



**REPORT OF ENVIRONMENTAL SERVICES
MCON PROJECT P-670
TURBO SHAFT ENGINE TEST CELL FACILITY
NEW RIVER, ONSLOW COUNTY, NORTH CAROLINA**

ECS CAROLINAS, LLP PROJECT 22-14331A

**PREPARED FOR
STV INCORPORATED
DOUGLASSVILLE, PENNSYLVANIA**

SEPTEMBER 19, 2008



ECS CAROLINAS, LLP

Geotechnical • Construction Materials • Environmental • Facilities

September 19, 2008

Mr. Eric A. Roth, P.E.
STV Incorporated
205 West Welsh Drive
Douglassville, Pennsylvania 19518

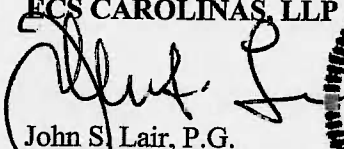
Reference: Report of Environmental Services
MCON Project P-670
Turbo Shaft Engine Test Cell Facility – Marine Corps Air Station
New River, Onslow County, North Carolina
ECS Project 22-11331A

Dear Mr. Roth:

ECS Carolinas, LLP (ECS) is pleased to provide you with the results of our Report of Environmental Services for the above referenced property. ECS' services were conducted in accordance with the services outlined in ECS Proposal 22-11720P dated August 1, 2008. ECS appreciates the opportunity to provide our services to you. If there are questions regarding this report, or a need for further information, please contact us at (704) 525-5152.

Respectfully submitted,

ECS CAROLINAS, LLP


John S. Lair, P.G.
Principal Geologist
NC Licensed Geologist # 2075




Amy C. Conchas, REM
Project Scientist

TABLE OF CONTENTS

1.	BACKGROUND INFORMATION.....	1
2.	FIELD ACTIVITIES	1
3.	LABORATORY ANALYSIS.....	2
4.	CONCLUSIONS AND RECOMMENDATIONS.....	3
5.	QUALIFICATIONS OF REPORT	3

FIGURES

Figure 1 - Site Location Map

Figure 2 - Site Map Showing Soil and Groundwater Sample Locations

TABLES

Table 1 - Summary of Soil Sampling Results

Table 2 - Summary of Groundwater Sampling Results

APPENDIX

Laboratory Data Sheets and Chain of Custody Record

1. BACKGROUND INFORMATION

The site is the proposed Turbo Shaft Engine Test Cell facility located at the Marine Corps Air Station in New River, Onslow County, North Carolina (**Figure 1**). As part of the development of the Turbo Shaft Engine Test Cell facility, ECS was contracted to conduct a petroleum hydrocarbon assessment of subsurface soil and groundwater for the site.

2. FIELD ACTIVITIES

Field activities completed during this phase of work consisted of the collection of ten (10) soil borings the installation and sampling five (5) temporary groundwater monitoring wells (SB-4, GP-2, GP-6, GP-7 and GP-8, **Figure 2**) at the site utilizing a Geoprobe®. The Geoprobe® subcontractor used for this project was Mid-Atlantic Drilling, Inc. (Mid-Atlantic) of Carolina Beach, North Carolina. Field activities were conducted on September 2, 2008 and observed by an ECS professional. The Geoprobe® consists of a hydraulic hammer drill mounted on an ATV (all terrain vehicle) and is capable of driving various forms of groundwater and soil sampling probes into the ground to depths equivalent to auger refusal.

Soil Assessment Activities

ECS observed the drilling of ten (10) soil borings (GP-1 through GP-9 and SB-4, **Figure 2**) at the site using a Geoprobe® drill rig. The soil borings were drilled to a depth of approximately 12 feet below the ground surface (bgs). Prior to initiating the first boring and between each subsequent boring, the Geoprobe® drill rig and associated downhole equipment were decontaminated with the use of a high-pressure steam cleaner. Soil samples were collected continuously in each boring from the ground surface to the boring termination depths. Each soil sample was collected by driving a 4-foot long, 1.5-inch sampling probe into the soil. The probe is lined with a disposable clear plastic tube, which was replaced for each 4-foot interval. After the probe is driven, the clear plastic tube filled with soil is removed from the probe. The clear plastic tube is then cut open to remove the soil.

A representative portion of the soil samples collected from each of the Geoprobe® soil sample tubes was transferred into a new, clean resealable bag (half full). The bag was placed in a warm location. Approximately ten minutes after the time of collection, the bag was opened slightly and the probe of a Foxboro TVA 1000A flame ionization detector (FID) was inserted. The meter of the FID was monitored and the reading recorded.

One soil sample was collected from each boring location for laboratory analysis. Upon completion, the borings were backfilled with soil cuttings and the holes patched. The soil samples were placed in laboratory prepared containers using a new pair of disposable nitrile gloves for each sample. Each container was labeled and placed in a cooler containing ice to maintain the samples at approximately 4° Celsius. The soil samples were then submitted to Environmental Conservation Laboratories, Inc. (ENCO) in Cary, North Carolina for chemical analysis. A chain of custody was maintained throughout the sample collection and transportation process and is included in the Appendix.

Groundwater Assessment Activities

Upon completion of soil sampling activities, temporary groundwater monitoring wells were installed in borings SB-4, GP-2, GP-6, GP-7 and GP-8 (**Figure 2**). The wells were constructed with 1-inch I.D. Schedule 40 PVC flushed-threaded casing and screen. The PVC screen and casing were lowered to the bottom of the borehole. A 5 or 10-foot length of slotted well screen with machined 0.010-inch slot widths and threaded bottom plug was installed at the bottom of each well. A solid section of PVC casing was placed above the screened interval and extended to the ground surface.

Prior to sampling, the temporary wells were purged by removing at least five well volumes or until dryness twice. After the purging was completed, groundwater samples were collected from the wells. Purging and sampling was accomplished using a peristaltic pump and a length of disposable polyethylene tubing dedicated to each well. Immediately after collection, the groundwater samples were transferred into sample containers provided by the laboratory. ECS personnel wore a new pair of disposable nitrile gloves during the purging and sampling of each monitoring well.

The groundwater samples were placed in laboratory prepared containers using a new pair of disposable nitrile gloves for each sample. Each container was labeled and placed in a cooler containing ice to maintain the samples at approximately 4° Celsius. The soil samples were then submitted to ENCO in Cary, North Carolina for chemical analysis. A chain of custody was maintained throughout the sample collection and transportation process and is included in the Appendix.

Groundwater Flow Direction Determination

The relative elevation of the top of well casing from temporary wells SB-4, GP-2, GP-6 and GP-7 was measured to the nearest 0.01 feet using a level and rod. The elevations were measured relative to an arbitrary benchmark that was assigned an elevation of 100 feet. The relative elevation of the top of casing for each well and the measurement of the depth to groundwater surface from the top of the well casing were used to determine the relative elevation of groundwater at each well location. However, due to slow groundwater recharge in temporary wells GP-6 and GP-8, accurate depth to groundwater could not be collected during the course of the field activities and therefore, the groundwater flow direction was not determined during this assessment.

3. LABORATORY ANALYSIS

Soil Sample Results

The soil samples were submitted to ENCO to be analyzed for total petroleum hydrocarbons gasoline range organics and diesel range organics (TPH-GRO and TPH-DRO) using EPA Methods 8015/5035 and 8015/3550, respectively. Laboratory analysis of each soil sample detected TPH-GRO and TPH-DRO at concentrations that exceed laboratory method detection limits with the concentration of TPH-GRO in soil sample GP-2 and concentrations of TPH-DRO in soil samples GP-2 and SB-4 detected above North Carolina action levels. A summary of the laboratory analytical results is included in Table 1. The laboratory data sheets are included in the Appendix.

Groundwater Sample Results

The groundwater samples were submitted to ENCO to be analyzed for volatile organic compounds (VOCs) using EPA Method 8260 and semi-volatile organic compounds (SVOCs) using EPA Method 8270C. Laboratory analysis of groundwater sample SB-4 detected several petroleum related VOCs and SVOCs above laboratory method detection limits with the compound naphthalene detected at concentrations that exceed North Carolina 2L groundwater standards (NC2LGWS). Laboratory analysis of groundwater sample GP-2 detected several petroleum related VOCs and SVOCs above laboratory method detection limits with the compound 2-Methylnaphthalene detected at concentrations that exceed NC2LGWS. Laboratory analysis of groundwater sample GP-7 detected several petroleum related SVOCs above laboratory method detection limits with the compounds benzo(a)pyrene, benzo(b)fluoranthene, benzo(a,h)anthracene and indeno(1,2,3-cd)pyrene detected at concentrations that exceed NC2LGWS. A summary of the laboratory analytical results is included in Table 2. The laboratory data sheets are included in the Appendix.

4. CONCLUSIONS AND RECOMMENDATIONS

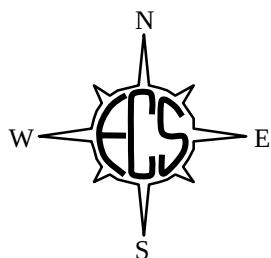
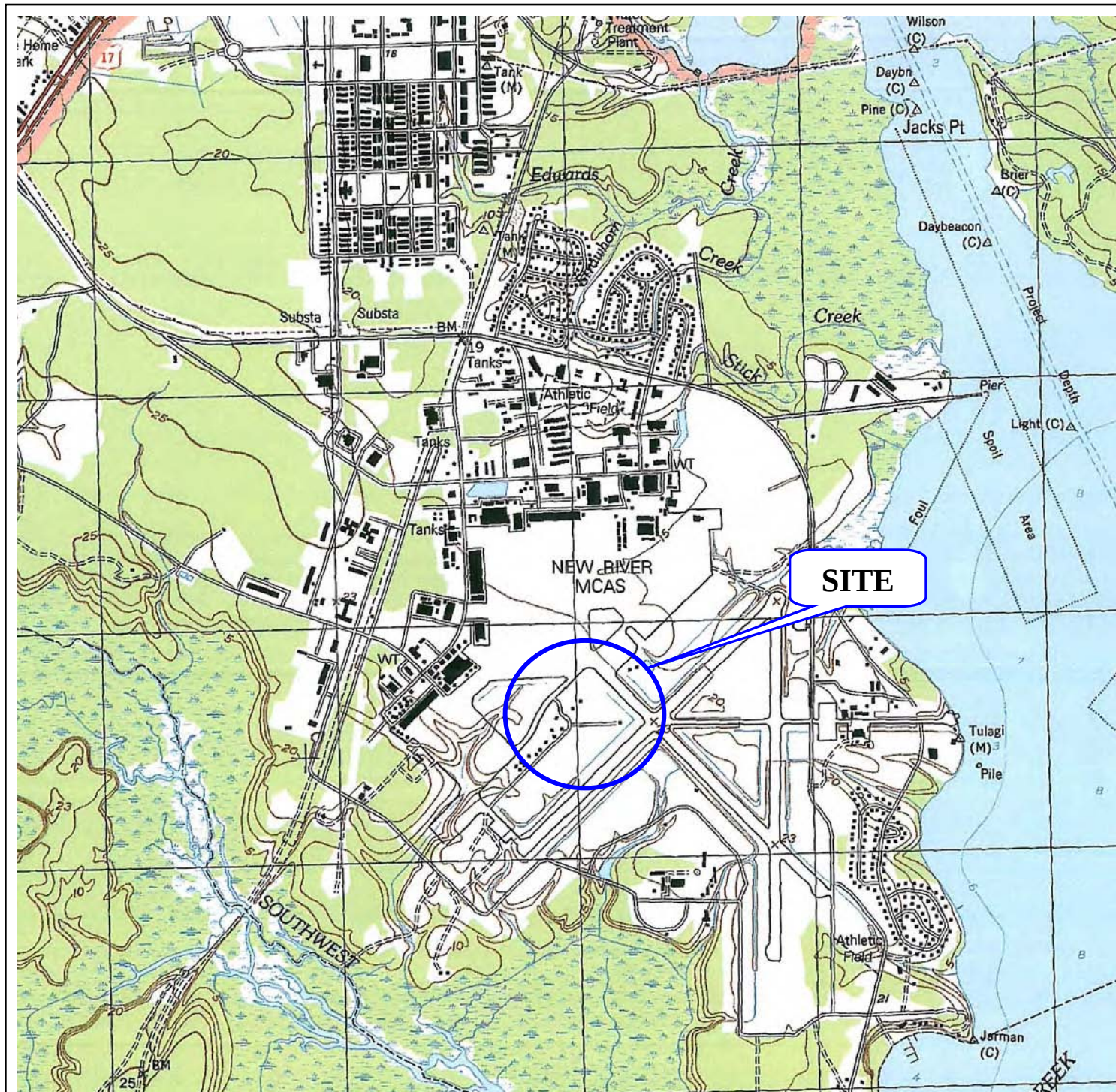
Based on the results of soil and groundwater samples collected during this assessment, soil and groundwater beneath the site has been impacted by petroleum at concentrations that exceed North Carolina regulatory standards. Since concentrations exceed North Carolina regulatory standards, ECS recommends that the local Department of Defense contact be notified to determine if reporting the release to the North Carolina Department of Environment and Natural Resources (NCDENR) is required.

The source of the petroleum impact is not known. ECS recommends additional assessment in an effort to identify the source(s) of the petroleum impact and to further define the horizontal and vertical extent of petroleum impacted soil and groundwater beneath the site.

5. QUALIFICATIONS OF REPORT

The activities and evaluative approaches used in this assessment are consistent with those normally employed in environmental assessment projects of this type. Our evaluation of site conditions has been based on our understanding of the site project information and the data obtained during our field activities.

FIGURES



Approximate Site Location

SCALE (IN FEET)

1000

2000



2000

0

SOURCE:

United States Geological Survey 7.5- Minute Series
Topographic Maps:
Jacksonville South, , North Carolina

Scale: 1"=2,000'



FIGURE 1

SITE LOCATION MAP

MCON Project P-670
Turbo Shaft Engine Test Cell Facility
Marine Corps Air Station
New River, Onslow County, North Carolina
ECS PROJECT NO. 22-14331A

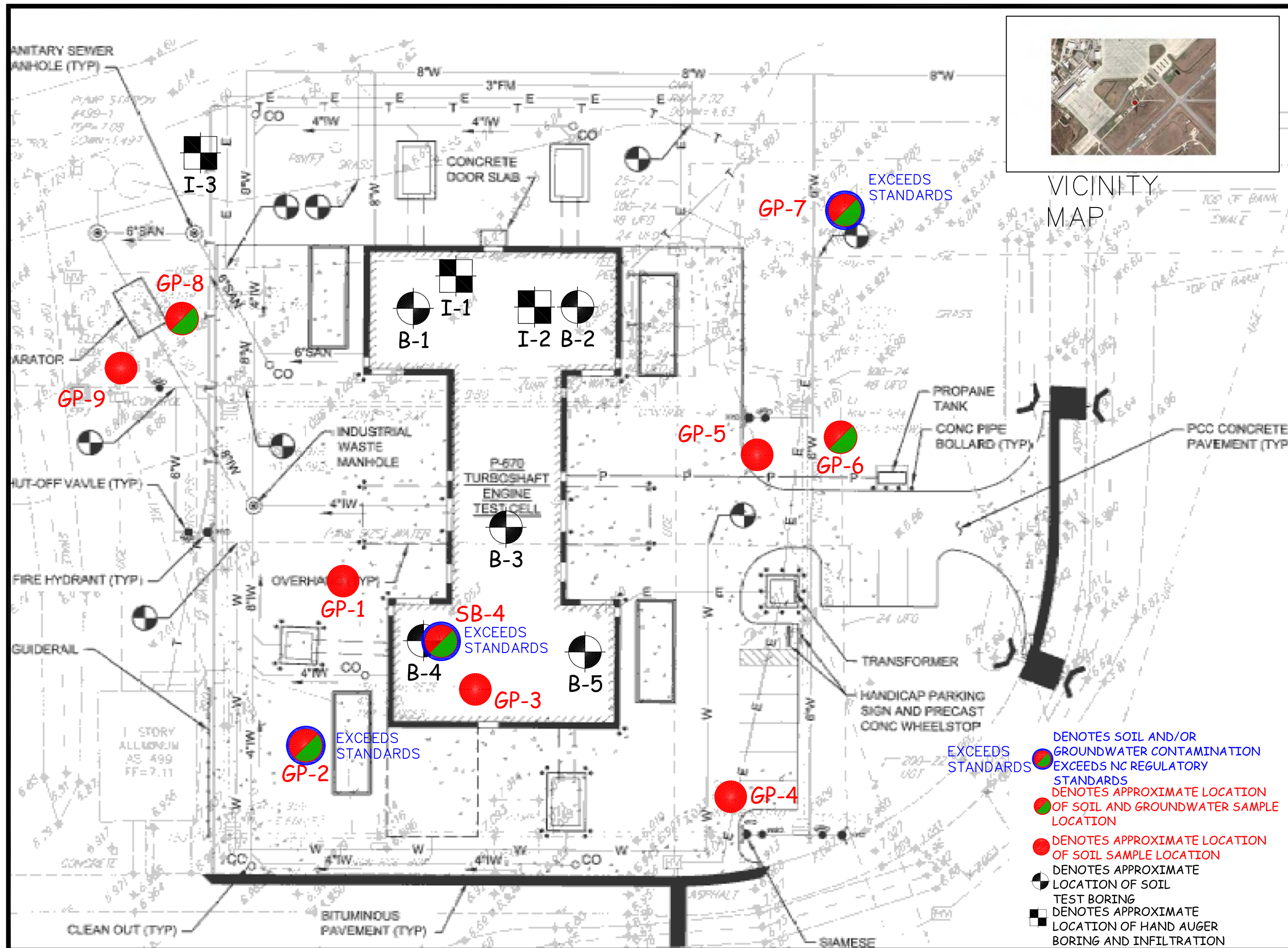


FIGURE 2

SITE MAP SHOWING SOIL AND GROUNDWATER SAMPLE LOCATIONS

MCON PROJECT P-670
TURBO SHAFT ENGINE TEST CELL FACILITY
MCAS NEW RIVER, NORTH CAROLINA
PROJECT NO. 22-14331A

DRAWN BY/DATE
WEG/9-16-08
CHECKED BY/DATE

FILENAME: SITEMAP

TABLES

TABLE 1
SUMMARY OF SOIL SAMPLING RESULTS

Project Name: MCON Project P-670 Site Location: Turbo Shaft Engine Test Cell Facility ECS Project Number: 22-14331A				
Analytical Method			8015/5035	8015/3550
Contaminant of Concern			TPH-GRO (mg/kg)	TPH-DRO (mg/kg)
Sample ID	Date Collected	Sample Depth (feet)		
GP-1	09/02/2008	3.0-4.0	1.6	1.78
GP-2	09/02/2008	2.0-3.0	61	6,520
SB-4	09/02/2008	1.0-2.0	8.6	159
GP-3	09/02/2008	3.0-4.0	1.5	2.06
GP-4	09/02/2008	4.0-5.0	1.5	3.14
GP-5	09/02/2008	2.0-3.0	1.7	10.6
GP-6	09/02/2008	1.0-2.0	1.6	1.51
GP-7	09/02/2008	5.0-6.0	1.3	1.26
GP-8	09/02/2008	4.0-5.0	1.3	3.48
GP-9	09/02/2008	4.0-5.0	1.2	2.97
North Carolina Action Level (mg/kg)			10	40
 = Concentration exceeds the North Carolina Action Level TPH-GRO = Total Petroleum Hydrocarbons Gasoline Range Organics TPH-DRO = Total Petroleum Hydrocarbons Diesel Range Organics mg/kg = milligram per kilogram = parts per million (ppm)				

TABLE 2
SUMMARY OF GROUNDWATER SAMPLING RESULTS

Project Name: MCON Project P-670 Site Location: Turbo Shaft Engine Test Cell Facility ECS Project Number: 22-14331A																									
Analytical Method		8260	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260	8260	8270	8270	8270	8270	8270	8270	8270	8270	8270	8270	
Contaminant of Concern		Acetone	Chloroform	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	4-Isopropyltoluene	Ethylbenzene	Isopropylbenzene	Naphthalene	n-Butyl Benzene	n-Propyl Benzene	sec-Butylbenzene	tert-Butylbenzene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	2-Methyl-4,6-dinitriophenol	4-Nitrophenol	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Dibenzo(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Butylbenzylphthalate	Di-n-octylphthalate
Sample ID	Date Collected																								
SB-4	09/02/08	ND	ND	1.9	1.6	ND	0.74	1.3	30	5.2	1.8	5.4	0.61	9.6	11	14	ND	ND	ND	ND	ND	ND	ND	ND	ND
GP-2	09/02/08	ND	ND	22	ND	5.7	ND	ND	20	7.2	3.6	7.3	ND	16	17	14	ND	ND	ND	ND	ND	ND	ND	ND	ND
GP-6	09/02/08	14	0.55	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
GP-7	09/02/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.7	5.3	4.4	6.5	2.3	2.6	2.6	ND	ND
GP-8	09/02/08	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.8	4.4	
NC2LGWS (ug/L)		700	70	350	350	NS	550	70	21	70	70	70	70	NS	14	21	NS	NS	0.00479	0.0479	0.479	0.0047	0.047	NS	NS
= Concentration exceeds NC2LGWS NC2LGWS = North Carolina 2L Groundwater Standards ug/L = micrograms per liter = parts per billion (ppb) ND = Not detected above laboratory method detection limit NS = No Standard																									

APPENDIX

Environmental Conservation Laboratories, Inc.

