

ATTACHMENT 3: LABORATORY ANALYTICAL REPORTS (SUMMARY SHEETS)

This attachment contains the summary sheets from the laboratory analytical reports prepared by Laucks and CAS. Complete analytical reports are available upon request.

LAUCKS TESTING LABORATORIES

SAMPLE DATA PACKAGE

BATTELLE

SDG NO.: JPL68

November 28, 2007

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

To: Battelle
Project Name: JPL Groundwater
SDG No.: JPL68
Date of Report: November 28, 2007

SAMPLE RECEIPT, IDENTIFICATION, AND GENERAL COMMENTS:

Sample Receipt and Identification:

The samples submitted under the laboratory number(s) indicated above were identified and analyzed as tabulated below. The samples were collected and received on the dates noted on the enclosed chain-of-custody copies, Attachment A.

<u>Client Sample Identification</u>	<u>Laucks Sample Identification</u>	<u>Testing Analytical Request</u>
MW-21-5	JPL68-001	VOA/MET/PER
MW-21-4	JPL68-002	VOA/MET/PER
MW-21-3	JPL68-003	VOA/MET/PER
MW-21-2	JPL68-004	VOA/MET/PER
MW-21-1	JPL68-005	VOA/MET/PER
EB-1-10/30/07	JPL68-006	VOA/MET/PER
TRIP BLANK	JPL68-007	VOA

Analytical Request Key:

VOA = Volatiles (524.2)
MET = Chromium (200.8)
PER = Perchlorate (314.0) Subcontracted to Weck Laboratories

Sample Receipt Comments:

There were no anomalies associated with the receipt of these samples.

GENERAL REMARKS ON ORGANIC ANALYSES:

The following comments describe general analysis conditions. For remarks specific to the samples reported in this case, see "SPECIFIC REMARKS ON ORGANIC ANALYSIS."

Manual Integrations:

One or more analytes may have been manually integrated on the data system quantitation reports. All manual integrations have been flagged, initialed, and dated by the analyst. A list of the manual integration flags is detailed below.

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Seattle, WA 98108

M	Manual integration due to irregular peak shape
MS	Manual integration due to split peak
MR	Manual integration due to retention time shift
MI	Manual integration of correct isomer
MT	Manual integration due to peak tailing
MB	Manual integration due to irregular baseline

Holding Time Compliance:

Volatile Organic Compounds:

The holding time is 14 days calculated from date of collection in both soil and water samples. All samples were analyzed within holding time.

Volatiles Fraction:

Method Blank

Analysis of the method blank performed on 10/31/2007 resulted in the detection of hexachlorobutadiene above ½ the reporting limit. Because this analyte was not detected in the associated samples, no further action was taken.

Quality Control Analysis:

MS/MSD analyses were not performed on sample MW-21-2 due to insufficient sample volume. Except for 2-butanone, all spiking analytes in the blank spike analysis recovered within control limits.

The blank spike analysis S103107MVOWY1 resulted in the high recovery of 2-butanone. Because all other analytes recovered within the control limits and 2-butanone was not detected in the associated samples, no further action was taken.

GENERAL REMARKS ON INORGANIC ANALYSES:

The following comments describe general analysis conditions. For remarks specific to the samples reported in this case, see "SPECIFIC REMARKS ON INORGANIC ANALYSES."

ICP Metals:

On the first timed and dated page of each ICP-MS run, the data to be reported or rejected will be tabulated for that run.

SPECIFIC REMARKS ON INORGANIC ANALYSES:

Holding Time Compliance:

Laucks calculates holding time compliance for inorganic determinations using the date on which reportable data were acquired.

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Metals:

The holding time for metals is six months from the date of collection, excepting mercury, which is 28 days. All analyses were performed within holding time.

ICP-MS Metals:

No comments.

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ABBREVIATIONS

Several abbreviations can appear in our reports. The most commonly employed abbreviations are as follows:

- U The analyte of interest was not detected to the limit of detection indicated.
- SDL Sample Detection Limit. The SDL can vary from sample to sample, depending on sample size, matrix interferences, moisture content and other sample-specific conditions.
- PQL Practical Quantitation Limit. The limit is drawn from the test method and usually represents the SDL multiplied by a matrix-specific factor.
- DB Dry Basis. The value reported has been back-calculated to normalize for the moisture content of the sample.
- AR As-Received. The value has not been normalized for moisture.

ORGANIC ANALYSES:

- B When used in relation to organics fractions, the "B" flag indicates that the analyte of interest was detected in the method blank associated with the sample, as well as in the sample itself. The "B" flag is applied without regard to the relative concentrations detected in the blank and sample.
 - J The analyte of interest was detected below the routine reporting limit. This value should be regarded as an estimate.
 - T The flagged values represent the SUM of two co-eluting compounds. The SUM of these two values is shown as though it were a result for each of them. The two figures should not be added together.
 - E The flagged value was reported from an analysis that exceeded the linear range of the instrument. See additional comments for further discussion of the circumstances. Values so flagged should be considered estimates.
 - P When a dual column GC technique is employed, this flag indicates that test results from the two columns differ by more than 25%. Generally, we report the higher value.
 - C The flagged analyte has been confirmed by GC/MS analysis. The value reported may be derived from either the initial or confirmatory (GC/MS) analysis. See specific report comments for details.
 - ~ This result has been identified as non-primary based on the analyst's professional judgment.
- CRQL Client requested Quantitation Limit, usually the limit of detection specified at your request. Might also be referred to as Contract Required Quantitation Limit.

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INORGANIC ANALYSES:

- J The reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL). If the analyte was analyzed for but not detected, a "U" shall be entered.
- E The reported value is estimated because of the presence of interference. The serial dilution was not within control limits.
- N Spiked sample recovery not within control limits.
- * Duplicate analysis not within control limits.

CRDL Client Requested Detection Limit, usually the limit of detection specified at your request. Might also be referred to as Contract Required Detection Limit.

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RELEASE OF DATA

Laucks certifies that these results meet all requirements of the NELAC standards, except where otherwise noted.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."

Respectfully submitted,



Kara Godineaux
Project Manager

11/28/07
(DATE)



Harry Romberg
Quality Assurance Officer

11/28/07
(DATE)

HOW TO CONTACT US:

All Laucks Testing Laboratories staff members can be reached at the same telephone and facsimile numbers: (206) 767-5060 by phone, (206) 767-5063 by FAX.

REQUESTS FOR DUPLICATE COPIES:

This packet has been checked for accuracy. All pages are present and in sequential order. Please see Attachment B for a detailed record.

In the event that duplicate data copies are needed, Laucks will accommodate your request at a fee of twenty-five cents (\$0.25) per copy, plus shipping. If the data are in storage, there will also be a fee for retrieval.

LAUCKS TESTING LABORATORIES
940 S. Harney
Seattle, WA 98108

ATTACHMENT A

Chain-of-Custody Copies

LAUCKS TESTING LABORATORIES, INC. - SAMPLE CONFIRMATION LOG						
Sample ID (SDG-#)	VTSR	Collected On	Client ID	200.8 Total Cr	314.0 Perchlorate	524.2 Volatile Organics + TICs (JPL Special list)
JPL68-001	10/31/2007 08:30 AM	10/30/2007 07:51 AM	MW-21-5	IN	IN	A-
JPL68-002	10/31/2007 08:30 AM	10/30/2007 08:32 AM	MW-21-4	IN	IN	A-
JPL68-003	10/31/2007 08:30 AM	10/30/2007 09:05 AM	MW-21-3	IN	IN	A-
*JPL68-004	10/31/2007 08:30 AM	10/30/2007 09:35 AM	MW-21-2	IN	IN	A-
JPL68-005	10/31/2007 08:30 AM	10/30/2007 10:10 AM	MW-21-1	IN	IN	A-
JPL68-006	10/31/2007 08:30 AM	10/30/2007 09:56 AM	EB-1- 10/30/07	IN	IN	A-
JPL68-007	10/31/2007 08:30 AM	10/30/2007 12:00 AM	TRIP BLANK			A-

Approved By:
Notes:

On:

Samples identified with a '*' client has requested QC for

LEGEND: -:Started , +:Completed , IN:Logged In , P:Preparation , A:Analysis , X:Cancelled, PL:Pre-logged

FORM LTL-PM-8.0

LAUCK'S TESTING LABORATORIES

**Perchlorate Data
(Subcontracted to Weck Laboratories)**

BATTELLE

SDG.: JPL68

QA/QC Data Package

EPA Method 314 – Perchlorate

Lab ID number: 7112122 (1-6)

1. Case Narrative

The samples were received on ice and they were in good condition. The temperature upon receipt at the laboratory was 3.2°C and the analyses were completed within holding time. All QA/QC determinations were within acceptance ranges.

The following acronyms are used in this data package:

IPC: Instrument Performance Check, is a calibration check standard prepared in a matrix of high conductivity. It defines the highest background that a sample can have to be analyzed directly; samples with higher backgrounds need to be diluted.

IPC: Instrument Performance Check prepared with high conductivity matrix (20 ppb).

LRB: Laboratory Reagent Blank or Method Blank.

ICCS: Initial Calibration Check Standard at the 'Emergent Chemical' reporting limit (2 ppb).

CCCS: Continuing Calibration Check Standard at mid-level (20 ppb).

ECCS: End Calibration Check Standard at high-level (40 ppb).

Note: CCCSs and ECCSs alternate through the batch.

2. QC Summaries

See Quality Control Report

3. Sample Data

3.1 Analytical results summary: see Certificate of Analysis.

3.2 Chromatograms, quantitation reports and injection log for samples and QC runs for the batch: See Appendix 1.

3.3 Chain of custody record: A copy is included with the Certificate of Analysis.

3.4 Copies of bench sheets and secondary review checklist: Appendix 2.

4. Calibration Data

4.1 Initial Calibration summary and chromatograms: See Appendix 3.

4.2 Continuing calibration summary and chromatograms: See Appendix 1.

5. Raw Data

- 5.1 Chromatograms and quantitation for MS/MSD and LCS: See Appendix 1.
- 5.2 Bench sheets: See Appendix 2.

6. Standards Preparation Records

- 6.1 See Appendix 4 for copies of standards and solutions preparation

Appendix 1- Chromatograms, Quant Reports and Injection logs



J- FLAGS

LEVEL 4 QA/QC

Weck Laboratories, Inc.

Environmental and Analytical Services - Since 1964

Work Order: 7112122

Printed: 11/21/2007 12:56:14PM

Client: Laucks Testing Laboratories, Inc.

Project Manager: Kim G Tu

Project Name: Laucks Testing

Project Number: 45195

Logged In By: Jaime Gomez

Date Logged In: 11/21/07 12:54

Received By: Jaime Gomez

Date Received: 11/21/07 12:25

Comments: Print J Flags and send acknowledgment to Elaine Walker. Cost includes a standard QA/QC data package and EDD in excel format.

Method: EPA 314.0

Department: HPLC/IC

Analysis	TAT Due	Expires	Results	Comments
7112122-01 - JPL68-001 [Water] Sampled on 10/30/07 07:51 at Pacific Time Zone				
Perchlorate_314_w	10 12/07/07 12:00	11/27/07 07:51	4.6 mg/l	
7112122-02 - JPL68-002 [Water] Sampled on 10/30/07 08:32 at Pacific Time Zone				
Perchlorate_314_w	10 12/07/07 12:00	11/27/07 08:32	3.1	
7112122-03 - JPL68-003 [Water] Sampled on 10/30/07 09:05 at Pacific Time Zone				
Perchlorate_314_w	10 12/07/07 12:00	11/27/07 09:05	5.0	
7112122-04 - JPL68-004 [Water] Sampled on 10/30/07 09:35 at Pacific Time Zone				
Perchlorate_314_w	10 12/07/07 12:00	11/27/07 09:35	7.7	
7112122-05 - JPL68-005 [Water] Sampled on 10/30/07 10:10 at Pacific Time Zone				
Perchlorate_314_w	10 12/07/07 12:00	11/27/07 10:10	4.6	
7112122-06 - JPL68-006 [Water] Sampled on 10/30/07 09:56 at Pacific Time Zone				
Perchlorate_314_w	10 12/07/07 12:00	11/27/07 09:56	ND	

wk1023 hmc
11/26/07

DRK

Reviewed By

11-27-07

Date

SUB - 5

FORM SUMMARY

SDG # JPL68

Volatiles Analysis

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-5

Lab Name: _____
 SDG No.: JPL68
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: DB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023014
 Lab Sample ID: JPL68-001
 Lab File ID: Y1031012.D
 Date Collected: 10/30/2007
 Date/Time Analyzed: 10/31/2007 12:33
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.28	J
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	4.5	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-5

Lab Name: _____
 SDG No.: JPL68
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: DB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023014
 Lab Sample ID: JPL68-001
 Lab File ID: Y1031012.D
 Date Collected: 10/30/2007
 Date/Time Analyzed: 10/31/2007 12:33
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	1.5	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-5

Lab Name: _____
 SDG No.: JPL68
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: DB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023014
 Lab Sample ID: JPL68-001
 Lab File ID: Y1031012.D
 Date Collected: 10/30/2007
 Date/Time Analyzed: 10/31/2007 12:33
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-4

Lab Name: _____
 SDG No.: JPL68
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: DB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023014
 Lab Sample ID: JPL68-002
 Lab File ID: Y1031013.D
 Date Collected: 10/30/2007
 Date/Time Analyzed: 10/31/2007 12:58
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		<u>ug/L</u>	
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.40	J
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	4.1	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-4

Lab Name: _____
 SDG No.: JPL68
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: DB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023014
 Lab Sample ID: JPL68-002
 Lab File ID: Y1031013.D
 Date Collected: 10/30/2007
 Date/Time Analyzed: 10/31/2007 12:58
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	1.4	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-4

Lab Name: _____
 SDG No.: JPL68
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: DB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023014
 Lab Sample ID: JPL68-002
 Lab File ID: Y1031013.D
 Date Collected: 10/30/2007
 Date/Time Analyzed: 10/31/2007 12:58
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-3

Lab Name: _____
 SDG No.: JPL68
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: DB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023014
 Lab Sample ID: JPL68-003
 Lab File ID: Y1031014.D
 Date Collected: 10/30/2007
 Date/Time Analyzed: 10/31/2007 13:23
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.83	
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	1.9	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	1.2	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-3

Lab Name: _____
 SDG No.: JPL68
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: DB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023014
 Lab Sample ID: JPL68-003
 Lab File ID: Y1031014.D
 Date Collected: 10/30/2007
 Date/Time Analyzed: 10/31/2007 13:23
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	4.1	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-3

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL68

Run Sequence: R023014

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL68-003

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y1031014.D

Level: (LOW/MED) _____

Date Collected: 10/30/2007

% Moisture: not dec. _____

Date/Time Analyzed: 10/31/2007 13:23

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-2

Lab Name: _____
 SDG No.: JPL68
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: DB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023014
 Lab Sample ID: JPL68-004
 Lab File ID: Y1031015.D
 Date Collected: 10/30/2007
 Date/Time Analyzed: 10/31/2007 13:47
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		<u>ug/L</u>	
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.99	
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	1.0	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.53	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-2

Lab Name: _____
 SDG No.: JPL68
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: DB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023014
 Lab Sample ID: JPL68-004
 Lab File ID: Y1031015.D
 Date Collected: 10/30/2007
 Date/Time Analyzed: 10/31/2007 13:47
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	3.6	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-2

Lab Name: _____
 SDG No.: JPL68
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: DB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023014
 Lab Sample ID: JPL68-004
 Lab File ID: Y1031015.D
 Date Collected: 10/30/2007
 Date/Time Analyzed: 10/31/2007 13:47
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-1

Lab Name: _____
 SDG No.: JPL68
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: DB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023014
 Lab Sample ID: JPL68-005
 Lab File ID: Y1031016.D
 Date Collected: 10/30/2007
 Date/Time Analyzed: 10/31/2007 14:12
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: <u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.35	J
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.52	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-1

Lab Name: _____
 SDG No.: JPL68
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: DB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023014
 Lab Sample ID: JPL68-005
 Lab File ID: Y1031016.D
 Date Collected: 10/30/2007
 Date/Time Analyzed: 10/31/2007 14:12
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,1,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-21-1

Lab Name: _____
 SDG No.: JPL68
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: DB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023014
 Lab Sample ID: JPL68-005
 Lab File ID: Y1031016.D
 Date Collected: 10/30/2007
 Date/Time Analyzed: 10/31/2007 14:12
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-1-10/30/07

Lab Name: _____
 SDG No.: JPL68
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: DB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023014
 Lab Sample ID: JPL68-006
 Lab File ID: Y1031017.D
 Date Collected: 10/30/2007
 Date/Time Analyzed: 10/31/2007 14:37
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-1-10/30/07

Lab Name: _____
 SDG No.: JPL68
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: DB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023014
 Lab Sample ID: JPL68-006
 Lab File ID: Y1031017.D
 Date Collected: 10/30/2007
 Date/Time Analyzed: 10/31/2007 14:37
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-1-10/30/07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL68

Run Sequence: R023014

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL68-006

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y1031017.D

Level: (LOW/MED) _____

Date Collected: 10/30/2007

% Moisture: not dec. _____

Date/Time Analyzed: 10/31/2007 14:37

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TRIP BLANK

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL68

Run Sequence: R023014

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL68-007

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y1031011.D

Level: (LOW/MED) _____

Date Collected: 10/30/2007

% Moisture: not dec. _____

Date/Time Analyzed: 10/31/2007 12:08

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	2.7	
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TRIP BLANK

Lab Name: _____
 SDG No.: JPL68
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: DB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023014
 Lab Sample ID: JPL68-007
 Lab File ID: Y1031011.D
 Date Collected: 10/30/2007
 Date/Time Analyzed: 10/31/2007 12:08
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: <u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TRIP BLANK

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL68

Run Sequence: R023014

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL68-007

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y1031011.D

Level: (LOW/MED) _____

Date Collected: 10/30/2007

% Moisture: not dec. _____

Date/Time Analyzed: 10/31/2007 12:08

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1 TIC
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-21-5

Lab Name: Laucks Testing Laboratories, Inc
 SDG No.: JPL68
 Matrix: (SOIL/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: DB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Number TICs Found: 0

Contract: JPL Groundwater Monitorin
 Run Sequence: R023014
 Lab Sample ID: JPL68-001
 Lab File ID: Y1031012.D
 Date Collected: 10/30/2007
 Date Analyzed: 10/31/2007
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)
 CONCENTRATION UNITS:
ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
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10					
11					
12					
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Comments:

1 TIC
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-21-4

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL68

Run Sequence: R023014

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL68-002

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y1031013.D

Level: (LOW/MED) _____

Date Collected: 10/30/2007

% Moisture: not dec. _____

Date Analyzed: 10/31/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
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07					
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11					
12					
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Comments:

1 TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-21-3

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL68

Run Sequence: R023014

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL68-003

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y1031014.D

Level: (LOW/MED) _____

Date Collected: 10/30/2007

% Moisture: not dec. _____

Date Analyzed: 10/31/2007

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
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11					
12					
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Comments:

1 TIC
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-21-2

Lab Name: Laucks Testing Laboratories, Inc
 SDG No.: JPL68
 Matrix: (SOIL/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: DB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Number TICs Found: 0

Contract: JPL Groundwater Monitorin
 Run Sequence: R023014
 Lab Sample ID: JPL68-004
 Lab File ID: Y1031015.D
 Date Collected: 10/30/2007
 Date Analyzed: 10/31/2007
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)
 CONCENTRATION UNITS:
ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
08					
09					
10					
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Comments:

1 TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-21-1

Lab Name: Laucks Testing Laboratories, Inc
 SDG No.: JPL68
 Matrix: (SOIL/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: DB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Number TICs Found: 0

Contract: JPL Groundwater Monitorin
 Run Sequence: R023014
 Lab Sample ID: JPL68-005
 Lab File ID: Y1031016.D
 Date Collected: 10/30/2007
 Date Analyzed: 10/31/2007
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)
 CONCENTRATION UNITS:
ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
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Comments:

1 TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

EB-1-10/30/07

Lab Name: Laucks Testing Laboratories, Inc
 SDG No.: JPL68
 Matrix: (SOIL/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: DB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Number TICs Found: 0

Contract: JPL Groundwater Monitorin
 Run Sequence: R023014
 Lab Sample ID: JPL68-006
 Lab File ID: Y1031017.D
 Date Collected: 10/30/2007
 Date Analyzed: 10/31/2007
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)
 CONCENTRATION UNITS:
ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
02					
03					
04					
05					
06					
07					
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09					
10					
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Comments:

1 TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

TRIP BLANK

Lab Name: Laucks Testing Laboratories, Inc
 SDG No.: JPL68
 Matrix: (SOIL/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: DB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Number TICs Found: 0

Contract: JPL Groundwater Monitorin
 Run Sequence: R023014
 Lab Sample ID: JPL68-007
 Lab File ID: Y1031011.D
 Date Collected: 10/30/2007
 Date Analyzed: 10/31/2007
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)
 CONCENTRATION UNITS:
ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01				
02				
03				
04				
05				
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Comments:

FORMS SUMMARY

JPL68

Metals Data

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-21-5

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL68

Matrix (soil/water): Water

Lab Sample ID: JPL68-001

Level (low/med): LOW

Date Received: 10/31/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	2.50			M	R023230

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-21-4

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL68

Matrix (soil/water): Water

Lab Sample ID: JPL68-002

Level (low/med): LOW

Date Received: 10/31/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	2.20			M	R023230

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-21-3

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL68

Matrix (soil/water): Water

Lab Sample ID: JPL68-003

Level (low/med): LOW

Date Received: 10/31/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	2.04			M	R023230

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-21-2

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL68

Matrix (soil/water): Water

Lab Sample ID: JPL68-004

Level (low/med): LOW

Date Received: 10/31/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	2.64			M	R023230

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-21-1

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL68

Matrix (soil/water): Water

Lab Sample ID: JPL68-005

Level (low/med): LOW

Date Received: 10/31/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.43			M	R023230

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

EB-1-10/30/07

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL68

Matrix (soil/water): Water

Lab Sample ID: JPL68-006

Level (low/med): LOW

Date Received: 10/31/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-473	Chromium	1.00	U		M	R023230

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

LAUCKS TESTING LABORATORIES

SAMPLE DATA PACKAGE

BATTELLE

SDG NO.: JPL69

November 28, 2007

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

To: Battelle
Project Name: JPL Groundwater
SDG No.: JPL69
Date of Report: November 28, 2007

SAMPLE RECEIPT, IDENTIFICATION, AND GENERAL COMMENTS:

Sample Receipt and Identification:

The samples submitted under the laboratory number(s) indicated above were identified and analyzed as tabulated below. The samples were collected and received on the dates noted on the enclosed chain-of-custody copies, Attachment A.

<u>Client Sample Identification</u>	<u>Laucks Sample Identification</u>	<u>Testing Analytical Request</u>
MW-19-5	JPL69-001	VOA/MET/PER
MW-19-4	JPL69-002	VOA/MET/PER
MW-19-3	JPL69-003	VOA/MET/PER
MW-19-2	JPL69-004	VOA/MET/PER
MW-19-1	JPL69-005	VOA/MET/PER
EB-2-11/1/07	JPL69-006	VOA/MET/PER
TRIP BLANK	JPL69-007	VOA

Analytical Request Key:

VOA = Volatiles (524.2)
MET = Chromium (200.8)
PER = Perchlorate (314.0) Subcontracted to Weck Laboratories

Sample Receipt Comments:

There were no anomalies associated with the receipt of these samples.

GENERAL REMARKS ON ORGANIC ANALYSES:

The following comments describe general analysis conditions. For remarks specific to the samples reported in this case, see "SPECIFIC REMARKS ON ORGANIC ANALYSIS."

Manual Integrations:

One or more analytes may have been manually integrated on the data system quantitation reports. All manual integrations have been flagged, initialed, and dated by the analyst. A list of the manual integration flags is detailed below.

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

M	Manual integration due to irregular peak shape
MS	Manual integration due to split peak
MR	Manual integration due to retention time shift
MI	Manual integration of correct isomer
MT	Manual integration due to peak tailing
MB	Manual integration due to irregular baseline

Holding Time Compliance:

Volatile Organic Compounds:

The holding time is 14 days calculated from date of collection in both soil and water samples. All samples were analyzed within holding time.

Volatiles Fraction:

Continuing Calibration Verification (CCV):

In the CCV performed on 100/5/2007 the percent drift value for dichlorodifluoromethane exceeded 30% due to increased response. This analyte was not detected in any associated samples so no further action was taken.

Analysis of the CCV performed on 11/15/2007 yielded percent D values for dichlorodifluoromethane and chloroemethane that exceeded the control limit due to decreased response. Because sample results were reported well below the reporting limit (RL) the chance of reporting any false negatives for these compounds that recovered low at the RL was negligible.

Method Blank

Analysis of the method blank performed on 11/5/2007 resulted in the detection of hexachlorobutadiene above the reporting limit. Because this analyte was not detected in the associated samples, no further action was taken.

GENERAL REMARKS ON INORGANIC ANALYSES:

The following comments describe general analysis conditions. For remarks specific to the samples reported in this case, see "SPECIFIC REMARKS ON INORGANIC ANALYSES."

ICP Metals:

On the first timed and dated page of each ICP-MS run, the data to be reported or rejected will be tabulated for that run.

SPECIFIC REMARKS ON INORGANIC ANALYSES:

Holding Time Compliance:

Laucks calculates holding time compliance for inorganic determinations using the date on which reportable data were acquired.

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Seattle, WA 98108

Metals:

The holding time for metals is six months from the date of collection, excepting mercury, which is 28 days. All analyses were performed within holding time.

Miscellaneous:

The following analytes do not have a Contract Laboratory Program holding time. The holding times tabulated below derive from the relevant EPA methods and are applicable when the sample was appropriately preserved and/or cooled. All samples submitted followed the preservation guidelines unless explicitly noted otherwise.

<u>Analyte</u>	<u>Holding Time</u>	<u>Violations</u>
Perchlorate	28 days	None

ICP-MS Metals:

No comments.

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Seattle, WA 98108

ABBREVIATIONS

Several abbreviations can appear in our reports. The most commonly employed abbreviations are as follows:

- U The analyte of interest was not detected to the limit of detection indicated.
- SDL Sample Detection Limit. The SDL can vary from sample to sample, depending on sample size, matrix interferences, moisture content and other sample-specific conditions.
- PQL Practical Quantitation Limit. The limit is drawn from the test method and usually represents the SDL multiplied by a matrix-specific factor.
- DB Dry Basis. The value reported has been back-calculated to normalize for the moisture content of the sample.
- AR As-Received. The value has not been normalized for moisture.

ORGANIC ANALYSES:

- B When used in relation to organics fractions, the "B" flag indicates that the analyte of interest was detected in the method blank associated with the sample, as well as in the sample itself. The "B" flag is applied without regard to the relative concentrations detected in the blank and sample.
 - J The analyte of interest was detected below the routine reporting limit. This value should be regarded as an estimate.
 - T The flagged values represent the SUM of two co-eluting compounds. The SUM of these two values is shown as though it were a result for each of them. The two figures should not be added together.
 - E The flagged value was reported from an analysis that exceeded the linear range of the instrument. See additional comments for further discussion of the circumstances. Values so flagged should be considered estimates.
 - P When a dual column GC technique is employed, this flag indicates that test results from the two columns differ by more than 25%. Generally, we report the higher value.
 - C The flagged analyte has been confirmed by GC/MS analysis. The value reported may be derived from either the initial or confirmatory (GC/MS) analysis. See specific report comments for details.
 - ~ This result has been identified as non-primary based on the analyst's professional judgment.
- CRQL Client requested Quantitation Limit, usually the limit of detection specified at your request. Might also be referred to as Contract Required Quantitation Limit.

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

INORGANIC ANALYSES:

- J The reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL). If the analyte was analyzed for but not detected, a "U" shall be entered.
 - E The reported value is estimated because of the presence of interference. The serial dilution was not within control limits.
 - N Spiked sample recovery not within control limits.
 - * Duplicate analysis not within control limits.
- CRDL Client Requested Detection Limit, usually the limit of detection specified at your request. Might also be referred to as Contract Required Detection Limit.

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

RELEASE OF DATA

Laucks certifies that these results meet all requirements of the NELAC standards, except where otherwise noted.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."

Respectfully submitted,


Kara Godineaux
Project Manager

11/28/07
(DATE)


Harry Romberg
Quality Assurance Officer

11/28/07
(DATE)

HOW TO CONTACT US:

All Laucks Testing Laboratories staff members can be reached at the same telephone and facsimile numbers: (206) 767-5060 by phone, (206) 767-5063 by FAX.

REQUESTS FOR DUPLICATE COPIES:

This packet has been checked for accuracy. All pages are present and in sequential order. Please see Attachment B for a detailed record.

In the event that duplicate data copies are needed, Laucks will accommodate your request at a fee of twenty-five cents (\$0.25) per copy, plus shipping. If the data are in storage, there will also be a fee for retrieval.

LAUCKS TESTING LABORATORIES

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Seattle, WA 98108

ATTACHMENT A

Chain-of-Custody Copies

LAUCKS TESTING LABORATORIES, INC. - SAMPLE CONFIRMATION LOG						
Sample ID (SDG-#)	VTSR	Collected On	Client ID	200.8 Total Cr	314.0 Perchlorate	524.2 Volatile Organics + TICs (JPL Special list)
JPL69-001	11/02/2007 08:30 AM	11/01/2007 07:50 AM	MW-19-5	IN	IN	IN
JPL69-002	11/02/2007 08:30 AM	11/01/2007 08:20 AM	MW-19-4	IN	IN	IN
JPL69-003	11/02/2007 08:30 AM	11/01/2007 08:50 AM	MW-19-3	IN	IN	IN
JPL69-004	11/02/2007 08:30 AM	11/01/2007 09:22 AM	MW-19-2	IN	IN	IN
*JPL69-005	11/02/2007 08:30 AM	11/01/2007 09:59 AM	MW-19-1	IN	IN	IN
JPL69-006	11/02/2007 08:30 AM	11/01/2007 09:41 AM	EB-2-11/1/07	IN	IN	IN
JPL69-007	11/02/2007 08:30 AM	11/01/2007 12:00 AM	TRIP BLANK			IN

Approved By:

On:

Notes:

Samples identified with a '*' client has requested QC for
LEGEND: -:Started , +:Completed , IN:Logged In , P:Preparation , A:Analysis , X:Cancelled, PL:Pre-logged
FORM LTL-PM-8.0

COMPANY: BATTELLE
 ADDRESS: 3590 OLD TOWN AVE., C-205
SAN DIEGO, CA 92110
 ATTENTION: DAVID CONNER
 PROJECT NAME: JPL GW MON. 4007
 PROJECT CONTACT: DAVID CONNER
 TELEPHONE: 619-726-7311 FAX: _____
 JOB/PO. NO.: 6486090 /

44208

WORK ORDER ID#

5PL69

PAGE 1 OF 1

SUBMITTED AT:

940 Smith Harbor St, Seattle, WA 98108
 11th Lakewood Ave, Lakewood, WA 98002



MATRIX: WATER, SOIL OR SPECIFY	NO. OF CONTAINERS
<u>VOL (524.2)</u>	
<u>TOTAL W (200.8)</u>	
<u>C104 - (314.0)</u>	
<u>2</u>	

OBSERVATIONS, COMMENTS SPECIAL INSTRUCTIONS

LAB #	SAMPLE ID / LOCATION	DATE	TIME	W	S	X	X	X	REMARKS
1	MW-19-5	11/1/07	750		W				
2	MW-19-4		820		X	X	X		
3	MW-19-3		850		X	X	X		
4	MW-19-2		922		X	X	X		
5	MW-19-1		959		X	X	X		Mslmsd
6	EB-2-1111/57		941		X	X	X		Equip blank
7	Trip Blank								

A. A standard turnaround time is assumed unless otherwise marked.

INSTRUCTIONS

- USE ONE LINE PER SAMPLE
- BE SPECIFIC IN TEST REQUESTS
- CHECK OFF TESTS TO BE PERFORMED FOR EACH SAMPLE

B. The laboratory may not be responsible for missed holding time for samples received with less than 50% of the analytical hold time remaining. Please contact the laboratory for further information.

BILLING INFORMATION / DIFFERENT THAN ABOVE

NAME: BATTELLE
 ADDRESS: 505 KING AVE
 CITY, STATE, ZIP: COLUMBUS, OH 43201

REINQUISHED BY (SIGN AND PRINT)

DATE/TIME

RECEIVED BY (SIGN AND PRINT)

DATE/TIME

* RUSH TURNAROUND IS SUBJECT TO PRIOR LABORATORY APPROVAL

TOTAL NO. OF CONTAINERS

TURNAROUND REQUEST
 STD. 10-14 WORKING DAYS

24-48 HRS. (100% SUR)

72 HRS. (75% SUR)

5 DAYS (60% SUR)

OTHER

TEMP

CUSTODY SEAL Y N N/A

REINQUISHED BY (SIGN AND PRINT): Mark Mendota
 DATE/TIME: 11/1/07 1300
 RECEIVED BY (SIGN AND PRINT): Elizabeth Golden
 DATE/TIME: 11/2/07 0830

LAUCK'S TESTING LABORATORIES

**Perchlorate Data
(Subcontracted to Weck Laboratories)**

BATTELLE

SDG.: JPL69

QA/QC Data Package

EPA Method 314 – Perchlorate

Lab ID number: 7112123 (1-6)

1. Case Narrative

The samples were received on ice and they were in good condition. The temperature upon receipt at the laboratory was 3.2°C and the analyses were completed within holding time. All QA/QC determinations were within acceptance ranges.

