JKG*	
Dibromofluoromethane	*42*	*1*	*50.0*	*83 %*	*66-114*	*1C17020*	*EPA 8260B*	*03/17/11 22:06*	*JKG*	
Toluene-d8	*48*	*1*	*50.0*	*96 %*	*63-118*	*1C17020*	*EPA 8260B*	*03/17/11 22:06*	*JKG*	

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Description: SP-11 NSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-06
Sampled: 03/08/11 14:38
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 81.1

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	0.096	UD	mg/kg dry	3	0.096	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
1,2-Dichlorobenzene [95-50-1] ^	0.085	UD	mg/kg dry	3	0.085	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
1,3-Dichlorobenzene [541-73-1] ^	0.074	UD	mg/kg dry	3	0.074	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
1,4-Dichlorobenzene [106-46-7] ^	0.078	UD	mg/kg dry	3	0.078	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
1-Methylnaphthalene [90-12-0] ^	0.10	UD	mg/kg dry	3	0.10	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
2,4,5-Trichlorophenol [95-95-4] ^	0.10	UD	mg/kg dry	3	0.10	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
2,4,6-Trichlorophenol [88-06-2] ^	0.10	UD	mg/kg dry	3	0.10	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
2,4-Dichlorophenol [120-83-2] ^	0.089	UD	mg/kg dry	3	0.089	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
2,4-Dimethylphenol [105-67-9] ^	0.16	UD	mg/kg dry	3	0.16	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
2,4-Dinitrophenol [51-28-5] ^	0.16	UD	mg/kg dry	3	0.16	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
2,4-Dinitrotoluene [121-14-2] ^	0.10	UD	mg/kg dry	3	0.10	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
2,6-Dinitrotoluene [606-20-2] ^	0.11	UD	mg/kg dry	3	0.11	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
2-Chloronaphthalene [91-58-7] ^	0.10	UD	mg/kg dry	3	0.10	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
2-Chlorophenol [95-57-8] ^	0.093	UD	mg/kg dry	3	0.093	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
2-Methyl-4,6-dinitrophenol [534-52-1] ^	0.12	UD	mg/kg dry	3	0.12	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	QV-01, R-05
2-Methylnaphthalene [91-57-6] ^	0.10	UD	mg/kg dry	3	0.10	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
2-Methylphenol [95-48-7] ^	0.093	UD	mg/kg dry	3	0.093	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
2-Nitroaniline [88-74-4] ^	0.11	UD	mg/kg dry	3	0.11	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
2-Nitrophenol [88-75-5] ^	0.11	UD	mg/kg dry	3	0.11	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.096	UD	mg/kg dry	3	0.096	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
3,3'-Dichlorobenzidine [91-94-1] ^	0.36	UD	mg/kg dry	3	0.36	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
3-Nitroaniline [99-09-2] ^	0.13	UD	mg/kg dry	3	0.13	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
4-Bromophenyl-phenylether [101-55-3] ^	0.10	UD	mg/kg dry	3	0.10	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
4-Chloro-3-methylphenol [59-50-7] ^	0.12	UD	mg/kg dry	3	0.12	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
4-Chloroaniline [106-47-8] ^	0.34	UD	mg/kg dry	3	0.34	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
4-Chlorophenyl-phenylether [7005-72-3] ^	0.096	UD	mg/kg dry	3	0.096	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
4-Nitroaniline [100-01-6] ^	0.20	UD	mg/kg dry	3	0.20	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
4-Nitrophenol [100-02-7]	0.11	UD	mg/kg dry	3	0.11	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
Acenaphthene [83-32-9] ^	0.10	UD	mg/kg dry	3	0.10	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
Acenaphthylene [208-96-8] ^	0.10	UD	mg/kg dry	3	0.10	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
Anthracene [120-12-7] ^	0.14	UD	mg/kg dry	3	0.14	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
Benzidine [92-87-5] ^	0.41	UD	mg/kg dry	3	0.41	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
Benzo(a)anthracene [56-55-3] ^	0.10	UD	mg/kg dry	3	0.10	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
Benzo(a)pyrene [50-32-8] ^	0.12	UD	mg/kg dry	3	0.12	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
Benzo(b)fluoranthene [205-99-2] ^	0.067	UD	mg/kg dry	3	0.067	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
Benzo(g,h,i)perylene [191-24-2] ^	0.17	UD	mg/kg dry	3	0.17	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
Benzo(k)fluoranthene [207-08-9] ^	0.12	UD	mg/kg dry	3	0.12	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
Benzoic acid [65-85-0] ^	0.56	UD	mg/kg dry	3	0.56	6.3	1C18035	EPA 8270D	03/24/11 03:51	DFM	QV-01, R-05
Benzyl alcohol [100-51-6] ^	0.085	UD	mg/kg dry	3	0.085	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
Bis(2-chloroethoxy)methane [111-91-1] ^	0.093	UD	mg/kg dry	3	0.093	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
Bis(2-chloroethyl)ether [111-44-4] ^	0.16	UD	mg/kg dry	3	0.16	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
Bis(2-chloroisopropyl)ether [108-60-1] ^	0.089	UD	mg/kg dry	3	0.089	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
Bis(2-ethylhexyl)phthalate [117-81-7] ^	0.13	UD	mg/kg dry	3	0.13	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
Butylbenzylphthalate [85-68-7] ^	0.15	UD	mg/kg dry	3	0.15	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
Chrysene [218-01-9] ^	0.11	UD	mg/kg dry	3	0.11	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
Dibenzo(a,h)anthracene [53-70-3] ^	0.19	UD	mg/kg dry	3	0.19	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
Dibenzofuran [132-64-9] ^	0.10	UD	mg/kg dry	3	0.10	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
Diethylphthalate [84-66-2] ^	0.10	UD	mg/kg dry	3	0.10	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
Dimethylphthalate [131-11-3] ^	0.12	UD	mg/kg dry	3	0.12	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
Di-n-butylphthalate [84-74-2] ^	0.15	UD	mg/kg dry	3	0.15	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05

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Description: SP-11 NSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-06
Sampled: 03/08/11 14:38
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 81.1