102-A Woodwinds Industrial Court

Cary NC, 27511

Phone: 919.467.3090 FAX: 919.467.3515



www.encolabs.com

Wednesday, September 17, 2008

ECS - Wilmington (EA026)

Attn: Amy Conchas

7211 Ogden Business Park Suite 201

Wilmington, NC 28411

RE: Laboratory Results for

Project Number: 14331-A, Project Name/Desc: Test Cell Facility

ENCO Workorder: C809127

Dear Amy Conchas,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Thursday, September 4, 2008.

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,

A handwritten signature in black ink, appearing to read "Stephanie Franz", with a stylized flourish at the end.

Stephanie Franz

Project Manager

Enclosure(s)

PROJECT NARRATIVE

Date: 17 September 2008
Client: ECS- Wilmington
Project: Test Cell Facility
Lab ID: C809127

Overview

This report is an amendment to the original report dated 11 September 2008 for this work order. This report was revised to include the second page of the chain of custody.

Environmental Conservation Laboratories, Inc. (ENCO) analyzed all submitted samples in accordance with the methods referenced in the laboratory report. Any particular difficulties encountered during sample handling by ENCO are discussed in the QC Remarks section below.

Quality Control Samples

No Comments

Quality Control Remarks

No Comments

Other Comments

The analytical data presented in this report are consistent with the methods as referenced in the analytical report. Any exceptions or deviations are noted in the QC remarks section of this narrative or in the Flags/Notes and Definitions section of the report.

Released By:
Environmental Conservation Laboratories, Inc.

Stephanie Franz
Project Manager



www.encolabs.com

SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID:	GP1-3-4	Lab ID:	C809127-01	Sampled:	09/02/08 10:15	Received:	09/04/08 13:00
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Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 8015B	09/16/08		09/10/08	09:44	9/10/2008	16:21
EPA 8015Mod	09/16/08	10/15/08	09/05/08	11:46	9/9/2008	11:19

Client ID:	GP2-2-3	Lab ID:	C809127-02	Sampled:	09/02/08 10:56	Received:	09/04/08 13:00
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Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 8015B	09/16/08		09/10/08	09:44	9/10/2008	16:52
EPA 8015Mod	09/16/08	10/15/08	09/05/08	11:46	9/9/2008	14:04

Client ID:	SB4-1-2	Lab ID:	C809127-03	Sampled:	09/02/08 09:30	Received:	09/04/08 13:00
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Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 8015B	09/16/08		09/10/08	09:44	9/10/2008	17:23
EPA 8015Mod	09/16/08	10/15/08	09/05/08	11:46	9/9/2008	14:33

Client ID:	GP3-3-4	Lab ID:	C809127-04	Sampled:	09/02/08 11:15	Received:	09/04/08 13:00
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Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 8015B	09/16/08		09/10/08	09:44	9/10/2008	18:47
EPA 8015Mod	09/16/08	10/15/08	09/05/08	11:46	9/9/2008	15:01

Client ID:	GP4-4-5	Lab ID:	C809127-05	Sampled:	09/02/08 13:15	Received:	09/04/08 13:00
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Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 8015B	09/16/08		09/10/08	09:44	9/10/2008	19:27
EPA 8015Mod	09/16/08	10/15/08	09/05/08	11:46	9/9/2008	15:30

Client ID:	GP5-2-3	Lab ID:	C809127-06	Sampled:	09/02/08 13:35	Received:	09/04/08 13:00
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Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 8015B	09/16/08		09/10/08	09:44	9/10/2008	19:58
EPA 8015Mod	09/16/08	10/15/08	09/05/08	11:46	9/9/2008	15:59

Client ID:	GP6-1-2	Lab ID:	C809127-07	Sampled:	09/02/08 14:00	Received:	09/04/08 13:00
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Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)	
EPA 8015B	09/16/08		09/10/08	09:44	9/10/2008	20:29
EPA 8015Mod	09/16/08	10/15/08	09/05/08	11:46	9/9/2008	16:57



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Client ID:	GP7-5-6	Lab ID:	C809127-08	Sampled:	09/02/08 14:50	Received:	09/04/08 13:00
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Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)		
EPA 8015B	09/16/08		09/10/08 09:44		9/10/2008 21:01		
EPA 8015Mod	09/16/08	10/15/08	09/05/08 11:46		9/9/2008 17:26		

Client ID:	GP8-4-5	Lab ID:	C809127-09	Sampled:	09/02/08 15:55	Received:	09/04/08 13:00
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Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)		
EPA 8015B	09/16/08		09/10/08 09:44		9/10/2008 21:32		
EPA 8015Mod	09/16/08	10/15/08	09/05/08 11:46		9/9/2008 17:55		

Client ID:	GP9-4-5	Lab ID:	C809127-10	Sampled:	09/02/08 17:37	Received:	09/04/08 13:00
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Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)		
EPA 8015B	09/16/08		09/10/08 09:44		9/10/2008 22:03		
EPA 8015Mod	09/16/08	10/15/08	09/05/08 11:46		9/9/2008 18:24		

Client ID:	SB-4	Lab ID:	C809127-11	Sampled:	09/02/08 10:30	Received:	09/04/08 13:00
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Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)		
EPA 8270C	09/09/08	10/15/08	09/05/08 10:39		9/5/2008 17:12		

Client ID:	SB-4	Lab ID:	C809127-11RE1	Sampled:	09/02/08 10:30	Received:	09/04/08 13:00
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Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)		
EPA 8260B	09/16/08		09/06/08 12:34		9/6/2008 15:16		

Client ID:	GP-2	Lab ID:	C809127-12	Sampled:	09/02/08 12:45	Received:	09/04/08 13:00
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Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)		
EPA 8260B	09/16/08		09/05/08 13:26		9/6/2008 09:21		
EPA 8270C	09/09/08	10/15/08	09/05/08 10:39		9/5/2008 19:01		

Client ID:	GP-6	Lab ID:	C809127-13	Sampled:	09/02/08 15:50	Received:	09/04/08 13:00
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Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)		
EPA 8260B	09/16/08		09/05/08 13:26		9/6/2008 08:22		
EPA 8270C	09/09/08	10/15/08	09/05/08 10:39		9/5/2008 19:28		

Client ID:	Trip Blank	Lab ID:	C809127-14	Sampled:	09/02/08 09:30	Received:	09/04/08 13:00
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Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)		
EPA 8260B	09/16/08		09/06/08 12:34		9/6/2008 16:45		



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Client ID: GP-7		Lab ID: C809127-15		Sampled: 09/02/08 15:40		Received: 09/04/08 13:00	
Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)		
EPA 8260B	09/16/08		09/06/08 12:34		9/6/2008 17:44		
EPA 8270C	09/09/08	10/15/08	09/05/08	10:39	9/5/2008 19:54		

Client ID: GP-8		Lab ID: C809127-16		Sampled: 09/02/08 16:50		Received: 09/04/08 13:00	
Parameter	Hold Date/Time(s)		Prep Date/Time(s)		Analysis Date/Time(s)		
EPA 8260B	09/16/08		09/06/08 12:34		9/6/2008 18:14		
EPA 8270C	09/09/08	10/15/08	09/05/08	10:39	9/5/2008 20:21		

SAMPLE DETECTION SUMMARY

Client ID: GP1-3-4		Lab ID: C809127-01				
Analyte	Results	Flag	MRL	Units	Method	Notes
DRO (C10-C28)	1.78	J	3.81	mg/kg dry	EPA 8015Mod	
GRO (C6-C10)	1.6	JB	4.7	mg/kg dry	EPA 8015B	J-01
Client ID: GP2-2-3		Lab ID: C809127-02				
Analyte	Results	Flag	MRL	Units	Method	Notes
DRO (C10-C28)	6520	D	116	mg/kg dry	EPA 8015Mod	
GRO (C6-C10)	61	B	4.5	mg/kg dry	EPA 8015B	QB-01
Client ID: SB4-1-2		Lab ID: C809127-03				
Analyte	Results	Flag	MRL	Units	Method	Notes
DRO (C10-C28)	159		3.72	mg/kg dry	EPA 8015Mod	
GRO (C6-C10)	8.6	B	4.4	mg/kg dry	EPA 8015B	J-01
Client ID: GP3-3-4		Lab ID: C809127-04				
Analyte	Results	Flag	MRL	Units	Method	Notes
DRO (C10-C28)	2.06	J	3.84	mg/kg dry	EPA 8015Mod	
GRO (C6-C10)	1.5	JB	4.4	mg/kg dry	EPA 8015B	J-01
Client ID: GP4-4-5		Lab ID: C809127-05				
Analyte	Results	Flag	MRL	Units	Method	Notes
DRO (C10-C28)	3.14	J	3.90	mg/kg dry	EPA 8015Mod	
GRO (C6-C10)	1.5	JB	5.2	mg/kg dry	EPA 8015B	J-01
Client ID: GP5-2-3		Lab ID: C809127-06				
Analyte	Results	Flag	MRL	Units	Method	Notes
DRO (C10-C28)	10.6		3.79	mg/kg dry	EPA 8015Mod	
GRO (C6-C10)	1.7	JB	5.2	mg/kg dry	EPA 8015B	J-01
Client ID: GP6-1-2		Lab ID: C809127-07				
Analyte	Results	Flag	MRL	Units	Method	Notes
DRO (C10-C28)	1.51	J	3.91	mg/kg dry	EPA 8015Mod	
GRO (C6-C10)	1.6	JB	4.9	mg/kg dry	EPA 8015B	J-01
Client ID: GP7-5-6		Lab ID: C809127-08				
Analyte	Results	Flag	MRL	Units	Method	Notes
GRO (C6-C10)	1.3	JB	5.0	mg/kg dry	EPA 8015B	J-01
Client ID: GP8-4-5		Lab ID: C809127-09				
Analyte	Results	Flag	MRL	Units	Method	Notes
DRO (C10-C28)	3.48	J	3.95	mg/kg dry	EPA 8015Mod	
GRO (C6-C10)	1.3	JB	4.8	mg/kg dry	EPA 8015B	J-01
Client ID: GP9-4-5		Lab ID: C809127-10				
Analyte	Results	Flag	MRL	Units	Method	Notes
DRO (C10-C28)	2.97	J	3.88	mg/kg dry	EPA 8015Mod	
GRO (C6-C10)	1.2	JB	4.1	mg/kg dry	EPA 8015B	J-01

Client ID:	SB-4	Lab ID:	C809127-11
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Analyte	Results	Flag	MRL	Units	Method	Notes
1-Methylnaphthalene	9.6	J	10	ug/L	EPA 8270C	
2-Methylnaphthalene	11		10	ug/L	EPA 8270C	
Naphthalene	14		10	ug/L	EPA 8270C	

Client ID:	SB-4	Lab ID:	C809127-11RE1
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Analyte	Results	Flag	MRL	Units	Method	Notes
1,2,4-Trimethylbenzene	1.9		1.0	ug/L	EPA 8260B	
1,3,5-Trimethylbenzene	1.6		1.0	ug/L	EPA 8260B	
Ethylbenzene	0.74	J	1.0	ug/L	EPA 8260B	
Isopropylbenzene	1.3		1.0	ug/L	EPA 8260B	
Naphthalene	30		1.0	ug/L	EPA 8260B	
n-Butyl Benzene	5.2		1.0	ug/L	EPA 8260B	
n-Propyl Benzene	1.8		1.0	ug/L	EPA 8260B	
sec-Butylbenzene	5.4		1.0	ug/L	EPA 8260B	
tert-Butylbenzene	0.61	J	1.0	ug/L	EPA 8260B	

Client ID:	GP-2	Lab ID:	C809127-12
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Analyte	Results	Flag	MRL	Units	Method	Notes
1,2,4-Trimethylbenzene	22	D	5.0	ug/L	EPA 8260B	
1-Methylnaphthalene	16		10	ug/L	EPA 8270C	
2-Methylnaphthalene	17		10	ug/L	EPA 8270C	
4-Isopropyltoluene	5.7	D	5.0	ug/L	EPA 8260B	
Naphthalene	14		10	ug/L	EPA 8270C	
Naphthalene	20	D	5.0	ug/L	EPA 8260B	
n-Butyl Benzene	7.2	D	5.0	ug/L	EPA 8260B	
n-Propyl Benzene	3.6	JD	5.0	ug/L	EPA 8260B	
sec-Butylbenzene	7.3	D	5.0	ug/L	EPA 8260B	

Client ID:	GP-6	Lab ID:	C809127-13
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Analyte	Results	Flag	MRL	Units	Method	Notes
Acetone	14		5.0	ug/L	EPA 8260B	
Chloroform	0.55	J	1.0	ug/L	EPA 8260B	

Client ID:	GP-7	Lab ID:	C809127-15
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Analyte	Results	Flag	MRL	Units	Method	Notes
2-Methyl-4,6-dinitrophenol	4.7	J	10	ug/L	EPA 8270C	
4-Nitrophenol	5.3	J	10	ug/L	EPA 8270C	
Benzo(a)pyrene	4.4	J	10	ug/L	EPA 8270C	
Benzo(b)fluoranthene	6.5	J	10	ug/L	EPA 8270C	
Benzo(k)fluoranthene	2.3	J	10	ug/L	EPA 8270C	
Dibenzo(a,h)anthracene	2.6	J	10	ug/L	EPA 8270C	
Indeno(1,2,3-cd)pyrene	2.6	J	10	ug/L	EPA 8270C	

Client ID:	GP-8	Lab ID:	C809127-16
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Analyte	Results	Flag	MRL	Units	Method	Notes
Butylbenzylphthalate	1.8	J	10	ug/L	EPA 8270C	
Di-n-octylphthalate	4.4	J	10	ug/L	EPA 8270C	



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ANALYTICAL RESULTS

Description: GP1-3-4
Matrix: Soil
Project: Test Cell Facility

Lab Sample ID: C809127-01
Sampled: 09/02/08 10:15
Sampled By: Amy Conchas

Received: 09/04/08 13:00
Work Order: C809127
% Solids: 86.6

Gasoline Range Organics by GC

^ - ENCO Cary certified analyte [NC 591]

<u>Analyte [CAS Number]</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>MRL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
GRO (C6-C10) [NA] ^	1.6	JB	mg/kg dry	1	0.69	4.7	8I10009	EPA 8015B	09/10/08 16:21	bpk	J-01
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>	
2,5-Dibromotoluene	7.8	1	8.45	93 %	28-139	8I10009	EPA 8015B	09/10/08 16:21	bpk		



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Description: GP1-3-4

Matrix: Soil

Project: Test Cell Facility

Lab Sample ID: C809127-01

Sampled: 09/02/08 10:15

Sampled By: Amy Conchas

Received: 09/04/08 13:00

Work Order: C809127

% Solids: 86.6

Diesel Range Organics by GC

^ - ENCO Cary certified analyte [NC 591]

<u>Analyte [CAS Number]</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>MRL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
DRO (C10-C28) [NA] ^	1.78	J	mg/kg dry	1	1.27	3.81	8I05019	EPA 8015Mod	09/09/08 11:19	JHH	
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>		<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
<i>o</i> -Terphenyl	1.85	1	1.92	96 %	77-127		8I05019	EPA 8015Mod	09/09/08 11:19	JHH	



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Description: GP2-2-3

Matrix: Soil

Project: Test Cell Facility

Lab Sample ID: C809127-02

Sampled: 09/02/08 10:56

Sampled By: Amy Conchas

Received: 09/04/08 13:00

Work Order: C809127

% Solids: 85.1

Gasoline Range Organics by GC

^ - ENCO Cary certified analyte [NC 591]

<u>Analyte [CAS Number]</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>MRL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
GRO (C6-C10) [NA] ^	61	B	mg/kg dry	1	0.67	4.5	8I10009	EPA 8015B	09/10/08 16:52	bpk	QB-01
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>	
2,5-Dibromotoluene	24	1	8.18	293 %	28-139	8I10009	EPA 8015B	09/10/08 16:52	bpk	QS-06	



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Description: GP2-2-3

Matrix: Soil

Project: Test Cell Facility

Lab Sample ID: C809127-02

Sampled: 09/02/08 10:56

Sampled By: Amy Conchas

Received: 09/04/08 13:00

Work Order: C809127

% Solids: 85.1

Diesel Range Organics by GC

^ - ENCO Cary certified analyte [NC 591]

<u>Analyte [CAS Number]</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>MRL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
DRO (C10-C28) [NA] ^	6520	D	mg/kg dry	30	38.8	116	8I05019	EPA 8015Mod	09/09/08 14:04	JHH	
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>		<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
<i>o</i> -Terphenyl	0.00	30	1.96	%	77-127		8I05019	EPA 8015Mod	09/09/08 14:04	JHH	QS-04