The following acronyms are used in this data package:

IPC: Instrument Performance Check, is a calibration check standard prepared in a matrix of high conductivity. It defines the highest background that a sample can have to be analyzed directly; samples with higher backgrounds need to be diluted.

IPC: Instrument Performance Check prepared with high conductivity matrix (20 ppb).

LRB: Laboratory Reagent Blank or Method Blank.

ICCS: Initial Calibration Check Standard at the 'Emergent Chemical' reporting limit (2 ppb).

CCCS: Continuing Calibration Check Standard at mid-level (20 ppb).

ECCS: End Calibration Check Standard at high-level (40 ppb).

Note: CCCSs and ECCSs alternate through the batch.

2. QC Summaries

See Quality Control Report

3. Sample Data

3.1 Analytical results summary: see Certificate of Analysis.

3.2 Chromatograms, quantitation reports and injection log for samples and QC runs for the batch: See Appendix 1.

3.3 Chain of custody record: A copy is included with the Certificate of Analysis.

3.4 Copies of bench sheets and secondary review checklist: Appendix 2.

4. Calibration Data

4.1 Initial Calibration summary and chromatograms: See Appendix 3.

4.2 Continuing calibration summary and chromatograms: See Appendix 1.

5. Raw Data
 - 5.1 Chromatograms and quantitation for MS/MSD and LCS: See Appendix 1.
 - 5.2 Bench sheets: See Appendix 2.

6. Standards Preparation Records
 - 6.1 See Appendix 4 for copies of standards and solutions preparation

Appendix 1- Chromatograms, Quant Reports and Injection logs



J-FLAGS

LEVEL 4 QA/QC

Weck Laboratories, Inc.

Environmental and Analytical Services - Since 1964

Work Order: **7112123**

Printed: 11/21/2007 12:58:12PM

Client: Laucks Testing Laboratories, Inc.	Project Manager: Kim G Tu
Project Name: Laucks Testing	Project Number: 45196
Logged In By: Jaime Gomez	Date Logged In: 11/21/07 12:56
Received By: Jaime Gomez	Date Received: 11/21/07 12:25

Comments: Print J Flags and send acknowledgment to Elaine Walker. Cost includes a standard QA/QC data package and EDD in excel format.

Method: EPA 314.0

Department: HPLC/IC

Analysis	TAT Due	Expires	Results	Comments
7112123-01 - JPL69-001 [Water] Sampled on 11/01/07 07:50 at Pacific Time Zone				
Perchlorate_314_w	10 12/07/07 12:00	11/29/07 07:50	3.8 ug/l	
7112123-02 - JPL69-002 [Water] Sampled on 11/01/07 08:20 at Pacific Time Zone				
Perchlorate_314_w	10 12/07/07 12:00	11/29/07 08:20	4.4	
7112123-03 - JPL69-003 [Water] Sampled on 11/01/07 08:50 at Pacific Time Zone				
Perchlorate_314_w	10 12/07/07 12:00	11/29/07 08:50	4.2	
7112123-04 - JPL69-004 [Water] Sampled on 11/01/07 09:22 at Pacific Time Zone				
Perchlorate_314_w	10 12/07/07 12:00	11/29/07 09:22	8.0	
7112123-05 - JPL69-005 [Water] Sampled on 11/01/07 09:59 at Pacific Time Zone				
Perchlorate_314_w	10 12/07/07 12:00	11/29/07 09:59	ND	MS/MSD REQUIRED
7112123-06 - JPL69-006 [Water] Sampled on 11/01/07 09:41 at Pacific Time Zone				
Perchlorate_314_w	10 12/07/07 12:00	11/29/07 09:41	ND	

WTK1023
11/26/07 hmc

JRC
11-27-07

FORM SUMMARY

SDG # JPL69

Volatiles Analysis

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-5

Lab Name: _____
 SDG No.: JPL69
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023155
 Lab Sample ID: JPL69-001
 Lab File ID: M1105021.D
 Date Collected: 11/01/2007
 Date/Time Analyzed: 11/05/2007 19:03
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.31	J
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.30	J
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-5

Lab Name: _____
 SDG No.: JPL69
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023155
 Lab Sample ID: JPL69-001
 Lab File ID: M1105021.D
 Date Collected: 11/01/2007
 Date/Time Analyzed: 11/05/2007 19:03
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		<u>ug/L</u>	
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	2.3	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-5

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL69

Run Sequence: R023155

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL69-001

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M1105021.D

Level: (LOW/MED) _____

Date Collected: 11/01/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/05/2007 19:03

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-4

Lab Name: _____
 SDG No.: JPL69
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023155
 Lab Sample ID: JPL69-002
 Lab File ID: M1105022.D
 Date Collected: 11/01/2007
 Date/Time Analyzed: 11/05/2007 19:30
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.26	J
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-4

Lab Name: _____
 SDG No.: JPL69
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023155
 Lab Sample ID: JPL69-002
 Lab File ID: M1105022.D
 Date Collected: 11/01/2007
 Date/Time Analyzed: 11/05/2007 19:30
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.48	J
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-4

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL69

Run Sequence: R023155

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL69-002

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M1105022.D

Level: (LOW/MED) _____

Date Collected: 11/01/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/05/2007 19:30

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-3

Lab Name: _____
 SDG No.: JPL69
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023155
 Lab Sample ID: JPL69-003
 Lab File ID: M1105023.D
 Date Collected: 11/01/2007
 Date/Time Analyzed: 11/05/2007 19:57
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-3

Lab Name: _____
 SDG No.: JPL69
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023155
 Lab Sample ID: JPL69-003
 Lab File ID: M1105023.D
 Date Collected: 11/01/2007
 Date/Time Analyzed: 11/05/2007 19:57
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.45	J
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-3

Lab Name: _____
 SDG No.: JPL69
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023155
 Lab Sample ID: JPL69-003
 Lab File ID: M1105023.D
 Date Collected: 11/01/2007
 Date/Time Analyzed: 11/05/2007 19:57
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-2

Lab Name: _____
 SDG No.: JPL69
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023155
 Lab Sample ID: JPL69-004
 Lab File ID: M1105026.D
 Date Collected: 11/01/2007
 Date/Time Analyzed: 11/05/2007 21:16
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.32	J
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.26	J
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.47	J
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.99	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-2

Lab Name: _____
 SDG No.: JPL69
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023155
 Lab Sample ID: JPL69-004
 Lab File ID: M1105026.D
 Date Collected: 11/01/2007
 Date/Time Analyzed: 11/05/2007 21:16
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,1,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-2

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL69

Run Sequence: R023155

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL69-004

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M1105026.D

Level: (LOW/MED) _____

Date Collected: 11/01/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/05/2007 21:16

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-1

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL69

Run Sequence: R023155

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL69-005

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M1105024.D

Level: (LOW/MED) _____

Date Collected: 11/01/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/05/2007 20:23

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-1

Lab Name: _____
 SDG No.: JPL69
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023155
 Lab Sample ID: JPL69-005
 Lab File ID: M1105024.D
 Date Collected: 11/01/2007
 Date/Time Analyzed: 11/05/2007 20:23
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-19-1

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL69

Run Sequence: R023155

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL69-005

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M1105024.D

Level: (LOW/MED) _____

Date Collected: 11/01/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/05/2007 20:23

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-2-11/1/07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL69

Run Sequence: R023155

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL69-006

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M1105025.D

Level: (LOW/MED) _____

Date Collected: 11/01/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/05/2007 20:49

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-2-11/1/07

Lab Name: _____
 SDG No.: JPL69
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023155
 Lab Sample ID: JPL69-006
 Lab File ID: M1105025.D
 Date Collected: 11/01/2007
 Date/Time Analyzed: 11/05/2007 20:49
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-2-11/1/07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL69

Run Sequence: R023155

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL69-006

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M1105025.D

Level: (LOW/MED) _____

Date Collected: 11/01/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/05/2007 20:49

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

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Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL69

Run Sequence: R023470

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL69-007

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1115021.D

Level: (LOW/MED) _____

Date Collected: 11/01/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/15/2007 15:18

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: <u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TRIP BLANK

Lab Name: _____
 SDG No.: JPL69
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023470
 Lab Sample ID: JPL69-007
 Lab File ID: B1115021.D
 Date Collected: 11/01/2007
 Date/Time Analyzed: 11/15/2007 15:18
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,1,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TRIP BLANK

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL69

Run Sequence: R023470

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL69-007

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1115021.D

Level: (LOW/MED) _____

Date Collected: 11/01/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/15/2007 15:18

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1 TIC
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-19-5

Lab Name: Laucks Testing Laboratories, Inc
 SDG No.: JPL69
 Matrix: (SOIL/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Number TICs Found: 0

Contract: JPL Groundwater Monitorin
 Run Sequence: R023155
 Lab Sample ID: JPL69-001
 Lab File ID: M1105021.D
 Date Collected: 11/01/2007
 Date Analyzed: 11/05/2007
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)
 CONCENTRATION UNITS:
ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01				
02				
03				
04				
05				
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Comments:

1 TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-19-4

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL69

Run Sequence: R023155

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL69-002

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M1105022.D

Level: (LOW/MED) _____

Date Collected: 11/01/2007

% Moisture: not dec. _____

Date Analyzed: 11/05/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01				
02				
03				
04				
05				
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Comments:

1 TIC
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-19-3

Lab Name: Laucks Testing Laboratories, Inc
 SDG No.: JPL69
 Matrix: (SOIL/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Number TICs Found: 0

Contract: JPL Groundwater Monitorin
 Run Sequence: R023155
 Lab Sample ID: JPL69-003
 Lab File ID: M1105023.D
 Date Collected: 11/01/2007
 Date Analyzed: 11/05/2007
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)
 CONCENTRATION UNITS:
ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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Comments:

1 TIC
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-19-2

Lab Name: Laucks Testing Laboratories, Inc
 SDG No.: JPL69
 Matrix: (SOIL/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Number TICs Found: 0

Contract: JPL Groundwater Monitorin
 Run Sequence: R023155
 Lab Sample ID: JPL69-004
 Lab File ID: M1105026.D
 Date Collected: 11/01/2007
 Date Analyzed: 11/05/2007
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)
 CONCENTRATION UNITS:
ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01				
02				
03				
04				
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Comments:

1 TIC
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-19-1

Lab Name: Laucks Testing Laboratories, Inc
 SDG No.: JPL69
 Matrix: (SOIL/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Number TICs Found: 0

Contract: JPL Groundwater Monitorin
 Run Sequence: R023155
 Lab Sample ID: JPL69-005
 Lab File ID: M1105024.D
 Date Collected: 11/01/2007
 Date Analyzed: 11/05/2007
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)
 CONCENTRATION UNITS:
ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01				
02				
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Comments:

1 TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

EB-2-11/1/07

Lab Name: Laucks Testing Laboratories, Inc
 SDG No.: JPL69
 Matrix: (SOIL/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Number TICs Found: 0

Contract: JPL Groundwater Monitorin
 Run Sequence: R023155
 Lab Sample ID: JPL69-006
 Lab File ID: M1105025.D
 Date Collected: 11/01/2007
 Date Analyzed: 11/05/2007
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)
 CONCENTRATION UNITS:
ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01				
02				
03				
04				
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Comments:

1 TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

TRIP BLANK

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL69

Run Sequence: R023470

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL69-007

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1115021.D

Level: (LOW/MED) _____

Date Collected: 11/01/2007

% Moisture: not dec. _____

Date Analyzed: 11/15/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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Comments:

FORMS SUMMARY

JPL69

Metals Data

SW-846
-1-
INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-19-5

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL69

Matrix (soil/water): Water

Lab Sample ID: JPL69-001

Level (low/med): LOW

Date Received: 11/02/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.00	U		M	R023230

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-19-4

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL69

Matrix (soil/water): Water

Lab Sample ID: JPL69-002

Level (low/med): LOW

Date Received: 11/02/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.24			M	R023230

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-19-3

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL69

Matrix (soil/water): Water

Lab Sample ID: JPL69-003

Level (low/med): LOW

Date Received: 11/02/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	2.77			M	R023230

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-19-2

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL69

Matrix (soil/water): Water

Lab Sample ID: JPL69-004

Level (low/med): LOW

Date Received: 11/02/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	3.02			M	R023230

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-19-1

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin
 Lab Code: LAUCKS SDG No.: JPL69
 Matrix (soil/water): Water Lab Sample ID: JPL69-005
 Level (low/med): LOW Date Received: 11/02/2007
 % Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.00	U		M	R023230

Color Before: Colorless Clarity Before: Clear Texture: _____
 Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

EB-2-11/1/07

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL69

Matrix (soil/water): Water

Lab Sample ID: JPL69-006

Level (low/med): LOW

Date Received: 11/02/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.00	U		M	R023230

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

LAUCKS TESTING LABORATORIES

SAMPLE DATA PACKAGE

BATTELLE

SDG NO.: JPL70

December 12, 2007

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

To: Battelle
Project Name: JPL Groundwater
SDG No.: JPL70
Date of Report:

SAMPLE RECEIPT, IDENTIFICATION, AND GENERAL COMMENTS:

Sample Receipt and Identification:

The samples submitted under the laboratory number(s) indicated above were identified and analyzed as tabulated below. The samples were collected and received on the dates noted on the enclosed chain-of-custody copies, Attachment A.

<u>Client Sample Identification</u>	<u>Laucks Sample Identification</u>	<u>Testing Analytical Request</u>
MW-20-5	JPL70-001	VOA/MET/PER
MW-20-4	JPL70-002	VOA/MET/PER
MW-20-3	JPL70-003	VOA/MET/PER
MW-20-2	JPL70-004	VOA/MET/PER
MW-20-1	JPL70-005	VOA/MET/PER
EB-3-11/2/07	JPL70-006	VOA/MET/PER
MW-18-5	JPL70-007	VOA/MET/PER
MW-18-4	JPL70-008	VOA/MET/PER
MW-18-3	JPL70-009	VOA/MET/PER
MW-18-2	JPL70-010	VOA/MET/PER
MW-18-1	JPL70-011	VOA/MET/PER
EB-4-11/5/07	JPL70-012	VOA/MET/PER
TRIP BLANK	JPL70-013	VOA

Analytical Request Key:

VOA = Volatiles (524.2)
MET = Chromium (200.8)
PER = Perchlorate (314.0) Subcontracted to Weck Laboratories

Sample Receipt Comments:

The following discrepancies were noted in association with the receipt of these samples. The temperature blank was measured at a temperature above the control limit of $4^{\circ}\text{C} \pm 2^{\circ}\text{C}$. The client was notified of this discrepancy on November 11, 2007 via email.

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

GENERAL REMARKS ON ORGANIC ANALYSES:

The following comments describe general analysis conditions. For remarks specific to the samples reported in this case, see "SPECIFIC REMARKS ON ORGANIC ANALYSIS."

Manual Integrations:

One or more analytes may have been manually integrated on the data system quantitation reports. All manual integrations have been flagged, initialed, and dated by the analyst. A list of the manual integration flags is detailed below.

M	Manual integration due to irregular peak shape
MS	Manual integration due to split peak
MR	Manual integration due to retention time shift
MI	Manual integration of correct isomer
MT	Manual integration due to peak tailing
MB	Manual integration due to irregular baseline

Holding Time Compliance:

Volatile Organic Compounds:

The holding time is 14 days calculated from date of collection in both soil and water samples. All samples were analyzed within holding time.

Volatiles Fraction:

Quality Control Analysis:

MS/MSD analyses were not performed due to insufficient sample volume. All spiking analytes in the blank spike analysis recovered within control limits.

GENERAL REMARKS ON INORGANIC ANALYSES:

The following comments describe general analysis conditions. For remarks specific to the samples reported in this case, see "SPECIFIC REMARKS ON INORGANIC ANALYSES."

ICP Metals:

On the first timed and dated page of each ICP-MS run, the data to be reported or rejected will be tabulated for that run.

SPECIFIC REMARKS ON INORGANIC ANALYSES:

Holding Time Compliance:

Laucks calculates holding time compliance for inorganic determinations using the date on which reportable data were acquired.

LAUCKS TESTING LABORATORIES
940 S. Harney
Seattle, WA 98108

Metals:

The holding time for metals is six months from the date of collection, excepting mercury, which is 28 days. All analyses were performed within holding time.

ICP-MS Metals:

No comments.

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

ABBREVIATIONS

Several abbreviations can appear in our reports. The most commonly employed abbreviations are as follows:

- U The analyte of interest was not detected to the limit of detection indicated.
- SDL Sample Detection Limit. The SDL can vary from sample to sample, depending on sample size, matrix interferences, moisture content and other sample-specific conditions.
- PQL Practical Quantitation Limit. The limit is drawn from the test method and usually represents the SDL multiplied by a matrix-specific factor.
- DB Dry Basis. The value reported has been back-calculated to normalize for the moisture content of the sample.
- AR As-Received. The value has not been normalized for moisture.

ORGANIC ANALYSES:

- B When used in relation to organics fractions, the "B" flag indicates that the analyte of interest was detected in the method blank associated with the sample, as well as in the sample itself. The "B" flag is applied without regard to the relative concentrations detected in the blank and sample.
 - J The analyte of interest was detected below the routine reporting limit. This value should be regarded as an estimate.
 - T The flagged values represent the SUM of two co-eluting compounds. The SUM of these two values is shown as though it were a result for each of them. The two figures should not be added together.
 - E The flagged value was reported from an analysis that exceeded the linear range of the instrument. See additional comments for further discussion of the circumstances. Values so flagged should be considered estimates.
 - P When a dual column GC technique is employed, this flag indicates that test results from the two columns differ by more than 25%. Generally, we report the higher value.
 - C The flagged analyte has been confirmed by GC/MS analysis. The value reported may be derived from either the initial or confirmatory (GC/MS) analysis. See specific report comments for details.
 - ~ This result has been identified as non-primary based on the analyst's professional judgment.
- CRQL Client requested Quantitation Limit, usually the limit of detection specified at your request. Might also be referred to as Contract Required Quantitation Limit.

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

INORGANIC ANALYSES:

- J The reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL). If the analyte was analyzed for but not detected, a "U" shall be entered.
 - E The reported value is estimated because of the presence of interference. The serial dilution was not within control limits.
 - N Spiked sample recovery not within control limits.
 - * Duplicate analysis not within control limits.
- CRDL Client Requested Detection Limit, usually the limit of detection specified at your request. Might also be referred to as Contract Required Detection Limit.

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

RELEASE OF DATA

Laucks certifies that these results meet all requirements of the NELAC standards, except where otherwise noted.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."

Respectfully submitted,


Kara Godineaux
Project Manager

12/13/07
(DATE)


Harry Romberg
Quality Assurance Officer

12/12/07
(DATE)

HOW TO CONTACT US:

All Laucks Testing Laboratories staff members can be reached at the same telephone and facsimile numbers: (206) 767-5060 by phone, (206) 767-5063 by FAX.

REQUESTS FOR DUPLICATE COPIES:

This packet has been checked for accuracy. All pages are present and in sequential order. Please see Attachment B for a detailed record.

In the event that duplicate data copies are needed, Laucks will accommodate your request at a fee of twenty-five cents (\$0.25) per copy, plus shipping. If the data are in storage, there will also be a fee for retrieval.

LAUCKS TESTING LABORATORIES
940 S. Harney
Seattle, WA 98108

ATTACHMENT A

Chain-of-Custody Copies

LAUCKS TESTING LABORATORIES, INC. - SAMPLE CONFIRMATION LOG

Sample ID (SDG-#)	VTSR	Collected On	Client ID	200.8 Total Cr	314.0 Perchlorate	524.2 Volatile Organics + TICs (JPL Special list)	Turmet for 200.7/200.8 Turmet
JPL70-001	11/06/2007 08:30 AM	11/02/2007 07:50 AM	MW-20-5	IN	IN	IN	IN
JPL70-002	11/06/2007 08:30 AM	11/02/2007 08:27 AM	MW-20-4	IN	IN	IN	IN
JPL70-003	11/06/2007 08:30 AM	11/02/2007 09:38 AM	MW-20-3	IN	IN	IN	IN
JPL70-004	11/06/2007 08:30 AM	11/02/2007 10:07 AM	MW-20-2	IN	IN	IN	IN
JPL70-005	11/06/2007 08:30 AM	11/02/2007 10:36 AM	MW-20-1	IN	IN	IN	IN
JPL70-006	11/06/2007 08:30 AM	11/02/2007 10:21 AM	EB-3-11/2/07	IN	IN	IN	IN
JPL70-007	11/06/2007 08:30 AM	11/05/2007 08:13 AM	MW-18-5	IN	IN	IN	IN
JPL70-008	11/06/2007 08:30 AM	11/05/2007 08:45 AM	MW-18-4	IN	IN	IN	IN
JPL70-009	11/06/2007 08:30 AM	11/05/2007 09:15 AM	MW-18-3	IN	IN	IN	IN
JPL70-010	11/06/2007 08:30 AM	11/05/2007 09:47 AM	MW-18-2	IN	IN	IN	IN
JPL70-011	11/06/2007 08:30 AM	11/05/2007 10:22 AM	MW-18-1	IN	IN	IN	IN
JPL70-012	11/06/2007 08:30 AM	11/05/2007 10:07 AM	EB-4-11/5/07	IN	IN	IN	IN
JPL70-013	11/06/2007 08:30 AM	11/05/2007 12:00 AM	TRIP BLANK			IN	IN

On:

Approved By:
Notes:

Samples identified with a '*' client has requested QC for

LEGEND: -:Started, +:Completed, IN:Logged In, P:Preparation, A:Analysis, X:Cancelled, PL:Pre-logged

FORM LTL-PM-8.0

THIS INFORMATION WILL BE USED FOR REPORTING/BILLING (SEE BELOW)

COMPANY: BATELLE
 ADDRESS: 3990 OLD TOWN AVE, C-207
SAN DIEGO, CA 92110
 ATTENTION: DAVID CONNER
 PROJECT NAME: JPL GW MON 4007
 PROJECT CONTACT: DAVID CONNER
 TELEPHONE: 619-726-7311 FAX: _____
 JOB/P.O. NO.: 64860501

CHAIN OF CUSTODY RECORD SDG # _____


44209

PAGE 1 OF 1

WORK ORDER ID# JPL70

SUBMITTED AT: _____

Testing Laboratories, Inc. 10
 910 South Henry St, Seattle, WA 98108 (206) 735-5000 FAX 737-5003
 1106 Leitch Ave, Yelm, WA 99092 (509) 245-4095 FAX 521-1205

MATRIX: WATER, SOIL OR SPECIFY	NO. OF CONTAINERS	TESTS TO PERFORM
	VOL (524.2)	
	TOTAL W (200.8)	
	LIQ - (314.0)	

LABS#	SAMPLE ID / LOCATION	DATE	TIME	W	S	X	X	X	TESTS TO PERFORM	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
1	MW-20-5	11/2/07	750		X	X	X			
2	MW-20-4		827		X	X	X			
3	MW-20-3		938		X	X	X			
4	MW-20-2		1007		X	X	X			
5	MW-20-1		1036		X	X	X			
6	ER-3 - W 12/07		1021		X	X	X			EDIA BLANK

A. A standard turnaround time is assumed unless otherwise marked. B. The laboratory may not be responsible for missed holding time for samples received with less than 50% of the analytical hold time remaining. Please contact the laboratory for further information.

- INSTRUCTIONS
1. USE ONE LINE PER SAMPLE.
 2. BE SPECIFIC IN TEST REQUESTS.
 3. CHECK OFF TESTS TO BE PERFORMED FOR EACH SAMPLE.

NAME: BATELLE
 ATTN: GENARD TOMPKINS
 ADDRESS: 505 LEWIS AVE
 CITY, STATE, ZIP: COLUMBUS, OH 43201

* RUSH TURNAROUND IS SUBJECT TO PRIOR LABORATORY APPROVAL

TOTAL NO. OF CONTAINERS

TURNAROUND REQUEST

STD. 10-14 WORKING DAYS

24-48 HRS. (100% SUR)

72 HRS. (75% SUR)

5 DAYS (60% SUR)

OTHER _____

TEMP:

CUSTODY SEAL: Y N N/A

REINQUISHEN BY (SIGN AND PRINT): Marcus Anderson DATE: 11/2/07

RECEIVED BY (SIGN AND PRINT): Elizabeth Nielsen DATE: 0530

COMPANY: BATELUE
 ADDRESS: 3940 9th Ave, C-205
San Diego, CA 92110
 ATTENTION: DAVID COVENE
 PROJECT NAME: TOL GW MAN. 4007
 PROJECT CONTACT: DAVID COVENE
 TELEPHONE: 619-726-7311 FAX: _____
 JOB/PO. NO.: 4486050 /

44207

WORK ORDER ID#

SP170

PAGE 1 OF 1

SUBMITTED AT:

Testing Laboratories, Inc. 
 940 South Henry St. Seattle, WA 98106 (206) 767-5000 FAX 767-5065
 1101 Leitchfield Ave. Tallahassee, FL 32302 (904) 285-4995 FAX 432-1265

MATRIX: WATER, SOIL OR SPECIFY
 NO. OF CONTAINERS
VOL (524.2)
TOTAL G (200.8)
CLD4 - (314.0)

TESTS TO PERFORM

OBSERVATIONS,
 COMMENTS, SPECIAL
 INSTRUCTIONS

LAB #	SAMPLE ID / LOCATION	DATE	TIME	W	S	X	X	X					
7	MW-18-5	11/5/07	813			X	X	X					
8	MW-18-4		845			X	X	X					
9	MW-18-3		915			X	X	X					
10	MW-18-2		947			X	X	X					
11	MW-18-1		1022			X	X	X					
12	EB-4-11/15/07		1057			X	X	X					
13	Trip Blank												

A. A standard turnaround time is assumed unless otherwise marked.

B. The laboratory may not be responsible for missed holding time for samples received with less than 50% of the analytical hold time remaining. Please contact the laboratory for further information.

INSTRUCTIONS

1. USE ONE LINE PER SAMPLE.
2. BE SPECIFIC IN TEST REQUESTS.
3. CHECK OFF TESTS TO BE PERFORMED FOR EACH SAMPLE.

BILLING INFORMATION (DIFFERENT THAN ABOVE)

NAME: BATELUE
 ATTN: _____
 ADDRESS: 505 KING AVE
 CITY, STATE, ZIP: _____

RECEIVED BY (SIGN AND PRINT): _____
 DATE: _____
 TIME: _____

* RUSH TURNAROUND IS SUBJECT TO PRIOR LABORATORY APPROVAL

TOTAL NO. OF CONTAINERS: _____
 TURNAROUND REQUEST: STD. 10-14 WORKING DAYS
 24-48 HRS. (100% SUR)
 72 HRS. (75% SUR)
 5 DAYS (50% SUR)
 OTHER: _____
 CUSTODY SEAL: Y N N/A

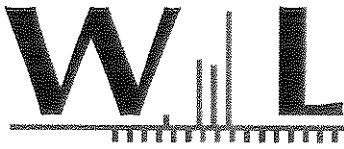
RELINQUISHED BY (SIGN AND PRINT): MARCO ALEXANDER
 DATE: 11/5/07
 TIME: 1300
 RECEIVED BY (SIGN AND PRINT): Elizabeth Golden
 DATE: 11/6/07
 TIME: 0830

LAUCK'S TESTING LABORATORIES

**Perchlorate Data
(Subcontracted to Weck Laboratories, Inc.)**

BATTELLE

SDG.: JPL70



CERTIFICATE OF ANALYSIS

Client: Laucks Testing Laboratories, Inc. 940 South Harney Street Seattle, WA 98108 Attention: Kara Godineaux	Report Date: 12/05/07 15:46 Received Date: 11/21/07 12:25 Turn Around: Normal
Phone: (206) 957-2422 Fax: (206) 767-5063	Work Order #: 7112124 Client Project: 45198
NELAP #04229CA ELAP#1132 NEVADA #CA211 HAWAII LACSD #10143	
<i>The results in this report apply to the samples analyzed in accordance with the Chain of Custody document. Weck Laboratories, Inc. certifies that the test results meet all NELAC requirements unless noted in the case narrative. This analytical report is confidential and is only intended for the use of Weck Laboratories, Inc. and its client. This report contains the Chain of Custody document, which is an integral part of it, and can only be reproduced in full with the authorization of Weck Laboratories, Inc.</i>	

Dear Kara Godineaux :

Enclosed are the results of analyses for samples received 11/21/07 12:25 with the Chain of Custody document. The samples were received in good condition. The samples were received at 3.2 °C and on ice. All analysis met the method criteria except as noted below or in the report with data qualifiers.