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Di-n-octylphthalate [117-84-0] ^	0.12	UD	mg/kg dry	3	0.12	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
Fluoranthene [206-44-0] ^	0.13	UD	mg/kg dry	3	0.13	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
Fluorene [86-73-7] ^	0.11	UD	mg/kg dry	3	0.11	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
Hexachlorobenzene [118-74-1] ^	0.096	UD	mg/kg dry	3	0.096	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
Hexachlorobutadiene [87-68-3] ^	0.096	UD	mg/kg dry	3	0.096	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
Hexachlorocyclopentadiene [77-47-4] ^	0.14	UD	mg/kg dry	3	0.14	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	QV-01, R-05
Hexachloroethane [67-72-1] ^	0.078	UD	mg/kg dry	3	0.078	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.17	UD	mg/kg dry	3	0.17	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
Isophorone [78-59-1] ^	0.11	UD	mg/kg dry	3	0.11	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
Naphthalene [91-20-3] ^	0.10	UD	mg/kg dry	3	0.10	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
Nitrobenzene [98-95-3] ^	0.096	UD	mg/kg dry	3	0.096	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
N-Nitrosodimethylamine [62-75-9] ^	0.078	UD	mg/kg dry	3	0.078	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
N-Nitroso-di-n-propylamine [621-64-7] ^	0.30	UD	mg/kg dry	3	0.30	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	0.20	UD	mg/kg dry	3	0.20	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
Pentachlorophenol [87-86-5]	0.12	UD	mg/kg dry	3	0.12	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	QV-01, R-05
Phenanthrene [85-01-8] ^	0.10	UD	mg/kg dry	3	0.10	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
Phenol [108-95-2] ^	0.081	UD	mg/kg dry	3	0.081	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
Pyrene [129-00-0] ^	0.14	UD	mg/kg dry	3	0.14	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05
Pyridine [110-86-1] ^	0.30	UD	mg/kg dry	3	0.30	1.2	1C18035	EPA 8270D	03/24/11 03:51	DFM	R-05

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*3.4*	*3*	*4.11*	*83 %*	*28-130*	*1C18035*	*EPA 8270D*	*03/24/11 03:51*	*DFM*	*R-05*
2-Fluorobiphenyl	*1.8*	*3*	*2.06*	*87 %*	*56-120*	*1C18035*	*EPA 8270D*	*03/24/11 03:51*	*DFM*	*R-05*
2-Fluorophenol	*2.9*	*3*	*4.11*	*70 %*	*49-126*	*1C18035*	*EPA 8270D*	*03/24/11 03:51*	*DFM*	*R-05*
Nitrobenzene-d5	*1.6*	*3*	*2.06*	*76 %*	*50-117*	*1C18035*	*EPA 8270D*	*03/24/11 03:51*	*DFM*	*R-05*
Phenol-d5	*3.3*	*3*	*4.11*	*80 %*	*56-120*	*1C18035*	*EPA 8270D*	*03/24/11 03:51*	*DFM*	*R-05*
Terphenyl-d14	*1.8*	*3*	*2.06*	*89 %*	*36-151*	*1C18035*	*EPA 8270D*	*03/24/11 03:51*	*DFM*	*R-05*

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Description: SP-11 NSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-06
Sampled: 03/08/11 14:38
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 81.1

Organochlorine Pesticides by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8] ^	0.00039	U	mg/kg dry	1	0.00039	0.0021	1C11001	EPA 8081B	03/17/11 19:58	MSZ	
4,4'-DDE [72-55-9] ^	0.00051	U	mg/kg dry	1	0.00051	0.0021	1C11001	EPA 8081B	03/17/11 19:58	MSZ	
4,4'-DDT [50-29-3] ^	0.00064	U	mg/kg dry	1	0.00064	0.0021	1C11001	EPA 8081B	03/17/11 19:58	MSZ	
Aldrin [309-00-2] ^	0.00044	U	mg/kg dry	1	0.00044	0.0021	1C11001	EPA 8081B	03/17/11 19:58	MSZ	
alpha-BHC [319-84-6] ^	0.00060	U	mg/kg dry	1	0.00060	0.0021	1C11001	EPA 8081B	03/17/11 19:58	MSZ	
beta-BHC [319-85-7] ^	0.00088	U	mg/kg dry	1	0.00088	0.0021	1C11001	EPA 8081B	03/17/11 19:58	MSZ	
Chlordane (tech) [12789-03-6] ^	0.0014	U	mg/kg dry	1	0.0014	0.041	1C11001	EPA 8081B	03/17/11 19:58	MSZ	
Chlordane-alpha [5103-71-9] ^	0.00057	U	mg/kg dry	1	0.00057	0.0021	1C11001	EPA 8081B	03/17/11 19:58	MSZ	
Chlordane-gamma [5566-34-7] ^	0.00074	U	mg/kg dry	1	0.00074	0.0021	1C11001	EPA 8081B	03/17/11 19:58	MSZ	
delta-BHC [319-86-8] ^	0.00037	U	mg/kg dry	1	0.00037	0.0021	1C11001	EPA 8081B	03/17/11 19:58	MSZ	
Dieldrin [60-57-1] ^	0.00039	U	mg/kg dry	1	0.00039	0.0021	1C11001	EPA 8081B	03/17/11 19:58	MSZ	
Endosulfan I [959-98-8] ^	0.00051	U	mg/kg dry	1	0.00051	0.0021	1C11001	EPA 8081B	03/17/11 19:58	MSZ	
Endosulfan II [33213-65-9] ^	0.00048	U	mg/kg dry	1	0.00048	0.0021	1C11001	EPA 8081B	03/17/11 19:58	MSZ	
Endosulfan sulfate [1031-07-8] ^	0.00059	U	mg/kg dry	1	0.00059	0.0021	1C11001	EPA 8081B	03/17/11 19:58	MSZ	
Endrin [72-20-8] ^	0.00048	U	mg/kg dry	1	0.00048	0.0021	1C11001	EPA 8081B	03/17/11 19:58	MSZ	
Endrin aldehyde [7421-93-4] ^	0.00042	U	mg/kg dry	1	0.00042	0.0021	1C11001	EPA 8081B	03/17/11 19:58	MSZ	
Endrin ketone [53494-70-5] ^	0.00037	U	mg/kg dry	1	0.00037	0.0021	1C11001	EPA 8081B	03/17/11 19:58	MSZ	
gamma-BHC [58-89-9] ^	0.00052	U	mg/kg dry	1	0.00052	0.0021	1C11001	EPA 8081B	03/17/11 19:58	MSZ	
Heptachlor [76-44-8] ^	0.00057	U	mg/kg dry	1	0.00057	0.0021	1C11001	EPA 8081B	03/17/11 19:58	MSZ	
Heptachlor epoxide [1024-57-3] ^	0.00053	U	mg/kg dry	1	0.00053	0.0021	1C11001	EPA 8081B	03/17/11 19:58	MSZ	
Isodrin [465-73-6] ^	0.00044	U	mg/kg dry	1	0.00044	0.0021	1C11001	EPA 8081B	03/17/11 19:58	MSZ	
Methoxychlor [72-43-5] ^	0.00052	U	mg/kg dry	1	0.00052	0.0021	1C11001	EPA 8081B	03/17/11 19:58	MSZ	
Mirex [2385-85-5] ^	0.00069	U	mg/kg dry	1	0.00069	0.0021	1C11001	EPA 8081B	03/17/11 19:58	MSZ	
Toxaphene [8001-35-2] ^	0.012	U	mg/kg dry	1	0.012	0.021	1C11001	EPA 8081B	03/17/11 19:58	MSZ	