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Description: SB4-1-2

Matrix: Soil

Project: Test Cell Facility

Lab Sample ID: C809127-03

Sampled: 09/02/08 09:30

Sampled By: Amy Conchas

Received: 09/04/08 13:00

Work Order: C809127

% Solids: 88.8

Gasoline Range Organics by GC

^ - ENCO Cary certified analyte [NC 591]

<u>Analyte</u> [<u>CAS Number</u>]	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>MRL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
GRO (C6-C10) [NA] ^	8.6	B	mg/kg dry	1	0.66	4.4	8I10009	EPA 8015B	09/10/08 17:23	bpk	J-01
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>		<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
2,5-Dibromotoluene	11	1	8.00	138 %	28-139		8I10009	EPA 8015B	09/10/08 17:23	bpk	



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Description: SB4-1-2

Matrix: Soil

Project: Test Cell Facility

Lab Sample ID: C809127-03

Sampled: 09/02/08 09:30

Sampled By: Amy Conchas

Received: 09/04/08 13:00

Work Order: C809127

% Solids: 88.8

Diesel Range Organics by GC

^ - ENCO Cary certified analyte [NC 591]

<u>Analyte</u> [<u>CAS Number</u>]	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>MRL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
DRO (C10-C28) [NA] ^	159		mg/kg dry	1	1.24	3.72	8I05019	EPA 8015Mod	09/09/08 14:33	JHH	
Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits		Batch	Method	Analyzed	By	Notes
<i>o</i> -Terphenyl	1.70	1	1.88	90 %	77-127		8I05019	EPA 8015Mod	09/09/08 14:33	JHH	

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



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Description: GP3-3-4

Matrix: Soil

Project: Test Cell Facility

Lab Sample ID: C809127-04

Sampled: 09/02/08 11:15

Sampled By: Amy Conchas

Received: 09/04/08 13:00

Work Order: C809127

% Solids: 85.9

Gasoline Range Organics by GC

^ - ENCO Cary certified analyte [NC 591]

<u>Analyte</u> [<u>CAS Number</u>]	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>MRL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
GRO (C6-C10) [NA] ^	1.5	JB	mg/kg dry	1	0.66	4.4	8I10009	EPA 8015B	09/10/08 18:47	bpk	J-01
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>	
2,5-Dibromotoluene	8.2	1	8.09	102 %	28-139	8I10009	EPA 8015B	09/10/08 18:47	bpk		



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Description: GP3-3-4

Matrix: Soil

Project: Test Cell Facility

Lab Sample ID: C809127-04

Sampled: 09/02/08 11:15

Sampled By: Amy Conchas

Received: 09/04/08 13:00

Work Order: C809127

% Solids: 85.9

Diesel Range Organics by GC

^ - ENCO Cary certified analyte [NC 591]

<u>Analyte</u> [<u>CAS Number</u>]	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>MRL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
DRO (C10-C28) [NA] ^	2.06	J	mg/kg dry	1	1.28	3.84	8I05019	EPA 8015Mod	09/09/08 15:01	JHH	
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>		<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
<i>o</i> -Terphenyl	1.92	1	1.94	99 %	77-127		8I05019	EPA 8015Mod	09/09/08 15:01	JHH	



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Description: GP4-4-5

Matrix: Soil

Project: Test Cell Facility

Lab Sample ID: C809127-05

Sampled: 09/02/08 13:15

Sampled By: Amy Conchas

Received: 09/04/08 13:00

Work Order: C809127

% Solids: 84.6

Gasoline Range Organics by GC

^ - ENCO Cary certified analyte [NC 591]

<u>Analyte [CAS Number]</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>MRL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
GRO (C6-C10) [NA] ^	1.5	JB	mg/kg dry	1	0.77	5.2	8I10009	EPA 8015B	09/10/08 19:27	bpk	J-01
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>	
2,5-Dibromotoluene	9.4	1	9.42	100 %	28-139	8I10009	EPA 8015B	09/10/08 19:27	bpk		



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Description: GP4-4-5

Matrix: Soil

Project: Test Cell Facility

Lab Sample ID: C809127-05

Sampled: 09/02/08 13:15

Sampled By: Amy Conchas

Received: 09/04/08 13:00

Work Order: C809127

% Solids: 84.6

Diesel Range Organics by GC

^ - ENCO Cary certified analyte [NC 591]

<u>Analyte [CAS Number]</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>MRL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
DRO (C10-C28) [NA] ^	3.14	J	mg/kg dry	1	1.30	3.90	8I05019	EPA 8015Mod	09/09/08 15:30	JHH	
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>		<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
<i>o</i> -Terphenyl	1.82	1	1.97	93 %	77-127		8I05019	EPA 8015Mod	09/09/08 15:30	JHH	



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Description: GP5-2-3

Matrix: Soil

Project: Test Cell Facility

Lab Sample ID: C809127-06

Sampled: 09/02/08 13:35

Sampled By: Amy Conchas

Received: 09/04/08 13:00

Work Order: C809127

% Solids: 87.1

Gasoline Range Organics by GC

^ - ENCO Cary certified analyte [NC 591]

<u>Analyte</u> [<u>CAS Number</u>]	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>MRL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
GRO (C6-C10) [NA] ^	1.7	JB	mg/kg dry	1	0.77	5.2	8I10009	EPA 8015B	09/10/08 19:58	bpk	J-01
Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits		Batch	Method	Analyzed	By	Notes
2,5-Dibromotoluene	7.6	1	9.38	81 %	28-139		8I10009	EPA 8015B	09/10/08 19:58	bpk	



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Description: GP5-2-3

Matrix: Soil

Project: Test Cell Facility

Lab Sample ID: C809127-06

Sampled: 09/02/08 13:35

Sampled By: Amy Conchas

Received: 09/04/08 13:00

Work Order: C809127

% Solids: 87.1

Diesel Range Organics by GC

^ - ENCO Cary certified analyte [NC 591]

<u>Analyte</u> [<u>CAS Number</u>]	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>MRL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
DRO (C10-C28) [NA] ^	10.6		mg/kg dry	1	1.26	3.79	8I05019	EPA 8015Mod	09/09/08 15:59	JHH	
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>		<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
<i>o</i> -Terphenyl	1.79	1	1.91	94 %	77-127		8I05019	EPA 8015Mod	09/09/08 15:59	JHH	



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Description: GP6-1-2

Matrix: Soil

Project: Test Cell Facility

Lab Sample ID: C809127-07

Sampled: 09/02/08 14:00

Sampled By: Amy Conchas

Received: 09/04/08 13:00

Work Order: C809127

% Solids: 84.4

Gasoline Range Organics by GC

^ - ENCO Cary certified analyte [NC 591]

<u>Analyte [CAS Number]</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>MRL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
GRO (C6-C10) [NA] ^	1.6	JB	mg/kg dry	1	0.72	4.9	8I10009	EPA 8015B	09/10/08 20:29	bpk	J-01
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>	
2,5-Dibromotoluene	7.3	1	8.84	82 %	28-139	8I10009	EPA 8015B	09/10/08 20:29	bpk		



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Description: GP6-1-2

Matrix: Soil

Project: Test Cell Facility

Lab Sample ID: C809127-07

Sampled: 09/02/08 14:00

Sampled By: Amy Conchas

Received: 09/04/08 13:00

Work Order: C809127

% Solids: 84.4

Diesel Range Organics by GC

^ - ENCO Cary certified analyte [NC 591]

<u>Analyte</u> [<u>CAS Number</u>]	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>MRL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
DRO (C10-C28) [NA] ^	1.51	J	mg/kg dry	1	1.30	3.91	8I05019	EPA 8015Mod	09/09/08 16:57	JHH	
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>		<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
<i>o</i> -Terphenyl	1.83	1	1.97	93 %	77-127		8I05019	EPA 8015Mod	09/09/08 16:57	JHH	



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Description: GP7-5-6

Matrix: Soil

Project: Test Cell Facility

Lab Sample ID: C809127-08

Sampled: 09/02/08 14:50

Sampled By: Amy Conchas

Received: 09/04/08 13:00

Work Order: C809127

% Solids: 87.5

Gasoline Range Organics by GC

^ - ENCO Cary certified analyte [NC 591]

<u>Analyte [CAS Number]</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>MRL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
GRO (C6-C10) [NA] ^	1.3	JB	mg/kg dry	1	0.74	5.0	8I10009	EPA 8015B	09/10/08 21:01	bpk	J-01
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>	
2,5-Dibromotoluene	7.5	1	9.07	83 %	28-139	8I10009	EPA 8015B	09/10/08 21:01	bpk		



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Description: GP7-5-6

Matrix: Soil

Project: Test Cell Facility

Lab Sample ID: C809127-08

Sampled: 09/02/08 14:50

Sampled By: Amy Conchas

Received: 09/04/08 13:00

Work Order: C809127

% Solids: 87.5

Diesel Range Organics by GC

^ - ENCO Cary certified analyte [NC 591]

<u>Analyte [CAS Number]</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>MRL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
DRO (C10-C28) [NA] ^	1.26	U	mg/kg dry	1	1.26	3.77	8I05019	EPA 8015Mod	09/09/08 17:26	JHH	
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>		<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
<i>o</i> -Terphenyl	1.90	1	1.91	100 %	77-127		8I05019	EPA 8015Mod	09/09/08 17:26	JHH	



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Description: GP8-4-5

Matrix: Soil

Project: Test Cell Facility

Lab Sample ID: C809127-09

Sampled: 09/02/08 15:55

Sampled By: Amy Conchas

Received: 09/04/08 13:00

Work Order: C809127

% Solids: 83.5

Gasoline Range Organics by GC

^ - ENCO Cary certified analyte [NC 591]

<u>Analyte [CAS Number]</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>MRL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
GRO (C6-C10) [NA] ^	1.3	JB	mg/kg dry	1	0.72	4.8	8I10009	EPA 8015B	09/10/08 21:32	bpk	J-01
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>	
2,5-Dibromotoluene	7.3	1	8.79	83 %	28-139	8I10009	EPA 8015B	09/10/08 21:32	bpk		



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Description: GP8-4-5

Matrix: Soil

Project: Test Cell Facility

Lab Sample ID: C809127-09

Sampled: 09/02/08 15:55

Sampled By: Amy Conchas

Received: 09/04/08 13:00

Work Order: C809127

% Solids: 83.5

Diesel Range Organics by GC

^ - ENCO Cary certified analyte [NC 591]

<u>Analyte [CAS Number]</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>MRL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
DRO (C10-C28) [NA] ^	3.48	J	mg/kg dry	1	1.32	3.95	8I05019	EPA 8015Mod	09/09/08 17:55	JHH	
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>		<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
<i>o</i> -Terphenyl	1.93	1	2.00	97 %	77-127		8I05019	EPA 8015Mod	09/09/08 17:55	JHH	



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Description: GP9-4-5

Matrix: Soil

Project: Test Cell Facility

Lab Sample ID: C809127-10

Sampled: 09/02/08 17:37

Sampled By: Amy Conchas

Received: 09/04/08 13:00

Work Order: C809127

% Solids: 85.1

Gasoline Range Organics by GC

^ - ENCO Cary certified analyte [NC 591]

<u>Analyte [CAS Number]</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>MRL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
GRO (C6-C10) [NA] ^	1.2	JB	mg/kg dry	1	0.61	4.1	8I10009	EPA 8015B	09/10/08 22:03	bpk	J-01
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>		<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
2,5-Dibromotoluene	6.0	1	7.48	80 %	28-139		8I10009	EPA 8015B	09/10/08 22:03	bpk	



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Description: GP9-4-5

Matrix: Soil

Project: Test Cell Facility

Lab Sample ID: C809127-10

Sampled: 09/02/08 17:37

Sampled By: Amy Conchas

Received: 09/04/08 13:00

Work Order: C809127

% Solids: 85.1

Diesel Range Organics by GC

^ - ENCO Cary certified analyte [NC 591]

<u>Analyte</u> [<u>CAS Number</u>]	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>MRL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
DRO (C10-C28) [NA] ^	2.97	J	mg/kg dry	1	1.29	3.88	8I05019	EPA 8015Mod	09/09/08 18:24	JHH	
<u>Surrogates</u>	<u>Results</u>	<u>DF</u>	<u>Spike Lvl</u>	<u>% Rec</u>	<u>% Rec Limits</u>		<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
<i>o</i> -Terphenyl	1.93	1	1.96	99 %	77-127		8I05019	EPA 8015Mod	09/09/08 18:24	JHH	



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Description: SB-4

Matrix: Water

Project: Test Cell Facility

Lab Sample ID: C809127-11

Sampled: 09/02/08 10:30

Sampled By: Amy Conchas

Received: 09/04/08 13:00

Work Order: C809127

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] ^	0.29	U	ug/L	1	0.29	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
1,1,2-Trichloroethane [79-00-5] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
1,1-Dichloroethene [75-35-4] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
1,1-Dichloropropene [563-58-6] ^	0.32	U	ug/L	1	0.32	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
1,2,3-Trichlorobenzene [87-61-6] ^	0.23	U	ug/L	1	0.23	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
1,2,3-Trichloropropane [96-18-4] ^	0.47	U	ug/L	1	0.47	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
1,2,4-Trichlorobenzene [120-82-1] ^	0.36	U	ug/L	1	0.36	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
1,2,4-Trimethylbenzene [95-63-6] ^	1.9		ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
1,2-Dibromoethane [106-93-4] ^	0.27	U	ug/L	1	0.27	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
1,2-Dichloroethane [107-06-2] ^	0.46	U	ug/L	1	0.46	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
1,3,5-Trimethylbenzene [108-67-8] ^	1.6		ug/L	1	0.25	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
1,3-Dichlorobenzene [541-73-1] ^	0.30	U	ug/L	1	0.30	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
1,3-Dichloropropane [142-28-9] ^	0.28	U	ug/L	1	0.28	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
1,4-Dichlorobenzene [106-46-7] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
2,2-Dichloropropane [594-20-7] ^	0.24	U	ug/L	1	0.24	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
2-Butanone [78-93-3] ^	0.44	U	ug/L	1	0.44	5.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.37	U	ug/L	1	0.37	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
2-Chlorotoluene [95-49-8] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
2-Hexanone [591-78-6] ^	0.60	U	ug/L	1	0.60	5.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
4-Chlorotoluene [106-43-4] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
4-Isopropyltoluene [99-87-6] ^	0.22	U	ug/L	1	0.22	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
4-Methyl-2-pentanone [108-10-1] ^	0.56	U	ug/L	1	0.56	5.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
Acetone [67-64-1] ^	0.62	U	ug/L	1	0.62	5.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
Bromobenzene [108-86-1] ^	0.21	U	ug/L	1	0.21	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
Bromochloromethane [74-97-5] ^	0.27	U	ug/L	1	0.27	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
Bromodichloromethane [75-27-4] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
Bromoform [75-25-2] ^	0.29	U	ug/L	1	0.29	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
Carbon disulfide [75-15-0] ^	0.40	U	ug/L	1	0.40	5.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
Carbon tetrachloride [56-23-5] ^	0.35	U	ug/L	1	0.35	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
Chloromethane [74-87-3] ^	0.23	U	ug/L	1	0.23	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
cis-1,2-Dichloroethene [156-59-2] ^	0.30	U	ug/L	1	0.30	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
cis-1,3-Dichloropropene [10061-01-5] ^	0.24	U	ug/L	1	0.24	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
Dibromochloromethane [124-48-1] ^	0.28	U	ug/L	1	0.28	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
Dibromomethane [74-95-3] ^	0.21	U	ug/L	1	0.21	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
Dichlorodifluoromethane [75-71-8] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
Ethylbenzene [100-41-4] ^	0.74	J	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
Hexachlorobutadiene [87-68-3] ^	0.35	U	ug/L	1	0.35	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
Isopropylbenzene [98-82-8] ^	1.3		ug/L	1	0.24	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
m,p-Xylenes [108-38-3/106-42-3] ^	0.40	U	ug/L	1	0.40	2.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
Methylene chloride [75-09-2] ^	0.24	U	ug/L	1	0.24	2.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	



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Description: SB-4

Matrix: Water

Project: Test Cell Facility

Lab Sample ID: C809127-11

Sampled: 09/02/08 10:30

Sampled By: Amy Conchas

Received: 09/04/08 13:00

Work Order: C809127

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] ^	0.29	U	ug/L	1	0.29	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
Naphthalene [91-20-3] ^	30		ug/L	1	0.27	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
n-Butyl Benzene [104-51-8] ^	5.2		ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
n-Propyl Benzene [103-65-1] ^	1.8		ug/L	1	0.21	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
sec-Butylbenzene [135-98-8] ^	5.4		ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
Styrene [100-42-5] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
tert-Butylbenzene [98-06-6] ^	0.61	J	ug/L	1	0.22	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
Toluene [108-88-3] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
trans-1,2-Dichloroethene [156-60-5] ^	0.25	U	ug/L	1	0.25	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
trans-1,3-Dichloropropene [10061-02-6] ^	0.30	U	ug/L	1	0.30	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
Trichloroethene [79-01-6] ^	0.25	U	ug/L	1	0.25	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	8I06001	EPA 8260B	09/06/08 15:16	jkg	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	41	1	50.0	83 %	69-120	8I06001	EPA 8260B	09/06/08 15:16	jkg	
Dibromofluoromethane	51	1	50.0	102 %	61-120	8I06001	EPA 8260B	09/06/08 15:16	jkg	
Toluene-d8	44	1	50.0	89 %	75-99	8I06001	EPA 8260B	09/06/08 15:16	jkg	

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] ^	2.1	U	ug/L	1	2.1	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
1,2-Dichlorobenzene [95-50-1] ^	2.3	U	ug/L	1	2.3	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
1,3-Dichlorobenzene [541-73-1] ^	2.2	U	ug/L	1	2.2	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
1,4-Dichlorobenzene [106-46-7] ^	2.2	U	ug/L	1	2.2	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
1-Methylnaphthalene [90-12-0] ^	9.6	J	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
2,4,5-Trichlorophenol [95-95-4] ^	1.1	U	ug/L	1	1.1	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
2,4,6-Trichlorophenol [88-06-2] ^	1.4	U	ug/L	1	1.4	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
2,4-Dichlorophenol [120-83-2] ^	1.6	U	ug/L	1	1.6	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
2,4-Dimethylphenol [105-67-9] ^	3.0	U	ug/L	1	3.0	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
2,4-Dinitrophenol [51-28-5] ^	1.7	U	ug/L	1	1.7	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
2,4-Dinitrotoluene [121-14-2] ^	1.2	U	ug/L	1	1.2	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
2,6-Dinitrotoluene [606-20-2] ^	1.0	U	ug/L	1	1.0	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
2-Chloronaphthalene [91-58-7] ^	1.6	U	ug/L	1	1.6	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
2-Chlorophenol [95-57-8] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	1.4	U	ug/L	1	1.4	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
2-Methylnaphthalene [91-57-6] ^	11		ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
2-Methylphenol [95-48-7] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
2-Nitroaniline [88-74-4] ^	1.2	U	ug/L	1	1.2	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
2-Nitrophenol [88-75-5] ^	1.8	U	ug/L	1	1.8	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
3 & 4-Methylphenol	1.9	U	ug/L	1	1.9	20	8I05014	EPA 8270C	09/05/08 17:12	JHH	
3,3'-Dichlorobenzidine [91-94-1]	1.8	U	ug/L	1	1.8	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
3-Nitroaniline [99-09-2] ^	1.6	U	ug/L	1	1.6	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
4-Bromophenyl-phenylether [101-55-3] ^	1.2	U	ug/L	1	1.2	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
4-Chloro-3-methylphenol [59-50-7] ^	1.4	U	ug/L	1	1.4	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
4-Chloroaniline [106-47-8] ^	1.6	U	ug/L	1	1.6	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	