Reviewed by:

Kim G Tu

Project Manager





Weck Laboratories, Inc.
 14859 E. Clark Ave.
 Industry, CA 91745
 Phone 626.336.2139 Fax 626.336.2634

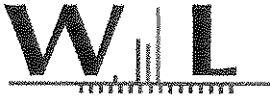
Laucks Testing Laboratories, Inc.
 940 South Harney Street
 Seattle WA, 98108

Report ID: 7112124
 Project ID: 45198

Date Received: 11/21/07 12:25
 Date Reported: 12/05/07 15:46

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Sampled by:	Sample Comments	Laboratory	Matrix	Date Sampled
JPL70-001	Client		7112124-01	Water	11/02/07 07:50
JPL70-002	Client		7112124-02	Water	11/02/07 08:27
JPL70-003	Client		7112124-03	Water	11/02/07 09:38
JPL70-004	Client		7112124-04	Water	11/02/07 10:07
JPL70-006	Client		7112124-05	Water	11/02/07 10:21
JPL70-005	Client		7112124-06	Water	11/02/07 10:36



Weck Laboratories, Inc.
14859 E. Clark Ave.
Industry, CA 91745
Phone 626.336.2139 Fax 626.336.2634

Laucks Testing Laboratories, Inc.
940 South Harney Street
Seattle WA, 98108

Report ID: 7112124
Project ID: 45198

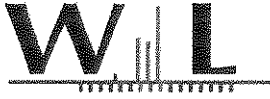
Date Received: 11/21/07 12:25
Date Reported: 12/05/07 15:46

JPL70-001 7112124-01 (Water)

Date Sampled: 11/02/07 07:50

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7K1024	11/26/07	11/26/07	hmc



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14859 E. Clark Ave.
Industry, CA 91745
Phone 626.336.2139 Fax 626.336.2634

Laucks Testing Laboratories, Inc.
940 South Harney Street
Seattle WA, 98108

Report ID: 7112124
Project ID: 45198

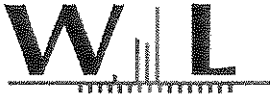
Date Received: 11/21/07 12:25
Date Reported: 12/05/07 15:46

JPL70-002 7112124-02 (Water)

Date Sampled: 11/02/07 08:27

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7K1024	11/26/07	11/26/07	hmc



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Industry, CA 91745
Phone 626.336.2139 Fax 626.336.2634

Laucks Testing Laboratories, Inc.
940 South Harney Street
Seattle WA, 98108

Report ID: 7112124
Project ID: 45198

Date Received: 11/21/07 12:25
Date Reported: 12/05/07 15:46

JPL70-003 7112124-03 (Water)

Date Sampled: 11/02/07 09:38

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7K1024	11/26/07	11/26/07	hmc



Weck Laboratories, Inc.
 14859 E. Clark Ave.
 Industry, CA 91745
 Phone 626.336.2139 Fax 626.336.2634

Laucks Testing Laboratories, Inc. 940 South Harney Street Seattle WA, 98108	Report ID: 7112124 Project ID: 45198	Date Received: 11/21/07 12:25 Date Reported: 12/05/07 15:46
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JPL70-004 7112124-04 (Water)

Date Sampled: 11/02/07 10:07

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	3.7	ug/l	2.0	1	EPA 314.0	W7K1024	11/26/07	11/26/07	hmc



Weck Laboratories, Inc.
 14859 E. Clark Ave.
 Industry, CA 91745
 Phone 626.336.2139 Fax 626.336.2634

Laucks Testing Laboratories, Inc.
 940 South Harney Street
 Seattle WA, 98108

Report ID: 7112124
 Project ID: 45198

Date Received: 11/21/07 12:25
 Date Reported: 12/05/07 15:46

JPL70-006 7112124-05 (Water)

Date Sampled: 11/02/07 10:21

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7K1024	11/26/07	11/26/07	hmc



Weck Laboratories, Inc.
14859 E. Clark Ave.
Industry, CA 91745
Phone 626.336.2139 Fax 626.336.2634

Laucks Testing Laboratories, Inc.
940 South Harney Street
Seattle WA, 98108

Report ID: 7112124
Project ID: 45198

Date Received: 11/21/07 12:25
Date Reported: 12/05/07 15:46

JPL70-005 7112124-06 (Water)

Date Sampled: 11/02/07 10:36

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	2.0	ug/l	2.0	1	EPA 314.0	W7K1191	11/27/07	11/28/07	hmc

FORMS SUMMARY

SDG JPL70

VOLATILES ANALYSIS

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-5

Lab Name: _____
 SDG No.: JPL70
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023198
 Lab Sample ID: JPL70-001
 Lab File ID: M1106018.D
 Date Collected: 11/02/2007
 Date/Time Analyzed: 11/06/2007 17:57
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-5

Lab Name: _____
 SDG No.: JPL70
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023198
 Lab Sample ID: JPL70-001
 Lab File ID: M1106018.D
 Date Collected: 11/02/2007
 Date/Time Analyzed: 11/06/2007 17:57
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.30	J
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-5

Lab Name: _____
 SDG No.: JPL70
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023198
 Lab Sample ID: JPL70-001
 Lab File ID: M1106018.D
 Date Collected: 11/02/2007
 Date/Time Analyzed: 11/06/2007 17:57
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-4

Lab Name: _____
 SDG No.: JPL70
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023198
 Lab Sample ID: JPL70-002
 Lab File ID: M1106019.D
 Date Collected: 11/02/2007
 Date/Time Analyzed: 11/06/2007 18:24
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-4

Lab Name: _____
 SDG No.: JPL70
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023198
 Lab Sample ID: JPL70-002
 Lab File ID: M1106019.D
 Date Collected: 11/02/2007
 Date/Time Analyzed: 11/06/2007 18:24
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-4

Lab Name: _____
 SDG No.: JPL70
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023198
 Lab Sample ID: JPL70-002
 Lab File ID: M1106019.D
 Date Collected: 11/02/2007
 Date/Time Analyzed: 11/06/2007 18:24
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-3

Lab Name: _____
 SDG No.: JPL70
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023198
 Lab Sample ID: JPL70-003
 Lab File ID: M1106020.D
 Date Collected: 11/02/2007
 Date/Time Analyzed: 11/06/2007 18:51
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		<u>ug/L</u>	
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-3

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL70

Run Sequence: R023198

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL70-003

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M1106020.D

Level: (LOW/MED) _____

Date Collected: 11/02/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/06/2007 18:51

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.51	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-3

Lab Name: _____
 SDG No.: JPL70
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023198
 Lab Sample ID: JPL70-003
 Lab File ID: M1106020.D
 Date Collected: 11/02/2007
 Date/Time Analyzed: 11/06/2007 18:51
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-2

Lab Name: _____
 SDG No.: JPL70
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023198
 Lab Sample ID: JPL70-004
 Lab File ID: M1106021.D
 Date Collected: 11/02/2007
 Date/Time Analyzed: 11/06/2007 19:17
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.32	J
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-2

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL70

Run Sequence: R023198

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL70-004

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M1106021.D

Level: (LOW/MED) _____

Date Collected: 11/02/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/06/2007 19:17

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.25	J
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-2

Lab Name: _____
 SDG No.: JPL70
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023198
 Lab Sample ID: JPL70-004
 Lab File ID: M1106021.D
 Date Collected: 11/02/2007
 Date/Time Analyzed: 11/06/2007 19:17
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-1

Lab Name: _____
 SDG No.: JPL70
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023198
 Lab Sample ID: JPL70-005
 Lab File ID: M1106022.D
 Date Collected: 11/02/2007
 Date/Time Analyzed: 11/06/2007 19:44
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-1

Lab Name: _____
 SDG No.: JPL70
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023198
 Lab Sample ID: JPL70-005
 Lab File ID: M1106022.D
 Date Collected: 11/02/2007
 Date/Time Analyzed: 11/06/2007 19:44
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-20-1

Lab Name: _____
 SDG No.: JPL70
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023198
 Lab Sample ID: JPL70-005
 Lab File ID: M1106022.D
 Date Collected: 11/02/2007
 Date/Time Analyzed: 11/06/2007 19:44
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-3-11/2/07

Lab Name: _____
 SDG No.: JPL70
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023198
 Lab Sample ID: JPL70-006
 Lab File ID: M1106023.D
 Date Collected: 11/02/2007
 Date/Time Analyzed: 11/06/2007 20:11
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-3-11/2/07

Lab Name: _____
 SDG No.: JPL70
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023198
 Lab Sample ID: JPL70-006
 Lab File ID: M1106023.D
 Date Collected: 11/02/2007
 Date/Time Analyzed: 11/06/2007 20:11
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-3-11/2/07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL70

Run Sequence: R023198

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL70-006

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M1106023.D

Level: (LOW/MED) _____

Date Collected: 11/02/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/06/2007 20:11

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-5

Lab Name: _____
 SDG No.: JPL70
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023198
 Lab Sample ID: JPL70-007
 Lab File ID: M1106024.D
 Date Collected: 11/05/2007
 Date/Time Analyzed: 11/06/2007 20:38
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-5

Lab Name: _____
 SDG No.: JPL70
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023198
 Lab Sample ID: JPL70-007
 Lab File ID: M1106024.D
 Date Collected: 11/05/2007
 Date/Time Analyzed: 11/06/2007 20:38
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-5

Lab Name: _____
 SDG No.: JPL70
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023198
 Lab Sample ID: JPL70-007
 Lab File ID: M1106024.D
 Date Collected: 11/05/2007
 Date/Time Analyzed: 11/06/2007 20:38
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-4

Lab Name: _____
 SDG No.: JPL70
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023198
 Lab Sample ID: JPL70-008
 Lab File ID: M1106025.D
 Date Collected: 11/05/2007
 Date/Time Analyzed: 11/06/2007 21:05
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: <u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.84	
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	1.9	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	8.8	
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	1.1	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-4

Lab Name: _____
 SDG No.: JPL70
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023198
 Lab Sample ID: JPL70-008
 Lab File ID: M1106025.D
 Date Collected: 11/05/2007
 Date/Time Analyzed: 11/06/2007 21:05
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.49	J
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-4

Lab Name: _____
 SDG No.: JPL70
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023198
 Lab Sample ID: JPL70-008
 Lab File ID: M1106025.D
 Date Collected: 11/05/2007
 Date/Time Analyzed: 11/06/2007 21:05
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-3

Lab Name: _____
 SDG No.: JPL70
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023198
 Lab Sample ID: JPL70-009
 Lab File ID: M1106026.D
 Date Collected: 11/05/2007
 Date/Time Analyzed: 11/06/2007 21:32
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.91	
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	1.3	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	8.3	
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.67	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-3

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL70

Run Sequence: R023198

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL70-009

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M1106026.D

Level: (LOW/MED) _____

Date Collected: 11/05/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/06/2007 21:32

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.27	J
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-3

Lab Name: _____
 SDG No.: JPL70
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023198
 Lab Sample ID: JPL70-009
 Lab File ID: M1106026.D
 Date Collected: 11/05/2007
 Date/Time Analyzed: 11/06/2007 21:32
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-2

Lab Name: _____
 SDG No.: JPL70
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023198
 Lab Sample ID: JPL70-010
 Lab File ID: M1106027.D
 Date Collected: 11/05/2007
 Date/Time Analyzed: 11/06/2007 21:58
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-2

Lab Name: _____
 SDG No.: JPL70
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023198
 Lab Sample ID: JPL70-010
 Lab File ID: M1106027.D
 Date Collected: 11/05/2007
 Date/Time Analyzed: 11/06/2007 21:58
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-2

Lab Name: _____
 SDG No.: JPL70
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023198
 Lab Sample ID: JPL70-010
 Lab File ID: M1106027.D
 Date Collected: 11/05/2007
 Date/Time Analyzed: 11/06/2007 21:58
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-1

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL70

Run Sequence: R023198

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL70-011

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M1106028.D

Level: (LOW/MED) _____

Date Collected: 11/05/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/06/2007 22:25

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-1

Lab Name: _____
 SDG No.: JPL70
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023198
 Lab Sample ID: JPL70-011
 Lab File ID: M1106028.D
 Date Collected: 11/05/2007
 Date/Time Analyzed: 11/06/2007 22:25
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-18-1

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL70

Run Sequence: R023198

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL70-011

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M1106028.D

Level: (LOW/MED) _____

Date Collected: 11/05/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/06/2007 22:25

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-4-11/5/07

Lab Name: _____
 SDG No.: JPL70
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023198
 Lab Sample ID: JPL70-012
 Lab File ID: M1106029.D
 Date Collected: 11/05/2007
 Date/Time Analyzed: 11/06/2007 22:52
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-4-11/5/07

Lab Name: _____
 SDG No.: JPL70
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023198
 Lab Sample ID: JPL70-012
 Lab File ID: M1106029.D
 Date Collected: 11/05/2007
 Date/Time Analyzed: 11/06/2007 22:52
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-4-11/5/07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL70

Run Sequence: R023198

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL70-012

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M1106029.D

Level: (LOW/MED) _____

Date Collected: 11/05/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/06/2007 22:52

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TRIP BLANK

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL70

Run Sequence: R023198

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL70-013

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M1106011.D

Level: (LOW/MED) _____

Date Collected: 11/05/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/06/2007 14:49

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: <u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TRIP BLANK

Lab Name: _____
 SDG No.: JPL70
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023198
 Lab Sample ID: JPL70-013
 Lab File ID: M1106011.D
 Date Collected: 11/05/2007
 Date/Time Analyzed: 11/06/2007 14:49
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		<u>ug/L</u>	
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TRIP BLANK

Lab Name: _____
 SDG No.: JPL70
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023198
 Lab Sample ID: JPL70-013
 Lab File ID: M1106011.D
 Date Collected: 11/05/2007
 Date/Time Analyzed: 11/06/2007 14:49
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

FORMS SUMMARY

JPL70

Metals Data

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-20-5

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL70

Matrix (soil/water): Water

Lab Sample ID: JPL70-001

Level (low/med): LOW

Date Received: 11/06/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	5.01			M	R023404

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-20-4

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL70

Matrix (soil/water): Water

Lab Sample ID: JPL70-002

Level (low/med): LOW

Date Received: 11/06/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	6.29			M	R023404

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-20-3

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL70

Matrix (soil/water): Water

Lab Sample ID: JPL70-003

Level (low/med): LOW

Date Received: 11/06/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	11.8			M	R023404

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-20-2

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL70

Matrix (soil/water): Water

Lab Sample ID: JPL70-004

Level (low/med): LOW

Date Received: 11/06/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	9.27			M	R023404

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-20-1

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL70

Matrix (soil/water): Water

Lab Sample ID: JPL70-005

Level (low/med): LOW

Date Received: 11/06/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	8.76			M	R023404

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

EB-3-11/2/07

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin
 Lab Code: LAUCKS SDG No.: JPL70
 Matrix (soil/water): Water Lab Sample ID: JPL70-006
 Level (low/med): LOW Date Received: 11/06/2007
 % Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.00	U		M	R023404

Color Before: Colorless Clarity Before: Clear Texture: _____
 Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-18-5

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL70

Matrix (soil/water): Water

Lab Sample ID: JPL70-007

Level (low/med): LOW

Date Received: 11/06/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	8.41			M	R023404

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-18-4

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL70

Matrix (soil/water): Water

Lab Sample ID: JPL70-008

Level (low/med): LOW

Date Received: 11/06/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	12.0			M	R023404

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-18-3

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL70

Matrix (soil/water): Water

Lab Sample ID: JPL70-009

Level (low/med): LOW

Date Received: 11/06/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	16.6			M	R023404

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-18-2

Lab Name: Laucks LaboratoriesContract: JPL Groundwater MonitorinLab Code: LAUCKSSDG No.: JPL70Matrix (soil/water): WaterLab Sample ID: JPL70-010Level (low/med): LOWDate Received: 11/06/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	11.4			M	R023404

Color Before: Colorless Clarity Before: Clear Texture: _____Color After: Colorless Clarity After: Clear Artifacts: No
 Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-18-1

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL70

Matrix (soil/water): Water

Lab Sample ID: JPL70-011

Level (low/med): LOW

Date Received: 11/06/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	9.91			M	R023404

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

EB-4-11/5/07

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL70

Matrix (soil/water): Water

Lab Sample ID: JPL70-012

Level (low/med): LOW

Date Received: 11/06/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.00	U		M	R023404

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

LAUCKS TESTING LABORATORIES

SAMPLE DATA PACKAGE

BATTELLE

SDG NO.: JPL71

December 12, 2007

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

To: Battelle
Project Name: JPL Groundwater
SDG No.: JPL71
Date of Report: December 12, 2007

SAMPLE RECEIPT, IDENTIFICATION, AND GENERAL COMMENTS:

Sample Receipt and Identification:

The samples submitted under the laboratory number(s) indicated above were identified and analyzed as tabulated below. The samples were collected and received on the dates noted on the enclosed chain-of-custody copies, Attachment A.

<u>Client Sample Identification</u>	<u>Laucks Sample Identification</u>	<u>Testing Analytical Request</u>
MW-17-5	JPL71-001	VOA/MET/PER
MW-17-4	JPL71-002	VOA/MET/PER
MW-17-3	JPL71-003	VOA/MET/PER
MW-17-2	JPL71-004	VOA/MET/PER
MW-17-1	JPL71-005	VOA/MET/PER
EB-6-11/7/07	JPL71-006	VOA/MET/PER
TB-5-11/7/07	JPL71-007	VOA
MW-14-5	JPL71-008	VOA/MET/PER
MW-14-4	JPL71-009	VOA/MET/PER
MW-14-3	JPL71-010	VOA/MET/PER
MW-14-2	JPL71-011	VOA/MET/PER
MW-14-1	JPL71-012	VOA/MET/PER
EB-5-11/6/07	JPL71-013	VOA/MET/PER
TB-4-11/6/07	JPL71-014	VOA

Analytical Request Key:

VOA = Volatiles (524.2)
MET = Chromium (200.8)
PER = Perchlorate (314.0) Subcontracted to Weck Laboratories

Sample Receipt Comments:

There were no anomalies associated with the receipt of these samples.

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

GENERAL REMARKS ON ORGANIC ANALYSES:

The following comments describe general analysis conditions. For remarks specific to the samples reported in this case, see "SPECIFIC REMARKS ON ORGANIC ANALYSIS."

Manual Integrations:

One or more analytes may have been manually integrated on the data system quantitation reports. All manual integrations have been flagged, initialed, and dated by the analyst. A list of the manual integration flags is detailed below.

M	Manual integration due to irregular peak shape
MS	Manual integration due to split peak
MR	Manual integration due to retention time shift
MI	Manual integration of correct isomer
MT	Manual integration due to peak tailing
MB	Manual integration due to irregular baseline

Holding Time Compliance:

Volatile Organic Compounds:

The holding time is 14 days calculated from the date of collection in both soil and water samples. All samples were analyzed within holding times.

Volatiles Fraction:

Client requested MS/MSD analyses of samples MW-17-5 and MW-14-3 could not be performed due to insufficient sample volume provided.

All other quality control parameters were met.

GENERAL REMARKS ON INORGANIC ANALYSES:

The following comments describe general analysis conditions. For remarks specific to the samples reported in this case, see "SPECIFIC REMARKS ON INORGANIC ANALYSES."

ICP Metals:

On the first timed and dated page of each ICP-MS run, the data to be reported or rejected will be tabulated for that run.

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

SPECIFIC REMARKS ON INORGANIC ANALYSES:

Holding Time Compliance:

Laucks calculates holding time compliance for inorganic determinations using the date on which reportable data were acquired.

Metals:

The holding time for metals is six months from the date of collection, excepting mercury, which is 28 days. All analyses were performed within holding time.

ICP-MS Metals:

Sample EB-6-11/7/07 has a chromium result of 2.75 ug/L. Sample EB-5-11/6/07 has a chromium result of 1.85 ug/L. Both sample results for chromium are above the PQL of 1.0 ug/L. Laucks recognizes that for this client project, samples beginning with "EB-" may be client equipment blanks. Samples EB-6-11/7/07 and EB-5-11/6/07 were then re-analyzed and chromium results were comparable to the original data. The client action level for chromium is 10 ug/L. Samples EB-6-11/7/07 and EB-5-11/6/07 had a concentration of chromium that was less than ½ the client action level and could be subject to a slightly high bias. Original chromium results for samples EB-6-11/7/07 and EB-5-11/6/07 were reported as is. No further corrective action was taken. Data have not been flagged for this event.

Chromium was present in the batch preparation blank B111207ICPMSW02 at a level greater than the CRDL. The client action level for chromium is 10 ug/L. The concentration of chromium in the batch preparation blank was 1.77 ug/L. Sample MW-17-5 contained a concentration of chromium that was less than ½ the client action level and could be subject to a slightly high bias. Data have been reported as is. No further corrective action was taken. Data have not been flagged for this event.

The serial dilutions for the element chromium did not agree within 10% of the original determination after correction for dilution for samples MW-17-2, MW-14-3, and MW-174-1. No further corrective action was required. All relevant data have been flagged with an "E" on the applicable Forms 1 and 9.

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

ABBREVIATIONS

Several abbreviations can appear in our reports. The most commonly employed abbreviations are as follows:

- U The analyte of interest was not detected to the limit of detection indicated.
- SDL Sample Detection Limit. The SDL can vary from sample to sample, depending on sample size, matrix interferences, moisture content and other sample-specific conditions.
- PQL Practical Quantitation Limit. The limit is drawn from the test method and usually represents the SDL multiplied by a matrix-specific factor.
- DB Dry Basis. The value reported has been back-calculated to normalize for the moisture content of the sample.
- AR As-Received. The value has not been normalized for moisture.

ORGANIC ANALYSES:

- B When used in relation to organics fractions, the "B" flag indicates that the analyte of interest was detected in the method blank associated with the sample, as well as in the sample itself. The "B" flag is applied without regard to the relative concentrations detected in the blank and sample.
 - J The analyte of interest was detected below the routine reporting limit. This value should be regarded as an estimate.
 - T The flagged values represent the SUM of two co-eluting compounds. The SUM of these two values is shown as though it were a result for each of them. The two figures should not be added together.
 - E The flagged value was reported from an analysis that exceeded the linear range of the instrument. See additional comments for further discussion of the circumstances. Values so flagged should be considered estimates.
 - P When a dual column GC technique is employed, this flag indicates that test results from the two columns differ by more than 25%. Generally, we report the higher value.
 - C The flagged analyte has been confirmed by GC/MS analysis. The value reported may be derived from either the initial or confirmatory (GC/MS) analysis. See specific report comments for details.
 - ~ This result has been identified as non-primary based on the analyst's professional judgment.
- CRQL Client requested Quantitation Limit, usually the limit of detection specified at your request. Might also be referred to as Contract Required Quantitation Limit.

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

INORGANIC ANALYSES:

- J The reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL). If the analyte was analyzed for but not detected, a "U" shall be entered.
 - E The reported value is estimated because of the presence of interference. The serial dilution was not within control limits.
 - N Spiked sample recovery not within control limits.
 - * Duplicate analysis not within control limits.
- CRDL Client Requested Detection Limit, usually the limit of detection specified at your request. Might also be referred to as Contract Required Detection Limit.

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

RELEASE OF DATA

Laucks certifies that these results meet all requirements of the NELAC standards, except where otherwise noted.

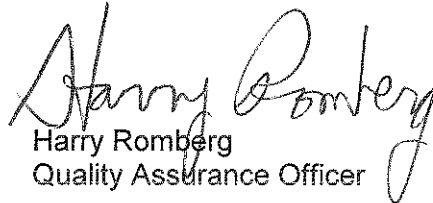
"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."

Respectfully submitted,



Kara Godineaux
Project Manager

12/13/07
(DATE)



Harry Romberg
Quality Assurance Officer

12/12/07
(DATE)

HOW TO CONTACT US:

All Laucks Testing Laboratories staff members can be reached at the same telephone and facsimile numbers: (206) 767-5060 by phone, (206) 767-5063 by FAX.

REQUESTS FOR DUPLICATE COPIES:

This packet has been checked for accuracy. All pages are present and in sequential order. Please see Attachment B for a detailed record.

In the event that duplicate data copies are needed, Laucks will accommodate your request at a fee of twenty-five cents (\$0.25) per copy, plus shipping. If the data are in storage, there will also be a fee for retrieval.

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

ATTACHMENT A

Chain-of-Custody Copies

LAUCKS TESTING LABORATORIES, INC. - SAMPLE CONFIRMATION LOG

Sample ID (SDG-#)	VTSR	Collected On	Client ID	200.8 Total Cr	314.0 Perchlorate	524.2 Volatile Organics + TICs (JPL Special list)	TurMet for 200.7/200.8 TurMet
*JPL71-001	11/08/2007 08:45 AM	11/07/2007 07:41 AM	MW-17-5	IN	IN	IN	IN
JPL71-002	11/08/2007 08:45 AM	11/07/2007 08:22 AM	MW-17-4	IN	IN	IN	IN
JPL71-003	11/08/2007 08:45 AM	11/07/2007 08:55 AM	MW-17-3	IN	IN	IN	IN
*JPL71-004	11/08/2007 08:45 AM	11/07/2007 09:32 AM	MW-17-2	IN	IN	IN	IN
JPL71-005	11/08/2007 08:45 AM	11/07/2007 10:27 AM	MW-17-1	IN	IN	IN	IN
JPL71-006	11/08/2007 08:45 AM	11/07/2007 10:14 AM	EB-6-11/7/07	IN	IN	IN	IN
JPL71-007	11/08/2007 08:45 AM	11/07/2007 12:00 AM	TB-5-11/7/07	IN	IN	IN	IN
JPL71-008	11/08/2007 08:45 AM	11/06/2007 07:48 AM	MW-14-5	IN	IN	IN	IN
JPL71-009	11/08/2007 08:45 AM	11/06/2007 08:21 AM	MW-14-4	IN	IN	IN	IN
*JPL71-010	11/08/2007 08:45 AM	11/06/2007 08:51 AM	MW-14-3	IN	IN	IN	IN
JPL71-011	11/08/2007 08:45 AM	11/06/2007 09:22 AM	MW-14-2	IN	IN	IN	IN
*JPL71-012	11/08/2007 08:45 AM	11/06/2007 09:57 AM	MW-14-1	IN	IN	IN	IN
JPL71-013	11/08/2007 08:45 AM	11/06/2007 09:40 AM	EB-5-11/6/07	IN	IN	IN	IN
JPL71-014	11/08/2007 08:45 AM	11/06/2007 12:00 AM	TB-4-11/6/07	IN	IN	IN	IN

Approved By: _____ On: _____
 Notes: _____

Samples identified with a "*" client has requested QC for
LEGEND: -:Started , +:Completed , IN:Logged In , P:Preparation , A:Analysis , X:Cancelled, PL:Pre-logged
FORM LTL-PM-8.0

4979

THIS INFORMATION WILL BE USED FOR REPORTING/BILLING (SEE BELOW)

COMPANY: BATTELLE
 ADDRESS: 3940 SAN TOWN AVE., C-205
SAN DIEGO, CA 92115
 ATTENTION: DAVID CONNER
 PROJECT NAME: SRL Gen Mon. 4/07
 PROJECT CONTACT: DAVID CONNER
 TELEPHONE: 619-726-7311 FAX: _____
 JOB/P.O. NO.: 6486090

CHAIN OF CUSTODY RECORD **SDG #** 50271
44206 PAGE 1 OF 1

WORK ORDER ID# _____ SUBMITTED AT: _____

TESTS TO PERFORM

Lauck's
 Testing Laboratories, Inc. **10**
 440 South Haney St. Seattle, WA 98148 (206) 767-0060 FAX 767-5063
 1100 Lakewood Ave. Yaltona, WA 99092 (509) 268-4695 FAX 452-1265

MATRIX: WATER, SOIL OR SPECIFY	NO. OF CONTAINERS	VOL (524.2)	TOTAL G (200.8)	C104 - (314.0)	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
					LEVEL IV OC

LAB #	SAMPLE ID / LOCATION	DATE	TIME	W	S	X	X	X	LEVEL	REMARKS
1	MW-17-5	11/7/07	741		X	X	X	X		
2	MW-17-4		822		X	X	X	X		
3	MW-17-3		855		X	X	X	X		
4	MW-17-2		932		X	X	X	X		As/MSD
5	MW-17-1		1027		X	X	X	X		
6	EB-6 - 11/7/07		1014		X	X	X	X		EQUIP. BLANK
7	77B-5 - 11/7/07		-		X	X	X	X		FBP BLANK

A. A standard turnaround time is assumed unless otherwise marked. B. The laboratory may not be responsible for missed holding time for samples received with less than 50% of the analytical hold time remaining. Please contact the laboratory for further information.

INSTRUCTIONS:
 1. USE ONE LINE PER SAMPLE.
 2. BE SPECIFIC IN TEST REQUESTS.
 3. CHECK OFF TESTS TO BE PERFORMED FOR EACH SAMPLE.

BILLING INFORMATION (IF DIFFERENT THAN ABOVE)
 NAME: BATTELLE
 ATTN: GERALD TOMPKINS
 ADDRESS: 505 KING AVE
 CITY, STATE, ZIP: COLUMBUS, OH 43201

* RUSH TURNAROUND IS SUBJECT TO PRIOR LABORATORY APPROVAL
 RECEIVED BY (SIGN AND PRINT): _____
 DATE: _____ TIME: _____

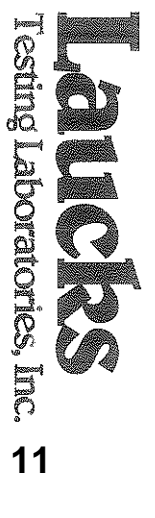
RELINQUISHED BY (SIGN AND PRINT): _____
 DATE: _____ TIME: _____
 RECEIVED BY (SIGN AND PRINT): _____
 DATE: _____ TIME: _____

TOTAL NO. OF CONTAINERS
 TURNAROUND REQUEST:
 STD. 10-14 WORKING DAYS
 24-48 HRS. (100% SUR)
 72 HRS. (75% SUR)
 5 DAYS (60% SUR)
 OTHER: _____
 TEMP: _____
 CUSTODY SEAL: Y N N/A

THIS INFORMATION WILL BE USED FOR REPORTING/BILLING (SEE BELOW)

COMPANY: BATELLE
 ADDRESS: 3940 OLD TOWN AVE, C205
SAN DIEGO, CA 92110
 ATTENTION: DAVID CONNER
 PROJECT NAME: JOL GW NEW 4007
 PROJECT CONTACT: DAVID CONNER
 TELEPHONE: 619-726-7311 FAX: _____
 JOB/PO. NO.: 6486090 / 214319

CHAIN OF CUSTODY RECORD SDG # SPDL71
44205
 WORK ORDER ID# _____
 PAGE 1 OF 1
 SUBMITTED AT: _____



MATRIX: WATER, SOIL OR SPECIFY
 NO. OF CONTAINERS
VOL (524.2)
Total G (200.8)
404 - (314.0)

TESTS TO PERFORM

OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS

LAB. #	SAMPLE ID / LOCATION	DATE	TIME	MATRIX	NO. OF CONTAINERS	VOL	TOTAL G	TESTS TO PERFORM	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
8	MW-14-5	11/6/07	748	W	5	X	X	X	
9	MW-14-4		821		X	X	X		
10	MW-14-3		851		X	X	X		LEVEL III GC
11	MW-14-2		922		X	X	X		MSS/MS
12	MW-14-1		957		10	X	X	X	
13	EB-5 - 11/6/07		940		5	X	X	X	
14	TB-4-11/6/07				2	X			

A. A standard turnaround time is assumed unless otherwise marked.

B. The laboratory may not be responsible for missed holding time for samples received with less than 50% of the analytical hold time remaining. Please contact the laboratory for further information.

INSTRUCTIONS:
 1. USE ONE LINE PER SAMPLE.
 2. BE SPECIFIC IN TEST REQUESTS.
 3. CHECK OFF TESTS TO BE PERFORMED FOR EACH SAMPLE.

BILLING INFORMATION (DIFFERENT THAN ABOVE)
 NAME: BATELLE
 ADDRESS: 505 KING AVE
 CITY, STATE, ZIP: COLUMBUS OH 43201

RECEIVED BY (SIGN AND PRINT): [Signature] DATE: 11/6/07
 RECEIVED BY (SIGN AND PRINT): [Signature] DATE: 11/8/07

REINQUISHED BY (SIGN AND PRINT): [Signature]
 NAME: MARCO MENDOZA
 DATE: 11/6/07
 TIME: 1300

* RUSH TURNAROUND IS SUBJECT TO PRIOR LABORATORY APPROVAL

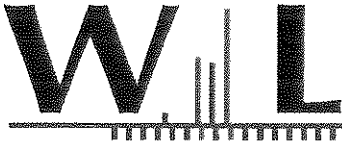
TURNAROUND REQUEST:
 STD. 10-14 WORKING DAYS
 * 24-48 HRS. (100% SUR)
 * 72 HRS. (75% SUR)
 * 5 DAYS (60% SUR)
 OTHER: _____
 TEMP: _____
 CUSTODY SEAL: Y N N/A

LAUCK'S TESTING LABORATORIES

**Perchlorate Data
(Subcontracted to Weck Laboratories, Inc.)**

BATTELLE

SDG.: JPL71



14859 E. Clark Ave., Industry, CA 91745
Phone 626.336.2139 Fax 626.336.2634
info@wecklabs.com www.wecklabs.com

CERTIFICATE OF ANALYSIS

Client: Laucks Testing Laboratories, Inc.
940 South Harney Street
Seattle, WA 98108
Attention: Kara Godineaux

Report Date: 12/05/07 15:36
Received Date: 11/29/07 09:15
Turn Around: Normal

Work Order #: 7112914

Phone: (206) 957-2422
Fax: (206) 767-5063

Client Project: 45950

NELAP #04229CA ELAP#1132 NEVADA #CA211 HAWAII LACSD #10143

The results in this report apply to the samples analyzed in accordance with the Chain of Custody document. Weck Laboratories, Inc. certifies that the test results meet all NELAC requirements unless noted in the case narrative. This analytical report is confidential and is only intended for the use of Weck Laboratories, Inc. and its client. This report contains the Chain of Custody document, which is an integral part of it, and can only be reproduced in full with the authorization of Weck Laboratories, Inc.

Dear Kara Godineaux :

Enclosed are the results of analyses for samples received 11/29/07 09:15 with the Chain of Custody document. The samples were received in good condition. The samples were received at 2.3 °C and on ice. All analysis met the method criteria except as noted below or in the report with data qualifiers.