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Description: SP-11 NSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-06
Sampled: 03/08/11 14:38
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 81.1

Polychlorinated Biphenyls by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
PCB-1016/1242 [12674-11-2/53469-21-9] ^	0.0094	U	mg/kg dry	1	0.0094	0.021	1C11002	EPA 8082A	03/17/11 19:58	MSZ	
PCB-1221 [11104-28-2] ^	0.0064	U	mg/kg dry	1	0.0064	0.021	1C11002	EPA 8082A	03/17/11 19:58	MSZ	
PCB-1232 [11141-16-5] ^	0.0064	U	mg/kg dry	1	0.0064	0.021	1C11002	EPA 8082A	03/17/11 19:58	MSZ	
PCB-1248 [12672-29-6] ^	0.0064	U	mg/kg dry	1	0.0064	0.021	1C11002	EPA 8082A	03/17/11 19:58	MSZ	
PCB-1254 [11097-69-1] ^	0.0064	U	mg/kg dry	1	0.0064	0.021	1C11002	EPA 8082A	03/17/11 19:58	MSZ	
PCB-1260 [11096-82-5] ^	0.0051	U	mg/kg dry	1	0.0051	0.021	1C11002	EPA 8082A	03/17/11 19:58	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,5,6-TCMX	*0.045*	*1*	*0.0411*	*110 %*	*44-168*	*1C11002*	*EPA 8082A*	*03/17/11 19:58*	*MSZ*	
Decachlorobiphenyl	*0.045*	*1*	*0.0411*	*110 %*	*51-154*	*1C11002*	*EPA 8082A*	*03/17/11 19:58*	*MSZ*	

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Description: SP-11 NSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-06
Sampled: 03/08/11 14:38
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 81.1

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	5.13		mg/kg dry	1	0.123	0.617	1C10015	EPA 6010C	03/11/11 11:31	JDH	
Lead [7439-92-1] ^	61.2		mg/kg dry	1	0.148	0.617	1C10015	EPA 6010C	03/11/11 11:31	JDH	

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Description: SP-11 NSW	**Lab Sample ID:** C102841-06	**Received:** 03/09/11 12:50
Matrix: Soil	**Sampled:** 03/08/11 14:38	**Work Order:** C102841
Project: Point Harbour Site	**Sampled By:** Michael Sabodish	**% Solids:** 81.1

Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM) [C-0007] ^	**423**		mg/kg dry	1	61.7	61.7	1C17007	EPA 9071B	03/22/11 11:48	MJF	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SP-11 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-07
Sampled: 03/08/11 14:38
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 81.0

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00020	U	mg/kg dry	1	0.00020	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00022	U	mg/kg dry	1	0.00022	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00028	U	mg/kg dry	1	0.00028	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00033	U	mg/kg dry	1	0.00033	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00035	U	mg/kg dry	1	0.00035	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00023	U	mg/kg dry	1	0.00023	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00038	U	mg/kg dry	1	0.00038	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00030	U	mg/kg dry	1	0.00030	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	**0.00050**	J	mg/kg dry	1	0.00019	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00087	U	mg/kg dry	1	0.00087	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00051	U	mg/kg dry	1	0.00051	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00030	U	mg/kg dry	1	0.00030	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00042	U	mg/kg dry	1	0.00042	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00029	U	mg/kg dry	1	0.00029	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00022	U	mg/kg dry	1	0.00022	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00032	U	mg/kg dry	1	0.00032	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00022	U	mg/kg dry	1	0.00022	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
2-Butanone [78-93-3] ^	**0.0057**		mg/kg dry	1	0.00086	0.0055	1C17020	EPA 8260B	03/17/11 22:35	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00054	U	mg/kg dry	1	0.00054	0.0055	1C17020	EPA 8260B	03/17/11 22:35	JKG	
2-Chlorotoluene [95-49-8] ^	0.00020	U	mg/kg dry	1	0.00020	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
2-Hexanone [591-78-6] ^	0.00083	U	mg/kg dry	1	0.00083	0.0055	1C17020	EPA 8260B	03/17/11 22:35	JKG	
4-Chlorotoluene [106-43-4] ^	0.00029	U	mg/kg dry	1	0.00029	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00063	U	mg/kg dry	1	0.00063	0.0055	1C17020	EPA 8260B	03/17/11 22:35	JKG	
Acetone [67-64-1] ^	**0.032**		mg/kg dry	1	0.0013	0.0055	1C17020	EPA 8260B	03/17/11 22:35	JKG	
Benzene [71-43-2] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
Bromobenzene [108-86-1] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
Bromochloromethane [74-97-5] ^	0.00045	U	mg/kg dry	1	0.00045	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
Bromodichloromethane [75-27-4] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
Bromoform [75-25-2] ^	0.00050	U	mg/kg dry	1	0.00050	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
Bromomethane [74-83-9] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
Carbon disulfide [75-15-0] ^	**0.00064**	J	mg/kg dry	1	0.00043	0.0055	1C17020	EPA 8260B	03/17/11 22:35	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
Chlorobenzene [108-90-7] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
Chloroethane [75-00-3] ^	0.00028	U	mg/kg dry	1	0.00028	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
Chloroform [67-66-3] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
Chloromethane [74-87-3] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	**0.00051**	J	mg/kg dry	1	0.00025	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00014	U	mg/kg dry	1	0.00014	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
Dibromochloromethane [124-48-1] ^	0.00039	U	mg/kg dry	1	0.00039	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
Dibromomethane [74-95-3] ^	0.00034	U	mg/kg dry	1	0.00034	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00050	U	mg/kg dry	1	0.00050	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
Ethylbenzene [100-41-4] ^	0.00022	U	mg/kg dry	1	0.00022	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00039	U	mg/kg dry	1	0.00039	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
Isopropylbenzene [98-82-8] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00041	U	mg/kg dry	1	0.00041	0.0022	1C17020	EPA 8260B	03/17/11 22:35	JKG	
Methylene Chloride [75-09-2] ^	**0.00099**	J	mg/kg dry	1	0.00062	0.0022	1C17020	EPA 8260B	03/17/11 22:35	JKG	