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Description: SB-4

Matrix: Water

Project: Test Cell Facility

Lab Sample ID: C809127-11

Sampled: 09/02/08 10:30

Sampled By: Amy Conchas

Received: 09/04/08 13:00

Work Order: C809127

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
4-Chlorophenyl-phenylether [7005-72-3] ^	1.2	U	ug/L	1	1.2	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
4-Nitroaniline [100-01-6] ^	1.4	U	ug/L	1	1.4	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
4-Nitrophenol [100-02-7] ^	1.2	U	ug/L	1	1.2	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
Acenaphthene [83-32-9] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
Acenaphthylene [208-96-8] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
Anthracene [120-12-7] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
Benzidine [92-87-5] ^	1.5	U	ug/L	1	1.5	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
Benzo(a)anthracene [56-55-3] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
Benzo(a)pyrene [50-32-8] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
Benzo(b)fluoranthene [205-99-2] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
Benzo(g,h,i)perylene [191-24-2] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
Benzo(k)fluoranthene [207-08-9] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
Benzoic acid [65-85-0] ^	4.3	U	ug/L	1	4.3	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
Benzyl alcohol [100-51-6] ^	1.0	U	ug/L	1	1.0	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
Bis(2-chloroethoxy)methane [111-91-1] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
Bis(2-chloroethyl)ether [111-44-4] ^	2.1	U	ug/L	1	2.1	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
Bis(2-chloroisopropyl)ether [108-60-1] ^	2.2	U	ug/L	1	2.2	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	1.9	U	ug/L	1	1.9	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
Butylbenzylphthalate [85-68-7] ^	1.4	U	ug/L	1	1.4	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
Chrysene [218-01-9] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
Dibenzo(a,h)anthracene [53-70-3] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
Dibenzofuran [132-64-9] ^	1.3	U	ug/L	1	1.3	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
Diethylphthalate [84-66-2] ^	1.3	U	ug/L	1	1.3	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
Dimethylphthalate [131-11-3] ^	1.1	U	ug/L	1	1.1	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
Di-n-butylphthalate [84-74-2] ^	1.0	U	ug/L	1	1.0	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
Di-n-octylphthalate [117-84-0] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
Fluoranthene [206-44-0] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
Fluorene [86-73-7] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
Hexachlorobenzene [118-74-1] ^	1.1	U	ug/L	1	1.1	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
Hexachlorobutadiene [87-68-3] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
Hexachlorocyclopentadiene [77-47-4] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
Hexachloroethane [67-72-1] ^	2.4	U	ug/L	1	2.4	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
Isophorone [78-59-1] ^	1.8	U	ug/L	1	1.8	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
Naphthalene [91-20-3] ^	14		ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
Nitrobenzene [98-95-3] ^	1.9	U	ug/L	1	1.9	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
N-Nitrosodimethylamine [62-75-9] ^	1.9	U	ug/L	1	1.9	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
N-Nitroso-di-n-propylamine [621-64-7] ^	2.1	U	ug/L	1	2.1	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
N-Nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4]	1.1	U	ug/L	1	1.1	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
Pentachlorophenol [87-86-5] ^	1.2	U	ug/L	1	1.2	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
Phenanthrene [85-01-8] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
Phenol [108-95-2] ^	1.5	U	ug/L	1	1.5	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
Pyrene [129-00-0] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	
Pyridine [110-86-1] ^	2.1	U	ug/L	1	2.1	10	8I05014	EPA 8270C	09/05/08 17:12	JHH	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
2,4,6-Tribromophenol	82	1	100	82 %	32-129	8I05014	EPA 8270C	09/05/08 17:12	JHH	
2-Fluorobiphenyl	28	1	50.0	57 %	21-121	8I05014	EPA 8270C	09/05/08 17:12	JHH	
2-Fluorophenol	40	1	100	40 %	10-98	8I05014	EPA 8270C	09/05/08 17:12	JHH	
Nitrobenzene-d5	27	1	50.0	53 %	33-116	8I05014	EPA 8270C	09/05/08 17:12	JHH	
Phenol-d5	37	1	100	37 %	10-81	8I05014	EPA 8270C	09/05/08 17:12	JHH	



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Description: SB-4
Matrix: Water
Project: Test Cell Facility

Lab Sample ID: C809127-11
Sampled: 09/02/08 10:30
Sampled By: Amy Conchas

Received: 09/04/08 13:00
Work Order: C809127

Semivolatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

<u>Analyte</u> [<u>CAS Number</u>]	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>DF</u>	<u>MDL</u>	<u>MRL</u>	<u>Batch</u>	<u>Method</u>	<u>Analyzed</u>	<u>By</u>	<u>Notes</u>
Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits		Batch	Method	Analyzed	By	Notes
Terphenyl-d14	43	1	50.0	86 %	45-125		8I05014	EPA 8270C	09/05/08 17:12	JHH	



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Description: GP-2

Matrix: Water

Project: Test Cell Facility

Lab Sample ID: C809127-12

Sampled: 09/02/08 12:45

Sampled By: Amy Conchas

Received: 09/04/08 13:00

Work Order: C809127

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] ^	1.4	UD	ug/L	5	1.4	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
1,1,1-Trichloroethane [71-55-6] ^	1.4	UD	ug/L	5	1.4	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
1,1,2,2-Tetrachloroethane [79-34-5] ^	1.6	UD	ug/L	5	1.6	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
1,1,2-Trichloroethane [79-00-5] ^	1.0	UD	ug/L	5	1.0	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
1,1-Dichloroethane [75-34-3] ^	1.6	UD	ug/L	5	1.6	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
1,1-Dichloroethene [75-35-4] ^	1.0	UD	ug/L	5	1.0	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
1,1-Dichloropropene [563-58-6] ^	1.6	UD	ug/L	5	1.6	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
1,2,3-Trichlorobenzene [87-61-6] ^	1.2	UD	ug/L	5	1.2	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
1,2,3-Trichloropropane [96-18-4] ^	2.4	UD	ug/L	5	2.4	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
1,2,4-Trichlorobenzene [120-82-1] ^	1.8	UD	ug/L	5	1.8	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
1,2,4-Trimethylbenzene [95-63-6] ^	22	D	ug/L	5	1.0	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
1,2-Dibromo-3-chloropropane [96-12-8] ^	2.4	UD	ug/L	5	2.4	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
1,2-Dibromoethane [106-93-4] ^	1.4	UD	ug/L	5	1.4	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
1,2-Dichlorobenzene [95-50-1] ^	1.4	UD	ug/L	5	1.4	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
1,2-Dichloroethane [107-06-2] ^	2.3	UD	ug/L	5	2.3	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
1,2-Dichloropropane [78-87-5] ^	1.0	UD	ug/L	5	1.0	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
1,3,5-Trimethylbenzene [108-67-8] ^	1.2	UD	ug/L	5	1.2	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
1,3-Dichlorobenzene [541-73-1] ^	1.5	UD	ug/L	5	1.5	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
1,3-Dichloropropane [142-28-9] ^	1.4	UD	ug/L	5	1.4	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
1,4-Dichlorobenzene [106-46-7] ^	1.0	UD	ug/L	5	1.0	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
2,2-Dichloropropane [594-20-7] ^	1.2	UD	ug/L	5	1.2	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
2-Butanone [78-93-3] ^	2.2	UD	ug/L	5	2.2	25	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
2-Chloroethyl Vinyl Ether [110-75-8] ^	1.8	UD	ug/L	5	1.8	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
2-Chlorotoluene [95-49-8] ^	1.0	UD	ug/L	5	1.0	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
2-Hexanone [591-78-6] ^	3.0	UD	ug/L	5	3.0	25	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
4-Chlorotoluene [106-43-4] ^	1.0	UD	ug/L	5	1.0	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
4-Isopropyltoluene [99-87-6] ^	5.7	D	ug/L	5	1.1	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
4-Methyl-2-pentanone [108-10-1] ^	2.8	UD	ug/L	5	2.8	25	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
Acetone [67-64-1] ^	3.1	UD	ug/L	5	3.1	25	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
Benzene [71-43-2] ^	1.0	UD	ug/L	5	1.0	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
Bromobenzene [108-86-1] ^	1.0	UD	ug/L	5	1.0	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
Bromochloromethane [74-97-5] ^	1.4	UD	ug/L	5	1.4	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
Bromodichloromethane [75-27-4] ^	1.0	UD	ug/L	5	1.0	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
Bromoform [75-25-2] ^	1.4	UD	ug/L	5	1.4	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
Bromomethane [74-83-9] ^	2.4	UD	ug/L	5	2.4	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
Carbon disulfide [75-15-0] ^	2.0	UD	ug/L	5	2.0	25	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
Carbon tetrachloride [56-23-5] ^	1.8	UD	ug/L	5	1.8	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
Chlorobenzene [108-90-7] ^	1.4	UD	ug/L	5	1.4	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
Chloroethane [75-00-3] ^	1.5	UD	ug/L	5	1.5	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
Chloroform [67-66-3] ^	1.0	UD	ug/L	5	1.0	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
Chloromethane [74-87-3] ^	1.2	UD	ug/L	5	1.2	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
cis-1,2-Dichloroethene [156-59-2] ^	1.5	UD	ug/L	5	1.5	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
cis-1,3-Dichloropropene [10061-01-5] ^	1.2	UD	ug/L	5	1.2	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
Dibromochloromethane [124-48-1] ^	1.4	UD	ug/L	5	1.4	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
Dibromomethane [74-95-3] ^	1.0	UD	ug/L	5	1.0	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
Dichlorodifluoromethane [75-71-8] ^	1.0	UD	ug/L	5	1.0	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
Ethylbenzene [100-41-4] ^	1.0	UD	ug/L	5	1.0	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
Hexachlorobutadiene [87-68-3] ^	1.8	UD	ug/L	5	1.8	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
Isopropylbenzene [98-82-8] ^	1.2	UD	ug/L	5	1.2	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
m,p-Xylenes [108-38-3/106-42-3] ^	2.0	UD	ug/L	5	2.0	10	8I05020	EPA 8260B	09/06/08 09:21	jkjg	
Methylene chloride [75-09-2] ^	1.2	UD	ug/L	5	1.2	10	8I05020	EPA 8260B	09/06/08 09:21	jkjg	



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Description: GP-2

Matrix: Water

Project: Test Cell Facility

Lab Sample ID: C809127-12

Sampled: 09/02/08 12:45

Sampled By: Amy Conchas

Received: 09/04/08 13:00

Work Order: C809127

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] ^	1.4	UD	ug/L	5	1.4	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkg	
Naphthalene [91-20-3] ^	20	D	ug/L	5	1.4	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkg	
n-Butyl Benzene [104-51-8] ^	7.2	D	ug/L	5	1.0	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkg	
n-Propyl Benzene [103-65-1] ^	3.6	JD	ug/L	5	1.0	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkg	
o-Xylene [95-47-6] ^	1.4	UD	ug/L	5	1.4	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkg	
sec-Butylbenzene [135-98-8] ^	7.3	D	ug/L	5	1.0	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkg	
Styrene [100-42-5] ^	1.0	UD	ug/L	5	1.0	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkg	
tert-Butylbenzene [98-06-6] ^	1.1	UD	ug/L	5	1.1	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkg	
Tetrachloroethene [127-18-4] ^	1.8	UD	ug/L	5	1.8	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkg	
Toluene [108-88-3] ^	1.0	UD	ug/L	5	1.0	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkg	
trans-1,2-Dichloroethene [156-60-5] ^	1.2	UD	ug/L	5	1.2	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkg	
trans-1,3-Dichloropropene [10061-02-6] ^	1.5	UD	ug/L	5	1.5	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkg	
Trichloroethene [79-01-6] ^	1.2	UD	ug/L	5	1.2	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkg	
Trichlorofluoromethane [75-69-4] ^	1.4	UD	ug/L	5	1.4	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkg	
Vinyl chloride [75-01-4] ^	1.5	UD	ug/L	5	1.5	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkg	
Xylenes (Total) [1330-20-7]	2.0	UD	ug/L	5	2.0	5.0	8I05020	EPA 8260B	09/06/08 09:21	jkg	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	39	1	50.0	78 %	69-120	8I05020	EPA 8260B	09/06/08 09:21	jkg	
Dibromofluoromethane	51	1	50.0	102 %	61-120	8I05020	EPA 8260B	09/06/08 09:21	jkg	
Toluene-d8	46	1	50.0	91 %	75-99	8I05020	EPA 8260B	09/06/08 09:21	jkg	



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Description: GP-2

Matrix: Water

Project: Test Cell Facility

Lab Sample ID: C809127-12

Sampled: 09/02/08 12:45

Sampled By: Amy Conchas

Received: 09/04/08 13:00

Work Order: C809127

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] ^	2.1	U	ug/L	1	2.1	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
1,2-Dichlorobenzene [95-50-1] ^	2.3	U	ug/L	1	2.3	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
1,3-Dichlorobenzene [541-73-1] ^	2.2	U	ug/L	1	2.2	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
1,4-Dichlorobenzene [106-46-7] ^	2.2	U	ug/L	1	2.2	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
1-Methylnaphthalene [90-12-0] ^	16		ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
2,4,5-Trichlorophenol [95-95-4] ^	1.1	U	ug/L	1	1.1	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
2,4,6-Trichlorophenol [88-06-2] ^	1.4	U	ug/L	1	1.4	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
2,4-Dichlorophenol [120-83-2] ^	1.6	U	ug/L	1	1.6	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
2,4-Dimethylphenol [105-67-9] ^	3.0	U	ug/L	1	3.0	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
2,4-Dinitrophenol [51-28-5] ^	1.7	U	ug/L	1	1.7	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
2,4-Dinitrotoluene [121-14-2] ^	1.2	U	ug/L	1	1.2	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
2,6-Dinitrotoluene [606-20-2] ^	1.0	U	ug/L	1	1.0	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
2-Chloronaphthalene [91-58-7] ^	1.6	U	ug/L	1	1.6	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
2-Chlorophenol [95-57-8] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	1.4	U	ug/L	1	1.4	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
2-Methylnaphthalene [91-57-6] ^	17		ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
2-Methylphenol [95-48-7] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
2-Nitroaniline [88-74-4] ^	1.2	U	ug/L	1	1.2	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
2-Nitrophenol [88-75-5] ^	1.8	U	ug/L	1	1.8	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
3 & 4-Methylphenol	1.9	U	ug/L	1	1.9	20	8I05014	EPA 8270C	09/05/08 19:01	JHH	
3,3'-Dichlorobenzidine [91-94-1]	1.8	U	ug/L	1	1.8	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
3-Nitroaniline [99-09-2] ^	1.6	U	ug/L	1	1.6	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
4-Bromophenyl-phenylether [101-55-3] ^	1.2	U	ug/L	1	1.2	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
4-Chloro-3-methylphenol [59-50-7] ^	1.4	U	ug/L	1	1.4	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
4-Chloroaniline [106-47-8] ^	1.6	U	ug/L	1	1.6	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
4-Chlorophenyl-phenylether [7005-72-3] ^	1.2	U	ug/L	1	1.2	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
4-Nitroaniline [100-01-6] ^	1.4	U	ug/L	1	1.4	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
4-Nitrophenol [100-02-7] ^	1.2	U	ug/L	1	1.2	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
Acenaphthene [83-32-9] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
Acenaphthylene [208-96-8] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
Anthracene [120-12-7] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
Benzidine [92-87-5] ^	1.5	U	ug/L	1	1.5	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
Benzo(a)anthracene [56-55-3] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
Benzo(a)pyrene [50-32-8] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
Benzo(b)fluoranthene [205-99-2] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
Benzo(g,h,i)perylene [191-24-2] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
Benzo(k)fluoranthene [207-08-9] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
Benzoic acid [65-85-0] ^	4.3	U	ug/L	1	4.3	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
Benzyl alcohol [100-51-6] ^	1.0	U	ug/L	1	1.0	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
Bis(2-chloroethoxy)methane [111-91-1] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
Bis(2-chloroethyl)ether [111-44-4] ^	2.1	U	ug/L	1	2.1	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
Bis(2-chloroisopropyl)ether [108-60-1] ^	2.2	U	ug/L	1	2.2	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	1.9	U	ug/L	1	1.9	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
Butylbenzylphthalate [85-68-7] ^	1.4	U	ug/L	1	1.4	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
Chrysene [218-01-9] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
Dibenzo(a,h)anthracene [53-70-3] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
Dibenzofuran [132-64-9] ^	1.3	U	ug/L	1	1.3	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
Diethylphthalate [84-66-2] ^	1.3	U	ug/L	1	1.3	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
Dimethylphthalate [131-11-3] ^	1.1	U	ug/L	1	1.1	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
Di-n-butylphthalate [84-74-2] ^	1.0	U	ug/L	1	1.0	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
Di-n-octylphthalate [117-84-0] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	



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Description: GP-2

Lab Sample ID: C809127-12

Received: 09/04/08 13:00

Matrix: Water

Sampled: 09/02/08 12:45

Work Order: C809127

Project: Test Cell Facility

Sampled By: Amy Conchas

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] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
Fluorene [86-73-7] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
Hexachlorobenzene [118-74-1] ^	1.1	U	ug/L	1	1.1	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
Hexachlorobutadiene [87-68-3] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
Hexachlorocyclopentadiene [77-47-4] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
Hexachloroethane [67-72-1] ^	2.4	U	ug/L	1	2.4	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
Isophorone [78-59-1] ^	1.8	U	ug/L	1	1.8	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
Naphthalene [91-20-3] ^	14		ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
Nitrobenzene [98-95-3] ^	1.9	U	ug/L	1	1.9	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
N-Nitrosodimethylamine [62-75-9] ^	1.9	U	ug/L	1	1.9	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
N-Nitroso-di-n-propylamine [621-64-7] ^	2.1	U	ug/L	1	2.1	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
N-Nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4]	1.1	U	ug/L	1	1.1	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
Pentachlorophenol [87-86-5] ^	1.2	U	ug/L	1	1.2	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
Phenanthrene [85-01-8] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
Phenol [108-95-2] ^	1.5	U	ug/L	1	1.5	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
Pyrene [129-00-0] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	
Pyridine [110-86-1] ^	2.1	U	ug/L	1	2.1	10	8I05014	EPA 8270C	09/05/08 19:01	JHH	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
2,4,6-Tribromophenol	80	1	100	80 %	32-129	8I05014	EPA 8270C	09/05/08 19:01	JHH	
2-Fluorobiphenyl	29	1	50.0	58 %	21-121	8I05014	EPA 8270C	09/05/08 19:01	JHH	
2-Fluorophenol	38	1	100	38 %	10-98	8I05014	EPA 8270C	09/05/08 19:01	JHH	
Nitrobenzene-d5	29	1	50.0	58 %	33-116	8I05014	EPA 8270C	09/05/08 19:01	JHH	
Phenol-d5	31	1	100	31 %	10-81	8I05014	EPA 8270C	09/05/08 19:01	JHH	
Terphenyl-d14	43	1	50.0	87 %	45-125	8I05014	EPA 8270C	09/05/08 19:01	JHH	