Reviewed by:

Kim G Tu

Project Manager



Page 1 of 17





Weck Laboratories, Inc.
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Industry, CA 91745
Phone 626.336.2139 Fax 626.336.2634

Laucks Testing Laboratories, Inc.
940 South Harney Street
Seattle WA, 98108

Report ID: 7112914
Project ID: 45950

Date Received: 11/29/07 09:15
Date Reported: 12/05/07 15:36

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Sampled by:	Sample Comments	Laboratory	Matrix	Date Sampled
MW-17-5	Client		7112914-01	Water	11/07/07 07:41
MW-17-4	Client		7112914-02	Water	11/07/07 08:22
MW-17-3	Client		7112914-03	Water	11/07/07 08:55
MW-17-2	Client		7112914-04	Water	11/07/07 09:32
MW-17-1	Client		7112914-05	Water	11/07/07 10:27
EB-6-11/7/07	Client		7112914-06	Water	11/07/07 10:14
MW-14-5	Client		7112914-07	Water	11/06/07 07:48
MW-14-4	Client		7112914-08	Water	11/06/07 08:21
MW-14-3	Client		7112914-09	Water	11/06/07 08:51
MW-14-2	Client		7112914-10	Water	11/06/07 09:22
MW-14-1	Client		7112914-11	Water	11/06/07 09:57
EB-5-11/6/07	Client		7112914-12	Water	11/06/07 09:40



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Laucks Testing Laboratories, Inc. 940 South Harney Street Seattle WA, 98108	Report ID: 7112914 Project ID: 45950	Date Received: 11/29/07 09:15 Date Reported: 12/05/07 15:36
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MW-17-5 7112914-01 (Water)

Date Sampled: 11/07/07 07:41

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7L0038	11/30/07	11/30/07	hmc



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Report ID: 7112914
 Project ID: 45950

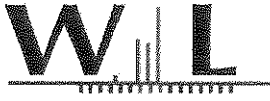
Date Received: 11/29/07 09:15
 Date Reported: 12/05/07 15:36

MW-17-4 7112914-02 (Water)

Date Sampled: 11/07/07 08:22

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7L0038	11/30/07	11/30/07	hmc



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Laucks Testing Laboratories, Inc. 940 South Harney Street Seattle WA, 98108	Report ID: 7112914 Project ID: 45950	Date Received: 11/29/07 09:15 Date Reported: 12/05/07 15:36
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MW-17-3 7112914-03 (Water)

Date Sampled: 11/07/07 08:55

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	33	ug/l	2.0	1	EPA 314.0	W7L0038	11/30/07	11/30/07	hmk



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Laucks Testing Laboratories, Inc. 940 South Harney Street Seattle WA, 98108	Report ID: 7112914 Project ID: 45950	Date Received: 11/29/07 09:15 Date Reported: 12/05/07 15:36
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MW-17-2 7112914-04 (Water)

Date Sampled: 11/07/07 09:32

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	9.8	ug/l	2.0	1	EPA 314.0	W7L0038	11/30/07	11/30/07	hmc



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Report ID: 7112914
 Project ID: 45950

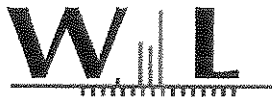
Date Received: 11/29/07 09:15
 Date Reported: 12/05/07 15:36

MW-17-1 7112914-05 (Water)

Date Sampled: 11/07/07 10:27

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7L0038	11/30/07	11/30/07	hmc



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Laucks Testing Laboratories, Inc. 940 South Harney Street Seattle WA, 98108	Report ID: 7112914 Project ID: 45950	Date Received: 11/29/07 09:15 Date Reported: 12/05/07 15:36
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EB-6-11/7/07 7112914-06 (Water)

Date Sampled: 11/07/07 10:14

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7L0038	11/30/07	11/30/07	hmc



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Report ID: 7112914
 Project ID: 45950

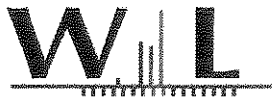
Date Received: 11/29/07 09:15
 Date Reported: 12/05/07 15:36

MW-14-5 7112914-07 (Water)

Date Sampled: 11/06/07 07:48

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7L0038	11/30/07	11/30/07	hmc



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MW-14-4 7112914-08 (Water)

Date Sampled: 11/06/07 08:21

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	2.8	ug/l	2.0	1	EPA 314.0	W7L0038	11/30/07	11/30/07	hmc



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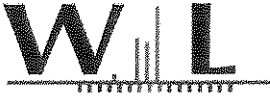
Laucks Testing Laboratories, Inc. 940 South Harney Street Seattle WA, 98108	Report ID: 7112914 Project ID: 45950	Date Received: 11/29/07 09:15 Date Reported: 12/05/07 15:36
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MW-14-3 7112914-09 (Water)

Date Sampled: 11/06/07 08:51

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	5.9	ug/l	2.0	1	EPA 314.0	W7L0038	11/30/07	11/30/07	hmx



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Report ID: 7112914
 Project ID: 45950

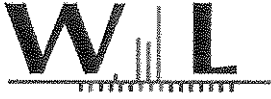
Date Received: 11/29/07 09:15
 Date Reported: 12/05/07 15:36

MW-14-2 7112914-10 (Water)

Date Sampled: 11/06/07 09:22

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	4.1	ug/l	2.0	1	EPA 314.0	W7L0038	11/30/07	11/30/07	hmc



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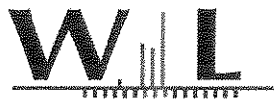
Laucks Testing Laboratories, Inc. 940 South Harney Street Seattle WA, 98108	Report ID: 7112914 Project ID: 45950	Date Received: 11/29/07 09:15 Date Reported: 12/05/07 15:36
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MW-14-1 7112914-11 (Water)

Date Sampled: 11/06/07 09:57

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	3.6	ug/l	2.0	1	EPA 314.0	W7L0038	11/30/07	11/30/07	hmc



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Report ID: 7112914
 Project ID: 45950

Date Received: 11/29/07 09:15
 Date Reported: 12/05/07 15:36

EB-5-11/6/07 7112914-12 (Water)

Date Sampled: 11/06/07 09:40

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7L0038	11/30/07	11/30/07	hmx

FORMS SUMMARY

SDG JPL71

VOLATILES ANALYSIS

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-5

Lab Name: _____
 SDG No.: JPL71
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023324
 Lab Sample ID: JPL71-001
 Lab File ID: M1109024.D
 Date Collected: 11/07/2007
 Date/Time Analyzed: 11/09/2007 20:27
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-i0-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-5

Lab Name: _____
 SDG No.: JPL71
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023324
 Lab Sample ID: JPL71-001
 Lab File ID: M1109024.D
 Date Collected: 11/07/2007
 Date/Time Analyzed: 11/09/2007 20:27
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-5

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL71

Run Sequence: R023324

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL71-001

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M1109024.D

Level: (LOW/MED) _____

Date Collected: 11/07/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/09/2007 20:27

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: <u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-4

Lab Name: _____
 SDG No.: JPL71
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023324
 Lab Sample ID: JPL71-002
 Lab File ID: M1109013.D
 Date Collected: 11/07/2007
 Date/Time Analyzed: 11/09/2007 15:28
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: <u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.88	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-4

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL71

Run Sequence: R023324

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL71-002

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M1109013.D

Level: (LOW/MED) _____

Date Collected: 11/07/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/09/2007 15:28

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-4

Lab Name: _____
 SDG No.: JPL71
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023324
 Lab Sample ID: JPL71-002
 Lab File ID: M1109013.D
 Date Collected: 11/07/2007
 Date/Time Analyzed: 11/09/2007 15:28
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: <u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-3

Lab Name: _____
 SDG No.: JPL71
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023324
 Lab Sample ID: JPL71-003
 Lab File ID: M1109023.D
 Date Collected: 11/07/2007
 Date/Time Analyzed: 11/09/2007 20:00
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		<u>ug/L</u>	
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.85	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	1.8	
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	1.1	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-3

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL71

Run Sequence: R023324

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL71-003

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M1109023.D

Level: (LOW/MED) _____

Date Collected: 11/07/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/09/2007 20:00

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.38	J
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-3

Lab Name: _____
 SDG No.: JPL71
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023324
 Lab Sample ID: JPL71-003
 Lab File ID: M1109023.D
 Date Collected: 11/07/2007
 Date/Time Analyzed: 11/09/2007 20:00
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-2

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL71

Run Sequence: R023324

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL71-004

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M1109014.D

Level: (LOW/MED) _____

Date Collected: 11/07/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/09/2007 15:58

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.33	J
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.58	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	1.4	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-2

Lab Name: _____
 SDG No.: JPL71
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023324
 Lab Sample ID: JPL71-004
 Lab File ID: M1109014.D
 Date Collected: 11/07/2007
 Date/Time Analyzed: 11/09/2007 15:58
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: <u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.85	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-2

Lab Name: _____
 SDG No.: JPL71
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023324
 Lab Sample ID: JPL71-004
 Lab File ID: M1109014.D
 Date Collected: 11/07/2007
 Date/Time Analyzed: 11/09/2007 15:58
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-1

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL71

Run Sequence: R023324

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL71-005

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M1109015.D

Level: (LOW/MED) _____

Date Collected: 11/07/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/09/2007 16:25

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-1

Lab Name: _____
 SDG No.: JPL71
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023324
 Lab Sample ID: JPL71-005
 Lab File ID: M1109015.D
 Date Collected: 11/07/2007
 Date/Time Analyzed: 11/09/2007 16:25
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-17-1

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL71

Run Sequence: R023324

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL71-005

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M1109015.D

Level: (LOW/MED) _____

Date Collected: 11/07/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/09/2007 16:25

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-6-11/7/07

Lab Name: _____
 SDG No.: JPL71
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023324
 Lab Sample ID: JPL71-006
 Lab File ID: M1109016.D
 Date Collected: 11/07/2007
 Date/Time Analyzed: 11/09/2007 16:52
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-6-11/7/07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL71

Run Sequence: R023324

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL71-006

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M1109016.D

Level: (LOW/MED) _____

Date Collected: 11/07/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/09/2007 16:52

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-6-11/7/07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL71

Run Sequence: R023324

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL71-006

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M1109016.D

Level: (LOW/MED) _____

Date Collected: 11/07/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/09/2007 16:52

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: <u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-5-11/7/07

Lab Name: _____
 SDG No.: JPL71
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023324
 Lab Sample ID: JPL71-007
 Lab File ID: M1109011.D
 Date Collected: 11/07/2007
 Date/Time Analyzed: 11/09/2007 14:34
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-5-11/7/07

Lab Name: _____
 SDG No.: JPL71
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023324
 Lab Sample ID: JPL71-007
 Lab File ID: M1109011.D
 Date Collected: 11/07/2007
 Date/Time Analyzed: 11/09/2007 14:34
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-5-11/7/07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL71

Run Sequence: R023324

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL71-007

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M1109011.D

Level: (LOW/MED) _____

Date Collected: 11/07/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/09/2007 14:34

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-5

Lab Name: _____
 SDG No.: JPL71
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023324
 Lab Sample ID: JPL71-008
 Lab File ID: M1109018.D
 Date Collected: 11/06/2007
 Date/Time Analyzed: 11/09/2007 17:45
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: <u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-i3-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-5

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL71

Run Sequence: R023324

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL71-008

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M1109018.D

Level: (LOW/MED) _____

Date Collected: 11/06/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/09/2007 17:45

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-5

Lab Name: _____
 SDG No.: JPL71
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023324
 Lab Sample ID: JPL71-008
 Lab File ID: M1109018.D
 Date Collected: 11/06/2007
 Date/Time Analyzed: 11/09/2007 17:45
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-4

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL71

Run Sequence: R023324

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL71-009

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M1109017.D

Level: (LOW/MED) _____

Date Collected: 11/06/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/09/2007 17:19

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-4

Lab Name: _____
 SDG No.: JPL71
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023324
 Lab Sample ID: JPL71-009
 Lab File ID: M1109017.D
 Date Collected: 11/06/2007
 Date/Time Analyzed: 11/09/2007 17:19
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-4

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL71

Run Sequence: R023324

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL71-009

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M1109017.D

Level: (LOW/MED) _____

Date Collected: 11/06/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/09/2007 17:19

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-3

Lab Name: _____
 SDG No.: JPL71
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023324
 Lab Sample ID: JPL71-010
 Lab File ID: M1109019.D
 Date Collected: 11/06/2007
 Date/Time Analyzed: 11/09/2007 18:12
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.34	J
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.46	J
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	1.2	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-3

Lab Name: _____
 SDG No.: JPL71
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023324
 Lab Sample ID: JPL71-010
 Lab File ID: M1109019.D
 Date Collected: 11/06/2007
 Date/Time Analyzed: 11/09/2007 18:12
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.56	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-3

Lab Name: _____
 SDG No.: JPL71
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023324
 Lab Sample ID: JPL71-010
 Lab File ID: M1109019.D
 Date Collected: 11/06/2007
 Date/Time Analyzed: 11/09/2007 18:12
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-2

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL71

Run Sequence: R023324

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL71-011

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M1109022.D

Level: (LOW/MED) _____

Date Collected: 11/06/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/09/2007 19:33

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.29	J
75-34-3	1,1-Dichloroethane	0.25	J
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.29	J
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.46	J
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	7.3	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-2

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL71

Run Sequence: R023324

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL71-011

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M1109022.D

Level: (LOW/MED) _____

Date Collected: 11/06/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/09/2007 19:33

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.47	J
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-2

Lab Name: _____
 SDG No.: JPL71
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023324
 Lab Sample ID: JPL71-011
 Lab File ID: M1109022.D
 Date Collected: 11/06/2007
 Date/Time Analyzed: 11/09/2007 19:33
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-1

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL71

Run Sequence: R023324

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL71-012

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M1109020.D

Level: (LOW/MED) _____

Date Collected: 11/06/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/09/2007 18:39

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.35	J
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	3.4	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-1

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL71

Run Sequence: R023324

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL71-012

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M1109020.D

Level: (LOW/MED) _____

Date Collected: 11/06/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/09/2007 18:39

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.25	J
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-14-1

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL71

Run Sequence: R023324

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL71-012

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M1109020.D

Level: (LOW/MED) _____

Date Collected: 11/06/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/09/2007 18:39

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-5-11/6/07

Lab Name: _____
 SDG No.: JPL71
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023324
 Lab Sample ID: JPL71-013
 Lab File ID: M1109021.D
 Date Collected: 11/06/2007
 Date/Time Analyzed: 11/09/2007 19:06
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-5-11/6/07

Lab Name: _____
 SDG No.: JPL71
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023324
 Lab Sample ID: JPL71-013
 Lab File ID: M1109021.D
 Date Collected: 11/06/2007
 Date/Time Analyzed: 11/09/2007 19:06
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: <u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-5-11/6/07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL71

Run Sequence: R023324

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL71-013

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M1109021.D

Level: (LOW/MED) _____

Date Collected: 11/06/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/09/2007 19:06

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-4-11/6/07

Lab Name: _____
 SDG No.: JPL71
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023324
 Lab Sample ID: JPL71-014
 Lab File ID: M1109012.D
 Date Collected: 11/06/2007
 Date/Time Analyzed: 11/09/2007 15:01
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: <u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-4-11/6/07

Lab Name: _____
 SDG No.: JPL71
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023324
 Lab Sample ID: JPL71-014
 Lab File ID: M1109012.D
 Date Collected: 11/06/2007
 Date/Time Analyzed: 11/09/2007 15:01
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-4-11/6/07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL71

Run Sequence: R023324

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL71-014

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M1109012.D

Level: (LOW/MED) _____

Date Collected: 11/06/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/09/2007 15:01

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: <u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

FORMS SUMMARY

JPL71

Metals Data

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-17-5

Lab Name: Laucks LaboratoriesContract: JPL Groundwater MonitorinLab Code: LAUCKSSDG No.: JPL71Matrix (soil/water): WaterLab Sample ID: JPL71-001Level (low/med): LOWDate Received: 11/08/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.30			M	R023404

Color Before: Colorless Clarity Before: Clear Texture: _____Color After: Colorless Clarity After: Clear Artifacts: NoComment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-17-4

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL71

Matrix (soil/water): Water

Lab Sample ID: JPL71-002

Level (low/med): LOW

Date Received: 11/08/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	6.85		E	M	R023404

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-17-3

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL71

Matrix (soil/water): Water

Lab Sample ID: JPL71-003

Level (low/med): LOW

Date Received: 11/08/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	13.2		E	M	R023404

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-17-2

Lab Name: Laucks LaboratoriesContract: JPL Groundwater MonitorinLab Code: LAUCKSSDG No.: JPL71Matrix (soil/water): WaterLab Sample ID: JPL71-004Level (low/med): LOWDate Received: 11/08/2007

% Solids: _____

Concentration Units :

ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	14.8		E	M	R023404

Color Before: ColorlessClarity Before: Clear

Texture: _____

Color After: ColorlessClarity After: ClearArtifacts: NoComment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-17-1

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL71

Matrix (soil/water): Water

Lab Sample ID: JPL71-005

Level (low/med): LOW

Date Received: 11/08/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	12.4		E	M	R023404

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

EB-6-11/7/07

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL71

Matrix (soil/water): Water

Lab Sample ID: JPL71-006

Level (low/med): LOW

Date Received: 11/08/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	2.75		E	M	R023404

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-14-5

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL71

Matrix (soil/water): Water

Lab Sample ID: JPL71-008

Level (low/med): LOW

Date Received: 11/08/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	7.70		E	M	R023404

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-14-4

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL71

Matrix (soil/water): Water

Lab Sample ID: JPL71-009

Level (low/med): LOW

Date Received: 11/08/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	11.7		E	M	R023404

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-14-3

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL71

Matrix (soil/water): Water

Lab Sample ID: JPL71-010

Level (low/med): LOW

Date Received: 11/08/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	12.6		E	M	R023404

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-14-2

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL71

Matrix (soil/water): Water

Lab Sample ID: JPL71-011

Level (low/med): LOW

Date Received: 11/08/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	14.5		E	M	R023404

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-14-1

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL71

Matrix (soil/water): Water

Lab Sample ID: JPL71-012

Level (low/med): LOW

Date Received: 11/08/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	10.4		E	M	R023404

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

EB-5-11/6/07

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin
 Lab Code: LAUCKS SDG No.: JPL71
 Matrix (soil/water): Water Lab Sample ID: JPL71-013
 Level (low/med): LOW Date Received: 11/08/2007
 % Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.85		E	M	R023404

Color Before: Colorless Clarity Before: Clear Texture: _____
 Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

LAUCKS TESTING LABORATORIES

SAMPLE DATA PACKAGE

BATTELLE

SDG NO.: JPL72

December 12, 2007

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

To: Battelle
Project Name: JPL Groundwater
SDG No.: JPL72
Date of Report: December 12, 2007

SAMPLE RECEIPT, IDENTIFICATION, AND GENERAL COMMENTS:

Sample Receipt and Identification:

The samples submitted under the laboratory number(s) indicated above were identified and analyzed as tabulated below. The samples were collected and received on the dates noted on the enclosed chain-of-custody copies, Attachment A.

<u>Client Sample Identification</u>	<u>Laucks Sample Identification</u>	<u>Testing Analytical Request</u>
MW-3-5	JPL72-001	VOA/MET/PER
MW-3-4	JPL72-002	VOA/MET/PER
MW-3-3	JPL72-003	VOA/MET/PER
MW-3-2	JPL72-004	VOA/MET/PER
MW-3-1	JPL72-005	VOA/MET/PER
DUPE-1-4Q07	JPL72-006	VOA/MET/PER
EB-7-11/8/07	JPL72-007	VOA/MET/PER
TB-6-11/8/07	JPL72-008	VOA

Analytical Request Key:

VOA = Volatiles (524.2)
MET = Chromium (200.8)
PER = Perchlorate (314.0) Subcontracted to Weck Laboratories

Sample Receipt Comments:

There were no anomalies associated with the receipt of these samples.

GENERAL REMARKS ON ORGANIC ANALYSES:

The following comments describe general analysis conditions. For remarks specific to the samples reported in this case, see "SPECIFIC REMARKS ON ORGANIC ANALYSIS."

Manual Integrations:

One or more analytes may have been manually integrated on the data system quantitation reports. All manual integrations have been flagged, initialed, and dated by the analyst. A list of the manual integration flags is detailed below.

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

M	Manual integration due to irregular peak shape
MS	Manual integration due to split peak
MR	Manual integration due to retention time shift
MI	Manual integration of correct isomer
MT	Manual integration due to peak tailing
MB	Manual integration due to irregular baseline

Holding Time Compliance:

Volatile Organic Compounds:

The holding time is 14 days calculated from date of collection in both soil and water samples. All samples were analyzed within holding time.

Volatiles Fraction:

Quality Control Analysis:

Client requested MS/MSD analyses of sample MW-3-5 could not be performed due to insufficient sample volume provided.

All other quality control parameters were met.

GENERAL REMARKS ON INORGANIC ANALYSES:

The following comments describe general analysis conditions. For remarks specific to the samples reported in this case, see "SPECIFIC REMARKS ON INORGANIC ANALYSES."

ICP Metals:

On the first timed and dated page of each ICP-MS run, the data to be reported or rejected will be tabulated for that run.

SPECIFIC REMARKS ON INORGANIC ANALYSES:

Holding Time Compliance:

Laucks calculates holding time compliance for inorganic determinations using the date on which reportable data were acquired.

Metals:

The holding time for metals is six months from the date of collection, excepting mercury, which is 28 days. All analyses were performed within holding time.

ICP-MS Metals:

Sample EB-7-11/8/07 has a chromium result of 2.56 ug/L which is above the PQL of 1.0 ug/L. Laucks recognizes that for this client project, samples beginning with "EB-" may be client equipment blanks. Sample EB-7-11/8/07 was then re-analyzed and the chromium result was comparable to the original data. The client action level for chromium is 10 ug/L. Sample EB-7-11/8/07 had a concentration of

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

chromium that was less than $\frac{1}{2}$ the client action level and could be subject to a slightly high bias. Original data for sample EB-7-11/8/07 was reported as is. No further corrective action was taken. Data have not been flagged for this event.

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Seattle, WA 98108

ABBREVIATIONS

Several abbreviations can appear in our reports. The most commonly employed abbreviations are as follows:

- U The analyte of interest was not detected to the limit of detection indicated.
- SDL Sample Detection Limit. The SDL can vary from sample to sample, depending on sample size, matrix interferences, moisture content and other sample-specific conditions.
- PQL Practical Quantitation Limit. The limit is drawn from the test method and usually represents the SDL multiplied by a matrix-specific factor.
- DB Dry Basis. The value reported has been back-calculated to normalize for the moisture content of the sample.
- AR As-Received. The value has not been normalized for moisture.

ORGANIC ANALYSES:

- B When used in relation to organics fractions, the "B" flag indicates that the analyte of interest was detected in the method blank associated with the sample, as well as in the sample itself. The "B" flag is applied without regard to the relative concentrations detected in the blank and sample.
 - J The analyte of interest was detected below the routine reporting limit. This value should be regarded as an estimate.
 - T The flagged values represent the SUM of two co-eluting compounds. The SUM of these two values is shown as though it were a result for each of them. The two figures should not be added together.
 - E The flagged value was reported from an analysis that exceeded the linear range of the instrument. See additional comments for further discussion of the circumstances. Values so flagged should be considered estimates.
 - P When a dual column GC technique is employed, this flag indicates that test results from the two columns differ by more than 25%. Generally, we report the higher value.
 - C The flagged analyte has been confirmed by GC/MS analysis. The value reported may be derived from either the initial or confirmatory (GC/MS) analysis. See specific report comments for details.
 - ~ This result has been identified as non-primary based on the analyst's professional judgment.
- CRQL Client requested Quantitation Limit, usually the limit of detection specified at your request. Might also be referred to as Contract Required Quantitation Limit.

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Seattle, WA 98108

INORGANIC ANALYSES:

- J The reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL). If the analyte was analyzed for but not detected, a "U" shall be entered.
- E The reported value is estimated because of the presence of interference. The serial dilution was not within control limits.
- N Spiked sample recovery not within control limits.
- * Duplicate analysis not within control limits.

CRDL Client Requested Detection Limit, usually the limit of detection specified at your request. Might also be referred to as Contract Required Detection Limit.

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

RELEASE OF DATA

Laucks certifies that these results meet all requirements of the NELAC standards, except where otherwise noted.

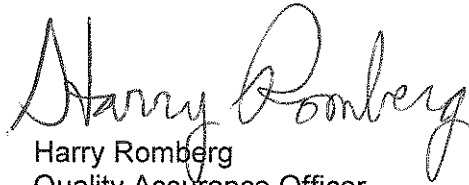
"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."

Respectfully submitted,



Kara Godineaux
Project Manager

12/13/07
(DATE)



Harry Romberg
Quality Assurance Officer

12/12/07
(DATE)

HOW TO CONTACT US:

All Laucks Testing Laboratories staff members can be reached at the same telephone and facsimile numbers: (206) 767-5060 by phone, (206) 767-5063 by FAX.

REQUESTS FOR DUPLICATE COPIES:

This packet has been checked for accuracy. All pages are present and in sequential order. Please see Attachment B for a detailed record.

In the event that duplicate data copies are needed, Laucks will accommodate your request at a fee of twenty-five cents (\$0.25) per copy, plus shipping. If the data are in storage, there will also be a fee for retrieval.

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

ATTACHMENT A

Chain-of-Custody Copies

LAUCKS TESTING LABORATORIES, INC. - SAMPLE CONFIRMATION LOG

Sample ID (SDG-#)	VTSR	Collected On	Client ID	200.8 Total Cr	314.0 Perchlorate	524.2 Volatile Organics + TICs (JPL Special list)	TurMet for 200.7/200.8 TurMet
*JPL72-001	11/09/2007 08:35 AM	11/08/2007 07:40 AM	MW-3-5	IN	IN	IN	IN
JPL72-002	11/09/2007 08:35 AM	11/08/2007 08:13 AM	MW-3-4	IN	IN	IN	IN
JPL72-003	11/09/2007 08:35 AM	11/08/2007 08:40 AM	MW-3-3	IN	IN	IN	IN
JPL72-004	11/09/2007 08:35 AM	11/08/2007 09:34 AM	MW-3-2	IN	IN	IN	IN
JPL72-005	11/09/2007 08:35 AM	11/08/2007 10:11 AM	MW-3-1	IN	IN	IN	IN
JPL72-006	11/09/2007 08:35 AM	11/08/2007 12:00 AM	DUPE-1-4007	IN	IN	IN	IN
JPL72-007	11/09/2007 08:35 AM	11/08/2007 10:00 AM	EB-7-11/8/07	IN	IN	IN	IN
JPL72-008	11/09/2007 08:35 AM	11/08/2007 12:00 AM	TB-6-11/8/07				IN

Approved By:
Notes:

On:

Samples identified with a "*" client has requested QC for

LEGEND: -:Started , +:Completed , IN:Logged In , P:Preparation , A:Analysis , X:Cancelled, PL:Pre-logged

FORM LTL-PM-8.0

THIS INFORMATION WILL BE USED FOR REPORTING/BILLING (SEE BELOW)

COMPANY: BATTLE
 ADDRESS: 3950 OLD TOWN AVE, C-205
SAN DIEGO, CA 92110
 ATTENTION: DAVID LAWREN
 PROJECT NAME: JPL GM MON. 4007
 PROJECT CONTACT: DAVID LAWREN
 TELEPHONE: 619-726-7311 FAX: _____
 JOB/P.O. NO.: 6486090

CHAIN OF CUSTODY RECORD SDG # _____

44201

WORK ORDER ID# JPL72

PAGE 1 OF 1

SUBMITTED AT:

Testing Laboratories, Inc. 10
 940 South Perry St, Seattle, WA 98108 (206) 767-5000 FAX 767-5063
 1106 Leitch Ave, Yuba, WA 99902 (509) 266-4095 FAX 452-1265

MATRIX: WATER, SOIL OR SPECIFY	NO. OF CONTAINERS	TESTS TO PERFORM
	<u>VOL'S (524.2)</u>	
	<u>TOTAL G (200.8)</u>	
	<u>CL04 (314.0)</u>	

OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS

LAB #	SAMPLE ID / LOCATION	DATE	TIME	LEVEL	RECEIVED BY (SIGN AND PRINT)	DATE	RECEIVED BY (SIGN AND PRINT)	DATE
1	MW-3-5	11/8/07	740	W		11/8/07		11/9/07
2	MW-3-4		813	X				
3	MW-3-3		840	X				
4	MW-3-2		934	X				
5	MW-3-1		1011	X				
6	DUPE - 1 - 4007			X				
7	ER-7-11/8/07		1000	X				
8	TR-6-11/8/07			X				

A. A standard turnaround time is assumed unless otherwise marked.
 B. The laboratory may not be responsible for missed holding time for samples received with less than 50% of the analytical hold time remaining. Please contact the laboratory for further information.

INSTRUCTIONS:
 1. USE ONE LINE PER SAMPLE.
 2. BE SPECIFIC IN TEST REQUESTS.
 3. CHECK OFF TESTS TO BE PERFORMED FOR EACH SAMPLE.

NAME: BATTLE
 ATTN: GENARD TOMPKINS
 ADDRESS: 505 KING AVE
 CITY, STATE, ZIP: COLUMBUS, OH 43201

RELINQUISHED BY (SIGN AND PRINT): [Signature]
 DATE: 11/8/07
 TIME: 1230

RECEIVED BY (SIGN AND PRINT): [Signature]
 DATE: 11/9/07
 TIME: 0535

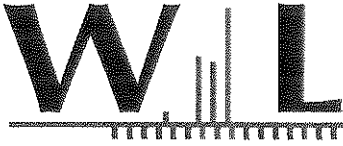
TURNAROUND REQUEST:
 STD. 10-14 WORKING DAYS
 24-48 HRS. (100% SUR)
 72 HRS. (75% SUR)
 5 DAYS (50% SUR)
 OTHER _____
 TEMP. _____
 CUSTODY SEAL: Y N N/A

LAUCK'S TESTING LABORATORIES

**Perchlorate Data
(Subcontracted to Weck Laboratories, Inc.)**

BATTELLE

SDG.: JPL72



CERTIFICATE OF ANALYSIS

Client: Laucks Testing Laboratories, Inc.
940 South Harney Street
Seattle, WA 98108
Attention: Kara Godineaux

Phone: (206) 957-2422

Fax: (206) 767-5063

Report Date: 12/06/07 15:11

Received Date: 11/29/07 09:15

Turn Around: Normal

Work Order #: 7112915

Client Project: 45949

NELAP #04229CA ELAP#1132 NEVADA #CA211 HAWAII LACSD #10143

The results in this report apply to the samples analyzed in accordance with the Chain of Custody document. Weck Laboratories, Inc. certifies that the test results meet all NELAC requirements unless noted in the case narrative. This analytical report is confidential and is only intended for the use of Weck Laboratories, Inc. and its client. This report contains the Chain of Custody document, which is an integral part of it, and can only be reproduced in full with the authorization of Weck Laboratories, Inc.

Dear Kara Godineaux :

Enclosed are the results of analyses for samples received 11/29/07 09:15 with the Chain of Custody document. The samples were received in good condition. The samples were received at 2.3 °C and on ice. All analysis met the method criteria except as noted below or in the report with data qualifiers.