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Description: SP-11 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-07
Sampled: 03/08/11 14:38
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 81.0

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00033	U	mg/kg dry	1	0.00033	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
Naphthalene [91-20-3] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
n-Butyl Benzene [104-51-8] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
n-Propyl Benzene [103-65-1] ^	0.00020	U	mg/kg dry	1	0.00020	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
o-Xylene [95-47-6] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
sec-Butylbenzene [135-98-8] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
Styrene [100-42-5] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
tert-Butylbenzene [98-06-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
Tetrachloroethene [127-18-4] ^	0.00031	U	mg/kg dry	1	0.00031	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
Toluene [108-88-3] ^	**0.0011**		mg/kg dry	1	0.00022	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00041	U	mg/kg dry	1	0.00041	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00043	U	mg/kg dry	1	0.00043	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
Trichloroethene [79-01-6] ^	0.00030	U	mg/kg dry	1	0.00030	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00029	U	mg/kg dry	1	0.00029	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
Vinyl chloride [75-01-4] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	1C17020	EPA 8260B	03/17/11 22:35	JKG	
Xylenes (Total) [1330-20-7] ^	0.00062	U	mg/kg dry	1	0.00062	0.0033	1C17020	EPA 8260B	03/17/11 22:35	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*48*	*1*	*50.0*	*95 %*	*61-118*	*1C17020*	*EPA 8260B*	*03/17/11 22:35*	*JKG*	
Dibromofluoromethane	*42*	*1*	*50.0*	*84 %*	*66-114*	*1C17020*	*EPA 8260B*	*03/17/11 22:35*	*JKG*	
Toluene-d8	*47*	*1*	*50.0*	*94 %*	*63-118*	*1C17020*	*EPA 8260B*	*03/17/11 22:35*	*JKG*	

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Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-07
Sampled: 03/08/11 14:38
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 81.0

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	0.032	U	mg/kg dry	1	0.032	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
1,2-Dichlorobenzene [95-50-1] ^	0.028	U	mg/kg dry	1	0.028	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
1,3-Dichlorobenzene [541-73-1] ^	0.025	U	mg/kg dry	1	0.025	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
1,4-Dichlorobenzene [106-46-7] ^	0.026	U	mg/kg dry	1	0.026	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
1-Methylnaphthalene [90-12-0] ^	0.033	U	mg/kg dry	1	0.033	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
2,4,5-Trichlorophenol [95-95-4] ^	0.033	U	mg/kg dry	1	0.033	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	0.033	U	mg/kg dry	1	0.033	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
2,4-Dichlorophenol [120-83-2] ^	0.030	U	mg/kg dry	1	0.030	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
2,4-Dimethylphenol [105-67-9] ^	0.053	U	mg/kg dry	1	0.053	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
2,4-Dinitrophenol [51-28-5] ^	0.053	U	mg/kg dry	1	0.053	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
2,4-Dinitrotoluene [121-14-2] ^	0.035	U	mg/kg dry	1	0.035	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
2,6-Dinitrotoluene [606-20-2] ^	0.038	U	mg/kg dry	1	0.038	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
2-Chloronaphthalene [91-58-7] ^	0.035	U	mg/kg dry	1	0.035	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
2-Chlorophenol [95-57-8] ^	0.031	U	mg/kg dry	1	0.031	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	0.041	U	mg/kg dry	1	0.041	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	QV-01
2-Methylnaphthalene [91-57-6] ^	0.035	U	mg/kg dry	1	0.035	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
2-Methylphenol [95-48-7] ^	0.031	U	mg/kg dry	1	0.031	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
2-Nitroaniline [88-74-4] ^	0.037	U	mg/kg dry	1	0.037	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
2-Nitrophenol [88-75-5] ^	0.038	U	mg/kg dry	1	0.038	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.032	U	mg/kg dry	1	0.032	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	0.12	U	mg/kg dry	1	0.12	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
3-Nitroaniline [99-09-2] ^	0.044	U	mg/kg dry	1	0.044	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	0.033	U	mg/kg dry	1	0.033	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	0.041	U	mg/kg dry	1	0.041	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
4-Chloroaniline [106-47-8] ^	0.11	U	mg/kg dry	1	0.11	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	0.032	U	mg/kg dry	1	0.032	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
4-Nitroaniline [100-01-6] ^	0.065	U	mg/kg dry	1	0.065	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
4-Nitrophenol [100-02-7]	0.038	U	mg/kg dry	1	0.038	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
Acenaphthene [83-32-9] ^	0.035	U	mg/kg dry	1	0.035	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
Acenaphthylene [208-96-8] ^	0.035	U	mg/kg dry	1	0.035	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
Anthracene [120-12-7] ^	0.047	U	mg/kg dry	1	0.047	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
Benzidine [92-87-5] ^	0.14	U	mg/kg dry	1	0.14	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
Benzo(a)anthracene [56-55-3] ^	0.035	U	mg/kg dry	1	0.035	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
Benzo(a)pyrene [50-32-8] ^	0.041	U	mg/kg dry	1	0.041	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
Benzo(b)fluoranthene [205-99-2] ^	0.022	U	mg/kg dry	1	0.022	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	0.058	U	mg/kg dry	1	0.058	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.041	U	mg/kg dry	1	0.041	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
Benzoic acid [65-85-0] ^	0.19	U	mg/kg dry	1	0.19	2.1	1C18035	EPA 8270D	03/24/11 00:19	DFM	QV-01
Benzyl alcohol [100-51-6] ^	0.028	U	mg/kg dry	1	0.028	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	0.031	U	mg/kg dry	1	0.031	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	0.053	U	mg/kg dry	1	0.053	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] ^	0.030	U	mg/kg dry	1	0.030	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	0.043	U	mg/kg dry	1	0.043	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
Butylbenzylphthalate [85-68-7] ^	0.049	U	mg/kg dry	1	0.049	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
Chrysene [218-01-9] ^	0.037	U	mg/kg dry	1	0.037	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.063	U	mg/kg dry	1	0.063	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
Dibenzofuran [132-64-9] ^	0.033	U	mg/kg dry	1	0.033	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
Diethylphthalate [84-66-2] ^	0.035	U	mg/kg dry	1	0.035	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
Dimethylphthalate [131-11-3] ^	0.041	U	mg/kg dry	1	0.041	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
Di-n-butylphthalate [84-74-2] ^	0.051	U	mg/kg dry	1	0.051	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
Di-n-octylphthalate [117-84-0] ^	0.041	U	mg/kg dry	1	0.041	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	