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



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Description: GP-6

Matrix: Water

Project: Test Cell Facility

Lab Sample ID: C809127-13

Sampled: 09/02/08 15:50

Sampled By: Amy Conchas

Received: 09/04/08 13:00

Work Order: C809127

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] ^	0.29	U	ug/L	1	0.29	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
1,1,2-Trichloroethane [79-00-5] ^	0.20	U	ug/L	1	0.20	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
1,1-Dichloroethene [75-35-4] ^	0.20	U	ug/L	1	0.20	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
1,1-Dichloropropene [563-58-6] ^	0.32	U	ug/L	1	0.32	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
1,2,3-Trichlorobenzene [87-61-6] ^	0.23	U	ug/L	1	0.23	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
1,2,3-Trichloropropane [96-18-4] ^	0.47	U	ug/L	1	0.47	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
1,2,4-Trichlorobenzene [120-82-1] ^	0.36	U	ug/L	1	0.36	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
1,2,4-Trimethylbenzene [95-63-6] ^	0.20	U	ug/L	1	0.20	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
1,2-Dibromoethane [106-93-4] ^	0.27	U	ug/L	1	0.27	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
1,2-Dichloroethane [107-06-2] ^	0.46	U	ug/L	1	0.46	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
1,3,5-Trimethylbenzene [108-67-8] ^	0.25	U	ug/L	1	0.25	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
1,3-Dichlorobenzene [541-73-1] ^	0.30	U	ug/L	1	0.30	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
1,3-Dichloropropane [142-28-9] ^	0.28	U	ug/L	1	0.28	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
1,4-Dichlorobenzene [106-46-7] ^	0.20	U	ug/L	1	0.20	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
2,2-Dichloropropane [594-20-7] ^	0.24	U	ug/L	1	0.24	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
2-Butanone [78-93-3] ^	0.44	U	ug/L	1	0.44	5.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.37	U	ug/L	1	0.37	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
2-Chlorotoluene [95-49-8] ^	0.20	U	ug/L	1	0.20	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
2-Hexanone [591-78-6] ^	0.60	U	ug/L	1	0.60	5.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
4-Chlorotoluene [106-43-4] ^	0.20	U	ug/L	1	0.20	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
4-Isopropyltoluene [99-87-6] ^	0.22	U	ug/L	1	0.22	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
4-Methyl-2-pentanone [108-10-1] ^	0.56	U	ug/L	1	0.56	5.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
Acetone [67-64-1] ^	14		ug/L	1	0.62	5.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
Bromobenzene [108-86-1] ^	0.21	U	ug/L	1	0.21	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
Bromochloromethane [74-97-5] ^	0.27	U	ug/L	1	0.27	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
Bromodichloromethane [75-27-4] ^	0.20	U	ug/L	1	0.20	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
Bromoform [75-25-2] ^	0.29	U	ug/L	1	0.29	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
Carbon disulfide [75-15-0] ^	0.40	U	ug/L	1	0.40	5.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
Carbon tetrachloride [56-23-5] ^	0.35	U	ug/L	1	0.35	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
Chloroform [67-66-3] ^	0.55	J	ug/L	1	0.20	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
Chloromethane [74-87-3] ^	0.23	U	ug/L	1	0.23	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
cis-1,2-Dichloroethene [156-59-2] ^	0.30	U	ug/L	1	0.30	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
cis-1,3-Dichloropropene [10061-01-5] ^	0.24	U	ug/L	1	0.24	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
Dibromochloromethane [124-48-1] ^	0.28	U	ug/L	1	0.28	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
Dibromomethane [74-95-3] ^	0.21	U	ug/L	1	0.21	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
Dichlorodifluoromethane [75-71-8] ^	0.20	U	ug/L	1	0.20	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
Hexachlorobutadiene [87-68-3] ^	0.35	U	ug/L	1	0.35	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
Isopropylbenzene [98-82-8] ^	0.24	U	ug/L	1	0.24	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
m,p-Xylenes [108-38-3/106-42-3] ^	0.40	U	ug/L	1	0.40	2.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
Methylene chloride [75-09-2] ^	0.24	U	ug/L	1	0.24	2.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	



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Description: GP-6

Matrix: Water

Project: Test Cell Facility

Lab Sample ID: C809127-13

Sampled: 09/02/08 15:50

Sampled By: Amy Conchas

Received: 09/04/08 13:00

Work Order: C809127

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] ^	0.29	U	ug/L	1	0.29	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
Naphthalene [91-20-3] ^	0.27	U	ug/L	1	0.27	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
n-Butyl Benzene [104-51-8] ^	0.20	U	ug/L	1	0.20	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
n-Propyl Benzene [103-65-1] ^	0.21	U	ug/L	1	0.21	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
sec-Butylbenzene [135-98-8] ^	0.20	U	ug/L	1	0.20	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
Styrene [100-42-5] ^	0.20	U	ug/L	1	0.20	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
tert-Butylbenzene [98-06-6] ^	0.22	U	ug/L	1	0.22	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
Toluene [108-88-3] ^	0.20	U	ug/L	1	0.20	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
trans-1,2-Dichloroethene [156-60-5] ^	0.25	U	ug/L	1	0.25	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
trans-1,3-Dichloropropene [10061-02-6] ^	0.30	U	ug/L	1	0.30	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
Trichloroethene [79-01-6] ^	0.25	U	ug/L	1	0.25	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	8I05020	EPA 8260B	09/06/08 08:22	jkg	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	40	1	50.0	81 %	69-120	8I05020	EPA 8260B	09/06/08 08:22	jkg	
Dibromofluoromethane	50	1	50.0	100 %	61-120	8I05020	EPA 8260B	09/06/08 08:22	jkg	
Toluene-d8	44	1	50.0	87 %	75-99	8I05020	EPA 8260B	09/06/08 08:22	jkg	



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Description: GP-6

Lab Sample ID: C809127-13

Received: 09/04/08 13:00

Matrix: Water

Sampled: 09/02/08 15:50

Work Order: C809127

Project: Test Cell Facility

Sampled By: Amy Conchas

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] ^	2.1	U	ug/L	1	2.1	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
1,2-Dichlorobenzene [95-50-1] ^	2.3	U	ug/L	1	2.3	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
1,3-Dichlorobenzene [541-73-1] ^	2.2	U	ug/L	1	2.2	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
1,4-Dichlorobenzene [106-46-7] ^	2.2	U	ug/L	1	2.2	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
1-Methylnaphthalene [90-12-0] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
2,4,5-Trichlorophenol [95-95-4] ^	1.1	U	ug/L	1	1.1	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
2,4,6-Trichlorophenol [88-06-2] ^	1.4	U	ug/L	1	1.4	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
2,4-Dichlorophenol [120-83-2] ^	1.6	U	ug/L	1	1.6	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
2,4-Dimethylphenol [105-67-9] ^	3.0	U	ug/L	1	3.0	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
2,4-Dinitrophenol [51-28-5] ^	1.7	U	ug/L	1	1.7	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
2,4-Dinitrotoluene [121-14-2] ^	1.2	U	ug/L	1	1.2	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
2,6-Dinitrotoluene [606-20-2] ^	1.0	U	ug/L	1	1.0	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
2-Chloronaphthalene [91-58-7] ^	1.6	U	ug/L	1	1.6	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
2-Chlorophenol [95-57-8] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	1.4	U	ug/L	1	1.4	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
2-Methylnaphthalene [91-57-6] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
2-Methylphenol [95-48-7] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
2-Nitroaniline [88-74-4] ^	1.2	U	ug/L	1	1.2	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
2-Nitrophenol [88-75-5] ^	1.8	U	ug/L	1	1.8	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
3 & 4-Methylphenol	1.9	U	ug/L	1	1.9	20	8I05014	EPA 8270C	09/05/08 19:28	JHH	
3,3'-Dichlorobenzidine [91-94-1]	1.8	U	ug/L	1	1.8	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
3-Nitroaniline [99-09-2] ^	1.6	U	ug/L	1	1.6	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
4-Bromophenyl-phenylether [101-55-3] ^	1.2	U	ug/L	1	1.2	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
4-Chloro-3-methylphenol [59-50-7] ^	1.4	U	ug/L	1	1.4	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
4-Chloroaniline [106-47-8] ^	1.6	U	ug/L	1	1.6	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
4-Chlorophenyl-phenylether [7005-72-3] ^	1.2	U	ug/L	1	1.2	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
4-Nitroaniline [100-01-6] ^	1.4	U	ug/L	1	1.4	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
4-Nitrophenol [100-02-7] ^	1.2	U	ug/L	1	1.2	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
Acenaphthene [83-32-9] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
Acenaphthylene [208-96-8] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
Anthracene [120-12-7] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
Benzidine [92-87-5] ^	1.5	U	ug/L	1	1.5	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
Benzo(a)anthracene [56-55-3] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
Benzo(a)pyrene [50-32-8] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
Benzo(b)fluoranthene [205-99-2] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
Benzo(g,h,i)perylene [191-24-2] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
Benzo(k)fluoranthene [207-08-9] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
Benzoic acid [65-85-0] ^	4.3	U	ug/L	1	4.3	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
Benzyl alcohol [100-51-6] ^	1.0	U	ug/L	1	1.0	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
Bis(2-chloroethoxy)methane [111-91-1] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
Bis(2-chloroethyl)ether [111-44-4] ^	2.1	U	ug/L	1	2.1	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
Bis(2-chloroisopropyl)ether [108-60-1] ^	2.2	U	ug/L	1	2.2	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	1.9	U	ug/L	1	1.9	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
Butylbenzylphthalate [85-68-7] ^	1.4	U	ug/L	1	1.4	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
Chrysene [218-01-9] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
Dibenzo(a,h)anthracene [53-70-3] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
Dibenzofuran [132-64-9] ^	1.3	U	ug/L	1	1.3	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
Diethylphthalate [84-66-2] ^	1.3	U	ug/L	1	1.3	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
Dimethylphthalate [131-11-3] ^	1.1	U	ug/L	1	1.1	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
Di-n-butylphthalate [84-74-2] ^	1.0	U	ug/L	1	1.0	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
Di-n-octylphthalate [117-84-0] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	



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Description: GP-6

Lab Sample ID: C809127-13

Received: 09/04/08 13:00

Matrix: Water

Sampled: 09/02/08 15:50

Work Order: C809127

Project: Test Cell Facility

Sampled By: Amy Conchas

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] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
Fluorene [86-73-7] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
Hexachlorobenzene [118-74-1] ^	1.1	U	ug/L	1	1.1	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
Hexachlorobutadiene [87-68-3] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
Hexachlorocyclopentadiene [77-47-4] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
Hexachloroethane [67-72-1] ^	2.4	U	ug/L	1	2.4	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
Isophorone [78-59-1] ^	1.8	U	ug/L	1	1.8	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
Naphthalene [91-20-3] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
Nitrobenzene [98-95-3] ^	1.9	U	ug/L	1	1.9	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
N-Nitrosodimethylamine [62-75-9] ^	1.9	U	ug/L	1	1.9	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
N-Nitroso-di-n-propylamine [621-64-7] ^	2.1	U	ug/L	1	2.1	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
N-Nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4]	1.1	U	ug/L	1	1.1	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
Pentachlorophenol [87-86-5] ^	1.2	U	ug/L	1	1.2	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
Phenanthrene [85-01-8] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
Phenol [108-95-2] ^	1.5	U	ug/L	1	1.5	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
Pyrene [129-00-0] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	
Pyridine [110-86-1] ^	2.1	U	ug/L	1	2.1	10	8I05014	EPA 8270C	09/05/08 19:28	JHH	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
2,4,6-Tribromophenol	75	1	100	75 %	32-129	8I05014	EPA 8270C	09/05/08 19:28	JHH	
2-Fluorobiphenyl	30	1	50.0	60 %	21-121	8I05014	EPA 8270C	09/05/08 19:28	JHH	
2-Fluorophenol	48	1	100	48 %	10-98	8I05014	EPA 8270C	09/05/08 19:28	JHH	
Nitrobenzene-d5	30	1	50.0	60 %	33-116	8I05014	EPA 8270C	09/05/08 19:28	JHH	
Phenol-d5	40	1	100	40 %	10-81	8I05014	EPA 8270C	09/05/08 19:28	JHH	
Terphenyl-d14	42	1	50.0	84 %	45-125	8I05014	EPA 8270C	09/05/08 19:28	JHH	

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



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Description: Trip Blank

Lab Sample ID: C809127-14

Received: 09/04/08 13:00

Matrix: Water

Sampled: 09/02/08 09:30

Work Order: C809127

Project: Test Cell Facility

Sampled By: Amy Conchas

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] ^	0.29	U	ug/L	1	0.29	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
1,1,2-Trichloroethane [79-00-5] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
1,1-Dichloroethene [75-35-4] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
1,1-Dichloropropene [563-58-6] ^	0.32	U	ug/L	1	0.32	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
1,2,3-Trichlorobenzene [87-61-6] ^	0.23	U	ug/L	1	0.23	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
1,2,3-Trichloropropane [96-18-4] ^	0.47	U	ug/L	1	0.47	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
1,2,4-Trichlorobenzene [120-82-1] ^	0.36	U	ug/L	1	0.36	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
1,2,4-Trimethylbenzene [95-63-6] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
1,2-Dibromoethane [106-93-4] ^	0.27	U	ug/L	1	0.27	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
1,2-Dichloroethane [107-06-2] ^	0.46	U	ug/L	1	0.46	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
1,3,5-Trimethylbenzene [108-67-8] ^	0.25	U	ug/L	1	0.25	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
1,3-Dichlorobenzene [541-73-1] ^	0.30	U	ug/L	1	0.30	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
1,3-Dichloropropane [142-28-9] ^	0.28	U	ug/L	1	0.28	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
1,4-Dichlorobenzene [106-46-7] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
2,2-Dichloropropane [594-20-7] ^	0.24	U	ug/L	1	0.24	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
2-Butanone [78-93-3] ^	0.44	U	ug/L	1	0.44	5.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.37	U	ug/L	1	0.37	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
2-Chlorotoluene [95-49-8] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
2-Hexanone [591-78-6] ^	0.60	U	ug/L	1	0.60	5.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
4-Chlorotoluene [106-43-4] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
4-Isopropyltoluene [99-87-6] ^	0.22	U	ug/L	1	0.22	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
4-Methyl-2-pentanone [108-10-1] ^	0.56	U	ug/L	1	0.56	5.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
Acetone [67-64-1] ^	0.62	U	ug/L	1	0.62	5.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
Bromobenzene [108-86-1] ^	0.21	U	ug/L	1	0.21	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
Bromochloromethane [74-97-5] ^	0.27	U	ug/L	1	0.27	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
Bromodichloromethane [75-27-4] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
Bromoform [75-25-2] ^	0.29	U	ug/L	1	0.29	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
Carbon disulfide [75-15-0] ^	0.40	U	ug/L	1	0.40	5.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
Carbon tetrachloride [56-23-5] ^	0.35	U	ug/L	1	0.35	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
Chloromethane [74-87-3] ^	0.23	U	ug/L	1	0.23	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
cis-1,2-Dichloroethene [156-59-2] ^	0.30	U	ug/L	1	0.30	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
cis-1,3-Dichloropropene [10061-01-5] ^	0.24	U	ug/L	1	0.24	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
Dibromochloromethane [124-48-1] ^	0.28	U	ug/L	1	0.28	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
Dibromomethane [74-95-3] ^	0.21	U	ug/L	1	0.21	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
Dichlorodifluoromethane [75-71-8] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
Hexachlorobutadiene [87-68-3] ^	0.35	U	ug/L	1	0.35	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
Isopropylbenzene [98-82-8] ^	0.24	U	ug/L	1	0.24	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
m,p-Xylenes [108-38-3/106-42-3] ^	0.40	U	ug/L	1	0.40	2.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
Methylene chloride [75-09-2] ^	0.24	U	ug/L	1	0.24	2.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	



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Description: Trip Blank
Matrix: Water
Project: Test Cell Facility

Lab Sample ID: C809127-14
Sampled: 09/02/08 09:30
Sampled By: Amy Conchas

Received: 09/04/08 13:00
Work Order: C809127

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] ^	0.29	U	ug/L	1	0.29	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
Naphthalene [91-20-3] ^	0.27	U	ug/L	1	0.27	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
n-Butyl Benzene [104-51-8] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
n-Propyl Benzene [103-65-1] ^	0.21	U	ug/L	1	0.21	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
sec-Butylbenzene [135-98-8] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
Styrene [100-42-5] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
tert-Butylbenzene [98-06-6] ^	0.22	U	ug/L	1	0.22	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
Toluene [108-88-3] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
trans-1,2-Dichloroethene [156-60-5] ^	0.25	U	ug/L	1	0.25	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
trans-1,3-Dichloropropene [10061-02-6] ^	0.30	U	ug/L	1	0.30	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
Trichloroethene [79-01-6] ^	0.25	U	ug/L	1	0.25	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	8I06001	EPA 8260B	09/06/08 16:45	jkg	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	40	1	50.0	79 %	69-120	8I06001	EPA 8260B	09/06/08 16:45	jkg	
Dibromofluoromethane	48	1	50.0	97 %	61-120	8I06001	EPA 8260B	09/06/08 16:45	jkg	
Toluene-d8	45	1	50.0	90 %	75-99	8I06001	EPA 8260B	09/06/08 16:45	jkg	