Reviewed by:

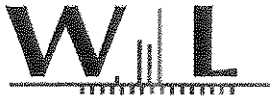
Kim G Tu

Project Manager



Page 1 of 12





Weck Laboratories, Inc.
14859 E. Clark Ave.
Industry, CA 91745
Phone 626.336.2139 Fax 626.336.2634

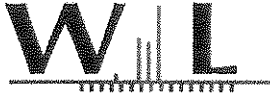
Laucks Testing Laboratories, Inc.
940 South Harney Street
Seattle WA, 98108

Report ID: 7112915
Project ID: 45949

Date Received: 11/29/07 09:15
Date Reported: 12/06/07 15:11

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Sampled by:	Sample Comments	Laboratory	Matrix	Date Sampled
MW-3-5	Client		7112915-01	Water	11/08/07 07:40
MW-3-4	Client		7112915-02	Water	11/08/07 08:13
MW-3-3	Client		7112915-03	Water	11/08/07 08:40
MW-3-2	Client		7112915-04	Water	11/08/07 09:34
MW-3-1	Client		7112915-05	Water	11/08/07 10:11
DUPE-1-4Q07	Client		7112915-06	Water	11/08/07 00:00
EB-7-11/8/07	Client		7112915-07	Water	11/08/07 10:00



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Report ID: 7112915
Project ID: 45949

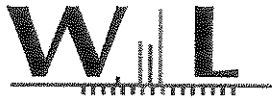
Date Received: 11/29/07 09:15
Date Reported: 12/06/07 15:11

MW-3-5 7112915-01 (Water)

Date Sampled: 11/08/07 07:40

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7L0107	12/03/07	12/03/07	hmk



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Report ID: 7112915
Project ID: 45949

Date Received: 11/29/07 09:15
Date Reported: 12/06/07 15:11

MW-3-4 7112915-02 (Water)

Date Sampled: 11/08/07 08:13

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7L0107	12/03/07	12/03/07	hmc



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Laucks Testing Laboratories, Inc.
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Report ID: 7112915
Project ID: 45949

Date Received: 11/29/07 09:15
Date Reported: 12/06/07 15:11

MW-3-3 7112915-03 (Water)

Date Sampled: 11/08/07 08:40

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7L0107	12/03/07	12/03/07	hmc



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Report ID: 7112915
 Project ID: 45949

Date Received: 11/29/07 09:15
 Date Reported: 12/06/07 15:11

MW-3-2 7112915-04 (Water)

Date Sampled: 11/08/07 09:34

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	80	ug/l	2.0	1	EPA 314.0	W7L0107	12/03/07	12/03/07	hmc



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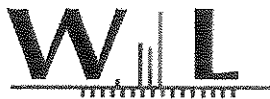
Laucks Testing Laboratories, Inc. 940 South Harney Street Seattle WA, 98108	Report ID: 7112915 Project ID: 45949	Date Received: 11/29/07 09:15 Date Reported: 12/06/07 15:11
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MW-3-1 7112915-05 (Water)

Date Sampled: 11/08/07 10:11

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	4.7	ug/l	2.0	1	EPA 314.0	W7L0107	12/03/07	12/03/07	hmc



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Laucks Testing Laboratories, Inc. 940 South Harney Street Seattle WA, 98108	Report ID: 7112915 Project ID: 45949	Date Received: 11/29/07 09:15 Date Reported: 12/06/07 15:11
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DUPE-1-4Q07 7112915-06 (Water)

Date Sampled: 11/08/07 00:00

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7L0107	12/03/07	12/03/07	hmc



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Laucks Testing Laboratories, Inc.
 940 South Harney Street
 Seattle WA, 98108

Report ID: 7112915
 Project ID: 45949

Date Received: 11/29/07 09:15
 Date Reported: 12/06/07 15:11

EB-7-11/8/07 7112915-07 (Water)

Date Sampled: 11/08/07 10:00

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7L0107	12/03/07	12/03/07	hmc

FORMS SUMMARY

SDG JPL72

VOLATILES ANALYSIS

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-3-5

Lab Name: _____
 SDG No.: JPL72
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023402
 Lab Sample ID: JPL72-001
 Lab File ID: M1113018.D
 Date Collected: 11/08/2007
 Date/Time Analyzed: 11/13/2007 17:30
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-3-5

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL72

Run Sequence: R023402

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL72-001

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M1113018.D

Level: (LOW/MED) _____

Date Collected: 11/08/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/13/2007 17:30

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.43	J
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-3-5

Lab Name: _____
 SDG No.: JPL72
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023402
 Lab Sample ID: JPL72-001
 Lab File ID: M1113018.D
 Date Collected: 11/08/2007
 Date/Time Analyzed: 11/13/2007 17:30
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-3-4

Lab Name: _____
 SDG No.: JPL72
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023402
 Lab Sample ID: JPL72-002
 Lab File ID: M113019.D
 Date Collected: 11/08/2007
 Date/Time Analyzed: 11/13/2007 17:57
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-3-4

Lab Name: _____
 SDG No.: JPL72
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023402
 Lab Sample ID: JPL72-002
 Lab File ID: M1113019.D
 Date Collected: 11/08/2007
 Date/Time Analyzed: 11/13/2007 17:57
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		<u>ug/L</u>	
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.51	
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.27	J
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-3-4

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL72

Run Sequence: R023402

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL72-002

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M1113019.D

Level: (LOW/MED) _____

Date Collected: 11/08/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/13/2007 17:57

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-3-3

Lab Name: _____
 SDG No.: JPL72
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023402
 Lab Sample ID: JPL72-003
 Lab File ID: M1113020.D
 Date Collected: 11/08/2007
 Date/Time Analyzed: 11/13/2007 18:23
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-3-3

Lab Name: _____ Contract: JPL Groundwater Monitorin
 SDG No.: JPL72 Run Sequence: R023402
 Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL72-003
 Sample wt/vol: 10.0 (g/mL) mL Lab File ID: M113020.D
 Level: (LOW/MED) _____ Date Collected: 11/08/2007
 % Moisture: not dec. _____ Date/Time Analyzed: 11/13/2007 18:23
 GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)
 Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.28	J
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.26	J
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-3-3

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL72

Run Sequence: R023402

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL72-003

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M1113020.D

Level: (LOW/MED) _____

Date Collected: 11/08/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/13/2007 18:23

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-3-2

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL72

Run Sequence: R023402

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL72-004

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M113021.D

Level: (LOW/MED) _____

Date Collected: 11/08/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/13/2007 18:50

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	1.2	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	4.1	
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	1.9	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-3-2

Lab Name: _____
 SDG No.: JPL72
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023402
 Lab Sample ID: JPL72-004
 Lab File ID: M1113021.D
 Date Collected: 11/08/2007
 Date/Time Analyzed: 11/13/2007 18:50
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-3-2

Lab Name: _____
 SDG No.: JPL72
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023402
 Lab Sample ID: JPL72-004
 Lab File ID: M1113021.D
 Date Collected: 11/08/2007
 Date/Time Analyzed: 11/13/2007 18:50
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-3-1

Lab Name: _____
 SDG No.: JPL72
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023402
 Lab Sample ID: JPL72-005
 Lab File ID: M113022.D
 Date Collected: 11/08/2007
 Date/Time Analyzed: 11/13/2007 19:17
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-3-1

Lab Name: _____
 SDG No.: JPL72
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023402
 Lab Sample ID: JPL72-005
 Lab File ID: M1113022.D
 Date Collected: 11/08/2007
 Date/Time Analyzed: 11/13/2007 19:17
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-3-1

Lab Name: _____
 SDG No.: JPL72
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023402
 Lab Sample ID: JPL72-005
 Lab File ID: M1113022.D
 Date Collected: 11/08/2007
 Date/Time Analyzed: 11/13/2007 19:17
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-1-4Q07

Lab Name: _____
 SDG No.: JPL72
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023402
 Lab Sample ID: JPL72-006
 Lab File ID: M1113023.D
 Date Collected: 11/08/2007
 Date/Time Analyzed: 11/13/2007 19:44
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-1-4Q07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL72

Run Sequence: R023402

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL72-006

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M113023.D

Level: (LOW/MED) _____

Date Collected: 11/08/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/13/2007 19:44

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.25	J
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-1-4Q07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL72

Run Sequence: R023402

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL72-006

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M1113023.D

Level: (LOW/MED) _____

Date Collected: 11/08/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/13/2007 19:44

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-7-11/8/07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL72

Run Sequence: R023402

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL72-007

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M113024.D

Level: (LOW/MED) _____

Date Collected: 11/08/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/13/2007 20:11

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-7-11/8/07

Lab Name: _____
 SDG No.: JPL72
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023402
 Lab Sample ID: JPL72-007
 Lab File ID: M1113024.D
 Date Collected: 11/08/2007
 Date/Time Analyzed: 11/13/2007 20:11
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		<u>ug/L</u>	
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-7-11/8/07

Lab Name: _____
 SDG No.: JPL72
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023402
 Lab Sample ID: JPL72-007
 Lab File ID: M1113024.D
 Date Collected: 11/08/2007
 Date/Time Analyzed: 11/13/2007 20:11
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-6-11/8/07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL72

Run Sequence: R023402

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL72-008

Sample wt/vol: 10.0 (g/mL) mL

Lab File ID: M1113017.D

Level: (LOW/MED) _____

Date Collected: 11/08/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/13/2007 17:03

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		<u>ug/L</u>	
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-6-11/8/07

Lab Name: _____
 SDG No.: JPL72
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023402
 Lab Sample ID: JPL72-008
 Lab File ID: M113017.D
 Date Collected: 11/08/2007
 Date/Time Analyzed: 11/13/2007 17:03
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		<u>ug/L</u>	
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-6-11/8/07

Lab Name: _____
 SDG No.: JPL72
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 10.0 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023402
 Lab Sample ID: JPL72-008
 Lab File ID: M1113017.D
 Date Collected: 11/08/2007
 Date/Time Analyzed: 11/13/2007 17:03
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

FORMS SUMMARY

JPL72

Metals Data

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-3-5

Lab Name: Laucks LaboratoriesContract: JPL Groundwater MonitorinLab Code: LAUCKSSDG No.: JPL72Matrix (soil/water): WaterLab Sample ID: JPL72-001Level (low/med): LOWDate Received: 11/09/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	6.03			M	R023404

Color Before: Colorless Clarity Before: Clear Texture: _____Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-3-4

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL72

Matrix (soil/water): Water

Lab Sample ID: JPL72-002

Level (low/med): LOW

Date Received: 11/09/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	6.93			M	R023404

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-3-3

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL72

Matrix (soil/water): Water

Lab Sample ID: JPL72-003

Level (low/med): LOW

Date Received: 11/09/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	6.53			M	R023404

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-3-2

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL72

Matrix (soil/water): Water

Lab Sample ID: JPL72-004

Level (low/med): LOW

Date Received: 11/09/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	7.81			M	R023404

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-3-1

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL72

Matrix (soil/water): Water

Lab Sample ID: JPL72-005

Level (low/med): LOW

Date Received: 11/09/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	9.56			M	R023404

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

DUPE-1-4Q07

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL72

Matrix (soil/water): Water

Lab Sample ID: JPL72-006

Level (low/med): LOW

Date Received: 11/09/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	6.53			M	R023404

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

EB-7-11/8/07

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL72

Matrix (soil/water): Water

Lab Sample ID: JPL72-007

Level (low/med): LOW

Date Received: 11/09/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	2.56			M	R023404

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

LAUCKS TESTING LABORATORIES

SAMPLE DATA PACKAGE

BATTELLE

SDG NO.: JPL73

December 26, 2007

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

To: Battelle
Project Name: JPL Groundwater
SDG No.: JPL73
Date of Report: December 26, 2007

SAMPLE RECEIPT, IDENTIFICATION, AND GENERAL COMMENTS:

Sample Receipt and Identification:

The samples submitted under the laboratory number(s) indicated above were identified and analyzed as tabulated below. The samples were collected and received on the dates noted on the enclosed chain-of-custody copies, Attachment A.

<u>Client Sample Identification</u>	<u>Laucks Sample Identification</u>	<u>Testing Analytical Request</u>
MW-4-5	JPL73-001	VOA/MET/PER
MW-4-4	JPL73-002	VOA/MET/PER
MW-4-3	JPL73-003	VOA/MET/PER
MW-4-2	JPL73-004	VOA/MET/PER
MW-4-1	JPL73-005	VOA/MET/PER
EB-9-11/12/07	JPL73-006	VOA/MET/PER
MW-22-5	JPL73-007	VOA/MET/PER
MW-22-4	JPL73-008	VOA/MET/PER
MW-22-3	JPL73-009	VOA/MET/PER
MW-22-2	JPL73-010	VOA/MET/PER
MW-22-1	JPL73-011	VOA/MET/PER
EB-8-11/9/07	JPL73-012	VOA/MET/PER
TB-7-11/9/07	JPL73-013	VOA

Analytical Request Key:

VOA = Volatiles (524.2)
MET = Chromium (200.8)
PER = Perchlorate (314.0) Subcontracted to Weck Laboratories

Sample Receipt Comments:

There were no anomalies associated with the receipt of these samples.

GENERAL REMARKS ON ORGANIC ANALYSES:

The following comments describe general analysis conditions. For remarks specific to the samples reported in this case, see "SPECIFIC REMARKS ON ORGANIC ANALYSIS."

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

Manual Integrations:

One or more analytes may have been manually integrated on the data system quantitation reports. All manual integrations have been flagged, initialed, and dated by the analyst. A list of the manual integration flags is detailed below.

M	Manual integration due to irregular peak shape
MS	Manual integration due to split peak
MR	Manual integration due to retention time shift
MI	Manual integration of correct isomer
MT	Manual integration due to peak tailing
MB	Manual integration due to irregular baseline

Holding Time Compliance:

Volatile Organic Compounds:

The holding time is 14 days calculated from date of collection in both soil and water samples. All samples were analyzed within holding time.

Volatiles Fraction:

Quality Control Analyses:

MS/MSD analyses were not performed due to insufficient sample volume. All spiking analytes in the blank spike analysis recovered within control limits.

GENERAL REMARKS ON INORGANIC ANALYSES:

The following comments describe general analysis conditions. For remarks specific to the samples reported in this case, see "SPECIFIC REMARKS ON INORGANIC ANALYSES."

ICP Metals:

On the first timed and dated page of each ICP-MS run, the data to be reported or rejected will be tabulated for that run.

SPECIFIC REMARKS ON INORGANIC ANALYSES:

Holding Time Compliance:

Laucks calculates holding time compliance for inorganic determinations using the date on which reportable data were acquired.

Metals:

The holding time for metals is six months from the date of collection, excepting mercury, which is 28 days. All analyses were performed within holding time.

LAUCKS TESTING LABORATORIES

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Seattle, WA 98108

ICP-MS Metals:

Sample EB-9-11/12/07 has a chromium result of 1.55 ug/L. Sample EB-8-11/9/07 has a chromium result of 1.73 ug/L. Both sample results for chromium are above the PQL of 1.0 ug/L. Laucks recognizes that for this client project, samples beginning with "EB-" may be client equipment blanks. Samples EB-9-11/12/07 and EB-8-11/9/07 were then re-analyzed and chromium results were comparable to the original data. The client action level for chromium is 10 ug/L. Samples EB-9-11/12/07 and EB-8-11/9/07 had a concentration of chromium that was less than ½ the client action level and could be subject to a slightly high bias. Original chromium results for samples EB-9-11/12/07 and EB-8-11/9/07 were reported as is. No further corrective action was taken. Data have not been flagged for this event.

The scandium internal standard percent recovery for sample MW-22-1 fell outside of the suggested control limits of 60-125%. Chromium is associated with this internal standard. Therefore, the chromium result for sample MW-22-1 was reported from a 2 fold dilution where the scandium internal standard is within the control limits.

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Seattle, WA 98108

ABBREVIATIONS

Several abbreviations can appear in our reports. The most commonly employed abbreviations are as follows:

- U The analyte of interest was not detected to the limit of detection indicated.
- SDL Sample Detection Limit. The SDL can vary from sample to sample, depending on sample size, matrix interferences, moisture content and other sample-specific conditions.
- PQL Practical Quantitation Limit. The limit is drawn from the test method and usually represents the SDL multiplied by a matrix-specific factor.
- DB Dry Basis. The value reported has been back-calculated to normalize for the moisture content of the sample.
- AR As-Received. The value has not been normalized for moisture.

ORGANIC ANALYSES:

- B When used in relation to organics fractions, the "B" flag indicates that the analyte of interest was detected in the method blank associated with the sample, as well as in the sample itself. The "B" flag is applied without regard to the relative concentrations detected in the blank and sample.
 - J The analyte of interest was detected below the routine reporting limit. This value should be regarded as an estimate.
 - T The flagged values represent the SUM of two co-eluting compounds. The SUM of these two values is shown as though it were a result for each of them. The two figures should not be added together.
 - E The flagged value was reported from an analysis that exceeded the linear range of the instrument. See additional comments for further discussion of the circumstances. Values so flagged should be considered estimates.
 - P When a dual column GC technique is employed, this flag indicates that test results from the two columns differ by more than 25%. Generally, we report the higher value.
 - C The flagged analyte has been confirmed by GC/MS analysis. The value reported may be derived from either the initial or confirmatory (GC/MS) analysis. See specific report comments for details.
 - ~ This result has been identified as non-primary based on the analyst's professional judgment.
- CRQL Client requested Quantitation Limit, usually the limit of detection specified at your request. Might also be referred to as Contract Required Quantitation Limit.

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Seattle, WA 98108

INORGANIC ANALYSES:

- J The reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL). If the analyte was analyzed for but not detected, a "U" shall be entered.
 - E The reported value is estimated because of the presence of interference. The serial dilution was not within control limits.
 - N Spiked sample recovery not within control limits.
 - * Duplicate analysis not within control limits.
- CRDL Client Requested Detection Limit, usually the limit of detection specified at your request. Might also be referred to as Contract Required Detection Limit.

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

RELEASE OF DATA

Laucks certifies that these results meet all requirements of the NELAC standards, except where otherwise noted.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."

Respectfully submitted,


Kara Godineaux
Project Manager

12/26/07
(DATE)


Harry Romberg
Quality Assurance Officer

12/26/07
(DATE)

HOW TO CONTACT US:

All Laucks Testing Laboratories staff members can be reached at the same telephone and facsimile numbers: (206) 767-5060 by phone, (206) 767-5063 by FAX.

REQUESTS FOR DUPLICATE COPIES:

This packet has been checked for accuracy. All pages are present and in sequential order. Please see Attachment B for a detailed record.

In the event that duplicate data copies are needed, Laucks will accommodate your request at a fee of twenty-five cents (\$0.25) per copy, plus shipping. If the data are in storage, there will also be a fee for retrieval.

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

ATTACHMENT A

Chain-of-Custody Copies

LAUCKS TESTING LABORATORIES, INC. - SAMPLE CONFIRMATION LOG

Sample ID (SDG-#)	VTSR	Collected On	Client ID	200.8 Total Cr	314.0 Perchlorate	524.2 Volatile Organics + TICs (3PL Special list)	TurMet for 200.7/2008 TurMet
JPL73-001	11/13/2007 08:30 AM	11/12/2007 07:38 AM	MW-4-5	IN	IN	IN	IN
JPL73-002	11/13/2007 08:30 AM	11/12/2007 08:08 AM	MW-4-4	IN	IN	IN	IN
JPL73-003	11/13/2007 08:30 AM	11/12/2007 08:40 AM	MW-4-3	IN	IN	IN	IN
JPL73-004	11/13/2007 08:30 AM	11/12/2007 09:10 AM	MW-4-2	IN	IN	IN	IN
JPL73-005	11/13/2007 08:30 AM	11/12/2007 09:45 AM	MW-4-1	IN	IN	IN	IN
JPL73-006	11/13/2007 08:30 AM	11/12/2007 09:31 AM	EB-9-11/12/07	IN	IN	IN	IN
JPL73-007	11/13/2007 08:30 AM	11/09/2007 07:25 AM	MW-22-5	IN	IN	IN	IN
JPL73-008	11/13/2007 08:30 AM	11/09/2007 07:55 AM	MW-22-4	IN	IN	IN	IN
JPL73-009	11/13/2007 08:30 AM	11/09/2007 08:27 AM	MW-22-3	IN	IN	IN	IN
JPL73-010	11/13/2007 08:30 AM	11/09/2007 08:57 AM	MW-22-2	IN	IN	IN	IN
JPL73-011	11/13/2007 08:30 AM	11/09/2007 09:31 AM	MW-22-1	IN	IN	IN	IN
JPL73-012	11/13/2007 08:30 AM	11/09/2007 09:18 AM	EB-8-11/9/07	IN	IN	IN	IN
JPL73-013	11/13/2007 08:30 AM	11/09/2007 12:00 AM	TB-7-11/9/07			IN	IN

Approved By:

On:

Notes:

Samples identified with a '*' client has requested QC for

LEGEND: -:Started , +:Completed , IN:Logged In , P:Preparation , A:Analysis , X:Cancelled, PL:Pre-logged

FORM LTL-PM-8.0

THIS INFORMATION WILL BE USED FOR REPORTING/BILLING (SEE BELOW)

COMPANY: BATTLE
 ADDRESS: 3990 OLD TOWN AVE, C-205
SAN DIEGO, CA 92115
 ATTENTION: DAVID CONNER
 PROJECT NAME: JM GW MON. 4307
 PROJECT CONTACT: DAVID CONNER
 TELEPHONE: 615-726-7311 FAX: _____
 JOB/PO. NO.: G486050 /

CHAIN OF CUSTODY RECORD
 44202

SDG # SP-73
 PAGE 1 OF 1

WORK ORDER ID# _____

SUBMITTED AT: _____

Testing Laboratories, Inc. 10
 340 South Henry St. Seattle, WA 98101 (206) 527-5000 FAX 767-5063
 1100 Eastwind Ave. Yakima, WA 98901 (509) 541-0955 FAX 452-1265

MATRIX: WATER, SOIL OR SPECIFY	NO. OF CONTAINERS
	<u>VOLS (524.2)</u>
	<u>TOTAL G (200.8)</u>
	<u>CLAY - (314.0)</u>

TESTS TO PERFORM _____

OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS

LAB SAM	SAMPLE ID / LOCATION	DATE	TIME															
1	MW-4-5	11/12/07	738	W	5	X	X	X										
2	MW-4-4		808		X	X	X											
3	MW-4-3		840		X	X	X											
4	MW-4-2		910		X	X	X											
5	MW-4-1		945		X	X	X											
6	EB-9-11	11/26/07	931		X	X	X											

A. A standard turnaround time is assumed unless otherwise marked

B. The laboratory may not be responsible for missed holding time for samples received with less than 50% of the analytical hold time remaining. Please contact the laboratory for further information.

INSTRUCTIONS

1. USE ONE LINE PER SAMPLE
2. BE SPECIFIC IN TEST REQUESTS
3. CHECK OFF TESTS TO BE PERFORMED FOR EACH SAMPLE

BILLING INFORMATION - DIFFERENT THAN ABOVE

NAME: BATTLE ADDRESS: 505 KING AVE
 CITY, STATE, ZIP: COLUMBUS, OH 43201

ATTN: GEORGE TOMPKINS

RECEIVED BY (SIGN AND PRINT): CHRIS BEARD DATE TIME: 11/13/07 1300

RECEIVED BY (SIGN AND PRINT): Elizabeth Golden DATE TIME: 11/13/07 1530

*** PUSH TURNAROUND IS SUBJECT TO PRIOR LABORATORY APPROVAL**

TOTAL NO. OF CONTAINERS

TURNAROUND REQUEST:

STD. 10-14 WORKING DAYS

24-48 HRS. (100% SUR)

72 HRS. (75% SUR)

5 DAYS (50% SUR)

OTHER: _____

TEMP: _____


CUSTODY SEAL: Y N N/A

Financial Charges and/or Deductions Fee may be applied to delinquent accounts.

ORIGINAL REPORT COPY

COMPANY: BATELLE
 ADDRESS: 3990 OLD TOWN AVE., CLOS
SAN DIEGO, CA 92110
 ATTENTION: DAVID LAWREN
 PROJECT NAME: JPL Gen Mun. 4007
 PROJECT CONTACT: DAVID LAWREN
 TELEPHONE: 619-726-7311 FAX: _____
 JOB/PO. NO.: 6456000/1

WORK ORDER ID# _____
 SUBMITTED AT: _____
 TESTS TO PERFORM: _____

Laucks
 Testing Laboratories, Inc. 
 340 South Henry St., Seattle, WA 98106 (206) 767-5000 FAX 767-5065
 1100 Lakewood Ave., Yakima, WA 98902 (509) 256-4695 FAX 432-1265

MATRIX: WATER, SOIL OR SPECIFY	NO. OF CONTAINERS
	VOL (5L4.2)
	TOTAL W (200.8)
	CLOS (314.0)

LAB #/A	SAMPLE ID / LOCATION	DATE	TIME	W	S	X	X	X	REMARKS
7	MW-22-5	11/9/07	725		X	X	X		
8	MW-22-4		755		X	X	X		
9	MW-22-3		827		X	X	X		
10	MW-22-2		857		X	X	X		
11	MW-22-1		931		X	X	X		
12	EB-8-11/9/07		918		X	X	X		EDDIA BLANK
13	775-7-11/9/07		-		X	X	X		TRIP BLANK

A. A standard turnaround time is assumed unless otherwise marked.
 B. The laboratory may not be responsible for missed holding time for samples received with less than 50% of the analytical hold time remaining. Please contact the laboratory for further information.

INSTRUCTIONS: 1. USE ONE LINE PER SAMPLE.
 2. BE SPECIFIC IN TEST REQUESTS.
 3. CHECK OFF TESTS TO BE PERFORMED FOR EACH SAMPLE.

RELENGISHED BY (SIGN AND PRINT): CHASE BROADEN DATE: 11/9/07 TIME: 1300

NAME: BATELLE ADDRESS: 505 KING AVE.
 ATTN: GENERAL TOMPKINS CITY, STATE, ZIP: COLUMBUS, OH 43201

RECEIVED BY (SIGN AND PRINT): Elizabeth Golden DATE: 11/9/07 TIME: 0830

* RUSH TURNAROUND IS SUBJECT TO PRIOR LABORATORY APPROVAL

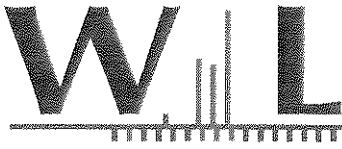
TURNAROUND REQUEST: STD. 10-14 WORKING DAYS
 24-48 HRS. (100% SUR)
 72 HRS. (75% SUR)
 5 DAYS (50% SUR)
 OTHER: _____
 TEMP. _____
 CUSTODY SEAL: Y N N/A

LAUCK'S TESTING LABORATORIES

**Perchlorate Data
(Subcontracted to Weck Laboratories, Inc.)**

BATTELLE

SDG.: JPL73



CERTIFICATE OF ANALYSIS

Client: Laucks Testing Laboratories, Inc.
940 South Harney Street
Seattle, WA 98108
Attention: Kara Godineaux

Report Date: 12/11/07 19:32
Received Date: 11/29/07 09:15
Turn Around: Normal

Work Order #: 7112916

Phone: (206) 957-2422
Fax: (206) 767-5063

Client Project: 45948

NELAP #04229CA ELAP#1132 NEVADA #CA211 HAWAII LACSD #10143

The results in this report apply to the samples analyzed in accordance with the Chain of Custody document. Weck Laboratories, Inc. certifies that the test results meet all NELAC requirements unless noted in the case narrative. This analytical report is confidential and is only intended for the use of Weck Laboratories, Inc. and its client. This report contains the Chain of Custody document, which is an integral part of it, and can only be reproduced in full with the authorization of Weck Laboratories, Inc.

Dear Kara Godineaux :

Enclosed are the results of analyses for samples received 11/29/07 09:15 with the Chain of Custody document. The samples were received in good condition. The samples were received at 2.3 °C and on ice. All analysis met the method criteria except as noted below or in the report with data qualifiers.

Reviewed by:

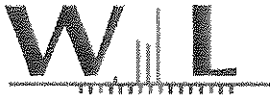
Kim G Tu

Project Manager



Page 1 of 17





Weck Laboratories, Inc.
14859 E. Clark Ave.
Industry, CA 91745
Phone 626.336.2139 Fax 626.336.2634

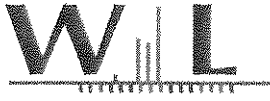
Laucks Testing Laboratories, Inc.
940 South Harney Street
Seattle WA, 98108

Report ID: 7112916
Project ID: 45948

Date Received: 11/29/07 09:15
Date Reported: 12/11/07 19:32

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Sampled by:	Sample Comments	Laboratory	Matrix	Date Sampled
MW-4-5	Client		7112916-01	Water	11/12/07 07:38
MW-4-4	Client		7112916-02	Water	11/12/07 08:08
MW-4-3	Client		7112916-03	Water	11/12/07 08:40
MW-4-2	Client		7112916-04	Water	11/12/07 09:10
MW-4-1	Client		7112916-05	Water	11/12/07 09:45
EB-9-11/12/07	Client		7112916-06	Water	11/12/07 09:31
MW-22-5	Client		7112916-07	Water	11/09/07 07:25
MW-22-4	Client		7112916-08	Water	11/09/07 07:55
MW-22-3	Client		7112916-09	Water	11/09/07 08:27
MW-22-2	Client		7112916-10	Water	11/09/07 08:57
MW-22-1	Client		7112916-11	Water	11/09/07 09:31
EB-8-11/9/07	Client		7112916-12	Water	11/09/07 09:18



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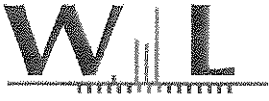
Laucks Testing Laboratories, Inc. 940 South Harney Street Seattle WA, 98108	Report ID: 7112916 Project ID: 45948	Date Received: 11/29/07 09:15 Date Reported: 12/11/07 19:32
---	---	--

MW-4-5 7112916-01 (Water)

Date Sampled: 11/12/07 07:38

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7L0107	12/03/07	12/03/07	hmc



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Report ID: 7112916
Project ID: 45948

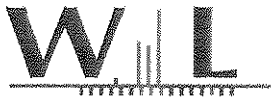
Date Received: 11/29/07 09:15
Date Reported: 12/11/07 19:32

MW-4-4 7112916-02 (Water)

Date Sampled: 11/12/07 08:08

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	3.2	ug/l	2.0	1	EPA 314.0	W7L0107	12/03/07	12/03/07	hmc



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Report ID: 7112916
Project ID: 45948

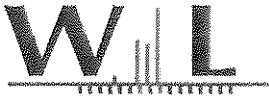
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Date Reported: 12/11/07 19:32

MW-4-3 7112916-03 (Water)

Date Sampled: 11/12/07 08:40

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7L0107	12/03/07	12/03/07	hmc



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Report ID: 7112916
Project ID: 45948

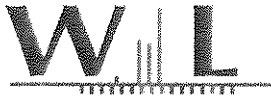
Date Received: 11/29/07 09:15
Date Reported: 12/11/07 19:32

MW-4-2 7112916-04 (Water)

Date Sampled: 11/12/07 09:10

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	3.1	ug/l	2.0	1	EPA 314.0	W7L0107	12/03/07	12/03/07	hmc



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Report ID: 7112916
Project ID: 45948

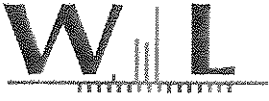
Date Received: 11/29/07 09:15
Date Reported: 12/11/07 19:32

MW-4-1 7112916-05 (Water)

Date Sampled: 11/12/07 09:45

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	790	ug/l	50	25	EPA 314.0	W7L0107	12/03/07	12/03/07	hmx



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Report ID: 7112916
 Project ID: 45948

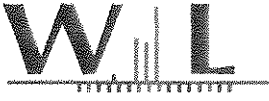
Date Received: 11/29/07 09:15
 Date Reported: 12/11/07 19:32

EB-9-11/12/07 7112916-06 (Water)

Date Sampled: 11/12/07 09:31

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7L0317	12/05/07	12/05/07	hmc



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Report ID: 7112916
 Project ID: 45948

Date Received: 11/29/07 09:15
 Date Reported: 12/11/07 19:32

MW-22-5 7112916-07 (Water)

Date Sampled: 11/09/07 07:25

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7L0107	12/03/07	12/03/07	hmc



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Laucks Testing Laboratories, Inc.
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Report ID: 7112916
 Project ID: 45948

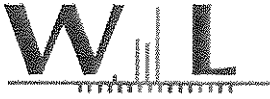
Date Received: 11/29/07 09:15
 Date Reported: 12/11/07 19:32

MW-22-4 7112916-08 (Water)

Date Sampled: 11/09/07 07:55

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7L0107	12/03/07	12/03/07	hmc



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 Industry, CA 91745
 Phone 626.336.2139 Fax 626.336.2634

Laucks Testing Laboratories, Inc.
 940 South Harney Street
 Seattle WA, 98108

Report ID: 7112916
 Project ID: 45948

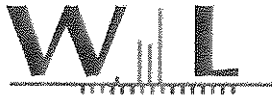
Date Received: 11/29/07 09:15
 Date Reported: 12/11/07 19:32

MW-22-3 7112916-09 (Water)

Date Sampled: 11/09/07 08:27

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	3.2	ug/l	2.0	1	EPA 314.0	W7L0107	12/03/07	12/03/07	hmc



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Laucks Testing Laboratories, Inc.
940 South Harney Street
Seattle WA, 98108

Report ID: 7112916
Project ID: 45948

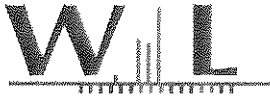
Date Received: 11/29/07 09:15
Date Reported: 12/11/07 19:32

MW-22-2 7112916-10 (Water)

Date Sampled: 11/09/07 08:57

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7L0107	12/03/07	12/03/07	hmx



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 940 South Harney Street
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Report ID: 7112916
 Project ID: 45948

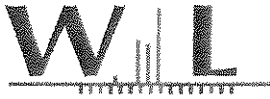
Date Received: 11/29/07 09:15
 Date Reported: 12/11/07 19:32

MW-22-1 7112916-11 (Water)

Date Sampled: 11/09/07 09:31

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	4.0	ug/l	2.0	1	EPA 314.0	W7L0107	12/03/07	12/03/07	hmc



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Phone 626.336.2139 Fax 626.336.2634

Laucks Testing Laboratories, Inc.
940 South Harney Street
Seattle WA, 98108

Report ID: 7112916
Project ID: 45948

Date Received: 11/29/07 09:15
Date Reported: 12/11/07 19:32

EB-8-11/9/07 7112916-12 (Water)

Date Sampled: 11/09/07 09:18

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7L0107	12/03/07	12/03/07	hmc

FORM SUMMARY

SDG # JPL73

Volatiles Analysis

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-5

Lab Name: _____
 SDG No.: JPL73
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023426
 Lab Sample ID: JPL73-001
 Lab File ID: B1114011.D
 Date Collected: 11/12/2007
 Date/Time Analyzed: 11/14/2007 14:55
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-5

Lab Name: _____
 SDG No.: JPL73
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023426
 Lab Sample ID: JPL73-001
 Lab File ID: B1114011.D
 Date Collected: 11/12/2007
 Date/Time Analyzed: 11/14/2007 14:55
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-5

Lab Name: _____
 SDG No.: JPL73
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023426
 Lab Sample ID: JPL73-001
 Lab File ID: B1114011.D
 Date Collected: 11/12/2007
 Date/Time Analyzed: 11/14/2007 14:55
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-4

Lab Name: _____
 SDG No.: JPL73
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023426
 Lab Sample ID: JPL73-002
 Lab File ID: B1114013.D
 Date Collected: 11/12/2007
 Date/Time Analyzed: 11/14/2007 15:46
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		<u>ug/L</u>	
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-4

Lab Name: _____
 SDG No.: JPL73
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023426
 Lab Sample ID: JPL73-002
 Lab File ID: B1114013.D
 Date Collected: 11/12/2007
 Date/Time Analyzed: 11/14/2007 15:46
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-4

Lab Name: _____
 SDG No.: JPL73
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023426
 Lab Sample ID: JPL73-002
 Lab File ID: B1114013.D
 Date Collected: 11/12/2007
 Date/Time Analyzed: 11/14/2007 15:46
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-3

Lab Name: _____
 SDG No.: JPL73
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023426
 Lab Sample ID: JPL73-003
 Lab File ID: B1114023.D
 Date Collected: 11/12/2007
 Date/Time Analyzed: 11/14/2007 20:04
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.39	J

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-3

Lab Name: _____
 SDG No.: JPL73
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023426
 Lab Sample ID: JPL73-003
 Lab File ID: B1114023.D
 Date Collected: 11/12/2007
 Date/Time Analyzed: 11/14/2007 20:04
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	1.7	
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.43	J
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-3

Lab Name: _____
 SDG No.: JPL73
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023426
 Lab Sample ID: JPL73-003
 Lab File ID: B1114023.D
 Date Collected: 11/12/2007
 Date/Time Analyzed: 11/14/2007 20:04
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-2

Lab Name: _____
 SDG No.: JPL73
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023426
 Lab Sample ID: JPL73-004
 Lab File ID: B1114014.D
 Date Collected: 11/12/2007
 Date/Time Analyzed: 11/14/2007 16:12
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.81	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-2