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Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-07
Sampled: 03/08/11 14:38
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Received: 03/09/11 12:50
Work Order: C102841
% Solids: 81.0

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	0.044	U	mg/kg dry	1	0.044	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
Fluorene [86-73-7] ^	0.036	U	mg/kg dry	1	0.036	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
Hexachlorobenzene [118-74-1] ^	0.032	U	mg/kg dry	1	0.032	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
Hexachlorobutadiene [87-68-3] ^	0.032	U	mg/kg dry	1	0.032	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	0.048	U	mg/kg dry	1	0.048	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	QV-01
Hexachloroethane [67-72-1] ^	0.026	U	mg/kg dry	1	0.026	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.058	U	mg/kg dry	1	0.058	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
Isophorone [78-59-1] ^	0.037	U	mg/kg dry	1	0.037	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
Naphthalene [91-20-3] ^	0.035	U	mg/kg dry	1	0.035	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
Nitrobenzene [98-95-3] ^	0.032	U	mg/kg dry	1	0.032	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
N-Nitrosodimethylamine [62-75-9] ^	0.026	U	mg/kg dry	1	0.026	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	0.10	U	mg/kg dry	1	0.10	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	0.067	U	mg/kg dry	1	0.067	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
Pentachlorophenol [87-86-5]	0.041	U	mg/kg dry	1	0.041	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	QV-01
Phenanthrene [85-01-8] ^	0.033	U	mg/kg dry	1	0.033	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
Phenol [108-95-2] ^	0.027	U	mg/kg dry	1	0.027	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
Pyrene [129-00-0] ^	0.047	U	mg/kg dry	1	0.047	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	
Pyridine [110-86-1] ^	0.10	U	mg/kg dry	1	0.10	0.41	1C18035	EPA 8270D	03/24/11 00:19	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*3.9*	*1*	*4.11*	*96 %*	*28-130*	*1C18035*	*EPA 8270D*	*03/24/11 00:19*	*DFM*	
2-Fluorobiphenyl	*1.7*	*1*	*2.06*	*84 %*	*56-120*	*1C18035*	*EPA 8270D*	*03/24/11 00:19*	*DFM*	
2-Fluorophenol	*2.9*	*1*	*4.11*	*70 %*	*49-126*	*1C18035*	*EPA 8270D*	*03/24/11 00:19*	*DFM*	
Nitrobenzene-d5	*1.6*	*1*	*2.06*	*80 %*	*50-117*	*1C18035*	*EPA 8270D*	*03/24/11 00:19*	*DFM*	
Phenol-d5	*3.3*	*1*	*4.11*	*80 %*	*56-120*	*1C18035*	*EPA 8270D*	*03/24/11 00:19*	*DFM*	
Terphenyl-d14	*1.7*	*1*	*2.06*	*84 %*	*36-151*	*1C18035*	*EPA 8270D*	*03/24/11 00:19*	*DFM*	

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Description: SP-11 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-07
Sampled: 03/08/11 14:38
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 81.0

Organochlorine Pesticides by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
4,4'-DDD [72-54-8] ^	0.00039	U	mg/kg dry	1	0.00039	0.0021	1C11001	EPA 8081B	03/17/11 20:11	MSZ	
4,4'-DDE [72-55-9] ^	0.00051	U	mg/kg dry	1	0.00051	0.0021	1C11001	EPA 8081B	03/17/11 20:11	MSZ	
4,4'-DDT [50-29-3] ^	0.00064	U	mg/kg dry	1	0.00064	0.0021	1C11001	EPA 8081B	03/17/11 20:11	MSZ	
Aldrin [309-00-2] ^	0.00044	U	mg/kg dry	1	0.00044	0.0021	1C11001	EPA 8081B	03/17/11 20:11	MSZ	
alpha-BHC [319-84-6] ^	0.00060	U	mg/kg dry	1	0.00060	0.0021	1C11001	EPA 8081B	03/17/11 20:11	MSZ	
beta-BHC [319-85-7] ^	0.00088	U	mg/kg dry	1	0.00088	0.0021	1C11001	EPA 8081B	03/17/11 20:11	MSZ	
Chlordane (tech) [12789-03-6] ^	0.0014	U	mg/kg dry	1	0.0014	0.041	1C11001	EPA 8081B	03/17/11 20:11	MSZ	
Chlordane-alpha [5103-71-9] ^	0.00057	U	mg/kg dry	1	0.00057	0.0021	1C11001	EPA 8081B	03/17/11 20:11	MSZ	
Chlordane-gamma [5566-34-7] ^	0.00074	U	mg/kg dry	1	0.00074	0.0021	1C11001	EPA 8081B	03/17/11 20:11	MSZ	
delta-BHC [319-86-8] ^	0.00037	U	mg/kg dry	1	0.00037	0.0021	1C11001	EPA 8081B	03/17/11 20:11	MSZ	
Dieldrin [60-57-1] ^	0.00039	U	mg/kg dry	1	0.00039	0.0021	1C11001	EPA 8081B	03/17/11 20:11	MSZ	
Endosulfan I [959-98-8] ^	0.00051	U	mg/kg dry	1	0.00051	0.0021	1C11001	EPA 8081B	03/17/11 20:11	MSZ	
Endosulfan II [33213-65-9] ^	0.00048	U	mg/kg dry	1	0.00048	0.0021	1C11001	EPA 8081B	03/17/11 20:11	MSZ	
Endosulfan sulfate [1031-07-8] ^	0.00059	U	mg/kg dry	1	0.00059	0.0021	1C11001	EPA 8081B	03/17/11 20:11	MSZ	
Endrin [72-20-8] ^	0.00048	U	mg/kg dry	1	0.00048	0.0021	1C11001	EPA 8081B	03/17/11 20:11	MSZ	
Endrin aldehyde [7421-93-4] ^	0.00042	U	mg/kg dry	1	0.00042	0.0021	1C11001	EPA 8081B	03/17/11 20:11	MSZ	
Endrin ketone [53494-70-5] ^	0.00037	U	mg/kg dry	1	0.00037	0.0021	1C11001	EPA 8081B	03/17/11 20:11	MSZ	
gamma-BHC [58-89-9] ^	0.00052	U	mg/kg dry	1	0.00052	0.0021	1C11001	EPA 8081B	03/17/11 20:11	MSZ	
Heptachlor [76-44-8] ^	0.00057	U	mg/kg dry	1	0.00057	0.0021	1C11001	EPA 8081B	03/17/11 20:11	MSZ	
Heptachlor epoxide [1024-57-3] ^	0.00053	U	mg/kg dry	1	0.00053	0.0021	1C11001	EPA 8081B	03/17/11 20:11	MSZ	
Isodrin [465-73-6] ^	0.00044	U	mg/kg dry	1	0.00044	0.0021	1C11001	EPA 8081B	03/17/11 20:11	MSZ	
Methoxychlor [72-43-5] ^	0.00052	U	mg/kg dry	1	0.00052	0.0021	1C11001	EPA 8081B	03/17/11 20:11	MSZ	
Mirex [2385-85-5] ^	0.00069	U	mg/kg dry	1	0.00069	0.0021	1C11001	EPA 8081B	03/17/11 20:11	MSZ	
Toxaphene [8001-35-2] ^	0.012	U	mg/kg dry	1	0.012	0.021	1C11001	EPA 8081B	03/17/11 20:11	MSZ	