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



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Description: GP-7

Lab Sample ID: C809127-15

Received: 09/04/08 13:00

Matrix: Water

Sampled: 09/02/08 15:40

Work Order: C809127

Project: Test Cell Facility

Sampled By: Amy Conchas

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] ^	0.29	U	ug/L	1	0.29	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
1,1,2-Trichloroethane [79-00-5] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
1,1-Dichloroethene [75-35-4] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
1,1-Dichloropropene [563-58-6] ^	0.32	U	ug/L	1	0.32	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
1,2,3-Trichlorobenzene [87-61-6] ^	0.23	U	ug/L	1	0.23	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
1,2,3-Trichloropropane [96-18-4] ^	0.47	U	ug/L	1	0.47	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
1,2,4-Trichlorobenzene [120-82-1] ^	0.36	U	ug/L	1	0.36	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
1,2,4-Trimethylbenzene [95-63-6] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
1,2-Dibromoethane [106-93-4] ^	0.27	U	ug/L	1	0.27	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
1,2-Dichloroethane [107-06-2] ^	0.46	U	ug/L	1	0.46	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
1,3,5-Trimethylbenzene [108-67-8] ^	0.25	U	ug/L	1	0.25	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
1,3-Dichlorobenzene [541-73-1] ^	0.30	U	ug/L	1	0.30	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
1,3-Dichloropropane [142-28-9] ^	0.28	U	ug/L	1	0.28	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
1,4-Dichlorobenzene [106-46-7] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
2,2-Dichloropropane [594-20-7] ^	0.24	U	ug/L	1	0.24	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
2-Butanone [78-93-3] ^	0.44	U	ug/L	1	0.44	5.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.37	U	ug/L	1	0.37	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
2-Chlorotoluene [95-49-8] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
2-Hexanone [591-78-6] ^	0.60	U	ug/L	1	0.60	5.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
4-Chlorotoluene [106-43-4] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
4-Isopropyltoluene [99-87-6] ^	0.22	U	ug/L	1	0.22	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
4-Methyl-2-pentanone [108-10-1] ^	0.56	U	ug/L	1	0.56	5.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
Acetone [67-64-1] ^	0.62	U	ug/L	1	0.62	5.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
Bromobenzene [108-86-1] ^	0.21	U	ug/L	1	0.21	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
Bromochloromethane [74-97-5] ^	0.27	U	ug/L	1	0.27	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
Bromodichloromethane [75-27-4] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
Bromoform [75-25-2] ^	0.29	U	ug/L	1	0.29	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
Carbon disulfide [75-15-0] ^	0.40	U	ug/L	1	0.40	5.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
Carbon tetrachloride [56-23-5] ^	0.35	U	ug/L	1	0.35	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
Chloromethane [74-87-3] ^	0.23	U	ug/L	1	0.23	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
cis-1,2-Dichloroethene [156-59-2] ^	0.30	U	ug/L	1	0.30	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
cis-1,3-Dichloropropene [10061-01-5] ^	0.24	U	ug/L	1	0.24	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
Dibromochloromethane [124-48-1] ^	0.28	U	ug/L	1	0.28	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
Dibromomethane [74-95-3] ^	0.21	U	ug/L	1	0.21	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
Dichlorodifluoromethane [75-71-8] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
Hexachlorobutadiene [87-68-3] ^	0.35	U	ug/L	1	0.35	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
Isopropylbenzene [98-82-8] ^	0.24	U	ug/L	1	0.24	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
m,p-Xylenes [108-38-3/106-42-3] ^	0.40	U	ug/L	1	0.40	2.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	
Methylene chloride [75-09-2] ^	0.24	U	ug/L	1	0.24	2.0	8I06001	EPA 8260B	09/06/08 17:44	jkjg	



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Description: GP-7

Matrix: Water

Project: Test Cell Facility

Lab Sample ID: C809127-15

Sampled: 09/02/08 15:40

Sampled By: Amy Conchas

Received: 09/04/08 13:00

Work Order: C809127

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] ^	0.29	U	ug/L	1	0.29	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkg	
Naphthalene [91-20-3] ^	0.27	U	ug/L	1	0.27	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkg	
n-Butyl Benzene [104-51-8] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkg	
n-Propyl Benzene [103-65-1] ^	0.21	U	ug/L	1	0.21	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkg	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkg	
sec-Butylbenzene [135-98-8] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkg	
Styrene [100-42-5] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkg	
tert-Butylbenzene [98-06-6] ^	0.22	U	ug/L	1	0.22	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkg	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkg	
Toluene [108-88-3] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkg	
trans-1,2-Dichloroethene [156-60-5] ^	0.25	U	ug/L	1	0.25	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkg	
trans-1,3-Dichloropropene [10061-02-6] ^	0.30	U	ug/L	1	0.30	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkg	
Trichloroethene [79-01-6] ^	0.25	U	ug/L	1	0.25	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkg	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkg	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkg	
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	8I06001	EPA 8260B	09/06/08 17:44	jkg	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	39	1	50.0	79 %	69-120	8I06001	EPA 8260B	09/06/08 17:44	jkg	
Dibromofluoromethane	50	1	50.0	100 %	61-120	8I06001	EPA 8260B	09/06/08 17:44	jkg	
Toluene-d8	44	1	50.0	88 %	75-99	8I06001	EPA 8260B	09/06/08 17:44	jkg	



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Description: GP-7

Matrix: Water

Project: Test Cell Facility

Lab Sample ID: C809127-15

Sampled: 09/02/08 15:40

Sampled By: Amy Conchas

Received: 09/04/08 13:00

Work Order: C809127

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] ^	2.1	U	ug/L	1	2.1	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
1,2-Dichlorobenzene [95-50-1] ^	2.3	U	ug/L	1	2.3	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
1,3-Dichlorobenzene [541-73-1] ^	2.2	U	ug/L	1	2.2	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
1,4-Dichlorobenzene [106-46-7] ^	2.2	U	ug/L	1	2.2	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
1-Methylnaphthalene [90-12-0] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
2,4,5-Trichlorophenol [95-95-4] ^	1.1	U	ug/L	1	1.1	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
2,4,6-Trichlorophenol [88-06-2] ^	1.4	U	ug/L	1	1.4	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
2,4-Dichlorophenol [120-83-2] ^	1.6	U	ug/L	1	1.6	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
2,4-Dimethylphenol [105-67-9] ^	3.0	U	ug/L	1	3.0	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
2,4-Dinitrophenol [51-28-5] ^	1.7	U	ug/L	1	1.7	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
2,4-Dinitrotoluene [121-14-2] ^	1.2	U	ug/L	1	1.2	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
2,6-Dinitrotoluene [606-20-2] ^	1.0	U	ug/L	1	1.0	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
2-Chloronaphthalene [91-58-7] ^	1.6	U	ug/L	1	1.6	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
2-Chlorophenol [95-57-8] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	4.7	J	ug/L	1	1.4	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
2-Methylnaphthalene [91-57-6] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
2-Methylphenol [95-48-7] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
2-Nitroaniline [88-74-4] ^	1.2	U	ug/L	1	1.2	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
2-Nitrophenol [88-75-5] ^	1.8	U	ug/L	1	1.8	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
3 & 4-Methylphenol	1.9	U	ug/L	1	1.9	20	8I05014	EPA 8270C	09/05/08 19:54	JHH	
3,3'-Dichlorobenzidine [91-94-1]	1.8	U	ug/L	1	1.8	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
3-Nitroaniline [99-09-2] ^	1.6	U	ug/L	1	1.6	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
4-Bromophenyl-phenylether [101-55-3] ^	1.2	U	ug/L	1	1.2	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
4-Chloro-3-methylphenol [59-50-7] ^	1.4	U	ug/L	1	1.4	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
4-Chloroaniline [106-47-8] ^	1.6	U	ug/L	1	1.6	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
4-Chlorophenyl-phenylether [7005-72-3] ^	1.2	U	ug/L	1	1.2	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
4-Nitroaniline [100-01-6] ^	1.4	U	ug/L	1	1.4	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
4-Nitrophenol [100-02-7] ^	5.3	J	ug/L	1	1.2	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
Acenaphthene [83-32-9] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
Acenaphthylene [208-96-8] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
Anthracene [120-12-7] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
Benzidine [92-87-5] ^	1.5	U	ug/L	1	1.5	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
Benzo(a)anthracene [56-55-3] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
Benzo(a)pyrene [50-32-8] ^	4.4	J	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
Benzo(b)fluoranthene [205-99-2] ^	6.5	J	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
Benzo(g,h,i)perylene [191-24-2] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
Benzo(k)fluoranthene [207-08-9] ^	2.3	J	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
Benzoic acid [65-85-0] ^	4.3	U	ug/L	1	4.3	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
Benzyl alcohol [100-51-6] ^	1.0	U	ug/L	1	1.0	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
Bis(2-chloroethoxy)methane [111-91-1] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
Bis(2-chloroethyl)ether [111-44-4] ^	2.1	U	ug/L	1	2.1	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
Bis(2-chloroisopropyl)ether [108-60-1] ^	2.2	U	ug/L	1	2.2	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	1.9	U	ug/L	1	1.9	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
Butylbenzylphthalate [85-68-7] ^	1.4	U	ug/L	1	1.4	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
Chrysene [218-01-9] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
Dibenzo(a,h)anthracene [53-70-3] ^	2.6	J	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
Dibenzofuran [132-64-9] ^	1.3	U	ug/L	1	1.3	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
Diethylphthalate [84-66-2] ^	1.3	U	ug/L	1	1.3	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
Dimethylphthalate [131-11-3] ^	1.1	U	ug/L	1	1.1	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
Di-n-butylphthalate [84-74-2] ^	1.0	U	ug/L	1	1.0	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
Di-n-octylphthalate [117-84-0] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	



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Description: GP-7

Lab Sample ID: C809127-15

Received: 09/04/08 13:00

Matrix: Water

Sampled: 09/02/08 15:40

Work Order: C809127

Project: Test Cell Facility

Sampled By: Amy Conchas

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] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
Fluorene [86-73-7] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
Hexachlorobenzene [118-74-1] ^	1.1	U	ug/L	1	1.1	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
Hexachlorobutadiene [87-68-3] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
Hexachlorocyclopentadiene [77-47-4] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
Hexachloroethane [67-72-1] ^	2.4	U	ug/L	1	2.4	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	2.6	J	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
Isophorone [78-59-1] ^	1.8	U	ug/L	1	1.8	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
Naphthalene [91-20-3] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
Nitrobenzene [98-95-3] ^	1.9	U	ug/L	1	1.9	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
N-Nitrosodimethylamine [62-75-9] ^	1.9	U	ug/L	1	1.9	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
N-Nitroso-di-n-propylamine [621-64-7] ^	2.1	U	ug/L	1	2.1	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
N-Nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4]	1.1	U	ug/L	1	1.1	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
Pentachlorophenol [87-86-5] ^	1.2	U	ug/L	1	1.2	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
Phenanthrene [85-01-8] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
Phenol [108-95-2] ^	1.5	U	ug/L	1	1.5	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
Pyrene [129-00-0] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	
Pyridine [110-86-1] ^	2.1	U	ug/L	1	2.1	10	8I05014	EPA 8270C	09/05/08 19:54	JHH	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
2,4,6-Tribromophenol	74	1	100	74 %	32-129	8I05014	EPA 8270C	09/05/08 19:54	JHH	
2-Fluorobiphenyl	30	1	50.0	60 %	21-121	8I05014	EPA 8270C	09/05/08 19:54	JHH	
2-Fluorophenol	48	1	100	48 %	10-98	8I05014	EPA 8270C	09/05/08 19:54	JHH	
Nitrobenzene-d5	30	1	50.0	60 %	33-116	8I05014	EPA 8270C	09/05/08 19:54	JHH	
Phenol-d5	40	1	100	40 %	10-81	8I05014	EPA 8270C	09/05/08 19:54	JHH	
Terphenyl-d14	43	1	50.0	86 %	45-125	8I05014	EPA 8270C	09/05/08 19:54	JHH	

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



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Description: GP-8

Lab Sample ID: C809127-16

Received: 09/04/08 13:00

Matrix: Water

Sampled: 09/02/08 16:50

Work Order: C809127

Project: Test Cell Facility

Sampled By: Amy Conchas

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] ^	0.29	U	ug/L	1	0.29	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
1,1,1-Trichloroethane [71-55-6] ^	0.27	U	ug/L	1	0.27	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
1,1,2,2-Tetrachloroethane [79-34-5] ^	0.33	U	ug/L	1	0.33	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
1,1,2-Trichloroethane [79-00-5] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
1,1-Dichloroethane [75-34-3] ^	0.33	U	ug/L	1	0.33	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
1,1-Dichloroethene [75-35-4] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
1,1-Dichloropropene [563-58-6] ^	0.32	U	ug/L	1	0.32	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
1,2,3-Trichlorobenzene [87-61-6] ^	0.23	U	ug/L	1	0.23	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
1,2,3-Trichloropropane [96-18-4] ^	0.47	U	ug/L	1	0.47	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
1,2,4-Trichlorobenzene [120-82-1] ^	0.36	U	ug/L	1	0.36	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
1,2,4-Trimethylbenzene [95-63-6] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
1,2-Dibromo-3-chloropropane [96-12-8] ^	0.48	U	ug/L	1	0.48	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
1,2-Dibromoethane [106-93-4] ^	0.27	U	ug/L	1	0.27	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
1,2-Dichlorobenzene [95-50-1] ^	0.27	U	ug/L	1	0.27	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
1,2-Dichloroethane [107-06-2] ^	0.46	U	ug/L	1	0.46	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
1,2-Dichloropropane [78-87-5] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
1,3,5-Trimethylbenzene [108-67-8] ^	0.25	U	ug/L	1	0.25	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
1,3-Dichlorobenzene [541-73-1] ^	0.30	U	ug/L	1	0.30	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
1,3-Dichloropropane [142-28-9] ^	0.28	U	ug/L	1	0.28	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
1,4-Dichlorobenzene [106-46-7] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
2,2-Dichloropropane [594-20-7] ^	0.24	U	ug/L	1	0.24	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
2-Butanone [78-93-3] ^	0.44	U	ug/L	1	0.44	5.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
2-Chloroethyl Vinyl Ether [110-75-8] ^	0.37	U	ug/L	1	0.37	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
2-Chlorotoluene [95-49-8] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
2-Hexanone [591-78-6] ^	0.60	U	ug/L	1	0.60	5.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
4-Chlorotoluene [106-43-4] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
4-Isopropyltoluene [99-87-6] ^	0.22	U	ug/L	1	0.22	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
4-Methyl-2-pentanone [108-10-1] ^	0.56	U	ug/L	1	0.56	5.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
Acetone [67-64-1] ^	0.62	U	ug/L	1	0.62	5.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
Benzene [71-43-2] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
Bromobenzene [108-86-1] ^	0.21	U	ug/L	1	0.21	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
Bromochloromethane [74-97-5] ^	0.27	U	ug/L	1	0.27	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
Bromodichloromethane [75-27-4] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
Bromoform [75-25-2] ^	0.29	U	ug/L	1	0.29	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
Bromomethane [74-83-9] ^	0.49	U	ug/L	1	0.49	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
Carbon disulfide [75-15-0] ^	0.40	U	ug/L	1	0.40	5.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
Carbon tetrachloride [56-23-5] ^	0.35	U	ug/L	1	0.35	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
Chlorobenzene [108-90-7] ^	0.27	U	ug/L	1	0.27	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
Chloroethane [75-00-3] ^	0.30	U	ug/L	1	0.30	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
Chloroform [67-66-3] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
Chloromethane [74-87-3] ^	0.23	U	ug/L	1	0.23	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
cis-1,2-Dichloroethene [156-59-2] ^	0.30	U	ug/L	1	0.30	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
cis-1,3-Dichloropropene [10061-01-5] ^	0.24	U	ug/L	1	0.24	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
Dibromochloromethane [124-48-1] ^	0.28	U	ug/L	1	0.28	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
Dibromomethane [74-95-3] ^	0.21	U	ug/L	1	0.21	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
Dichlorodifluoromethane [75-71-8] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
Ethylbenzene [100-41-4] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
Hexachlorobutadiene [87-68-3] ^	0.35	U	ug/L	1	0.35	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
Isopropylbenzene [98-82-8] ^	0.24	U	ug/L	1	0.24	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
m,p-Xylenes [108-38-3/106-42-3] ^	0.40	U	ug/L	1	0.40	2.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
Methylene chloride [75-09-2] ^	0.24	U	ug/L	1	0.24	2.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	



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Description: GP-8

Lab Sample ID: C809127-16

Received: 09/04/08 13:00

Matrix: Water

Sampled: 09/02/08 16:50

Work Order: C809127

Project: Test Cell Facility

Sampled By: Amy Conchas

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] ^	0.29	U	ug/L	1	0.29	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
Naphthalene [91-20-3] ^	0.27	U	ug/L	1	0.27	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
n-Butyl Benzene [104-51-8] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
n-Propyl Benzene [103-65-1] ^	0.21	U	ug/L	1	0.21	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
o-Xylene [95-47-6] ^	0.27	U	ug/L	1	0.27	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
sec-Butylbenzene [135-98-8] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
Styrene [100-42-5] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
tert-Butylbenzene [98-06-6] ^	0.22	U	ug/L	1	0.22	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
Tetrachloroethene [127-18-4] ^	0.36	U	ug/L	1	0.36	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
Toluene [108-88-3] ^	0.20	U	ug/L	1	0.20	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
trans-1,2-Dichloroethene [156-60-5] ^	0.25	U	ug/L	1	0.25	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
trans-1,3-Dichloropropene [10061-02-6] ^	0.30	U	ug/L	1	0.30	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
Trichloroethene [79-01-6] ^	0.25	U	ug/L	1	0.25	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
Trichlorofluoromethane [75-69-4] ^	0.28	U	ug/L	1	0.28	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
Vinyl chloride [75-01-4] ^	0.30	U	ug/L	1	0.30	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	
Xylenes (Total) [1330-20-7]	0.40	U	ug/L	1	0.40	1.0	8I06001	EPA 8260B	09/06/08 18:14	jkg	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
4-Bromofluorobenzene	39	1	50.0	78 %	69-120	8I06001	EPA 8260B	09/06/08 18:14	jkg	
Dibromofluoromethane	52	1	50.0	104 %	61-120	8I06001	EPA 8260B	09/06/08 18:14	jkg	
Toluene-d8	46	1	50.0	92 %	75-99	8I06001	EPA 8260B	09/06/08 18:14	jkg	