Lab Name: _____
 SDG No.: JPL73
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023426
 Lab Sample ID: JPL73-004
 Lab File ID: B1114014.D
 Date Collected: 11/12/2007
 Date/Time Analyzed: 11/14/2007 16:12
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.39	J
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-2

Lab Name: _____
 SDG No.: JPL73
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023426
 Lab Sample ID: JPL73-004
 Lab File ID: B1114014.D
 Date Collected: 11/12/2007
 Date/Time Analyzed: 11/14/2007 16:12
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-1

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL73

Run Sequence: R023426

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL73-005

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1114015.D

Level: (LOW/MED) _____

Date Collected: 11/12/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/14/2007 16:38

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	1.4	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	1.7	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-1

Lab Name: _____
 SDG No.: JPL73
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023426
 Lab Sample ID: JPL73-005
 Lab File ID: B1114015.D
 Date Collected: 11/12/2007
 Date/Time Analyzed: 11/14/2007 16:38
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: <u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-4-1

Lab Name: _____
 SDG No.: JPL73
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023426
 Lab Sample ID: JPL73-005
 Lab File ID: B1114015.D
 Date Collected: 11/12/2007
 Date/Time Analyzed: 11/14/2007 16:38
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-9-11/12/07

Lab Name: _____
 SDG No.: JPL73
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023426
 Lab Sample ID: JPL73-006
 Lab File ID: B1114016.D
 Date Collected: 11/12/2007
 Date/Time Analyzed: 11/14/2007 17:03
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-9-11/12/07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL73

Run Sequence: R023426

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL73-006

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1114016.D

Level: (LOW/MED) _____

Date Collected: 11/12/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/14/2007 17:03

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,1,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-9-11/12/07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL73

Run Sequence: R023426

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL73-006

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1114016.D

Level: (LOW/MED) _____

Date Collected: 11/12/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/14/2007 17:03

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-22-5

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL73

Run Sequence: R023426

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL73-007

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1114017.D

Level: (LOW/MED) _____

Date Collected: 11/09/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/14/2007 17:29

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-22-5

Lab Name: _____
 SDG No.: JPL73
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023426
 Lab Sample ID: JPL73-007
 Lab File ID: B1114017.D
 Date Collected: 11/09/2007
 Date/Time Analyzed: 11/14/2007 17:29
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,1,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-22-5

Lab Name: _____ Contract: JPL Groundwater Monitorin
 SDG No.: JPL73 Run Sequence: R023426
 Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL73-007
 Sample wt/vol: 5.00 (g/mL) mL Lab File ID: B1114017.D
 Level: (LOW/MED) _____ Date Collected: 11/09/2007
 % Moisture: not dec. _____ Date/Time Analyzed: 11/14/2007 17:29
 GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)
 Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-22-4

Lab Name: _____
 SDG No.: JPL73
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023426
 Lab Sample ID: JPL73-008
 Lab File ID: B1114018.D
 Date Collected: 11/09/2007
 Date/Time Analyzed: 11/14/2007 17:55
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-22-4

Lab Name: _____
 SDG No.: JPL73
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023426
 Lab Sample ID: JPL73-008
 Lab File ID: B1114018.D
 Date Collected: 11/09/2007
 Date/Time Analyzed: 11/14/2007 17:55
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-22-4

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL73

Run Sequence: R023426

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL73-008

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1114018.D

Level: (LOW/MED) _____

Date Collected: 11/09/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/14/2007 17:55

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-22-3

Lab Name: _____
 SDG No.: JPL73
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023426
 Lab Sample ID: JPL73-009
 Lab File ID: B1114019.D
 Date Collected: 11/09/2007
 Date/Time Analyzed: 11/14/2007 18:21
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-22-3

Lab Name: _____
 SDG No.: JPL73
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023426
 Lab Sample ID: JPL73-009
 Lab File ID: B1114019.D
 Date Collected: 11/09/2007
 Date/Time Analyzed: 11/14/2007 18:21
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-22-3

Lab Name: _____
 SDG No.: JPL73
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023426
 Lab Sample ID: JPL73-009
 Lab File ID: B1114019.D
 Date Collected: 11/09/2007
 Date/Time Analyzed: 11/14/2007 18:21
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-22-2

Lab Name: _____
 SDG No.: JPL73
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023426
 Lab Sample ID: JPL73-010
 Lab File ID: B1114020.D
 Date Collected: 11/09/2007
 Date/Time Analyzed: 11/14/2007 18:47
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-22-2

Lab Name: _____
 SDG No.: JPL73
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023426
 Lab Sample ID: JPL73-010
 Lab File ID: B1114020.D
 Date Collected: 11/09/2007
 Date/Time Analyzed: 11/14/2007 18:47
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-22-2

Lab Name: _____
 SDG No.: JPL73
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023426
 Lab Sample ID: JPL73-010
 Lab File ID: B1114020.D
 Date Collected: 11/09/2007
 Date/Time Analyzed: 11/14/2007 18:47
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-22-1

Lab Name: _____
 SDG No.: JPL73
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023426
 Lab Sample ID: JPL73-011
 Lab File ID: B1114021.D
 Date Collected: 11/09/2007
 Date/Time Analyzed: 11/14/2007 19:13
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		<u>ug/L</u>	
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.36	J
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-22-1

Lab Name: _____
 SDG No.: JPL73
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023426
 Lab Sample ID: JPL73-011
 Lab File ID: B1114021.D
 Date Collected: 11/09/2007
 Date/Time Analyzed: 11/14/2007 19:13
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	1.1	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-22-1

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL73

Run Sequence: R023426

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL73-011

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1114021.D

Level: (LOW/MED) _____

Date Collected: 11/09/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/14/2007 19:13

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: <u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-8-11/9/07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL73

Run Sequence: R023426

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL73-012

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1114022.D

Level: (LOW/MED) _____

Date Collected: 11/09/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/14/2007 19:39

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-8-11/9/07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL73

Run Sequence: R023426

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL73-012

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1114022.D

Level: (LOW/MED) _____

Date Collected: 11/09/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/14/2007 19:39

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-8-11/9/07

Lab Name: _____
 SDG No.: JPL73
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023426
 Lab Sample ID: JPL73-012
 Lab File ID: B1114022.D
 Date Collected: 11/09/2007
 Date/Time Analyzed: 11/14/2007 19:39
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-7-11/9/07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL73

Run Sequence: R023426

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL73-013

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1114009.D

Level: (LOW/MED) _____

Date Collected: 11/09/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/14/2007 13:17

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-7-11/9/07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL73

Run Sequence: R023426

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL73-013

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1114009.D

Level: (LOW/MED) _____

Date Collected: 11/09/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/14/2007 13:17

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-7-11/9/07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL73

Run Sequence: R023426

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL73-013

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1114009.D

Level: (LOW/MED) _____

Date Collected: 11/09/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/14/2007 13:17

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1 TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-4-5

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL73

Run Sequence: R023426

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL73-001

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1114011.D

Level: (LOW/MED) _____

Date Collected: 11/12/2007

% Moisture: not dec. _____

Date Analyzed: 11/14/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01				
02				
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Comments:

1 TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-4-4

Lab Name: Laucks Testing Laboratories, Inc
 SDG No.: JPL73
 Matrix: (SOIL/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Number TICs Found: 0

Contract: JPL Groundwater Monitorin
 Run Sequence: R023426
 Lab Sample ID: JPL73-002
 Lab File ID: B1114013.D
 Date Collected: 11/12/2007
 Date Analyzed: 11/14/2007
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)
 CONCENTRATION UNITS:
ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01				
02				
03				
04				
05				
06				
07				
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Comments:

1 TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-4-3

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL73

Run Sequence: R023426

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL73-003

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1114023.D

Level: (LOW/MED) _____

Date Collected: 11/12/2007

% Moisture: not dec. _____

Date Analyzed: 11/14/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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Comments:

1 TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-4-2

Lab Name: Laucks Testing Laboratories, Inc
 SDG No.: JPL73
 Matrix: (SOIL/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Number TICs Found: 0

Contract: JPL Groundwater Monitorin
 Run Sequence: R023426
 Lab Sample ID: JPL73-004
 Lab File ID: B1114014.D
 Date Collected: 11/12/2007
 Date Analyzed: 11/14/2007
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)
 CONCENTRATION UNITS:
ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01				
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Comments:

1 TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-4-1

Lab Name: Laucks Testing Laboratories, Inc
 SDG No.: JPL73
 Matrix: (SOIL/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Number TICs Found: 0

Contract: JPL Groundwater Monitorin
 Run Sequence: R023426
 Lab Sample ID: JPL73-005
 Lab File ID: B1114015.D
 Date Collected: 11/12/2007
 Date Analyzed: 11/14/2007
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)
 CONCENTRATION UNITS:
ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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Comments:

1 TIC
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

EB-9-11/12/07

Lab Name: Laucks Testing Laboratories, Inc
 SDG No.: JPL73
 Matrix: (SOIL/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Number TICs Found: 0

Contract: JPL Groundwater Monitorin
 Run Sequence: R023426
 Lab Sample ID: JPL73-006
 Lab File ID: B1114016.D
 Date Collected: 11/12/2007
 Date Analyzed: 11/14/2007
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)
 CONCENTRATION UNITS:
ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01				
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04				
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Comments:

1 TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-22-5

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL73

Run Sequence: R023426

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL73-007

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1114017.D

Level: (LOW/MED) _____

Date Collected: 11/09/2007

% Moisture: not dec. _____

Date Analyzed: 11/14/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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Comments:

1 TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-22-4

Lab Name: Laucks Testing Laboratories, Inc
 SDG No.: JPL73
 Matrix: (SOIL/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Number TICs Found: 0

Contract: JPL Groundwater Monitorin
 Run Sequence: R023426
 Lab Sample ID: JPL73-008
 Lab File ID: B114018.D
 Date Collected: 11/09/2007
 Date Analyzed: 11/14/2007
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)
 CONCENTRATION UNITS:
ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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Comments:

1 TIC
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-22-3

Lab Name: Laucks Testing Laboratories, Inc
 SDG No.: JPL73
 Matrix: (SOIL/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Number TICs Found: 0

Contract: JPL Groundwater Monitorin
 Run Sequence: R023426
 Lab Sample ID: JPL73-009
 Lab File ID: B1114019.D
 Date Collected: 11/09/2007
 Date Analyzed: 11/14/2007
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)
 CONCENTRATION UNITS:
ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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Comments:

1 TIC
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-22-2

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL73

Run Sequence: R023426

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL73-010

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1114020.D

Level: (LOW/MED) _____

Date Collected: 11/09/2007

% Moisture: not dec. _____

Date Analyzed: 11/14/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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Comments:

1 TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-22-1

Lab Name: Laucks Testing Laboratories, Inc
 SDG No.: JPL73
 Matrix: (SOIL/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Number TICs Found: 0

Contract: JPL Groundwater Monitorin
 Run Sequence: R023426
 Lab Sample ID: JPL73-011
 Lab File ID: B1114021.D
 Date Collected: 11/09/2007
 Date Analyzed: 11/14/2007
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)
 CONCENTRATION UNITS:
ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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Comments:

1 TIC
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

EB-8-11/9/07

Lab Name: Laucks Testing Laboratories, Inc
 SDG No.: JPL73
 Matrix: (SOIL/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Number TICs Found: 0

Contract: JPL Groundwater Monitorin
 Run Sequence: R023426
 Lab Sample ID: JPL73-012
 Lab File ID: B1114022.D
 Date Collected: 11/09/2007
 Date Analyzed: 11/14/2007
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)
 CONCENTRATION UNITS:
ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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Comments:

1 TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

TB-7-11/9/07

Lab Name: Laucks Testing Laboratories, Inc
 SDG No.: JPL73
 Matrix: (SOIL/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Number TICs Found: 0

Contract: JPL Groundwater Monitorin
 Run Sequence: R023426
 Lab Sample ID: JPL73-013
 Lab File ID: B1114009.D
 Date Collected: 11/09/2007
 Date Analyzed: 11/14/2007
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)
 CONCENTRATION UNITS:
ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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Comments:

FORMS SUMMARY

JPL73

Metals Data

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-4-5

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL73

Matrix (soil/water): Water

Lab Sample ID: JPL73-001

Level (low/med): LOW

Date Received: 11/13/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	9.63			M	R023563

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-4-4

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL73

Matrix (soil/water): Water

Lab Sample ID: JPL73-002

Level (low/med): LOW

Date Received: 11/13/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	9.79			M	R023563

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-4-3

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL73

Matrix (soil/water): Water

Lab Sample ID: JPL73-003

Level (low/med): LOW

Date Received: 11/13/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.00	U		M	R023866

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-4-2

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL73

Matrix (soil/water): Water

Lab Sample ID: JPL73-004

Level (low/med): LOW

Date Received: 11/13/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	15.2			M	R023563

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-4-1

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL73

Matrix (soil/water): Water

Lab Sample ID: JPL73-005

Level (low/med): LOW

Date Received: 11/13/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	15.7			M	R023563

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

EB-9-11/12/07

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL73

Matrix (soil/water): Water

Lab Sample ID: JPL73-006

Level (low/med): LOW

Date Received: 11/13/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.55			M	R023563

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-22-5

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL73

Matrix (soil/water): Water

Lab Sample ID: JPL73-007

Level (low/med): LOW

Date Received: 11/13/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	3.35			M	R023563

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-22-4

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL73

Matrix (soil/water): Water

Lab Sample ID: JPL73-008

Level (low/med): LOW

Date Received: 11/13/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	9.74			M	R023563

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-22-3

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL73

Matrix (soil/water): Water

Lab Sample ID: JPL73-009

Level (low/med): LOW

Date Received: 11/13/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	9.65			M	R023563

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-22-2

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL73

Matrix (soil/water): Water

Lab Sample ID: JPL73-010

Level (low/med): LOW

Date Received: 11/13/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	9.02			M	R023563

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-22-1

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL73

Matrix (soil/water): Water

Lab Sample ID: JPL73-011

Level (low/med): LOW

Date Received: 11/13/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	14.6			M	R023563

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

EB-8-11/9/07

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL73

Matrix (soil/water): Water

Lab Sample ID: JPL73-012

Level (low/med): LOW

Date Received: 11/13/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.73			M	R023563

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

LAUCKS TESTING LABORATORIES

SAMPLE DATA PACKAGE

BATTELLE

SDG NO.: JPL74

December 26, 2007

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

To: Battelle
Project Name: JPL Groundwater
SDG No.: JPL74
Date of Report: December 26, 2007

SAMPLE RECEIPT, IDENTIFICATION, AND GENERAL COMMENTS:

Sample Receipt and Identification:

The samples submitted under the laboratory number(s) indicated above were identified and analyzed as tabulated below. The samples were collected and received on the dates noted on the enclosed chain-of-custody copies, Attachment A.

<u>Client Sample Identification</u>	<u>Laucks Sample Identification</u>	<u>Testing Analytical Request</u>
MW-12-5	JPL74-001	VOA/MET/PER
MW-12-4	JPL74-002	VOA/MET/PER
MW-12-3	JPL74-003	VOA/MET/PER
MW-12-2	JPL74-004	VOA/MET/PER
MW-12-1	JPL74-005	VOA/MET/PER
EB-10-11/13/07	JPL74-006	VOA/MET/PER
TB-8-11/13/07	JPL74-007	VOA

Analytical Request Key:

VOA = Volatiles (524.2)
MET = Chromium (200.8)
PER = Perchlorate (314.0) Subcontracted to Weck Laboratories

Sample Receipt Comments:

The following discrepancies were noted in association with the receipt of these samples.

Three of three volatiles bottles submitted for MW-12-5 contained bubbles of less than 1/4 inch in size.
One of three volatiles bottles submitted for MW-12-4 contained bubbles of less than 1/4 inch in size.
One of three volatiles bottles submitted for MW-12-3 contained bubbles of less than 1/4 inch in size.
Two of three volatiles bottles submitted for MW-12-2 contained bubbles of less than 1/4 inch in size.
One of three volatiles bottles submitted for MW-12-1 contained bubbles of less than 1/4 inch in size.
Two of three volatiles bottles submitted for EB-10-11/13/07 contained bubbles of less than 1/4 inch in size. One of three volatiles bottles submitted for MW-12-2 contained bubbles of greater than 1/4 inch in size. One of three volatiles bottles submitted for EB-10-11/13/07 contained bubbles of greater than 1/4 inch in size.

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

GENERAL REMARKS ON ORGANIC ANALYSES:

The following comments describe general analysis conditions. For remarks specific to the samples reported in this case, see "SPECIFIC REMARKS ON ORGANIC ANALYSIS."

Manual Integrations:

One or more analytes may have been manually integrated on the data system quantitation reports. All manual integrations have been flagged, initialed, and dated by the analyst. A list of the manual integration flags is detailed below.

M	Manual integration due to irregular peak shape
MS	Manual integration due to split peak
MR	Manual integration due to retention time shift
MI	Manual integration of correct isomer
MT	Manual integration due to peak tailing
MB	Manual integration due to irregular baseline

Holding Time Compliance:

Volatile Organic Compounds:

The holding time is 14 days calculated from the date of collection in both soil and water samples. All samples were analyzed within holding times.

Volatiles Fraction:

All quality control parameters were met.

GENERAL REMARKS ON INORGANIC ANALYSES:

The following comments describe general analysis conditions. For remarks specific to the samples reported in this case, see "SPECIFIC REMARKS ON INORGANIC ANALYSES."

ICP Metals:

On the first timed and dated page of each ICP-MS run, the data to be reported or rejected will be tabulated for that run.

SPECIFIC REMARKS ON INORGANIC ANALYSES:

Holding Time Compliance:

Laucks calculates holding time compliance for inorganic determinations using the date on which reportable data were acquired.

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Seattle, WA 98108

Metals:

The holding time for metals is six months from the date of collection, excepting mercury, which is 28 days. All analyses were performed within holding time.

ICP-MS Metals:

Sample EB-10-11/13/07 has a chromium result of 1.63 ug/L which is above the PQL of 1.0 ug/L. Laucks recognizes that for this client project, samples beginning with "EB-" may be client equipment blanks. Sample EB-10-11/13/07 was then re-analyzed and the chromium result was comparable to the original data. The client action level for chromium is 10 ug/L. Sample EB-10-11/13/07 had a concentration of chromium that was less than ½ the client action level and could be subject to a slightly high bias. The original chromium result for sample EB-10-11/13/07 was reported as is. No further corrective action was taken. Data have not been flagged for this event.

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Seattle, WA 98108

ABBREVIATIONS

Several abbreviations can appear in our reports. The most commonly employed abbreviations are as follows:

- U The analyte of interest was not detected to the limit of detection indicated.
- SDL Sample Detection Limit. The SDL can vary from sample to sample, depending on sample size, matrix interferences, moisture content and other sample-specific conditions.
- PQL Practical Quantitation Limit. The limit is drawn from the test method and usually represents the SDL multiplied by a matrix-specific factor.
- DB Dry Basis. The value reported has been back-calculated to normalize for the moisture content of the sample.
- AR As-Received. The value has not been normalized for moisture.

ORGANIC ANALYSES:

- B When used in relation to organics fractions, the "B" flag indicates that the analyte of interest was detected in the method blank associated with the sample, as well as in the sample itself. The "B" flag is applied without regard to the relative concentrations detected in the blank and sample.
 - J The analyte of interest was detected below the routine reporting limit. This value should be regarded as an estimate.
 - T The flagged values represent the SUM of two co-eluting compounds. The SUM of these two values is shown as though it were a result for each of them. The two figures should not be added together.
 - E The flagged value was reported from an analysis that exceeded the linear range of the instrument. See additional comments for further discussion of the circumstances. Values so flagged should be considered estimates.
 - P When a dual column GC technique is employed, this flag indicates that test results from the two columns differ by more than 25%. Generally, we report the higher value.
 - C The flagged analyte has been confirmed by GC/MS analysis. The value reported may be derived from either the initial or confirmatory (GC/MS) analysis. See specific report comments for details.
 - ~ This result has been identified as non-primary based on the analyst's professional judgment.
- CRQL Client requested Quantitation Limit, usually the limit of detection specified at your request. Might also be referred to as Contract Required Quantitation Limit.

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Seattle, WA 98108

INORGANIC ANALYSES:

- J The reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL). If the analyte was analyzed for but not detected, a "U" shall be entered.
- E The reported value is estimated because of the presence of interference. The serial dilution was not within control limits.
- N Spiked sample recovery not within control limits.
- * Duplicate analysis not within control limits.

CRDL Client Requested Detection Limit, usually the limit of detection specified at your request. Might also be referred to as Contract Required Detection Limit.

LAUCKS TESTING LABORATORIES

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Seattle, WA 98108

RELEASE OF DATA

Laucks certifies that these results meet all requirements of the NELAC standards, except where otherwise noted.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."

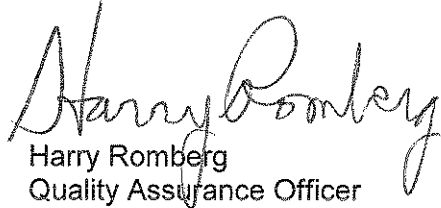
Respectfully submitted,



Kara Godineaux
Project Manager

12/26/07

(DATE)



Harry Romberg
Quality Assurance Officer

12/26/07

(DATE)

HOW TO CONTACT US:

All Laucks Testing Laboratories staff members can be reached at the same telephone and facsimile numbers: (206) 767-5060 by phone, (206) 767-5063 by FAX.

REQUESTS FOR DUPLICATE COPIES:

This packet has been checked for accuracy. All pages are present and in sequential order. Please see Attachment B for a detailed record.

In the event that duplicate data copies are needed, Laucks will accommodate your request at a fee of twenty-five cents (\$0.25) per copy, plus shipping. If the data are in storage, there will also be a fee for retrieval.

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

ATTACHMENT A

Chain-of-Custody Copies

LAUCKS TESTING LABORATORIES, INC. - SAMPLE CONFIRMATION LOG

Sample ID (SDG-#)	VTSR	Collected On	Client ID	200.8 Total Cr	314.0 Perchlorate	524.2 Volatile Organics + TICs (JPL Special list)	Turmet for 200.7/200.8 Turmet
JPL74-001	11/14/2007 08:30 AM	11/13/2007 07:30 AM	NW-12-5	IN	IN	IN	IN
JPL74-002	11/14/2007 08:30 AM	11/13/2007 08:11 AM	NW-12-4	IN	IN	IN	IN
JPL74-003	11/14/2007 08:30 AM	11/13/2007 08:40 AM	NW-12-3	IN	IN	IN	IN
JPL74-004	11/14/2007 08:30 AM	11/13/2007 09:10 AM	NW-12-2	IN	IN	IN	IN
*JPL74-005	11/14/2007 08:30 AM	11/13/2007 09:48 AM	NW-12-1	IN	IN	IN	IN
JPL74-006	11/14/2007 08:30 AM	11/13/2007 09:30 AM	EB-10-11/13/07	IN	IN	IN	IN
JPL74-007	11/14/2007 08:30 AM	11/13/2007 12:00 AM	TB-8-11/13/07			IN	

Approved By:

On:

Notes:

Samples identified with a '*' client has requested QC for

LEGEND: -:Started , +:Completed , IN:Logged In , P:Preparation , A:Analysis , X:Cancelled, PL:Pre-logged

FORM LTL-PM-8.0

COMPANY: BATELLE
 ADDRESS: 3940 OLD TOWN AVE, C-205
SAV DICKS, CA 92110
 ATTENTION: DAVID CONNER
 PROJECT NAME: JPL LOW MAN 4007
 PROJECT CONTACT: DAVID CONNER
 TELEPHONE: 619-726-7811 FAX: _____
 JOB/P.O. NO.: G486050 / 214319

CHAIN OF CUSTODY RECORD

44204

SDG #

JPL 74

WORK ORDER ID#

PAGE 1 OF 1
 SUBMITTED AT:

TESTS TO PERFORM

MATRIX: WATER, SOIL OR SPECIFY	NO. OF CONTAINERS
	VOL (524.2)
	TOTAL G (200.8)
	C104 (314.0)

2

OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS

LABS#	SAMPLE ID / LOCATION	DATE	TIME	W	S	X	X	X										
1	MW-12-5	11/13/07	730			X	X	X										
2	MW-12-4		811			X	X	X										
3	MW-12-3		840			X	X	X										
4	MW-12-2		910			X	X	X										
5	MW-12-1		948			X	X	X										
6	EB-10-11/13/07		930			X	X	X										
7	TS-8-11/13/07					X	X											

A. A standard turnaround time is assumed unless otherwise marked.

B. The laboratory may not be responsible for missed holding time for samples received with less than 50% of the analytical hold time remaining. Please contact the laboratory for further information.

INSTRUCTIONS

1. USE ONE LINE PER SAMPLE.
2. BE SPECIFIC IN TEST REQUESTS.
3. CHECK OFF TESTS TO BE PERFORMED FOR EACH SAMPLE.

BILLING INFORMATION (DIFFERENT THAN ABOVE)

NAME: BATELLE
 ADDRESS: 505 KING AVE
 CITY, STATE, ZIP: COLUMBUS, OH 43201
 ATTN: GERALD TOMPKINS

* RUSH TURNAROUND IS SUBJECT TO PRIOR LABORATORY APPROVAL

TOTAL NO. OF CONTAINERS: _____
 TURNAROUND REQUEST: STD. 10-14 WORKING DAYS
 24-48 HRS. (100% SUR)
 72 HRS. (75% SUR)
 5 DAYS (50% SUR)
 OTHER: _____
 TEMP: _____
 CUSTODY SEAL: Y N N/A

REINQUISHED BY (SIGN AND PRINT)

DATE TIME

RECEIVED BY (SIGN AND PRINT)

DATE TIME

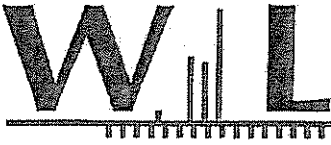
[Signature] [Signature]
11/13/07 1300
[Signature] [Signature]
11/14/07 08:30

LAUCK'S TESTING LABORATORIES

**Perchlorate Data
(Subcontracted to Weck Laboratories, Inc.)**

BATTELLE

SDG.: JPL74



Weck Laboratories, Inc.

Analytical Laboratory Services - Since 1964

14859 E. Clark Ave., Industry, CA 91745
Phone 626.336.2139 Fax 626.336.2634
info@wecklabs.com www.wecklabs.com

CERTIFICATE OF ANALYSIS

Client: Laucks Testing Laboratories, Inc.
940 South Harney Street
Seattle, WA 98108
Attention: Kara Godineaux

Report Date: 12/13/07 16:55
Received Date: 12/04/07 13:30
Turn Around: Normal

Work Order #: 7120577

Phone: (206) 957-2422

Fax: (206) 767-5063

NELAP #04229CA ELAP#1132 NEVADA #CA211 HAWAII LACSD #10143

The results in this report apply to the samples analyzed in accordance with the Chain of Custody document. Weck Laboratories, Inc. certifies that the test results meet all NELAC requirements unless noted in the case narrative. This analytical report is confidential and is only intended for the use of Weck Laboratories, Inc. and its client. This report contains the Chain of Custody document, which is an integral part of it, and can only be reproduced in full with the authorization of Weck Laboratories, Inc.

Dear Kara Godineaux :

Enclosed are the results of analyses for samples received 12/04/07 13:30 with the Chain of Custody document. The samples were received in good condition. The samples were received at 3.6 °C and on ice. All analysis met the method criteria except as noted below or in the report with data qualifiers.

Reviewed by:

Kim G Tu

Project Manager



Page 1 of 12





Weck Laboratories, Inc.
14859 E. Clark Ave.
Industry, CA 91745
Phone 626.336.2139 Fax 626.336.2634

Laucks Testing Laboratories, Inc.
940 South Harney Street
Seattle WA, 98108

Report ID: 7120577
Project ID: [none]

Date Received: 12/04/07 13:30
Date Reported: 12/13/07 16:55

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Sampled by:	Sample Comments	Laboratory	Matrix	Date Sampled
MW-12-5	Client	JPL74-001	7120577-01	Water	11/13/07 07:30
MW-12-4	Client	JPL74-002	7120577-02	Water	11/13/07 08:11
MW-12-3	Client	JPL74-003	7120577-03	Water	11/13/07 08:40
MW-12-2	Client	JPL74-004	7120577-04	Water	11/13/07 09:10
MW-12-1	Client	JPL74-005	7120577-05	Water	11/13/07 09:48
EB-10-11/13/07	Client	JPL74-006	7120577-06	Water	11/13/07 09:30



Weck Laboratories, Inc.
 14859 E. Clark Ave.
 Industry, CA 91745
 Phone 626.336.2139 Fax 626.336.2634

Laucks Testing Laboratories, Inc. 940 South Harney Street Seattle WA, 98108	Report ID: 7120577 Project ID: [none]	Date Received: 12/04/07 13:30 Date Reported: 12/13/07 16:55
---	--	--

MW-12-5 7120577-01 (Water)

Date Sampled: 11/13/07 07:30

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7L0435	12/11/07	12/11/07	hmc



Weck Laboratories, Inc.
 14859 E. Clark Ave.
 Industry, CA 91745
 Phone 626.336.2139 Fax 626.336.2634

Laucks Testing Laboratories, Inc. 940 South Harney Street Seattle WA, 98108	Report ID: 7120577 Project ID: [none]	Date Received: 12/04/07 13:30 Date Reported: 12/13/07 16:55
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MW-12-4 7120577-02 (Water)

Date Sampled: 11/13/07 08:11

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	4.2	ug/l	2.0	1	EPA 314.0	W7L0375	12/06/07	12/06/07	hmc



Weck Laboratories, Inc.
 14859 E. Clark Ave.
 Industry, CA 91745
 Phone 626.336.2139 Fax 626.336.2634

Laucks Testing Laboratories, Inc. 940 South Harney Street Seattle WA, 98108	Report ID: 7120577 Project ID: [none]	Date Received: 12/04/07 13:30 Date Reported: 12/13/07 16:55
---	--	--

MW-12-3 7120577-03 (Water)

Date Sampled: 11/13/07 08:40

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	4.0	ug/l	2.0	1	EPA 314.0	W7L0375	12/06/07	12/06/07	hmc



Weck Laboratories, Inc.
14859 E. Clark Ave.
Industry, CA 91745
Phone 626.336.2139 Fax 626.336.2634

Laucks Testing Laboratories, Inc.
940 South Harney Street
Seattle WA, 98108

Report ID: 7120577
Project ID: [none]

Date Received: 12/04/07 13:30
Date Reported: 12/13/07 16:55

MW-12-2 7120577-04 (Water)

Date Sampled: 11/13/07 09:10

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7L0375	12/06/07	12/06/07	hmc



Weck Laboratories, Inc.
 14859 E. Clark Ave.
 Industry, CA 91745
 Phone 626.336.2139 Fax 626.336.2634

Laucks Testing Laboratories, Inc. 940 South Harney Street Seattle WA, 98108	Report ID: 7120577 Project ID: [none]	Date Received: 12/04/07 13:30 Date Reported: 12/13/07 16:55
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MW-12-1 7120577-05 (Water)

Date Sampled: 11/13/07 09:48

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	4.3	ug/l	2.0	1	EPA 314.0	W7L0375	12/06/07	12/06/07	hmc



Weck Laboratories, Inc.
 14859 E. Clark Ave.
 Industry, CA 91745
 Phone 626.336.2139 Fax 626.336.2634

Laucks Testing Laboratories, Inc.
 940 South Harney Street
 Seattle WA, 98108

Report ID: 7120577
 Project ID: [none]

Date Received: 12/04/07 13:30
 Date Reported: 12/13/07 16:55

EB-10-11/13/07 7120577-06 (Water)

Date Sampled: 11/13/07 09:30

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7L0375	12/06/07	12/06/07	hmc

FORMS SUMMARY

SDG JPL74

VOLATILES ANALYSIS

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-12-5

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL74

Run Sequence: R023500

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL74-001

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1116012.D

Level: (LOW/MED) _____

Date Collected: 11/13/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/16/2007 13:00

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: <u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-12-5

Lab Name: _____
 SDG No.: JPL74
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023500
 Lab Sample ID: JPL74-001
 Lab File ID: B1116012.D
 Date Collected: 11/13/2007
 Date/Time Analyzed: 11/16/2007 13:00
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: <u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-12-5

Lab Name: _____
 SDG No.: JPL74
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023500
 Lab Sample ID: JPL74-001
 Lab File ID: B1116012.D
 Date Collected: 11/13/2007
 Date/Time Analyzed: 11/16/2007 13:00
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-12-4

Lab Name: _____
 SDG No.: JPL74
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023500
 Lab Sample ID: JPL74-002
 Lab File ID: B1116013.D
 Date Collected: 11/13/2007
 Date/Time Analyzed: 11/16/2007 13:26
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: <u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.85	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	1.5	
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.46	J
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-12-4