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Description: SP-11 SSW	**Lab Sample ID:** C102841-07	**Received:** 03/09/11 12:50
Matrix: Soil	**Sampled:** 03/08/11 14:38	**Work Order:** C102841
Project: Point Harbour Site	**Sampled By:** Michael Sabodish	**% Solids:** 81.0

Polychlorinated Biphenyls by GC

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
PCB-1016/1242 [12674-11-2/53469-21-9] ^	0.0094	U	mg/kg dry	1	0.0094	0.021	1C11002	EPA 8082A	03/17/11 20:11	MSZ	
PCB-1221 [11104-28-2] ^	0.0064	U	mg/kg dry	1	0.0064	0.021	1C11002	EPA 8082A	03/17/11 20:11	MSZ	
PCB-1232 [11141-16-5] ^	0.0064	U	mg/kg dry	1	0.0064	0.021	1C11002	EPA 8082A	03/17/11 20:11	MSZ	
PCB-1248 [12672-29-6] ^	0.0064	U	mg/kg dry	1	0.0064	0.021	1C11002	EPA 8082A	03/17/11 20:11	MSZ	
PCB-1254 [11097-69-1] ^	0.0064	U	mg/kg dry	1	0.0064	0.021	1C11002	EPA 8082A	03/17/11 20:11	MSZ	
PCB-1260 [11096-82-5] ^	0.0051	U	mg/kg dry	1	0.0051	0.021	1C11002	EPA 8082A	03/17/11 20:11	MSZ	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,5,6-TCMX	*0.045*	*1*	*0.0411*	*110 %*	*44-168*	*1C11002*	*EPA 8082A*	*03/17/11 20:11*	*MSZ*	
Decachlorobiphenyl	*0.045*	*1*	*0.0411*	*110 %*	*51-154*	*1C11002*	*EPA 8082A*	*03/17/11 20:11*	*MSZ*	

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Description: SP-11 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-07
Sampled: 03/08/11 14:38
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 81.0

Metals by EPA 6000/7000 Series Methods

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Chromium [7440-47-3] ^	**6.21**		mg/kg dry	1	0.123	0.617	1C10015	EPA 6010C	03/11/11 11:33	JDH	
Lead [7439-92-1] ^	**16.5**		mg/kg dry	1	0.148	0.617	1C10015	EPA 6010C	03/11/11 11:33	JDH	

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Description: SP-11 SSW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-07
Sampled: 03/08/11 14:38
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 81.0

Classical Chemistry Parameters

^ - ENCO Jacksonville certified analyte [NC 442]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Oil & Grease (HEM) [C-0007] ^	**141**		mg/kg dry	1	61.7	61.7	1C17007	EPA 9071B	03/22/11 11:48	MJF	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: SP-11 ESW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-08
Sampled: 03/08/11 14:38
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 82.7

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
1,1,1-Trichloroethane [71-55-6] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.00021	U	mg/kg dry	1	0.00021	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
1,1,2-Trichloroethane [79-00-5] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
1,1-Dichloroethane [75-34-3] ^	0.00027	U	mg/kg dry	1	0.00027	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
1,1-Dichloroethene [75-35-4] ^	0.00032	U	mg/kg dry	1	0.00032	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
1,1-Dichloropropene [563-58-6] ^	0.00034	U	mg/kg dry	1	0.00034	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	0.00023	U	mg/kg dry	1	0.00023	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
1,2,3-Trichloropropane [96-18-4] ^	0.00037	U	mg/kg dry	1	0.00037	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	0.00029	U	mg/kg dry	1	0.00029	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.00085	U	mg/kg dry	1	0.00085	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
1,2-Dibromoethane [106-93-4] ^	0.00049	U	mg/kg dry	1	0.00049	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
1,2-Dichlorobenzene [95-50-1] ^	0.00029	U	mg/kg dry	1	0.00029	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
1,2-Dichloroethane [107-06-2] ^	0.00041	U	mg/kg dry	1	0.00041	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
1,2-Dichloropropane [78-87-5] ^	0.00028	U	mg/kg dry	1	0.00028	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	0.00021	U	mg/kg dry	1	0.00021	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
1,3-Dichlorobenzene [541-73-1] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
1,3-Dichloropropane [142-28-9] ^	0.00031	U	mg/kg dry	1	0.00031	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
1,4-Dichlorobenzene [106-46-7] ^	0.00021	U	mg/kg dry	1	0.00021	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
2,2-Dichloropropane [594-20-7] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
2-Butanone [78-93-3] ^	0.00084	U	mg/kg dry	1	0.00084	0.0054	1C14027	EPA 8260B	03/15/11 03:08	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.00053	U	mg/kg dry	1	0.00053	0.0054	1C14027	EPA 8260B	03/15/11 03:08	JKG	
2-Chlorotoluene [95-49-8] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
2-Hexanone [591-78-6] ^	0.00081	U	mg/kg dry	1	0.00081	0.0054	1C14027	EPA 8260B	03/15/11 03:08	JKG	
4-Chlorotoluene [106-43-4] ^	0.00028	U	mg/kg dry	1	0.00028	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
4-Isopropyltoluene [99-87-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
4-Methyl-2-pentanone [108-10-1] ^	0.00061	U	mg/kg dry	1	0.00061	0.0054	1C14027	EPA 8260B	03/15/11 03:08	JKG	
Acetone [67-64-1] ^	0.0013	U	mg/kg dry	1	0.0013	0.0054	1C14027	EPA 8260B	03/15/11 03:08	JKG	
Benzene [71-43-2] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
Bromobenzene [108-86-1] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
Bromochloromethane [74-97-5] ^	0.00044	U	mg/kg dry	1	0.00044	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
Bromodichloromethane [75-27-4] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
Bromoform [75-25-2] ^	0.00048	U	mg/kg dry	1	0.00048	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
Bromomethane [74-83-9] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
Carbon disulfide [75-15-0] ^	0.00042	U	mg/kg dry	1	0.00042	0.0054	1C14027	EPA 8260B	03/15/11 03:08	JKG	
Carbon Tetrachloride [56-23-5] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
Chlorobenzene [108-90-7] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
Chloroethane [75-00-3] ^	0.00027	U	mg/kg dry	1	0.00027	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
Chloroform [67-66-3] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
Chloromethane [74-87-3] ^	0.00016	U	mg/kg dry	1	0.00016	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	0.00025	U	mg/kg dry	1	0.00025	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	0.00014	U	mg/kg dry	1	0.00014	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
Dibromochloromethane [124-48-1] ^	0.00038	U	mg/kg dry	1	0.00038	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
Dibromomethane [74-95-3] ^	0.00033	U	mg/kg dry	1	0.00033	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
Dichlorodifluoromethane [75-71-8] ^	0.00048	U	mg/kg dry	1	0.00048	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
Ethylbenzene [100-41-4] ^	0.00021	U	mg/kg dry	1	0.00021	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
Hexachlorobutadiene [87-68-3] ^	0.00038	U	mg/kg dry	1	0.00038	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
Isopropylbenzene [98-82-8] ^	0.00016	U	mg/kg dry	1	0.00016	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	0.00040	U	mg/kg dry	1	0.00040	0.0021	1C14027	EPA 8260B	03/15/11 03:08	JKG	
Methylene Chloride [75-09-2] ^	**0.0019**	J	mg/kg dry	1	0.00060	0.0021	1C14027	EPA 8260B	03/15/11 03:08	JKG	