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Description: GP-8

Matrix: Water

Project: Test Cell Facility

Lab Sample ID: C809127-16

Sampled: 09/02/08 16:50

Sampled By: Amy Conchas

Received: 09/04/08 13:00

Work Order: C809127

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] ^	2.1	U	ug/L	1	2.1	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
1,2-Dichlorobenzene [95-50-1] ^	2.3	U	ug/L	1	2.3	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
1,3-Dichlorobenzene [541-73-1] ^	2.2	U	ug/L	1	2.2	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
1,4-Dichlorobenzene [106-46-7] ^	2.2	U	ug/L	1	2.2	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
1-Methylnaphthalene [90-12-0] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
2,4,5-Trichlorophenol [95-95-4] ^	1.1	U	ug/L	1	1.1	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
2,4,6-Trichlorophenol [88-06-2] ^	1.4	U	ug/L	1	1.4	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
2,4-Dichlorophenol [120-83-2] ^	1.6	U	ug/L	1	1.6	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
2,4-Dimethylphenol [105-67-9] ^	3.0	U	ug/L	1	3.0	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
2,4-Dinitrophenol [51-28-5] ^	1.7	U	ug/L	1	1.7	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
2,4-Dinitrotoluene [121-14-2] ^	1.2	U	ug/L	1	1.2	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
2,6-Dinitrotoluene [606-20-2] ^	1.0	U	ug/L	1	1.0	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
2-Chloronaphthalene [91-58-7] ^	1.6	U	ug/L	1	1.6	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
2-Chlorophenol [95-57-8] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
2-Methyl-4,6-dinitrophenol [534-52-1] ^	1.4	U	ug/L	1	1.4	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
2-Methylnaphthalene [91-57-6] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
2-Methylphenol [95-48-7] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
2-Nitroaniline [88-74-4] ^	1.2	U	ug/L	1	1.2	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
2-Nitrophenol [88-75-5] ^	1.8	U	ug/L	1	1.8	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
3 & 4-Methylphenol	1.9	U	ug/L	1	1.9	20	8I05014	EPA 8270C	09/05/08 20:21	JHH	
3,3'-Dichlorobenzidine [91-94-1]	1.8	U	ug/L	1	1.8	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
3-Nitroaniline [99-09-2] ^	1.6	U	ug/L	1	1.6	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
4-Bromophenyl-phenylether [101-55-3] ^	1.2	U	ug/L	1	1.2	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
4-Chloro-3-methylphenol [59-50-7] ^	1.4	U	ug/L	1	1.4	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
4-Chloroaniline [106-47-8] ^	1.6	U	ug/L	1	1.6	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
4-Chlorophenyl-phenylether [7005-72-3] ^	1.2	U	ug/L	1	1.2	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
4-Nitroaniline [100-01-6] ^	1.4	U	ug/L	1	1.4	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
4-Nitrophenol [100-02-7] ^	1.2	U	ug/L	1	1.2	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
Acenaphthene [83-32-9] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
Acenaphthylene [208-96-8] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
Anthracene [120-12-7] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
Benzidine [92-87-5] ^	1.5	U	ug/L	1	1.5	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
Benzo(a)anthracene [56-55-3] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
Benzo(a)pyrene [50-32-8] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
Benzo(b)fluoranthene [205-99-2] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
Benzo(g,h,i)perylene [191-24-2] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
Benzo(k)fluoranthene [207-08-9] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
Benzoic acid [65-85-0] ^	4.3	U	ug/L	1	4.3	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
Benzyl alcohol [100-51-6] ^	1.0	U	ug/L	1	1.0	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
Bis(2-chloroethoxy)methane [111-91-1] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
Bis(2-chloroethyl)ether [111-44-4] ^	2.1	U	ug/L	1	2.1	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
Bis(2-chloroisopropyl)ether [108-60-1] ^	2.2	U	ug/L	1	2.2	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
Bis(2-ethylhexyl)phthalate [117-81-7] ^	1.9	U	ug/L	1	1.9	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
Butylbenzylphthalate [85-68-7] ^	1.8	J	ug/L	1	1.4	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
Chrysene [218-01-9] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
Dibenzo(a,h)anthracene [53-70-3] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
Dibenzofuran [132-64-9] ^	1.3	U	ug/L	1	1.3	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
Diethylphthalate [84-66-2] ^	1.3	U	ug/L	1	1.3	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
Dimethylphthalate [131-11-3] ^	1.1	U	ug/L	1	1.1	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
Di-n-butylphthalate [84-74-2] ^	1.0	U	ug/L	1	1.0	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
Di-n-octylphthalate [117-84-0] ^	4.4	J	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	



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Description: GP-8

Lab Sample ID: C809127-16

Received: 09/04/08 13:00

Matrix: Water

Sampled: 09/02/08 16:50

Work Order: C809127

Project: Test Cell Facility

Sampled By: Amy Conchas

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] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
Fluorene [86-73-7] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
Hexachlorobenzene [118-74-1] ^	1.1	U	ug/L	1	1.1	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
Hexachlorobutadiene [87-68-3] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
Hexachlorocyclopentadiene [77-47-4] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
Hexachloroethane [67-72-1] ^	2.4	U	ug/L	1	2.4	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
Indeno(1,2,3-cd)pyrene [193-39-5] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
Isophorone [78-59-1] ^	1.8	U	ug/L	1	1.8	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
Naphthalene [91-20-3] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
Nitrobenzene [98-95-3] ^	1.9	U	ug/L	1	1.9	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
N-Nitrosodimethylamine [62-75-9] ^	1.9	U	ug/L	1	1.9	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
N-Nitroso-di-n-propylamine [621-64-7] ^	2.1	U	ug/L	1	2.1	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
N-Nitrosodiphenylamine/Diphenylamine [86-30-6/122-39-4]	1.1	U	ug/L	1	1.1	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
Pentachlorophenol [87-86-5] ^	1.2	U	ug/L	1	1.2	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
Phenanthrene [85-01-8] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
Phenol [108-95-2] ^	1.5	U	ug/L	1	1.5	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
Pyrene [129-00-0] ^	2.0	U	ug/L	1	2.0	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	
Pyridine [110-86-1] ^	2.1	U	ug/L	1	2.1	10	8I05014	EPA 8270C	09/05/08 20:21	JHH	

Surrogates	Results	DF	Spike Lvl	% Rec	% Rec Limits	Batch	Method	Analyzed	By	Notes
2,4,6-Tribromophenol	75	1	100	75 %	32-129	8I05014	EPA 8270C	09/05/08 20:21	JHH	
2-Fluorobiphenyl	29	1	50.0	58 %	21-121	8I05014	EPA 8270C	09/05/08 20:21	JHH	
2-Fluorophenol	41	1	100	41 %	10-98	8I05014	EPA 8270C	09/05/08 20:21	JHH	
Nitrobenzene-d5	28	1	50.0	56 %	33-116	8I05014	EPA 8270C	09/05/08 20:21	JHH	
Phenol-d5	35	1	100	35 %	10-81	8I05014	EPA 8270C	09/05/08 20:21	JHH	
Terphenyl-d14	42	1	50.0	83 %	45-125	8I05014	EPA 8270C	09/05/08 20:21	JHH	

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

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 8I05020 - EPA 5030B_MS

Blank (8I05020-BLK1)

Prepared: 09/05/2008 13:26 Analyzed: 09/05/2008 23:32

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Dichlorodifluoromethane	0.20	U	1.0	ug/L							
Chloromethane	0.23	U	1.0	ug/L							
Vinyl chloride	0.30	U	1.0	ug/L							
Bromomethane	0.49	U	1.0	ug/L							
Chloroethane	0.30	U	1.0	ug/L							
Trichlorofluoromethane	0.28	U	1.0	ug/L							
1,1-Dichloroethene	0.20	U	1.0	ug/L							
Acetone	0.62	U	5.0	ug/L							
Carbon disulfide	0.40	U	5.0	ug/L							
Methylene chloride	0.24	U	2.0	ug/L							
Methyl-tert-Butyl Ether	0.29	U	1.0	ug/L							
trans-1,2-Dichloroethene	0.25	U	1.0	ug/L							
1,1-Dichloroethane	0.33	U	1.0	ug/L							
2-Butanone	0.44	U	5.0	ug/L							
cis-1,2-Dichloroethene	0.30	U	1.0	ug/L							
2,2-Dichloropropane	0.24	U	1.0	ug/L							
Bromochloromethane	0.27	U	1.0	ug/L							
Chloroform	0.20	U	1.0	ug/L							
1,1,1-Trichloroethane	0.27	U	1.0	ug/L							
1,1-Dichloropropene	0.32	U	1.0	ug/L							
Carbon tetrachloride	0.35	U	1.0	ug/L							
1,2-Dichloroethane	0.46	U	1.0	ug/L							
Benzene	0.20	U	1.0	ug/L							
Trichloroethene	0.25	U	1.0	ug/L							
1,2-Dichloropropane	0.20	U	1.0	ug/L							
Dibromomethane	0.21	U	1.0	ug/L							
Bromodichloromethane	0.20	U	1.0	ug/L							
2-Chloroethyl Vinyl Ether	0.37	U	1.0	ug/L							
cis-1,3-Dichloropropene	0.24	U	1.0	ug/L							
4-Methyl-2-pentanone	0.56	U	5.0	ug/L							
Toluene	0.20	U	1.0	ug/L							
trans-1,3-Dichloropropene	0.30	U	1.0	ug/L							
1,1,2-Trichloroethane	0.20	U	1.0	ug/L							
1,3-Dichloropropane	0.28	U	1.0	ug/L							
Tetrachloroethene	0.36	U	1.0	ug/L							
2-Hexanone	0.60	U	5.0	ug/L							
Dibromochloromethane	0.28	U	1.0	ug/L							
1,2-Dibromoethane	0.27	U	1.0	ug/L							
Chlorobenzene	0.27	U	1.0	ug/L							
1,1,1,2-Tetrachloroethane	0.29	U	1.0	ug/L							
Ethylbenzene	0.20	U	1.0	ug/L							
m,p-Xylenes	0.40	U	2.0	ug/L							
o-Xylene	0.27	U	1.0	ug/L							
Styrene	0.20	U	1.0	ug/L							
Bromoform	0.29	U	1.0	ug/L							
Isopropylbenzene	0.24	U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	0.33	U	1.0	ug/L							
Bromobenzene	0.21	U	1.0	ug/L							
1,2,3-Trichloropropane	0.47	U	1.0	ug/L							

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 8105020 - EPA 5030B_MS

Blank (8105020-BLK1) Continued

Prepared: 09/05/2008 13:26 Analyzed: 09/05/2008 23:32

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
n-Propyl Benzene	0.21	U	1.0	ug/L							
2-Chlorotoluene	0.20	U	1.0	ug/L							
1,3,5-Trimethylbenzene	0.25	U	1.0	ug/L							
4-Chlorotoluene	0.20	U	1.0	ug/L							
tert-Butylbenzene	0.22	U	1.0	ug/L							
1,2,4-Trimethylbenzene	0.20	U	1.0	ug/L							
sec-Butylbenzene	0.20	U	1.0	ug/L							
1,3-Dichlorobenzene	0.30	U	1.0	ug/L							
4-Isopropyltoluene	0.22	U	1.0	ug/L							
1,4-Dichlorobenzene	0.20	U	1.0	ug/L							
n-Butyl Benzene	0.20	U	1.0	ug/L							
1,2-Dichlorobenzene	0.27	U	1.0	ug/L							
1,2-Dibromo-3-chloropropane	0.48	U	1.0	ug/L							
1,2,4-Trichlorobenzene	0.36	U	1.0	ug/L							
Hexachlorobutadiene	0.35	U	1.0	ug/L							
Naphthalene	0.27	U	1.0	ug/L							
1,2,3-Trichlorobenzene	0.23	U	1.0	ug/L							
Xylenes (Total)	0.40	U	1.0	ug/L							
Surrogate: Dibromofluoromethane	49			ug/L	50.0		98	61-120			
Surrogate: Toluene-d8	44			ug/L	50.0		88	75-99			
Surrogate: 4-Bromofluorobenzene	38			ug/L	50.0		77	69-120			

LCS (8105020-BS1)

Prepared: 09/05/2008 13:26 Analyzed: 09/06/2008 00:02

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		106	71-121			
Benzene	22		1.0	ug/L	20.0		111	77-128			
Trichloroethene	20		1.0	ug/L	20.0		99	79-120			
Toluene	18		1.0	ug/L	20.0		90	77-120			
Chlorobenzene	20		1.0	ug/L	20.0		100	78-120			
Surrogate: Dibromofluoromethane	50			ug/L	50.0		100	61-120			
Surrogate: Toluene-d8	45			ug/L	50.0		90	75-99			
Surrogate: 4-Bromofluorobenzene	39			ug/L	50.0		77	69-120			

Matrix Spike (8105020-MS1)

Prepared: 09/05/2008 13:26 Analyzed: 09/06/2008 00:31

Source: C809529-13

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	0.20 U	93	71-121			
Benzene	19		1.0	ug/L	20.0	0.20 U	96	77-128			
Trichloroethene	17		1.0	ug/L	20.0	0.25 U	87	79-120			
Toluene	16		1.0	ug/L	20.0	0.20 U	78	77-120			
Chlorobenzene	18		1.0	ug/L	20.0	0.27 U	91	78-120			
Surrogate: Dibromofluoromethane	50			ug/L	50.0		100	61-120			
Surrogate: Toluene-d8	43			ug/L	50.0		87	75-99			
Surrogate: 4-Bromofluorobenzene	40			ug/L	50.0		80	69-120			

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 8I05020 - EPA 5030B_MS

Matrix Spike Dup (8I05020-MSD1)

Prepared: 09/05/2008 13:26 Analyzed: 09/06/2008 01:00

Source: C809529-13

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	0.20 U	99	71-121	7	27	
Benzene	21		1.0	ug/L	20.0	0.20 U	104	77-128	8	27	
Trichloroethene	18		1.0	ug/L	20.0	0.25 U	91	79-120	4	27	
Toluene	17		1.0	ug/L	20.0	0.20 U	86	77-120	9	23	
Chlorobenzene	19		1.0	ug/L	20.0	0.27 U	95	78-120	4	25	
Surrogate: Dibromofluoromethane	50			ug/L	50.0		100	61-120			
Surrogate: Toluene-d8	45			ug/L	50.0		90	75-99			
Surrogate: 4-Bromofluorobenzene	42			ug/L	50.0		84	69-120			

Batch 8I06001 - EPA 5030B_MS

Blank (8I06001-BLK1)

Prepared: 09/06/2008 12:34 Analyzed: 09/06/2008 12:49

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Dichlorodifluoromethane	0.20	U	1.0	ug/L							
Chloromethane	0.23	U	1.0	ug/L							
Vinyl chloride	0.30	U	1.0	ug/L							
Bromomethane	0.49	U	1.0	ug/L							
Chloroethane	0.30	U	1.0	ug/L							
Trichlorofluoromethane	0.28	U	1.0	ug/L							
1,1-Dichloroethene	0.20	U	1.0	ug/L							
Acetone	0.62	U	5.0	ug/L							
Carbon disulfide	0.40	U	5.0	ug/L							
Methylene chloride	0.24	U	2.0	ug/L							
Methyl-tert-Butyl Ether	0.29	U	1.0	ug/L							
trans-1,2-Dichloroethene	0.25	U	1.0	ug/L							
1,1-Dichloroethane	0.33	U	1.0	ug/L							
2-Butanone	0.44	U	5.0	ug/L							
cis-1,2-Dichloroethene	0.30	U	1.0	ug/L							
2,2-Dichloropropane	0.24	U	1.0	ug/L							
Bromochloromethane	0.27	U	1.0	ug/L							
Chloroform	0.20	U	1.0	ug/L							
1,1,1-Trichloroethane	0.27	U	1.0	ug/L							
1,1-Dichloropropene	0.32	U	1.0	ug/L							
Carbon tetrachloride	0.35	U	1.0	ug/L							
1,2-Dichloroethane	0.46	U	1.0	ug/L							
Benzene	0.20	U	1.0	ug/L							
Trichloroethene	0.25	U	1.0	ug/L							
1,2-Dichloropropane	0.20	U	1.0	ug/L							
Dibromomethane	0.21	U	1.0	ug/L							
Bromodichloromethane	0.20	U	1.0	ug/L							
2-Chloroethyl Vinyl Ether	0.37	U	1.0	ug/L							
cis-1,3-Dichloropropene	0.24	U	1.0	ug/L							
4-Methyl-2-pentanone	0.56	U	5.0	ug/L							
Toluene	0.20	U	1.0	ug/L							
trans-1,3-Dichloropropene	0.30	U	1.0	ug/L							
1,1,2-Trichloroethane	0.20	U	1.0	ug/L							

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 8I06001 - EPA 5030B_MS

Blank (8I06001-BLK1) Continued

Prepared: 09/06/2008 12:34 Analyzed: 09/06/2008 12:49

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,3-Dichloropropane	0.28	U	1.0	ug/L							
Tetrachloroethene	0.36	U	1.0	ug/L							
2-Hexanone	0.60	U	5.0	ug/L							
Dibromochloromethane	0.28	U	1.0	ug/L							
1,2-Dibromoethane	0.27	U	1.0	ug/L							
Chlorobenzene	0.27	U	1.0	ug/L							
1,1,1,2-Tetrachloroethane	0.29	U	1.0	ug/L							
Ethylbenzene	0.20	U	1.0	ug/L							
m,p-Xylenes	0.40	U	2.0	ug/L							
o-Xylene	0.27	U	1.0	ug/L							
Styrene	0.20	U	1.0	ug/L							
Bromoform	0.29	U	1.0	ug/L							
Isopropylbenzene	0.24	U	1.0	ug/L							
1,1,2,2-Tetrachloroethane	0.33	U	1.0	ug/L							
Bromobenzene	0.21	U	1.0	ug/L							
1,2,3-Trichloropropane	0.47	U	1.0	ug/L							
n-Propyl Benzene	0.21	U	1.0	ug/L							
2-Chlorotoluene	0.20	U	1.0	ug/L							
1,3,5-Trimethylbenzene	0.25	U	1.0	ug/L							
4-Chlorotoluene	0.20	U	1.0	ug/L							
tert-Butylbenzene	0.22	U	1.0	ug/L							
1,2,4-Trimethylbenzene	0.20	U	1.0	ug/L							
sec-Butylbenzene	0.20	U	1.0	ug/L							
1,3-Dichlorobenzene	0.30	U	1.0	ug/L							
4-Isopropyltoluene	0.22	U	1.0	ug/L							
1,4-Dichlorobenzene	0.20	U	1.0	ug/L							
n-Butyl Benzene	0.20	U	1.0	ug/L							
1,2-Dichlorobenzene	0.27	U	1.0	ug/L							
1,2-Dibromo-3-chloropropane	0.48	U	1.0	ug/L							
1,2,4-Trichlorobenzene	0.36	U	1.0	ug/L							
Hexachlorobutadiene	0.35	U	1.0	ug/L							
Naphthalene	0.27	U	1.0	ug/L							
1,2,3-Trichlorobenzene	0.23	U	1.0	ug/L							
Xylenes (Total)	0.40	U	1.0	ug/L							
Surrogate: Dibromofluoromethane	50			ug/L	50.0		100	61-120			
Surrogate: Toluene-d8	46			ug/L	50.0		91	75-99			
Surrogate: 4-Bromofluorobenzene	40			ug/L	50.0		80	69-120			

LCS (8I06001-BS1)

Prepared: 09/06/2008 12:34 Analyzed: 09/06/2008 13:18

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		107	71-121			
Benzene	23		1.0	ug/L	20.0		113	77-128			
Trichloroethene	21		1.0	ug/L	20.0		104	79-120			
Toluene	18		1.0	ug/L	20.0		91	77-120			
Chlorobenzene	21		1.0	ug/L	20.0		104	78-120			
Surrogate: Dibromofluoromethane	51			ug/L	50.0		102	61-120			
Surrogate: Toluene-d8	45			ug/L	50.0		91	75-99			

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 8I06001 - EPA 5030B_MS

LCS (8I06001-BS1) Continued

Prepared: 09/06/2008 12:34 Analyzed: 09/06/2008 13:18

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Surrogate: 4-Bromofluorobenzene	42			ug/L	50.0		84	69-120			

Matrix Spike (8I06001-MS1)

Prepared: 09/06/2008 12:34 Analyzed: 09/06/2008 13:48

Source: C809682-01

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	0.20 U	108	71-121			
Benzene	23		1.0	ug/L	20.0	0.20 U	114	77-128			
Trichloroethene	19		1.0	ug/L	20.0	0.25 U	96	79-120			
Toluene	18		1.0	ug/L	20.0	0.20 U	89	77-120			
Chlorobenzene	20		1.0	ug/L	20.0	0.27 U	102	78-120			
Surrogate: Dibromofluoromethane	50			ug/L	50.0		99	61-120			
Surrogate: Toluene-d8	53			ug/L	50.0		105	75-99			QS-03
Surrogate: 4-Bromofluorobenzene	42			ug/L	50.0		84	69-120			

Matrix Spike Dup (8I06001-MSD1)