Lab Name: _____
 SDG No.: JPL74
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023500
 Lab Sample ID: JPL74-002
 Lab File ID: B1116013.D
 Date Collected: 11/13/2007
 Date/Time Analyzed: 11/16/2007 13:26
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-12-4

Lab Name: _____
 SDG No.: JPL74
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023500
 Lab Sample ID: JPL74-002
 Lab File ID: B1116013.D
 Date Collected: 11/13/2007
 Date/Time Analyzed: 11/16/2007 13:26
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-12-3

Lab Name: _____
 SDG No.: JPL74
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023500
 Lab Sample ID: JPL74-003
 Lab File ID: B1116014.D
 Date Collected: 11/13/2007
 Date/Time Analyzed: 11/16/2007 13:52
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	4.1	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	3.9	
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.70	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-12-3

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL74

Run Sequence: R023500

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL74-003

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1116014.D

Level: (LOW/MED) _____

Date Collected: 11/13/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/16/2007 13:52

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: <u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-12-3

Lab Name: _____
 SDG No.: JPL74
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023500
 Lab Sample ID: JPL74-003
 Lab File ID: B1116014.D
 Date Collected: 11/13/2007
 Date/Time Analyzed: 11/16/2007 13:52
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-12-2

Lab Name: _____
 SDG No.: JPL74
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023500
 Lab Sample ID: JPL74-004
 Lab File ID: B1116015.D
 Date Collected: 11/13/2007
 Date/Time Analyzed: 11/16/2007 14:17
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: <u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.47	J
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-12-2

Lab Name: _____
 SDG No.: JPL74
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023500
 Lab Sample ID: JPL74-004
 Lab File ID: B1116015.D
 Date Collected: 11/13/2007
 Date/Time Analyzed: 11/16/2007 14:17
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-12-2

Lab Name: _____
 SDG No.: JPL74
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023500
 Lab Sample ID: JPL74-004
 Lab File ID: B1116015.D
 Date Collected: 11/13/2007
 Date/Time Analyzed: 11/16/2007 14:17
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-12-1

Lab Name: _____
 SDG No.: JPL74
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023500
 Lab Sample ID: JPL74-005
 Lab File ID: B1116016.D
 Date Collected: 11/13/2007
 Date/Time Analyzed: 11/16/2007 14:43
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-12-1

Lab Name: _____ Contract: JPL Groundwater Monitorin

SDG No.: JPL74 Run Sequence: R023500

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL74-005

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: B1116016.D

Level: (LOW/MED) _____ Date Collected: 11/13/2007

% Moisture: not dec. _____ Date/Time Analyzed: 11/16/2007 14:43

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-12-1

Lab Name: _____
 SDG No.: JPL74
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023500
 Lab Sample ID: JPL74-005
 Lab File ID: B1116016.D
 Date Collected: 11/13/2007
 Date/Time Analyzed: 11/16/2007 14:43
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-10-11/13/07

Lab Name: _____ Contract: JPL Groundwater Monitorin

SDG No.: JPL74 Run Sequence: R023500

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL74-006

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: B1116017.D

Level: (LOW/MED) _____ Date Collected: 11/13/2007

% Moisture: not dec. _____ Date/Time Analyzed: 11/16/2007 15:08

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-10-11/13/07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL74

Run Sequence: R023500

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL74-006

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1116017.D

Level: (LOW/MED) _____

Date Collected: 11/13/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/16/2007 15:08

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-10-11/13/07

Lab Name: _____ Contract: JPL Groundwater Monitorin

SDG No.: JPL74 Run Sequence: R023500

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL74-006

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: B1116017.D

Level: (LOW/MED) _____ Date Collected: 11/13/2007

% Moisture: not dec. _____ Date/Time Analyzed: 11/16/2007 15:08

GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-8-11/13/07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL74

Run Sequence: R023500

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL74-007

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1116010.D

Level: (LOW/MED) _____

Date Collected: 11/13/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/16/2007 12:09

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-8-11/13/07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL74

Run Sequence: R023500

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL74-007

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1116010.D

Level: (LOW/MED) _____

Date Collected: 11/13/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/16/2007 12:09

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: <u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-8-11/13/07

Lab Name: _____
 SDG No.: JPL74
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023500
 Lab Sample ID: JPL74-007
 Lab File ID: B1116010.D
 Date Collected: 11/13/2007
 Date/Time Analyzed: 11/16/2007 12:09
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

FORMS SUMMARY

JPL74

Metals Data

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-12-5

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL74

Matrix (soil/water): Water

Lab Sample ID: JPL74-001

Level (low/med): LOW

Date Received: 11/14/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	9.35			M	R023563

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-12-4

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL74

Matrix (soil/water): Water

Lab Sample ID: JPL74-002

Level (low/med): LOW

Date Received: 11/14/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	10.2			M	R023563

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-12-3

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL74

Matrix (soil/water): Water

Lab Sample ID: JPL74-003

Level (low/med): LOW

Date Received: 11/14/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	8.01			M	R023563

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-12-2

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL74

Matrix (soil/water): Water

Lab Sample ID: JPL74-004

Level (low/med): LOW

Date Received: 11/14/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	9.49			M	R023563

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-12-1

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL74

Matrix (soil/water): Water

Lab Sample ID: JPL74-005

Level (low/med): LOW

Date Received: 11/14/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	10.2			M	R023563

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

EB-10-11/13/07

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL74

Matrix (soil/water): Water

Lab Sample ID: JPL74-006

Level (low/med): LOW

Date Received: 11/14/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.63			M	R023563

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

LAUCKS TESTING LABORATORIES

SAMPLE DATA PACKAGE

BATTELLE

SDG NO.: JPL75

December 26, 2007

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

To: Battelle
Project Name: JPL Groundwater
SDG No.: JPL75
Date of Report: December 26, 2007

SAMPLE RECEIPT, IDENTIFICATION, AND GENERAL COMMENTS:

Sample Receipt and Identification:

The samples submitted under the laboratory number(s) indicated above were identified and analyzed as tabulated below. The samples were collected and received on the dates noted on the enclosed chain-of-custody copies, Attachment A.

<u>Client Sample Identification</u>	<u>Laucks Sample Identification</u>	<u>Testing Analytical Request</u>
MW-11-5	JPL75-001	VOA/MET/PER
MW-11-4	JPL75-002	VOA/MET/PER
MW-11-3	JPL75-003	VOA/MET/PER
MW-11-2	JPL75-004	VOA/MET/PER
MW-11-1	JPL75-005	VOA/MET/PER/INO
DUPE-2-4Q07	JPL75-006	VOA/MET/PER
EB-11-11/14/07	JPL75-007	VOA/MET/PER
TB-9-11/14/07	JPL75-008	VOA

Analytical Request Key:

VOA = Volatiles (524.2)
MET = Chromium (200.8)
INO = Chloride, Sulfate (300.0)
Nitrate, Nitrate + Nitrite (353.2)
Nitrite (354.1)
Ortho phosphorus (365.2)
PER = Perchlorate (314.0) Subcontracted to Weck Laboratories

Sample Receipt Comments:

The following discrepancies were noted in association with the receipt of these samples.
Three of three volatiles bottles submitted for MW-11-5 contained bubbles of less than 1/4 inch in size.
Three of three volatiles bottles submitted for MW-11-4 contained bubbles of less than 1/4 inch in size.
Three of three volatiles bottles submitted for MW-11-3 contained bubbles of less than 1/4 inch in size.
Three of three volatiles bottles submitted for MW-11-1 contained bubbles of less than 1/4 inch in size.
Three of three volatiles bottles submitted for EB-11-11/14/07 contained bubbles of less than 1/4 inch in size.
One of three volatiles bottles submitted for MW-11-2 contained bubbles of less than 1/4 inch in size.

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

size. One of three volatiles bottles submitted for DUPE-2-4Q07 contained bubbles of less than 1/4 inch in size.

GENERAL REMARKS ON ORGANIC ANALYSES:

The following comments describe general analysis conditions. For remarks specific to the samples reported in this case, see "SPECIFIC REMARKS ON ORGANIC ANALYSIS."

Manual Integrations:

One or more analytes may have been manually integrated on the data system quantitation reports. All manual integrations have been flagged, initialed, and dated by the analyst. A list of the manual integration flags is detailed below.

M	Manual integration due to irregular peak shape
MS	Manual integration due to split peak
MR	Manual integration due to retention time shift
MI	Manual integration of correct isomer
MT	Manual integration due to peak tailing
MB	Manual integration due to irregular baseline

Holding Time Compliance:

Volatile Organic Compounds:

The holding time is 14 days calculated from the date of collection in both soil and water samples. All samples were analyzed within holding times.

Volatiles Fraction:

All quality control parameters were met.

GENERAL REMARKS ON INORGANIC ANALYSES:

The following comments describe general analysis conditions. For remarks specific to the samples reported in this case, see "SPECIFIC REMARKS ON INORGANIC ANALYSES."

ICP Metals:

On the first timed and dated page of each ICP-MS run, the data to be reported or rejected will be tabulated for that run.

SPECIFIC REMARKS ON INORGANIC ANALYSES:

Holding Time Compliance:

Laucks calculates holding time compliance for inorganic determinations using the date on which reportable data were acquired.

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

Metals:

The holding time for metals is six months from the date of collection, excepting mercury, which is 28 days. All analyses were performed within holding time.

Miscellaneous:

The following analytes do not have a Contract Laboratory Program holding time. The holding times tabulated below derive from the relevant EPA methods and are applicable when the sample was appropriately preserved and/or cooled. All samples submitted followed the preservation guidelines unless explicitly noted otherwise.

<u>Analyte</u>	<u>Holding Time</u>	<u>Violations</u>
Chloride	28 days	None
Sulfate	28 days	None
Nitrate	48 hours	None
Nitrite	48 hours	None
Ortho phosphorus	48 hours	None
Nitrate + Nitrite	28 days	None

ICP-MS Metals:

Sample EB-11-11/14/07 has a chromium result of 2.09 ug/L which is above the PQL of 1.0 ug/L. Laucks recognizes that for this client project, samples beginning with "EB-" may be client equipment blanks. Sample EB-11-11/14/07 was then re-analyzed and the chromium result was comparable to the original data. The client action level for chromium is 10 ug/L. Sample EB-11-11/14/07 had a concentration of chromium that was less than ½ the client action level and could be subject to a slightly high bias. The original chromium result for sample EB-11-11/14/07 was reported as is. No further corrective action was taken. Data have not been flagged for this event.

Miscellaneous Inorganics:

No comments.

LAUCKS TESTING LABORATORIES

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Seattle, WA 98108

ABBREVIATIONS

Several abbreviations can appear in our reports. The most commonly employed abbreviations are as follows:

- U The analyte of interest was not detected to the limit of detection indicated.
- SDL Sample Detection Limit. The SDL can vary from sample to sample, depending on sample size, matrix interferences, moisture content and other sample-specific conditions.
- PQL Practical Quantitation Limit. The limit is drawn from the test method and usually represents the SDL multiplied by a matrix-specific factor.
- DB Dry Basis. The value reported has been back-calculated to normalize for the moisture content of the sample.
- AR As-Received. The value has not been normalized for moisture.

ORGANIC ANALYSES:

- B When used in relation to organics fractions, the "B" flag indicates that the analyte of interest was detected in the method blank associated with the sample, as well as in the sample itself. The "B" flag is applied without regard to the relative concentrations detected in the blank and sample.
 - J The analyte of interest was detected below the routine reporting limit. This value should be regarded as an estimate.
 - T The flagged values represent the SUM of two co-eluting compounds. The SUM of these two values is shown as though it were a result for each of them. The two figures should not be added together.
 - E The flagged value was reported from an analysis that exceeded the linear range of the instrument. See additional comments for further discussion of the circumstances. Values so flagged should be considered estimates.
 - P When a dual column GC technique is employed, this flag indicates that test results from the two columns differ by more than 25%. Generally, we report the higher value.
 - C The flagged analyte has been confirmed by GC/MS analysis. The value reported may be derived from either the initial or confirmatory (GC/MS) analysis. See specific report comments for details.
 - ~ This result has been identified as non-primary based on the analyst's professional judgment.
- CRQL Client requested Quantitation Limit, usually the limit of detection specified at your request. Might also be referred to as Contract Required Quantitation Limit.

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INORGANIC ANALYSES:

- J The reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL). If the analyte was analyzed for but not detected, a "U" shall be entered.
 - E The reported value is estimated because of the presence of interference. The serial dilution was not within control limits.
 - N Spiked sample recovery not within control limits.
 - * Duplicate analysis not within control limits.
- CRDL Client Requested Detection Limit, usually the limit of detection specified at your request. Might also be referred to as Contract Required Detection Limit.

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Seattle, WA 98108

RELEASE OF DATA

Laucks certifies that these results meet all requirements of the NELAC standards, except where otherwise noted.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."

Respectfully submitted,


Kara Godineaux
Project Manager

12/26/07
(DATE)


Harry Romberg
Quality Assurance Officer

12/26/07
(DATE)

HOW TO CONTACT US:

All Laucks Testing Laboratories staff members can be reached at the same telephone and facsimile numbers: (206) 767-5060 by phone, (206) 767-5063 by FAX.

REQUESTS FOR DUPLICATE COPIES:

This packet has been checked for accuracy. All pages are present and in sequential order. Please see Attachment B for a detailed record.

In the event that duplicate data copies are needed, Laucks will accommodate your request at a fee of twenty-five cents (\$0.25) per copy, plus shipping. If the data are in storage, there will also be a fee for retrieval.

LAUCKS TESTING LABORATORIES

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Seattle, WA 98108

ATTACHMENT A

Chain-of-Custody Copies

LAUCKS TESTING LABORATORIES, INC. - SAMPLE CONFIRMATION LOG

Sample ID (SDG-#)	VTSR	Collected On	Client ID	200.8 Total Cr	300 Anions Cl and SO4	314.0 Perchlorate	353.2 Nitrate (as N) by Calc., water	353.2 Nitrate + Nitrite (as N), Water	354.1 Nitrite (as N), Water	365.2 Ortho-Phosphorus as P, Water	524.2 Volatile Organics + TICs (JPL Special list)	TurMet 10 ⁹ 200.7/200.8 TurMet
JPL75-001	11/15/2007 08:40 AM	11/14/2007 08:15 AM	MW-11-5	IN		IN					IN	IN
*JPL75-002	11/15/2007 08:40 AM	11/14/2007 09:02 AM	MW-11-4	IN		IN					IN	IN
JPL75-003	11/15/2007 08:40 AM	11/14/2007 09:32 AM	MW-11-3	IN		IN					IN	IN
JPL75-004	11/15/2007 08:40 AM	11/14/2007 10:00 AM	MW-11-2	IN		IN					IN	IN
JPL75-005	11/15/2007 08:40 AM	11/14/2007 11:05 AM	MW-11-1	IN	IN	IN	IN	IN	IN	IN	IN	IN
JPL75-006	11/15/2007 08:40 AM	11/14/2007 12:00 AM	DUPE-2-4007	IN		IN					IN	IN
JPL75-007	11/15/2007 08:40 AM	11/14/2007 10:15 AM	EB-11-11/14/07	IN		IN					IN	IN
JPL75-008	11/15/2007 08:40 AM	11/14/2007 12:00 AM	TB-9-11/14/07								IN	

Approved By: _____ On: _____

Notes: _____

Samples identified with a '*' client has requested QC for _____

LEGEND: -:Started, +:Completed, IN:Logged In, P:Preparation, A:Analysis, X:Cancelled, PL:Pre-logged

FORM LTL-PM-8.0

5054

CHAIN OF CUSTODY RECORD

44203

SDG # TP-25
PAGE 1 OF 1



10

WORK ORDER ID#

SUBMITTED AT:

960 South Henry St., Seattle, WA 98108 (206) 767-5000 FAX 767-5063
1100 Eastlake Ave., Yakima, WA 98902 (509) 245-4695 FAX 452-1265

TESTS TO PERFORM

MATRIX: WATER, SOIL OR SPECIFY
NO. OF CONTAINERS
VOC's (524.2)
TOTAL (6)
ClO4- (200.8)
Cl- (314.0)
NO3- (150.0)
NITRATE (0-400.0)

THIS INFORMATION WILL BE USED FOR REPORTING/BILLING (SEE BELOW)

COMPANY: BATTLEUE

ADDRESS: 3490 OLD TOWN AVE., LEWIS
SAW OREGON, CA 92110

ATTENTION: DAVID LOWERY

PROJECT NAME: TRIL GW MON. 4057

PROJECT CONTACT: DAVID LOWERY

TELEPHONE: 619-726-7311 FAX: _____

JOB/PO. NO.: 6486030 / 214319

LAB #	SAMPLE ID / LOCATION	DATE	TIME	W	S	X	X	X													
1	MW-11-5	11/14/07	915			X	X	X													
2	MW-11-4		902			X	X	X													
3	MW-11-3		932			X	X	X													
4	MW-11-2		1000			X	X	X													
5	MW-11-1		1105			X	X	X													
6	DUPE-2-4007					X	X	X													
7	EB-11-11/114/07		1015			X	X	X													
8	TR-9-11/14/07					X	X	X													

A. A standard turnaround time is assumed unless otherwise marked.

B. The laboratory may not be responsible for missed holding time for samples received with less than 50% of the analytical hold time remaining. Please contact the laboratory for further information.

INSTRUCTIONS

1. USE ONE LINE PER SAMPLE
2. BE SPECIFIC IN TEST REQUESTS
3. CHECK OFF TESTS TO BE PERFORMED FOR EACH SAMPLE

BILLING INFORMATION (DIFFERENT THAN ABOVE)

NAME: BATTLEUE ADDRESS: 505 KING AVE

ATTN: GENEALD TOMPKINS CITY, STATE, ZIP: COLUMBUS, OH 43201

RELINQUISHED BY (SIGN AND PRINT): Chase Beardon

RECEIVED BY (SIGN AND PRINT): Loisiah Wicks

* RUSH TURNAROUND IS SUBJECT TO PRIOR LABORATORY APPROVAL

DATE TIME	DATE TIME	DATE TIME
11/14/07 1300		11/15/07 0810

TURNAROUND REQUEST

STD. 10-14 WORKING DAYS

24-48 HRS. (100% SUR)

72 HRS. (75% SUR)

5 DAYS (50% SUR)

OTHER

TEMP.

CUSTODY SEAL: Y N N/A

OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS

LEVEL IV QC

ES

DUPLICATE

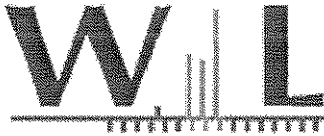
EDUP. BLANK TRIP BLANK

LAUCK'S TESTING LABORATORIES

**Perchlorate Data
(Subcontracted to Weck Laboratories, Inc.)**

BATTELLE

SDG.: JPL75



CERTIFICATE OF ANALYSIS

Client: Laucks Testing Laboratories, Inc. 940 South Harney Street Seattle, WA 98108 Attention: Kara Godineaux Phone: (206) 957-2422 Fax: (206) 767-5063	Report Date: 12/13/07 16:56 Received Date: 12/04/07 13:30 Turn Around: Normal Work Order #: 7120579
---	--

NELAP #04229CA ELAP#1132 NEVADA #CA211 HAWAII LACSD #10143

The results in this report apply to the samples analyzed in accordance with the Chain of Custody document. Weck Laboratories, Inc. certifies that the test results meet all NELAC requirements unless noted in the case narrative. This analytical report is confidential and is only intended for the use of Weck Laboratories, Inc. and its client. This report contains the Chain of Custody document, which is an integral part of it, and can only be reproduced in full with the authorization of Weck Laboratories, Inc.

Dear Kara Godineaux :

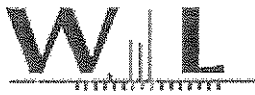
Enclosed are the results of analyses for samples received 12/04/07 13:30 with the Chain of Custody document. The samples were received in good condition. The samples were received at 3.6 °C and on ice. All analysis met the method criteria except as noted below or in the report with data qualifiers.

Reviewed by:

Kim G Tu

Project Manager





Weck Laboratories, Inc.
14859 E. Clark Ave.
Industry, CA 91745
Phone 626.336.2139 Fax 626.336.2634

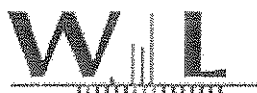
Laucks Testing Laboratories, Inc.
940 South Harney Street
Seattle WA, 98108

Report ID: 7120579
Project ID: [none]

Date Received: 12/04/07 13:30
Date Reported: 12/26/07 10:36

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Sampled by:	Sample Comments	Laboratory	Matrix	Date Sampled
MW-11-5	Client	JPL75-001	7120579-01	Water	11/14/07 08:15
MW-11-4	Client	JPL75-002	7120579-02	Water	11/14/07 09:02
MW-11-3	Client	JPL75-003	7120579-03	Water	11/14/07 09:32
MW-11-2	Client	JPL75-004	7120579-04	Water	11/14/07 10:00
MW-11-1	Client	JPL75-005	7120579-05	Water	11/14/07 11:05
DUPE-2-4Q07	Client	JPL75-006	7120579-06	Water	11/14/07 00:00
EB-11-11/14/07	Client	JPL75-007	7120579-07	Water	11/14/07 10:15



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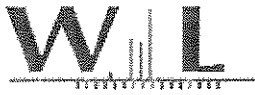
Laucks Testing Laboratories, Inc. 940 South Harney Street Seattle WA, 98108	Report ID: 7120579 Project ID: [none]	Date Received: 12/04/07 13:30 Date Reported: 12/13/07 16:56
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MW-11-5 7120579-01 (Water)

Date Sampled: 11/14/07 08:15

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7L0375	12/06/07	12/06/07	hmc



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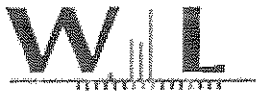
Laucks Testing Laboratories, Inc. 940 South Harney Street Seattle WA, 98108	Report ID: 7120579 Project ID: [none]	Date Received: 12/04/07 13:30 Date Reported: 12/13/07 16:56
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MW-11-4 7120579-02 (Water)

Date Sampled: 11/14/07 09:02

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7L0375	12/06/07	12/06/07	hmc



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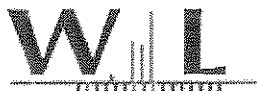
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MW-11-3 7120579-03 (Water)

Date Sampled: 11/14/07 09:32

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7L0375	12/06/07	12/06/07	hmc



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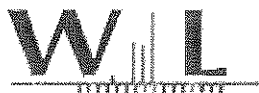
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MW-11-2 7120579-04 (Water)

Date Sampled: 11/14/07 10:00

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	2.0	ug/l	2.0	1	EPA 314.0	W7L0375	12/06/07	12/06/07	hmc



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Laucks Testing Laboratories, Inc.
940 South Harney Street
Seattle WA, 98108

Report ID: 7120579
Project ID: [none]

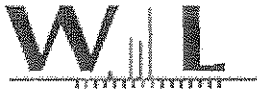
Date Received: 12/04/07 13:30
Date Reported: 12/13/07 16:56

MW-11-1 7120579-05 (Water)

Date Sampled: 11/14/07 11:05

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7L0375	12/06/07	12/06/07	hmc



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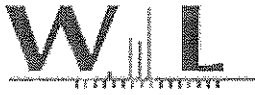
Laucks Testing Laboratories, Inc. 940 South Harney Street Seattle WA, 98108	Report ID: 7120579 Project ID: [none]	Date Received: 12/04/07 13:30 Date Reported: 12/13/07 16:56
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DUPE-2-4Q07 7120579-06 (Water)

Date Sampled: 11/14/07 00:00

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7L0375	12/06/07	12/06/07	hmc



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 Phone 626.336.2139 Fax 626.336.2634

Laucks Testing Laboratories, Inc. 940 South Harney Street Seattle WA, 98108	Report ID: 7120579 Project ID: [none]	Date Received: 12/04/07 13:30 Date Reported: 12/13/07 16:56
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EB-11-11/14/07 7120579-07 (Water)

Date Sampled: 11/14/07 10:15

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7L0375	12/06/07	12/06/07	hmc

FORMS SUMMARY

SDG JPL75

VOLATILES ANALYSIS

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-11-5

Lab Name: _____
 SDG No.: JPL75
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023500
 Lab Sample ID: JPL75-001
 Lab File ID: B1116018.D
 Date Collected: 11/14/2007
 Date/Time Analyzed: 11/16/2007 15:34
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-11-5

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL75

Run Sequence: R023500

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL75-001

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B116018.D

Level: (LOW/MED) _____

Date Collected: 11/14/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/16/2007 15:34

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,1,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-11-5

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL75

Run Sequence: R023500

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL75-001

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1116018.D

Level: (LOW/MED) _____

Date Collected: 11/14/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/16/2007 15:34

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-11-4

Lab Name: _____
 SDG No.: JPL75
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023500
 Lab Sample ID: JPL75-002
 Lab File ID: B116019.D
 Date Collected: 11/14/2007
 Date/Time Analyzed: 11/16/2007 16:00
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-11-4

Lab Name: _____
 SDG No.: JPL75
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023500
 Lab Sample ID: JPL75-002
 Lab File ID: B1116019.D
 Date Collected: 11/14/2007
 Date/Time Analyzed: 11/16/2007 16:00
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-11-4

Lab Name: _____
 SDG No.: JPL75
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023500
 Lab Sample ID: JPL75-002
 Lab File ID: B1116019.D
 Date Collected: 11/14/2007
 Date/Time Analyzed: 11/16/2007 16:00
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-11-3

Lab Name: _____
 SDG No.: JPL75
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023500
 Lab Sample ID: JPL75-003
 Lab File ID: B1116020.D
 Date Collected: 11/14/2007
 Date/Time Analyzed: 11/16/2007 16:26
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-11-3

Lab Name: _____
 SDG No.: JPL75
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023500
 Lab Sample ID: JPL75-003
 Lab File ID: B116020.D
 Date Collected: 11/14/2007
 Date/Time Analyzed: 11/16/2007 16:26
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-11-3

Lab Name: _____
 SDG No.: JPL75
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023500
 Lab Sample ID: JPL75-003
 Lab File ID: B1116020.D
 Date Collected: 11/14/2007
 Date/Time Analyzed: 11/16/2007 16:26
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-11-2

Lab Name: _____
 SDG No.: JPL75
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023500
 Lab Sample ID: JPL75-004
 Lab File ID: B116021.D
 Date Collected: 11/14/2007
 Date/Time Analyzed: 11/16/2007 16:51
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-11-2

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL75

Run Sequence: R023500

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL75-004

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1116021.D

Level: (LOW/MED) _____

Date Collected: 11/14/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/16/2007 16:51

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-11-2

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL75

Run Sequence: R023500

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL75-004

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1116021.D

Level: (LOW/MED) _____

Date Collected: 11/14/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/16/2007 16:51

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-11-1

Lab Name: _____
 SDG No.: JPL75
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023500
 Lab Sample ID: JPL75-005
 Lab File ID: B1116022.D
 Date Collected: 11/14/2007
 Date/Time Analyzed: 11/16/2007 17:17
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-11-1

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL75

Run Sequence: R023500

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL75-005

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1116022.D

Level: (LOW/MED) _____

Date Collected: 11/14/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/16/2007 17:17

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-11-1

Lab Name: _____
 SDG No.: JPL75
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023500
 Lab Sample ID: JPL75-005
 Lab File ID: B1116022.D
 Date Collected: 11/14/2007
 Date/Time Analyzed: 11/16/2007 17:17
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-2-4Q07

Lab Name: _____
 SDG No.: JPL75
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023500
 Lab Sample ID: JPL75-006
 Lab File ID: B1116023.D
 Date Collected: 11/14/2007
 Date/Time Analyzed: 11/16/2007 17:43
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-2-4Q07

Lab Name: _____
 SDG No.: JPL75
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023500
 Lab Sample ID: JPL75-006
 Lab File ID: B1116023.D
 Date Collected: 11/14/2007
 Date/Time Analyzed: 11/16/2007 17:43
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		<u>ug/L</u>	
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-2-4Q07

Lab Name: _____
 SDG No.: JPL75
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023500
 Lab Sample ID: JPL75-006
 Lab File ID: B1116023.D
 Date Collected: 11/14/2007
 Date/Time Analyzed: 11/16/2007 17:43
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-11-11/14/07

Lab Name: _____
 SDG No.: JPL75
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023500
 Lab Sample ID: JPL75-007
 Lab File ID: B1116024.D
 Date Collected: 11/14/2007
 Date/Time Analyzed: 11/16/2007 18:08
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-11-11/14/07

Lab Name: _____
 SDG No.: JPL75
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023500
 Lab Sample ID: JPL75-007
 Lab File ID: B1116024.D
 Date Collected: 11/14/2007
 Date/Time Analyzed: 11/16/2007 18:08
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		<u>ug/L</u>	
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-11-11/14/07

Lab Name: _____
 SDG No.: JPL75
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023500
 Lab Sample ID: JPL75-007
 Lab File ID: B1116024.D
 Date Collected: 11/14/2007
 Date/Time Analyzed: 11/16/2007 18:08
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-9-11/14/07

Lab Name: _____
 SDG No.: JPL75
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023500
 Lab Sample ID: JPL75-008
 Lab File ID: B1116011.D
 Date Collected: 11/14/2007
 Date/Time Analyzed: 11/16/2007 12:34
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-9-11/14/07

Lab Name: _____
 SDG No.: JPL75
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023500
 Lab Sample ID: JPL75-008
 Lab File ID: B1116011.D
 Date Collected: 11/14/2007
 Date/Time Analyzed: 11/16/2007 12:34
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-9-11/14/07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL75

Run Sequence: R023500

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL75-008

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1116011.D

Level: (LOW/MED) _____

Date Collected: 11/14/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/16/2007 12:34

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

FORMS SUMMARY

JPL75

Metals Data

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-11-5

Lab Name: Laucks LaboratoriesContract: JPL Groundwater MonitorinLab Code: LAUCKSSDG No.: JPL75Matrix (soil/water): WaterLab Sample ID: JPL75-001Level (low/med): LOWDate Received: 11/15/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.77			M	R023866

Color Before: Colorless Clarity Before: Clear Texture: _____Color After: Colorless Clarity After: Clear Artifacts: NoComment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-11-4

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL75

Matrix (soil/water): Water

Lab Sample ID: JPL75-002

Level (low/med): LOW

Date Received: 11/15/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	4.06			M	R023907

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-11-3

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL75

Matrix (soil/water): Water

Lab Sample ID: JPL75-003

Level (low/med): LOW

Date Received: 11/15/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	7.17			M	R023907

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-11-2

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL75

Matrix (soil/water): Water

Lab Sample ID: JPL75-004

Level (low/med): LOW

Date Received: 11/15/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	7.37			M	R023907

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-11-1

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL75

Matrix (soil/water): Water

Lab Sample ID: JPL75-005

Level (low/med): LOW

Date Received: 11/15/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	9.40			M	R023907

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

DUPE-2-4Q07

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL75

Matrix (soil/water): Water

Lab Sample ID: JPL75-006

Level (low/med): LOW

Date Received: 11/15/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	3.90			M	R023907

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

EB-11-11/14/07

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL75

Matrix (soil/water): Water

Lab Sample ID: JPL75-007

Level (low/med): LOW

Date Received: 11/15/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	2.09			M	R023907

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

FORMS SUMMARY

JPL75

Miscellaneous Inorganics

Laucks Testing Laboratories, Inc.

Final Results

Client: Battelle **Project:** JPL Groundwater Monitoring
SDG Number: JPL75
Sample Number: MW-11-1 **Date/Time Collected:** 11/14/2007 11:05
Lab Sample ID: JPL75-005 **Date/Time Received:** 11/15/2007 08:40
Method/Qbatch*: E300.0/24849 **Unit:** mg/L
Instrument: Ion Chromatograph (2) **File:** R023837\results.1.txt

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Sulfate	14808-79-8	10	46		10	1.7	11/30/2007	12/01/2007	R023837

Method/Qbatch*: E300.0/25077 **Unit:** mg/L
Instrument: Ion Chromatograph (2) **File:** R024053\results.1.txt

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Chloride	16887-00-6	10	23		10	0.76	12/06/2007	12/06/2007	R024053

Method/Qbatch*: E353.2/24782 **Unit:** mg/L
Instrument: Autoanalyzer (5) **File:** N/A

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Total Nitrate / Nitrite	N+N	1	1.3		0.050	0.016	11/29/2007	11/29/2007	R023762

Method/Qbatch*: E353.2/24847 **Unit:** mg/L
Instrument: None **File:** N/A

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Nitrate - N	14797-55-8	1	1.3		0.50	0.010	11/30/2007	11/29/2007	R023836

Method/Qbatch*: E354.1/24498 **Unit:** mg/L
Instrument: UV/Vis (Cary) **File:** N/A

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Nitrite - N	14797-65-0	1	0.0050	U	0.0050	0.0012	11/15/2007	11/15/2007	R023485

Method/Qbatch*: E365.2/24499 **Unit:** mg/L
Instrument: UV/Vis (Cary) **File:** N/A

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Phosphorus, Orthophosphate (as P)	7723-14-0	1	0.033		0.010	0.0025	11/15/2007	11/15/2007	R023486

LAUCKS TESTING LABORATORIES

SAMPLE DATA PACKAGE

BATTELLE

SDG NO.: JPL76

December 26, 2007

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

To: Battelle
Project Name: JPL Groundwater
SDG No.: JPL76
Date of Report: December 26, 2007

SAMPLE RECEIPT, IDENTIFICATION, AND GENERAL COMMENTS:

Sample Receipt and Identification:

The samples submitted under the laboratory number(s) indicated above were identified and analyzed as tabulated below. The samples were collected and received on the dates noted on the enclosed chain-of-custody copies, Attachment A.