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Description: SP-11 ESW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-08
Sampled: 03/08/11 14:38
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 82.7

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	0.00032	U	mg/kg dry	1	0.00032	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
Naphthalene [91-20-3] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
n-Butyl Benzene [104-51-8] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
n-Propyl Benzene [103-65-1] ^	0.00019	U	mg/kg dry	1	0.00019	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
o-Xylene [95-47-6] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
sec-Butylbenzene [135-98-8] ^	0.00024	U	mg/kg dry	1	0.00024	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
Styrene [100-42-5] ^	0.00018	U	mg/kg dry	1	0.00018	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
tert-Butylbenzene [98-06-6] ^	0.00017	U	mg/kg dry	1	0.00017	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
Tetrachloroethene [127-18-4] ^	0.00030	U	mg/kg dry	1	0.00030	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
Toluene [108-88-3] ^	0.00021	U	mg/kg dry	1	0.00021	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	0.00040	U	mg/kg dry	1	0.00040	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	0.00042	U	mg/kg dry	1	0.00042	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
Trichloroethene [79-01-6] ^	0.00029	U	mg/kg dry	1	0.00029	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
Trichlorofluoromethane [75-69-4] ^	0.00028	U	mg/kg dry	1	0.00028	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
Vinyl chloride [75-01-4] ^	0.00026	U	mg/kg dry	1	0.00026	0.0011	1C14027	EPA 8260B	03/15/11 03:08	JKG	
Xylenes (Total) [1330-20-7] ^	0.00060	U	mg/kg dry	1	0.00060	0.0032	1C14027	EPA 8260B	03/15/11 03:08	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*46*	*1*	*50.0*	*92 %*	*61-118*	*1C14027*	*EPA 8260B*	*03/15/11 03:08*	*JKG*	
Dibromofluoromethane	*46*	*1*	*50.0*	*92 %*	*66-114*	*1C14027*	*EPA 8260B*	*03/15/11 03:08*	*JKG*	
Toluene-d8	*48*	*1*	*50.0*	*96 %*	*63-118*	*1C14027*	*EPA 8260B*	*03/15/11 03:08*	*JKG*	

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Description: SP-11 ESW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-08
Sampled: 03/08/11 14:38
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 82.7