Prepared: 09/06/2008 12:34 Analyzed: 09/06/2008 14:17

Source: C809682-01

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	0.20 U	104	71-121	4	27	
Benzene	22		1.0	ug/L	20.0	0.20 U	112	77-128	2	27	
Trichloroethene	19		1.0	ug/L	20.0	0.25 U	96	79-120	0.4	27	
Toluene	18		1.0	ug/L	20.0	0.20 U	91	77-120	2	23	
Chlorobenzene	20		1.0	ug/L	20.0	0.27 U	102	78-120	0.3	25	
Surrogate: Dibromofluoromethane	51			ug/L	50.0		102	61-120			
Surrogate: Toluene-d8	47			ug/L	50.0		94	75-99			
Surrogate: 4-Bromofluorobenzene	44			ug/L	50.0		87	69-120			

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 8I05014 - EPA 3510C_MS

Blank (8I05014-BLK1)

Prepared: 09/05/2008 10:39 Analyzed: 09/05/2008 16:06

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	2.1	U	10	ug/L							
1,2-Dichlorobenzene	2.3	U	10	ug/L							
1,3-Dichlorobenzene	2.2	U	10	ug/L							
1,4-Dichlorobenzene	2.2	U	10	ug/L							
1-Methylnaphthalene	2.0	U	10	ug/L							
2,4,5-Trichlorophenol	1.1	U	10	ug/L							
2,4,6-Trichlorophenol	1.4	U	10	ug/L							
2,4-Dichlorophenol	1.6	U	10	ug/L							
2,4-Dimethylphenol	3.0	U	10	ug/L							
2,4-Dinitrophenol	1.7	U	10	ug/L							
2,4-Dinitrotoluene	1.2	U	10	ug/L							
2,6-Dinitrotoluene	1.0	U	10	ug/L							
2-Chloronaphthalene	1.6	U	10	ug/L							

QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 8I05014 - EPA 3510C_MS

Blank (8I05014-BLK1) Continued

Prepared: 09/05/2008 10:39 Analyzed: 09/05/2008 16:06

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
2-Chlorophenol	2.0	U	10	ug/L							
2-Methylnaphthalene	2.0	U	10	ug/L							
2-Methylphenol	2.0	U	10	ug/L							
2-Nitroaniline	1.2	U	10	ug/L							
2-Nitrophenol	1.8	U	10	ug/L							
3,3'-Dichlorobenzidine	1.8	U	10	ug/L							
3 & 4-Methylphenol	1.9	U	20	ug/L							
3-Nitroaniline	1.6	U	10	ug/L							
2-Methyl-4,6-dinitrophenol	1.4	U	10	ug/L							
4-Bromophenyl-phenylether	1.2	U	10	ug/L							
4-Chloro-3-methylphenol	1.4	U	10	ug/L							
4-Chloroaniline	1.6	U	10	ug/L							
4-Chlorophenyl-phenylether	1.2	U	10	ug/L							
4-Nitroaniline	1.4	U	10	ug/L							
4-Nitrophenol	1.2	U	10	ug/L							
Acenaphthene	2.0	U	10	ug/L							
Acenaphthylene	2.0	U	10	ug/L							
Anthracene	2.0	U	10	ug/L							
Benzo(a)anthracene	2.0	U	10	ug/L							
Benidine	1.5	U	10	ug/L							
Benzo(a)pyrene	2.0	U	10	ug/L							
Benzo(b)fluoranthene	2.0	U	10	ug/L							
Benzo(g,h,i)perylene	2.0	U	10	ug/L							
Benzo(k)fluoranthene	2.0	U	10	ug/L							
Benzoic acid	4.3	U	10	ug/L							
Benzyl alcohol	1.0	U	10	ug/L							
Bis(2-chloroethoxy)methane	2.0	U	10	ug/L							
Bis(2-chloroethyl)ether	2.1	U	10	ug/L							
Bis(2-chloroisopropyl)ether	2.2	U	10	ug/L							
Bis(2-ethylhexyl)phthalate	1.9	U	10	ug/L							
Butylbenzylphthalate	1.4	U	10	ug/L							
Chrysene	2.0	U	10	ug/L							
Dibenzo(a,h)anthracene	2.0	U	10	ug/L							
Dibenzofuran	1.3	U	10	ug/L							
Diethylphthalate	1.3	U	10	ug/L							
Dimethylphthalate	1.1	U	10	ug/L							
Di-n-butylphthalate	1.7	J	10	ug/L							
Di-n-octylphthalate	2.0	U	10	ug/L							
Fluoranthene	2.0	U	10	ug/L							
Fluorene	2.0	U	10	ug/L							
Hexachlorobenzene	1.1	U	10	ug/L							
Hexachlorobutadiene	2.0	U	10	ug/L							
Hexachlorocyclopentadiene	2.0	U	10	ug/L							
Hexachloroethane	2.4	U	10	ug/L							
Indeno(1,2,3-cd)pyrene	2.0	U	10	ug/L							
Isophorone	1.8	U	10	ug/L							
Naphthalene	2.0	U	10	ug/L							
Nitrobenzene	1.9	U	10	ug/L							
N-Nitrosodimethylamine	1.9	U	10	ug/L							

QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 8I05014 - EPA 3510C_MS

Blank (8I05014-BLK1) Continued

Prepared: 09/05/2008 10:39 Analyzed: 09/05/2008 16:06

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
N-Nitroso-di-n-propylamine	2.1	U	10	ug/L							
Pentachlorophenol	1.2	U	10	ug/L							
Phenanthrene	2.0	U	10	ug/L							
Phenol	1.5	U	10	ug/L							
Pyrene	2.0	U	10	ug/L							
Pyridine	2.1	U	10	ug/L							
N-Nitrosodiphenylamine/Diphenylamine	1.1	U	10	ug/L							
Surrogate: 2-Fluorophenol	40			ug/L	100		40	10-98			
Surrogate: Phenol-d5	35			ug/L	100		35	10-81			
Surrogate: Nitrobenzene-d5	25			ug/L	50.0		49	33-116			
Surrogate: 2-Fluorobiphenyl	25			ug/L	50.0		51	21-121			
Surrogate: 2,4,6-Tribromophenol	67			ug/L	100		67	32-129			
Surrogate: Terphenyl-d14	42			ug/L	50.0		84	45-125			

LCS (8I05014-BS1)

Prepared: 09/05/2008 10:39 Analyzed: 09/05/2008 16:45

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	23		10	ug/L	50.0		46	36-86			
1,4-Dichlorobenzene	19		10	ug/L	50.0		39	38-76			
2,4-Dinitrotoluene	46		10	ug/L	50.0		92	74-105			
2-Chlorophenol	35		10	ug/L	50.0		70	55-99			
4-Chloro-3-methylphenol	42		10	ug/L	50.0		83	73-104			
4-Nitrophenol	30		10	ug/L	50.0		61	27-77			
Acenaphthene	35		10	ug/L	50.0		69	58-98			
N-Nitroso-di-n-propylamine	39		10	ug/L	50.0		78	73-99			
Pentachlorophenol	45		10	ug/L	50.0		89	58-135			
Phenol	25		10	ug/L	50.0		50	25-63			
Pyrene	47		10	ug/L	50.0		93	76-105			
Surrogate: 2-Fluorophenol	60			ug/L	100		60	10-98			
Surrogate: Phenol-d5	49			ug/L	100		49	10-81			
Surrogate: Nitrobenzene-d5	36			ug/L	50.0		71	33-116			
Surrogate: 2-Fluorobiphenyl	34			ug/L	50.0		68	21-121			
Surrogate: 2,4,6-Tribromophenol	80			ug/L	100		80	32-129			
Surrogate: Terphenyl-d14	46			ug/L	50.0		92	45-125			

Matrix Spike (8I05014-MS1)

Prepared: 09/05/2008 10:39 Analyzed: 09/05/2008 18:07

Source: C809529-11

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	20		10	ug/L	50.0	2.1 U	40	36-86			
1,4-Dichlorobenzene	18		10	ug/L	50.0	2.2 U	36	38-76			QM-07
2,4-Dinitrotoluene	43		10	ug/L	50.0	1.2 U	85	74-105			
2-Chlorophenol	31		10	ug/L	50.0	2.0 U	61	55-99			
4-Chloro-3-methylphenol	38		10	ug/L	50.0	1.4 U	76	73-104			
4-Nitrophenol	31		10	ug/L	50.0	1.2 U	62	27-77			
Acenaphthene	31		10	ug/L	50.0	2.0 U	61	58-98			
N-Nitroso-di-n-propylamine	34		10	ug/L	50.0	2.1 U	67	73-99			QM-07

QUALITY CONTROL

Semivolatile Organic Compounds by GCMS - Quality Control

Batch 8I05014 - EPA 3510C_MS

Matrix Spike (8I05014-MS1) Continued

Prepared: 09/05/2008 10:39 Analyzed: 09/05/2008 18:07

Source: C809529-11

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Pentachlorophenol	45		10	ug/L	50.0	1.2 U	91	58-135			
Phenol	21		10	ug/L	50.0	1.5 U	43	25-63			
Pyrene	43		10	ug/L	50.0	2.0 U	86	76-105			
Surrogate: 2-Fluorophenol	50			ug/L	100		50	10-98			
Surrogate: Phenol-d5	42			ug/L	100		42	10-81			
Surrogate: Nitrobenzene-d5	31			ug/L	50.0		62	33-116			
Surrogate: 2-Fluorobiphenyl	29			ug/L	50.0		58	21-121			
Surrogate: 2,4,6-Tribromophenol	75			ug/L	100		75	32-129			
Surrogate: Terphenyl-d14	42			ug/L	50.0		83	45-125			

Matrix Spike Dup (8I05014-MSD1)

Prepared: 09/05/2008 10:39 Analyzed: 09/05/2008 18:34

Source: C809529-11

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,2,4-Trichlorobenzene	19		10	ug/L	50.0	2.1 U	39	36-86	3	28	
1,4-Dichlorobenzene	16		10	ug/L	50.0	2.2 U	31	38-76	14	31	QM-07
2,4-Dinitrotoluene	44		10	ug/L	50.0	1.2 U	88	74-105	3	23	
2-Chlorophenol	28		10	ug/L	50.0	2.0 U	57	55-99	7	29	
4-Chloro-3-methylphenol	38		10	ug/L	50.0	1.4 U	76	73-104	0.03	19	
4-Nitrophenol	30		10	ug/L	50.0	1.2 U	60	27-77	4	34	
Acenaphthene	33		10	ug/L	50.0	2.0 U	66	58-98	7	29	
N-Nitroso-di-n-propylamine	34		10	ug/L	50.0	2.1 U	68	73-99	0.8	29	QM-07
Pentachlorophenol	45		10	ug/L	50.0	1.2 U	90	58-135	1	16	
Phenol	21		10	ug/L	50.0	1.5 U	42	25-63	2	39	
Pyrene	45		10	ug/L	50.0	2.0 U	90	76-105	4	20	
Surrogate: 2-Fluorophenol	48			ug/L	100		48	10-98			
Surrogate: Phenol-d5	41			ug/L	100		41	10-81			
Surrogate: Nitrobenzene-d5	30			ug/L	50.0		60	33-116			
Surrogate: 2-Fluorobiphenyl	29			ug/L	50.0		59	21-121			
Surrogate: 2,4,6-Tribromophenol	72			ug/L	100		72	32-129			
Surrogate: Terphenyl-d14	43			ug/L	50.0		86	45-125			

Gasoline Range Organics by GC - Quality Control

Batch 8I10009 - EPA 5035

Blank (8I10009-BLK1)

Prepared: 09/10/2008 09:44 Analyzed: 09/10/2008 13:45

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
GRO (C6-C10)	1.8	J	5.5	mg/kg wet							
Surrogate: 2,5-Dibromotoluene	5.3			mg/kg wet	9.65		55	28-139			

LCS (8I10009-BS1)

Prepared: 09/10/2008 09:44 Analyzed: 09/10/2008 14:15

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
GRO (C6-C10)	47	B	5.5	mg/kg wet	51.1		91	51-115			

QUALITY CONTROL

Gasoline Range Organics by GC - Quality Control

Batch 8I10009 - EPA 5035

LCS (8I10009-BS1) Continued

Prepared: 09/10/2008 09:44 Analyzed: 09/10/2008 14:15

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Surrogate: 2,5-Dibromotoluene	4.1			mg/kg wet	10.2		40	28-139			

Matrix Spike (8I10009-MS1)

Prepared: 09/10/2008 09:44 Analyzed: 09/10/2008 14:46

Source: C809682-07

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
GRO (C6-C10)	52	B	5.5	mg/kg wet	50.4	2.5	98	45-162			
Surrogate: 2,5-Dibromotoluene	3.5			mg/kg wet	10.1		35	28-139			

Matrix Spike Dup (8I10009-MSD1)

Prepared: 09/10/2008 09:44 Analyzed: 09/10/2008 15:17

Source: C809682-07

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
GRO (C6-C10)	49	B	5.5	mg/kg wet	50.3	2.5	93	45-162	6	24	
Surrogate: 2,5-Dibromotoluene	3.8			mg/kg wet	10.1		38	28-139			

Diesel Range Organics by GC - Quality Control

Batch 8I05019 - EPA 3550B

Blank (8I05019-BLK1)

Prepared: 09/05/2008 11:46 Analyzed: 09/09/2008 09:49

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
DRO (C10-C28)	1.10	U	3.30	mg/kg wet							
Surrogate: o-Terphenyl	1.51			mg/kg wet	1.67		91	77-127			

LCS (8I05019-BS1)

Prepared: 09/05/2008 11:46 Analyzed: 09/09/2008 10:18

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
DRO (C10-C28)	22.7		3.30	mg/kg wet	33.3		68	55-121			
Surrogate: o-Terphenyl	1.55			mg/kg wet	1.67		93	77-127			

Matrix Spike (8I05019-MS1)

Prepared: 09/05/2008 11:46 Analyzed: 09/09/2008 10:47

Source: C809127-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
DRO (C10-C28)	30.5		3.81	mg/kg dry	38.5	1.78	75	55-121			
Surrogate: o-Terphenyl	1.87			mg/kg dry	1.92		97	77-127			

Matrix Spike Dup (8I05019-MSD1)

Prepared: 09/05/2008 11:46 Analyzed: 09/09/2008 11:48

Source: C809127-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
DRO (C10-C28)	30.8		3.81	mg/kg dry	38.5	1.78	75	55-121	1	25	
Surrogate: o-Terphenyl	1.85			mg/kg dry	1.92		96	77-127			



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QUALITY CONTROL

Diesel Range Organics by GC - Quality Control

Batch 8I05019 - EPA 3550B

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.
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-01	Result is estimated due to positive results in the associated method blank.
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.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QS-03	Surrogate recovery outside acceptance limits
QS-04	Surrogate recovery not calculated. Surrogate diluted out of the calibration range.
QS-06	Surrogate recovery exceeded acceptance criteria due to coelution. Matrix effect confirmed.



ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

1075 Central Port Dr.
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(904) 296-3007 Fax (904) 296-6210

1015 Piedmont Way
Cary, NC 27513
(919) 677-1668 Fax (919) 677-6646

Page 1 of 2

Client Name ECS - Wilmington (EA026)		Project Number [none] 14331-17		Requested Turnaround Times	
Address 7221 Ogden Business Park Suite 201 Wilmington, NC 28411		Project Name/Desc Test Cell Facility		Note: Rush requests subject to acceptance by the facility	
City/State/Zip Wilmington, NC 28411		PO # / Billing Info 14331-A		☒ Standard	
Tel (910) 686-9114		Reporting Contact Amy Conchas		☐ Expedited	
Fax		Billing Contact Amy Conchas		Due <u> </u> / <u> </u> / <u> </u>	
Sample(s) Name, Affiliation (Print) Amy Conchas		Facility # (if required)		Lab Workorder C809127	
Sample(s) Signature Amy Conchas					

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	Preservation (See Codes) (Combine as necessary)			Sample Comments
							8260B	8270C	GRO 8015B, Solids, Dry Weight	
	.GP1-3-4	9/12/08	10:15	G	SO	2			X	
	.GP2-2-3		10:56		SO	2			X	
	.SB4-1-2		9:30		SO	2			X	
	.GP3-3-4		11:15		SO	2			X	
	.GP4-4-5		13:15		SO	2			X	
	.GP5-2-3		13:35		SO	2			X	
	.GP6-1-2		14:00		SO	2			X	
	.GP7-5-6		14:50		SO	2			X	
	.GP8-4-5		15:55		SO	2			X	
	.GP9-4-5		17:37		SO	2			X	
	.SB4		10:30		WA	4	X	X		
	.GP2		12:45		WA	4	X	X		
							Total # of Containers			

Sample Kit Prepared By BSG	Date/Time 9/20/08	Requisitioned By Amy Conchas	Date/Time 9/10/08 17:00	Received By Biana Hugony	Date/Time 9/16/08 13:00
Comments		Requisitioned By	Date/Time	Received By	Date/Time
		Requisitioned By	Date/Time	Received By	Date/Time
Cooler #s & Temps on Receipt C-414 C-424 3.1°C C-307 2.4°C				Condition Upon Receipt Acceptable Unacceptable	

Matrix: GW Groundwater SO-Sol SE-Sediment SW-Surface Water WW-Wastewater A-Air Q-Other (detail in comments)
Preservation: L-Ice H-HCl N-HNO3 S-H2SO4 NO-NH4 OH Q-Other (detail in comments)



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Page 2 of 2



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Client Name ECS - Wilmington (EA026)						Project Number [none] 14331-A		Requested Turnaround Times								
Address 7221 Ogden Business Park Suite 201 Wilmington, NC 28411						Project Name/Desc. Test Cell Facility		Note: Rush requests subject to acceptance by the facility								
City/State/Zip Wilmington, NC 28411						PO # / Billing Info 14331-A		☒ Standard								
Fax (910) 686-9114						Reporting Contact Amy Conchas		☐ Expedited								
Sample(s) Name, Affiliation (Print) Amy C Conchas						Billing Contact Amy Conchas		Due ____ / ____ / ____								
Sampler's Signature <i>Amy C Conchas</i>						Facility # (if required)		Lab Workorder C809127								
Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	8260B	8270C	DRO 8015B, Solids, Dry Weight	GRO 8015B	Preservation (See Codes) (Combine as necessary)					Sample Comments
.	GP-6	9/2/08	16:50	G	WA	4	X	X								
.	GP-7	9/2/08	15:40	G	WA	4	X	X								
.	GP-8	9/2/08	16:50	G	WA	4	X	X								
.					WA	4	X	X								
.					WA	4	X	X								
.					WA	4	X	X								
.					WA	4	X	X								
.					WA	4	X	X								
.					WA	4	X	X								
.	Trip Blank				WA	2	X									
							Total # of Containers								12	
Sample Kit Prepared By BSG		Date/Time 9/2/08	Relinquished By <i>Amy Conchas</i>		Date/Time 9/3/08 17:00	Received By Buena		Date/Time 9/4/08 13:00	Condition Upon Receipt Acceptable							
Comments			Relinquished By		Date/Time	Received By		Date/Time	Condition Upon Receipt Unacceptable							

Size: Water: WW-Highlander A-Air Q-Olive (detail in comments)
Preservation: H-He H-Cl N-HN3 S-HZ64 ND-NaOH O-Olive