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,2,4-Trichlorobenzene [120-82-1] ^	0.031	U	mg/kg dry	1	0.031	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
1,2-Dichlorobenzene [95-50-1] ^	0.028	U	mg/kg dry	1	0.028	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
1,3-Dichlorobenzene [541-73-1] ^	0.024	U	mg/kg dry	1	0.024	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
1,4-Dichlorobenzene [106-46-7] ^	0.025	U	mg/kg dry	1	0.025	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
1-Methylnaphthalene [90-12-0] ^	0.033	U	mg/kg dry	1	0.033	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
2,4,5-Trichlorophenol [95-95-4] ^	0.033	U	mg/kg dry	1	0.033	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
2,4,6-Trichlorophenol [88-06-2] ^	0.033	U	mg/kg dry	1	0.033	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
2,4-Dichlorophenol [120-83-2] ^	0.029	U	mg/kg dry	1	0.029	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
2,4-Dimethylphenol [105-67-9] ^	0.052	U	mg/kg dry	1	0.052	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
2,4-Dinitrophenol [51-28-5] ^	0.052	U	mg/kg dry	1	0.052	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
2,4-Dinitrotoluene [121-14-2] ^	0.034	U	mg/kg dry	1	0.034	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
2,6-Dinitrotoluene [606-20-2] ^	0.037	U	mg/kg dry	1	0.037	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
2-Chloronaphthalene [91-58-7] ^	0.034	U	mg/kg dry	1	0.034	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
2-Chlorophenol [95-57-8] ^	0.030	U	mg/kg dry	1	0.030	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	0.040	U	mg/kg dry	1	0.040	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	QV-01
2-Methylnaphthalene [91-57-6] ^	0.034	U	mg/kg dry	1	0.034	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
2-Methylphenol [95-48-7] ^	0.030	U	mg/kg dry	1	0.030	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
2-Nitroaniline [88-74-4] ^	0.036	U	mg/kg dry	1	0.036	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
2-Nitrophenol [88-75-5] ^	0.037	U	mg/kg dry	1	0.037	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
3 & 4-Methylphenol [108-39-4/106-44-5] ^	0.031	U	mg/kg dry	1	0.031	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
3,3'-Dichlorobenzidine [91-94-1] ^	0.12	U	mg/kg dry	1	0.12	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
3-Nitroaniline [99-09-2] ^	0.044	U	mg/kg dry	1	0.044	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
4-Bromophenyl-phenylether [101-55-3] ^	0.033	U	mg/kg dry	1	0.033	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
4-Chloro-3-methylphenol [59-50-7] ^	0.040	U	mg/kg dry	1	0.040	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
4-Chloroaniline [106-47-8] ^	0.11	U	mg/kg dry	1	0.11	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
4-Chlorophenyl-phenylether [7005-72-3] ^	0.031	U	mg/kg dry	1	0.031	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
4-Nitroaniline [100-01-6] ^	0.064	U	mg/kg dry	1	0.064	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
4-Nitrophenol [100-02-7]	0.037	U	mg/kg dry	1	0.037	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
Acenaphthene [83-32-9] ^	0.034	U	mg/kg dry	1	0.034	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
Acenaphthylene [208-96-8] ^	0.034	U	mg/kg dry	1	0.034	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
Anthracene [120-12-7] ^	0.046	U	mg/kg dry	1	0.046	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
Benzidine [92-87-5] ^	0.13	U	mg/kg dry	1	0.13	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
Benzo(a)anthracene [56-55-3] ^	0.034	U	mg/kg dry	1	0.034	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
Benzo(a)pyrene [50-32-8] ^	0.040	U	mg/kg dry	1	0.040	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
Benzo(b)fluoranthene [205-99-2] ^	0.022	U	mg/kg dry	1	0.022	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
Benzo(g,h,i)perylene [191-24-2] ^	0.057	U	mg/kg dry	1	0.057	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
Benzo(k)fluoranthene [207-08-9] ^	0.040	U	mg/kg dry	1	0.040	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
Benzoic acid [65-85-0] ^	0.18	U	mg/kg dry	1	0.18	2.1	1C18035	EPA 8270D	03/24/11 00:45	DFM	QV-01
Benzyl alcohol [100-51-6] ^	0.028	U	mg/kg dry	1	0.028	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
Bis(2-chloroethoxy)methane [111-91-1] ^	0.030	U	mg/kg dry	1	0.030	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
Bis(2-chloroethyl)ether [111-44-4] ^	0.052	U	mg/kg dry	1	0.052	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
Bis(2-chloroisopropyl)ether [108-60-1] ^	0.029	U	mg/kg dry	1	0.029	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	0.042	U	mg/kg dry	1	0.042	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
Butylbenzylphthalate [85-68-7] ^	0.048	U	mg/kg dry	1	0.048	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
Chrysene [218-01-9] ^	0.036	U	mg/kg dry	1	0.036	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
Dibenzo(a,h)anthracene [53-70-3] ^	0.062	U	mg/kg dry	1	0.062	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
Dibenzofuran [132-64-9] ^	0.033	U	mg/kg dry	1	0.033	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
Diethylphthalate [84-66-2] ^	0.034	U	mg/kg dry	1	0.034	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
Dimethylphthalate [131-11-3] ^	0.040	U	mg/kg dry	1	0.040	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
Di-n-butylphthalate [84-74-2] ^	0.050	U	mg/kg dry	1	0.050	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
Di-n-octylphthalate [117-84-0] ^	0.040	U	mg/kg dry	1	0.040	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	

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Description: SP-11 ESW
Matrix: Soil
Project: Point Harbour Site

Lab Sample ID: C102841-08
Sampled: 03/08/11 14:38
Sampled By: Michael Sabodish

Received: 03/09/11 12:50
Work Order: C102841
% Solids: 82.7

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Fluoranthene [206-44-0] ^	0.044	U	mg/kg dry	1	0.044	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
Fluorene [86-73-7] ^	0.035	U	mg/kg dry	1	0.035	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
Hexachlorobenzene [118-74-1] ^	0.031	U	mg/kg dry	1	0.031	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
Hexachlorobutadiene [87-68-3] ^	0.031	U	mg/kg dry	1	0.031	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
Hexachlorocyclopentadiene [77-47-4] ^	0.047	U	mg/kg dry	1	0.047	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	QV-01
Hexachloroethane [67-72-1] ^	0.025	U	mg/kg dry	1	0.025	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	0.057	U	mg/kg dry	1	0.057	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
Isophorone [78-59-1] ^	0.036	U	mg/kg dry	1	0.036	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
Naphthalene [91-20-3] ^	0.034	U	mg/kg dry	1	0.034	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
Nitrobenzene [98-95-3] ^	0.031	U	mg/kg dry	1	0.031	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
N-Nitrosodimethylamine [62-75-9] ^	0.025	U	mg/kg dry	1	0.025	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
N-Nitroso-di-n-propylamine [621-64-7] ^	0.098	U	mg/kg dry	1	0.098	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
N-nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4] ^	0.065	U	mg/kg dry	1	0.065	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
Pentachlorophenol [87-86-5]	0.040	U	mg/kg dry	1	0.040	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	QV-01
Phenanthrene [85-01-8] ^	0.033	U	mg/kg dry	1	0.033	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
Phenol [108-95-2] ^	0.027	U	mg/kg dry	1	0.027	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
Pyrene [129-00-0] ^	0.046	U	mg/kg dry	1	0.046	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	
Pyridine [110-86-1] ^	0.099	U	mg/kg dry	1	0.099	0.40	1C18035	EPA 8270D	03/24/11 00:45	DFM	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
2,4,6-Tribromophenol	*3.8*	*1*	*4.03*	*94 %*	*28-130*	*1C18035*	*EPA 8270D*	*03/24/11 00:45*	*DFM*	
2-Fluorobiphenyl	*1.7*	*1*	*2.02*	*84 %*	*56-120*	*1C18035*	*EPA 8270D*	*03/24/11 00:45*	*DFM*	
2-Fluorophenol	*2.8*	*1*	*4.03*	*68 %*	*49-126*	*1C18035*	*EPA 8270D*	*03/24/11 00:45*	*DFM*	
Nitrobenzene-d5	*1.6*	*1*	*2.02*	*78 %*	*50-117*	*1C18035*	*EPA 8270D*	*03/24/11 00:45*	*DFM*	
Phenol-d5	*3.2*	*1*	*4.03*	*79 %*	*56-120*	*1C18035*	*EPA 8270D*	*03/24/11 00:45*	*DFM*	
Terphenyl-d14	*1.7*	*1*	*2.02*	*83 %*	*36-151*	*1C18035*	*EPA 8270D*	*03/24/11 00:45*	*DFM*	