<u>Client Sample Identification</u>	<u>Laucks Sample Identification</u>	<u>Testing Analytical Request</u>
MW-24-5	JPL76-001	VOA/MET/PER
MW-24-4	JPL76-002	VOA/MET/PER
MW-24-3	JPL76-003	VOA/MET/PER
MW-24-2	JPL76-004	VOA/MET/PER
MW-24-1	JPL76-005	VOA/MET/PER/INO
DUPE-3-4Q07	JPL76-006	VOA/MET/PER/INO
EB-12-11/15/07	JPL76-007	VOA/MET/PER
TB-10-11/15/07	JPL76-008	VOA

Analytical Request Key:

VOA = Volatiles (524.2)
MET = Chromium (200.8)
INO = Chloride, Sulfate (300.0)
Nitrate, Nitrate + Nitrite (353.2)
Nitrite (354.1)
Ortho phosphorus (365.2)
PER = Perchlorate (314.0) Subcontracted to Weck Laboratories

Sample Receipt Comments:

The following discrepancies were noted in association with the receipt of these samples.
One of three volatiles bottles submitted for EB-12-11/15/07 contained bubbles of greater than 1/4 inch in size.

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

GENERAL REMARKS ON ORGANIC ANALYSES:

The following comments describe general analysis conditions. For remarks specific to the samples reported in this case, see "SPECIFIC REMARKS ON ORGANIC ANALYSIS."

Manual Integrations:

One or more analytes may have been manually integrated on the data system quantitation reports. All manual integrations have been flagged, initialed, and dated by the analyst. A list of the manual integration flags is detailed below.

M	Manual integration due to irregular peak shape
MS	Manual integration due to split peak
MR	Manual integration due to retention time shift
MI	Manual integration of correct isomer
MT	Manual integration due to peak tailing
MB	Manual integration due to irregular baseline

Holding Time Compliance:

Volatile Organic Compounds:

The holding time is 14 days calculated from the date of collection in both soil and water samples. All samples were analyzed within holding times.

Volatiles Fraction:

Continuing Calibration Verification (CCV):

Analysis of the CCV performed on 11/19/2007 yielded a %D value for dichlorodifluoromethane that exceeded the control limit due to decreased response. However, because sample results were reported well below the reporting limit (RL) the chance of reporting any false negatives for this compound that recovered low at the RL was negligible. Additionally, this compound recovered within the control limits in the blank spike analysis indicating the out of control CCV was most likely due to solution degradation, not an instrument problem.

Method Blank

Analysis of the method blank performed on 11/19/2007 resulted in the detection of hexachlorobutadiene at a level less than one half the reporting limit. Because this analyte was not detected in the associated samples, no further action was taken.

Quality Control Analysis:

MS/MSD analyses could not be performed due to insufficient sample provided. All recoveries were within the control limits in the blank spike analysis.

GENERAL REMARKS ON INORGANIC ANALYSES:

The following comments describe general analysis conditions. For remarks specific to the samples reported in this case, see "SPECIFIC REMARKS ON INORGANIC ANALYSES."

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Seattle, WA 98108

ICP Metals:

On the first timed and dated page of each ICP-MS run, the data to be reported or rejected will be tabulated for that run.

SPECIFIC REMARKS ON INORGANIC ANALYSES:

Holding Time Compliance:

Laucks calculates holding time compliance for inorganic determinations using the date on which reportable data were acquired.

Metals:

The holding time for metals is six months from the date of collection, excepting mercury, which is 28 days. All analyses were performed within holding time.

Miscellaneous:

The following analytes do not have a Contract Laboratory Program holding time. The holding times tabulated below derive from the relevant EPA methods and are applicable when the sample was appropriately preserved and/or cooled. All samples submitted followed the preservation guidelines unless explicitly noted otherwise.

<u>Analyte</u>	<u>Holding Time</u>	<u>Violations</u>
Perchlorate	28 days	None
Chloride	28 days	None
Sulfate	28 days	None
Nitrate	48 hours	None
Nitrite	48 hours	None
Ortho phosphorus	48 hours	None
Nitrate + Nitrite	28 days	None

ICP-MS Metals:

Sample EB-12-11/15/07 has a chromium result of 1.32 ug/L which is above the PQL of 1.0 ug/L. Laucks recognizes that for this client project, samples beginning with "EB-" may be client equipment blanks. Sample EB-12-11/15/07 was then re-analyzed and the chromium result was comparable to the original data. The client action level for chromium is 10 ug/L. Sample EB-12-11/15/07 had a concentration of chromium that was less than ½ the client action level and could be subject to a slightly high bias. The original chromium result for sample EB-12-11/15/07 was reported as is. No further corrective action was taken. Data have not been flagged for this event.

Miscellaneous Inorganics:

No comments.

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ABBREVIATIONS

Several abbreviations can appear in our reports. The most commonly employed abbreviations are as follows:

- U The analyte of interest was not detected to the limit of detection indicated.
- SDL Sample Detection Limit. The SDL can vary from sample to sample, depending on sample size, matrix interferences, moisture content and other sample-specific conditions.
- PQL Practical Quantitation Limit. The limit is drawn from the test method and usually represents the SDL multiplied by a matrix-specific factor.
- DB Dry Basis. The value reported has been back-calculated to normalize for the moisture content of the sample.
- AR As-Received. The value has not been normalized for moisture.

ORGANIC ANALYSES:

- B When used in relation to organics fractions, the "B" flag indicates that the analyte of interest was detected in the method blank associated with the sample, as well as in the sample itself. The "B" flag is applied without regard to the relative concentrations detected in the blank and sample.
- J The analyte of interest was detected below the routine reporting limit. This value should be regarded as an estimate.
- T The flagged values represent the SUM of two co-eluting compounds. The SUM of these two values is shown as though it were a result for each of them. The two figures should not be added together.
- E The flagged value was reported from an analysis that exceeded the linear range of the instrument. See additional comments for further discussion of the circumstances. Values so flagged should be considered estimates.
- P When a dual column GC technique is employed, this flag indicates that test results from the two columns differ by more than 25%. Generally, we report the higher value.
- C The flagged analyte has been confirmed by GC/MS analysis. The value reported may be derived from either the initial or confirmatory (GC/MS) analysis. See specific report comments for details.
- ~ This result has been identified as non-primary based on the analyst's professional judgment.

CRQL Client requested Quantitation Limit, usually the limit of detection specified at your request. Might also be referred to as Contract Required Quantitation Limit.

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INORGANIC ANALYSES:

- J The reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL). If the analyte was analyzed for but not detected, a "U" shall be entered.
 - E The reported value is estimated because of the presence of interference. The serial dilution was not within control limits.
 - N Spiked sample recovery not within control limits.
 - * Duplicate analysis not within control limits.
- CRDL Client Requested Detection Limit, usually the limit of detection specified at your request. Might also be referred to as Contract Required Detection Limit.

LAUCKS TESTING LABORATORIES

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RELEASE OF DATA

Laucks certifies that these results meet all requirements of the NELAC standards, except where otherwise noted.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."

Respectfully submitted,



Kara Godineaux
Project Manager

12/26/07
(DATE)



Harry Romberg
Quality Assurance Officer

12/26/07
(DATE)

HOW TO CONTACT US:

All Laucks Testing Laboratories staff members can be reached at the same telephone and facsimile numbers: (206) 767-5060 by phone, (206) 767-5063 by FAX.

REQUESTS FOR DUPLICATE COPIES:

This packet has been checked for accuracy. All pages are present and in sequential order. Please see Attachment B for a detailed record.

In the event that duplicate data copies are needed, Laucks will accommodate your request at a fee of twenty-five cents (\$0.25) per copy, plus shipping. If the data are in storage, there will also be a fee for retrieval.

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

ATTACHMENT A

Chain-of-Custody Copies

LAUCKS TESTING LABORATORIES, INC. - SAMPLE CONFIRMATION LOG

Sample ID (SDG-#)	VTSR	Collected On	Client ID	200.8 Total Cr	300 Anions Cl and SO4	314.0 Perchlorate	353.2 Nitrate (as N) by Calc., water	353.2 Nitrate + Nitrite (as N), Water	354.1 Nitrite (as N), Water	365.2 Ortho-Phosphorus as P, Water	524.2 Volatile Organics + TICS (JPL Special list)	TurMet 200.7/200.8 TurMet
JPL76-001	11/16/2007 08:35 AM	11/15/2007 08:00 AM	MW-24-5	IN		IN					IN	IN
JPL76-002	11/16/2007 08:35 AM	11/15/2007 08:36 AM	MW-24-4	IN		IN					IN	IN
JPL76-003	11/16/2007 08:35 AM	11/15/2007 09:08 AM	MW-24-3	IN		IN					IN	IN
JPL76-004	11/16/2007 08:35 AM	11/15/2007 09:42 AM	MW-24-2	IN		IN					IN	IN
JPL76-005	11/16/2007 08:35 AM	11/15/2007 10:27 AM	MW-24-1	IN	IN	IN	IN	IN	A-	A-	IN	IN
JPL76-006	11/16/2007 08:35 AM	11/15/2007 12:00 AM	DUPE-3-4007	IN	IN	IN	IN	IN	A-	A-	IN	IN
JPL76-007	11/16/2007 08:35 AM	11/15/2007 10:08 AM	EB-12-11/15/07	IN		IN					IN	IN
JPL76-008	11/16/2007 08:35 AM	11/15/2007 12:00 AM	TB-10-11/15/07								IN	

Approved By: _____ On: _____
 Notes: _____

Samples identified with a '*' client has requested QC for

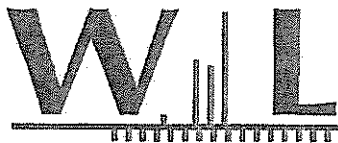
LEGEND: -:Started , +:Completed , IN:Logged In , P:Preparation , A:Analysis , X:Cancelled, PL:Pre-logged
FORM LTL-PM-8.0

LAUCK'S TESTING LABORATORIES

**Perchlorate Data
(Subcontracted to Weck Laboratories, Inc.)**

BATTELLE

SDG.: JPL76



14859 E. Clark Ave., Industry, CA 91745
Phone 626.336.2139 Fax 626.336.2634
info@wecklabs.com www.wecklabs.com

CERTIFICATE OF ANALYSIS

Client: Laucks Testing Laboratories, Inc.
940 South Harney Street
Seattle, WA 98108
Attention: Kara Godineaux

Report Date: 12/13/07 16:53
Received Date: 12/04/07 13:30
Turn Around: Normal

Work Order #: 7120580

Phone: (206) 957-2422
Fax: (206) 767-5063

NELAP #04229CA ELAP#1132 NEVADA #CA211 HAWAII LACSD #10143

The results in this report apply to the samples analyzed in accordance with the Chain of Custody document. Weck Laboratories, Inc. certifies that the test results meet all NELAC requirements unless noted in the case narrative. This analytical report is confidential and is only intended for the use of Weck Laboratories, Inc. and its client. This report contains the Chain of Custody document, which is an integral part of it, and can only be reproduced in full with the authorization of Weck Laboratories, Inc.

Dear Kara Godineaux :

Enclosed are the results of analyses for samples received 12/04/07 13:30 with the Chain of Custody document. The samples were received in good condition. The samples were received at 3.6 °C and on ice. All analysis met the method criteria except as noted below or in the report with data qualifiers.

Reviewed by:

Kim G Tu

Project Manager



Page 1 of 13





Weck Laboratories, Inc.
14859 E. Clark Ave.
Industry, CA 91745
Phone 626.336.2139 Fax 626.336.2634

Laucks Testing Laboratories, Inc.
940 South Harney Street
Seattle WA, 98108

Report ID: 7120580
Project ID: [none]

Date Received: 12/04/07 13:30
Date Reported: 12/26/07 10:39

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Sampled by:	Sample Comments	Laboratory	Matrix	Date Sampled
MW-24-5	Client	JPL76-001	7120580-01	Water	11/15/07 08:00
MW-24-4	Client	JPL76-002	7120580-02	Water	11/15/07 08:36
MW-24-3	Client	JPL76-003	7120580-03	Water	11/15/07 09:08
MW-24-2	Client	JPL76-004	7120580-04	Water	11/15/07 09:42
MW-24-1	Client	JPL76-005	7120580-05	Water	11/15/07 10:27
DUPE-3-4Q07	Client	JPL76-006	7120580-06	Water	11/15/07 00:00
EB-12-11/15/07	Client	JPL76-007	7120580-07	Water	11/15/07 10:08

Weck Laboratories, Inc
Kim G Tu, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



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 Industry, CA 91745
 Phone 626.336.2139 Fax 626.336.2634

Laucks Testing Laboratories, Inc.
 940 South Harney Street
 Seattle WA, 98108

Report ID: 7120580
 Project ID: [none]

Date Received: 12/04/07 13:30
 Date Reported: 12/13/07 16:53

MW-24-5 7120580-01 (Water)

Date Sampled: 11/15/07 08:00

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7L0375	12/06/07	12/06/07	hmc

Weck Laboratories, Inc
 Kim G Tu, Project Manager

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940 South Harney Street
Seattle WA, 98108

Report ID: 7120580
Project ID: [none]

Date Received: 12/04/07 13:30
Date Reported: 12/13/07 16:53

MW-24-4 7120580-02 (Water)

Date Sampled: 11/15/07 08:36

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7L0375	12/06/07	12/06/07	hmc

Weck Laboratories, Inc
Kim G Tu, Project Manager

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940 South Harney Street
Seattle WA, 98108

Report ID: 7120580

Project ID: [none]

Date Received: 12/04/07 13:30

Date Reported: 12/13/07 16:53

MW-24-3 7120580-03 (Water)

Date Sampled: 11/15/07 09:08

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7L0375	12/06/07	12/06/07	hmc

Weck Laboratories, Inc
Kim G Tu, Project Manager

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Seattle WA, 98108

Report ID: 7120580
Project ID: [none]

Date Received: 12/04/07 13:30
Date Reported: 12/13/07 16:53

MW-24-2 7120580-04 (Water)

Date Sampled: 11/15/07 09:42

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	36	ug/l	2.0	1	EPA 314.0	W7L0376	12/06/07	12/06/07	hmk

Weck Laboratories, Inc
Kim G Tu, Project Manager

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 Industry, CA 91745
 Phone 626.336.2139 Fax 626.336.2634

Laucks Testing Laboratories, Inc.
 940 South Harney Street
 Seattle WA, 98108

Report ID: 7120580
 Project ID: [none]

Date Received: 12/04/07 13:30
 Date Reported: 12/13/07 16:53

MW-24-1 7120580-05 (Water)

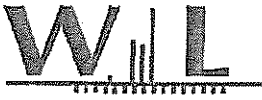
Date Sampled: 11/15/07 10:27

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	81	ug/l	4.0	2	EPA 314.0	W7L0470	12/07/07	12/07/07	hmc

Weck Laboratories, Inc
 Kim G Tu, Project Manager

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 Industry, CA 91745
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 940 South Harney Street
 Seattle WA, 98108

Report ID: 7120580
 Project ID: [none]

Date Received: 12/04/07 13:30
 Date Reported: 12/13/07 16:53

DUPE-3-4Q07 7120580-06 (Water)

Date Sampled: 11/15/07 00:00

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	78	ug/l	4.0	2	EPA 314.0	W7L0470	12/07/07	12/07/07	hmk



Weck Laboratories, Inc.
14859 E. Clark Ave.
Industry, CA 91745
Phone 626.336.2139 Fax 626.336.2634

Laucks Testing Laboratories, Inc.
940 South Harney Street
Seattle WA, 98108

Report ID: 7120580
Project ID: [none]

Date Received: 12/04/07 13:30
Date Reported: 12/13/07 16:53

EB-12-11/15/07 7120580-07 (Water)

Date Sampled: 11/15/07 10:08

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7L0376	12/06/07	12/06/07	hmc

Weck Laboratories, Inc
Kim G Tu, Project Manager

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

FORM SUMMARY

SDG # JPL76

Volatiles Analysis

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-24-5

Lab Name: _____
 SDG No.: JPL76
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023569
 Lab Sample ID: JPL76-001
 Lab File ID: B119013.D
 Date Collected: 11/15/2007
 Date/Time Analyzed: 11/19/2007 13:20
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-24-5

Lab Name: _____
 SDG No.: JPL76
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023569
 Lab Sample ID: JPL76-001
 Lab File ID: B1119013.D
 Date Collected: 11/15/2007
 Date/Time Analyzed: 11/19/2007 13:20
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-24-5

Lab Name: _____
 SDG No.: JPL76
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023569
 Lab Sample ID: JPL76-001
 Lab File ID: B1119013.D
 Date Collected: 11/15/2007
 Date/Time Analyzed: 11/19/2007 13:20
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-24-4

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL76

Run Sequence: R023569

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL76-002

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1119014.D

Level: (LOW/MED) _____

Date Collected: 11/15/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/19/2007 13:45

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-24-4

Lab Name: _____
 SDG No.: JPL76
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023569
 Lab Sample ID: JPL76-002
 Lab File ID: B119014.D
 Date Collected: 11/15/2007
 Date/Time Analyzed: 11/19/2007 13:45
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: <u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-24-4

Lab Name: _____
 SDG No.: JPL76
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023569
 Lab Sample ID: JPL76-002
 Lab File ID: B1119014.D
 Date Collected: 11/15/2007
 Date/Time Analyzed: 11/19/2007 13:45
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-24-3

Lab Name: _____
 SDG No.: JPL76
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023569
 Lab Sample ID: JPL76-003
 Lab File ID: B1119015.D
 Date Collected: 11/15/2007
 Date/Time Analyzed: 11/19/2007 14:11
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-24-3

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL76

Run Sequence: R023569

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL76-003

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B119015.D

Level: (LOW/MED) _____

Date Collected: 11/15/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/19/2007 14:11

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		<u>ug/L</u>	
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-24-3

Lab Name: _____
 SDG No.: JPL76
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023569
 Lab Sample ID: JPL76-003
 Lab File ID: B1119015.D
 Date Collected: 11/15/2007
 Date/Time Analyzed: 11/19/2007 14:11
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-24-2

Lab Name: _____
 SDG No.: JPL76
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023569
 Lab Sample ID: JPL76-004
 Lab File ID: B1119016.D
 Date Collected: 11/15/2007
 Date/Time Analyzed: 11/19/2007 14:36
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.63	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	1.1	
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.29	J
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-24-2

Lab Name: _____
 SDG No.: JPL76
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023569
 Lab Sample ID: JPL76-004
 Lab File ID: B119016.D
 Date Collected: 11/15/2007
 Date/Time Analyzed: 11/19/2007 14:36
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		<u>ug/L</u>	
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-24-2

Lab Name: _____
 SDG No.: JPL76
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023569
 Lab Sample ID: JPL76-004
 Lab File ID: B1119016.D
 Date Collected: 11/15/2007
 Date/Time Analyzed: 11/19/2007 14:36
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-24-1

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL76

Run Sequence: R023569

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL76-005

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B119017.D

Level: (LOW/MED) _____

Date Collected: 11/15/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/19/2007 15:01

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	1.4	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.32	J
75-27-4	Bromodichloromethane	2.9	
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-24-1

Lab Name: _____
 SDG No.: JPL76
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023569
 Lab Sample ID: JPL76-005
 Lab File ID: B1119017.D
 Date Collected: 11/15/2007
 Date/Time Analyzed: 11/19/2007 15:01
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	3.5	
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	2.5	
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-24-1

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL76

Run Sequence: R023569

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL76-005

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1119017.D

Level: (LOW/MED) _____

Date Collected: 11/15/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/19/2007 15:01

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-3-4Q07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL76

Run Sequence: R023569

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL76-006

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B119018.D

Level: (LOW/MED) _____

Date Collected: 11/15/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/19/2007 15:26

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		<u>ug/L</u>	
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	1.7	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.27	J
75-27-4	Bromodichloromethane	3.4	
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-3-4Q07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL76

Run Sequence: R023569

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL76-006

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1119018.D

Level: (LOW/MED) _____

Date Collected: 11/15/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/19/2007 15:26

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: <u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	4.1	
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	2.7	
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-3-4Q07

Lab Name: _____
 SDG No.: JPL76
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023569
 Lab Sample ID: JPL76-006
 Lab File ID: B1119018.D
 Date Collected: 11/15/2007
 Date/Time Analyzed: 11/19/2007 15:26
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-12-11/15/07

Lab Name: _____
 SDG No.: JPL76
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023569
 Lab Sample ID: JPL76-007
 Lab File ID: B1119019.D
 Date Collected: 11/15/2007
 Date/Time Analyzed: 11/19/2007 15:51
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-12-11/15/07

Lab Name: _____
 SDG No.: JPL76
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023569
 Lab Sample ID: JPL76-007
 Lab File ID: B1119019.D
 Date Collected: 11/15/2007
 Date/Time Analyzed: 11/19/2007 15:51
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-12-11/15/07

Lab Name: _____
 SDG No.: JPL76
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023569
 Lab Sample ID: JPL76-007
 Lab File ID: B1119019.D
 Date Collected: 11/15/2007
 Date/Time Analyzed: 11/19/2007 15:51
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-10-11/15/07

Lab Name: _____
 SDG No.: JPL76
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023569
 Lab Sample ID: JPL76-008
 Lab File ID: B1119012.D
 Date Collected: 11/15/2007
 Date/Time Analyzed: 11/19/2007 12:54
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		ug/L	
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-10-11/15/07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL76

Run Sequence: R023569

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL76-008

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B119012.D

Level: (LOW/MED) _____

Date Collected: 11/15/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/19/2007 12:54

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-10-11/15/07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL76

Run Sequence: R023569

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL76-008

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1119012.D

Level: (LOW/MED) _____

Date Collected: 11/15/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/19/2007 12:54

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

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 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-24-5

Lab Name: Laucks Testing Laboratories, Inc
 SDG No.: JPL76
 Matrix: (SOIL/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Number TICs Found: 0

Contract: JPL Groundwater Monitorin
 Run Sequence: R023569
 Lab Sample ID: JPL76-001
 Lab File ID: B1119013.D
 Date Collected: 11/15/2007
 Date Analyzed: 11/19/2007
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)
 CONCENTRATION UNITS:
ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01				
02				
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Comments:

1 TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-24-4

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL76

Run Sequence: R023569

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL76-002

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B119014.D

Level: (LOW/MED) _____

Date Collected: 11/15/2007

% Moisture: not dec. _____

Date Analyzed: 11/19/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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02				
03				
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Comments:

1 TIC
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-24-3

Lab Name: Laucks Testing Laboratories, Inc
 SDG No.: JPL76
 Matrix: (SOIL/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Number TICs Found: 0

Contract: JPL Groundwater Monitorin
 Run Sequence: R023569
 Lab Sample ID: JPL76-003
 Lab File ID: B1119015.D
 Date Collected: 11/15/2007
 Date Analyzed: 11/19/2007
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)
 CONCENTRATION UNITS:
ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01				
02				
03				
04				
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Comments:

1 TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-24-2

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL76

Run Sequence: R023569

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL76-004

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1119016.D

Level: (LOW/MED) _____

Date Collected: 11/15/2007

% Moisture: not dec. _____

Date Analyzed: 11/19/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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Comments:

1 TIC
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-24-1

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL76

Run Sequence: R023569

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL76-005

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1119017.D

Level: (LOW/MED) _____

Date Collected: 11/15/2007

% Moisture: not dec. _____

Date Analyzed: 11/19/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01				
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03				
04				
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Comments:

1 TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

DUPE-3-4Q07

Lab Name: Laucks Testing Laboratories, Inc
 SDG No.: JPL76
 Matrix: (SOIL/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Number TICs Found: 0

Contract: JPL Groundwater Monitorin
 Run Sequence: R023569
 Lab Sample ID: JPL76-006
 Lab File ID: B1119018.D
 Date Collected: 11/15/2007
 Date Analyzed: 11/19/2007
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)
 CONCENTRATION UNITS:
ug/L

01	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
02					
03					
04					
05					
06					
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Comments:

1 TIC
 VOLATILE ORGANICS ANALYSIS DATA SHEET
 TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

EB-12-11/15/07

Lab Name: Laucks Testing Laboratories, Inc
 SDG No.: JPL76
 Matrix: (SOIL/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Number TICs Found: 0

Contract: JPL Groundwater Monitorin
 Run Sequence: R023569
 Lab Sample ID: JPL76-007
 Lab File ID: B1119019.D
 Date Collected: 11/15/2007
 Date Analyzed: 11/19/2007
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)
 CONCENTRATION UNITS:
ug/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01				
02				
03				
04				
05				
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Comments:

1 TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

TB-10-11/15/07

Lab Name: Laucks Testing Laboratories, Inc

Contract: JPL Groundwater Monitorin

SDG No.: JPL76

Run Sequence: R023569

Matrix: (SOIL/WATER) Water

Lab Sample ID: JPL76-008

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1119012.D

Level: (LOW/MED) _____

Date Collected: 11/15/2007

% Moisture: not dec. _____

Date Analyzed: 11/19/2007

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Number TICs Found: 0

CONCENTRATION UNITS:
ug/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01					
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Comments:

FORMS SUMMARY

JPL76

Metals Data

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-24-5

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL76

Matrix (soil/water): Water

Lab Sample ID: JPL76-001

Level (low/med): LOW

Date Received: 11/16/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	8.64			M	R023907

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-24-4

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL76

Matrix (soil/water): Water

Lab Sample ID: JPL76-002

Level (low/med): LOW

Date Received: 11/16/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	4.13			M	R023907

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-24-3

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL76

Matrix (soil/water): Water

Lab Sample ID: JPL76-003

Level (low/med): LOW

Date Received: 11/16/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	6.10			M	R023907

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-24-2

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL76

Matrix (soil/water): Water

Lab Sample ID: JPL76-004

Level (low/med): LOW

Date Received: 11/16/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	7.79			M	R023907

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-24-1

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL76

Matrix (soil/water): Water

Lab Sample ID: JPL76-005

Level (low/med): LOW

Date Received: 11/16/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	9.05			M	R023907

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

DUPE-3-4Q07

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL76

Matrix (soil/water): Water

Lab Sample ID: JPL76-006

Level (low/med): LOW

Date Received: 11/16/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	9.31			M	R023907

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

EB-12-11/15/07

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL76

Matrix (soil/water): Water

Lab Sample ID: JPL76-007

Level (low/med): LOW

Date Received: 11/16/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.32			M	R023907

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

FORMS SUMMARY

JPL76

Miscellaneous Inorganics

Laucks Testing Laboratories, Inc.

Final Results

Client: Battelle **Project:** JPL Groundwater Monitoring
SDG Number: JPL76
Sample Number: MW-24-1 **Date/Time Collected:** 11/15/2007 10:27
Lab Sample ID: JPL76-005 **Date/Time Received:** 11/16/2007 08:35
Method/Qbatch*: E300.0/24849 **Unit:** mg/L
Instrument: Ion Chromatograph (2) **File:** R023837\results.1.txt

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Sulfate	14808-79-8	10	35		10	1.7	11/30/2007	12/01/2007	R023837

Method/Qbatch*: E300.0/25077 **Unit:** mg/L
Instrument: Ion Chromatograph (2) **File:** R024053\results.1.txt

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Chloride	16887-00-6	10	43		10	0.76	12/06/2007	12/06/2007	R024053

Method/Qbatch*: E353.2/24782 **Unit:** mg/L
Instrument: Autoanalyzer (5) **File:** N/A

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Total Nitrate / Nitrite	N+N	1	0.67		0.050	0.016	11/29/2007	11/29/2007	R023762

Method/Qbatch*: E353.2/24847 **Unit:** mg/L
Instrument: None **File:** N/A

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Nitrate - N	14797-55-8	1	0.66		0.50	0.010	11/30/2007	11/29/2007	R023836

Method/Qbatch*: E354.1/24530 **Unit:** mg/L
Instrument: UV/Vis (Cary) **File:** N/A

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Nitrite - N	14797-65-0	1	0.0082		0.0050	0.0012	11/16/2007	11/16/2007	R023521

Method/Qbatch*: E365.2/24527 **Unit:** mg/L
Instrument: None **File:** N/A

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Phosphorus, Orthophosphate (as P)	7723-14-0	1	0.014		0.010	0.0025	11/16/2007	11/16/2007	R023518

Laucks Testing Laboratories, Inc.

Final Results

Client: Battelle **Project:** JPL Groundwater Monitoring
SDG Number: JPL76
Sample Number: DUPE-3-4Q07 **Date/Time Collected:** 11/15/2007 00:00
Lab Sample ID: JPL76-006 **Date/Time Received:** 11/16/2007 08:35
Method/Qbatch*: E300.0/24849 **Unit:** mg/L
Instrument: Ion Chromatograph (2) **File:** R023837\results.1.txt

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Sulfate	14808-79-8	10	35		10	1.7	11/30/2007	12/01/2007	R023837

Method/Qbatch*: E300.0/25077 **Unit:** mg/L
Instrument: Ion Chromatograph (2) **File:** R024053\results.1.txt

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Chloride	16887-00-6	10	42		10	0.76	12/06/2007	12/06/2007	R024053

Method/Qbatch*: E353.2/24782 **Unit:** mg/L
Instrument: Autoanalyzer (5) **File:** N/A

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Total Nitrate / Nitrite	N+N	1	0.67		0.050	0.016	11/29/2007	11/29/2007	R023762

Method/Qbatch*: E353.2/24847 **Unit:** mg/L
Instrument: None **File:** N/A

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Nitrate - N	14797-55-8	1	0.66		0.50	0.010	11/30/2007	11/29/2007	R023836

Method/Qbatch*: E354.1/24530 **Unit:** mg/L
Instrument: UV/Vis (Cary) **File:** N/A

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Nitrite - N	14797-65-0	1	0.011		0.0050	0.0012	11/16/2007	11/16/2007	R023521

Method/Qbatch*: E365.2/24527 **Unit:** mg/L
Instrument: None **File:** N/A

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Phosphorus, Orthophosphate (as P)	7723-14-0	1	0.016		0.010	0.0025	11/16/2007	11/16/2007	R023518

LAUCKS TESTING LABORATORIES

SAMPLE DATA PACKAGE

BATTELLE

SDG NO.: JPL77

December 26, 2007

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

To: Battelle
Project Name: JPL Groundwater
SDG No.: JPL77
Date of Report: December 26, 2007

SAMPLE RECEIPT, IDENTIFICATION, AND GENERAL COMMENTS:

Sample Receipt and Identification:

The samples submitted under the laboratory number(s) indicated above were identified and analyzed as tabulated below. The samples were collected and received on the dates noted on the enclosed chain-of-custody copies, Attachment A.

<u>Client Sample Identification</u>	<u>Laucks Sample Identification</u>	<u>Testing Analytical Request</u>
MW-25-5	JPL77-001	VOA/MET/PER
MW-25-4	JPL77-002	VOA/MET/PER
MW-25-3	JPL77-003	VOA/MET/PER
MW-25-2	JPL77-004	VOA/MET/PER
MW-25-1	JPL77-005	VOA/MET/PER
EB-14-11/19/07	JPL77-006	VOA/MET/PER
MW-23-5	JPL77-007	VOA/MET/PER
MW-23-4	JPL77-008	VOA/MET/PER
MW-23-3	JPL77-009	VOA/MET/PER
MW-23-2	JPL77-010	VOA/MET/PER
MW-23-1	JPL77-011	VOA/MET/PER
EB-13-11/16/07	JPL77-012	VOA/MET/PER
TB-12-11/16/07	JPL77-013	VOA

Analytical Request Key:

VOA = Volatiles (524.2)
MET = Chromium (200.8)
PER = Perchlorate (314.0) Subcontracted to Weck Laboratories

Sample Receipt Comments:

There were no anomalies associated with the receipt of these samples.

GENERAL REMARKS ON ORGANIC ANALYSES:

The following comments describe general analysis conditions. For remarks specific to the samples reported in this case, see "SPECIFIC REMARKS ON ORGANIC ANALYSIS."

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

Manual Integrations:

One or more analytes may have been manually integrated on the data system quantitation reports. All manual integrations have been flagged, initialed, and dated by the analyst. A list of the manual integration flags is detailed below.

M	Manual integration due to irregular peak shape
MS	Manual integration due to split peak
MR	Manual integration due to retention time shift
MI	Manual integration of correct isomer
MT	Manual integration due to peak tailing
MB	Manual integration due to irregular baseline

Holding Time Compliance:

Volatile Organic Compounds:

The holding time is 14 days calculated from the date of collection in both soil and water samples. All samples were analyzed within holding times.

Volatiles Fraction:

Quality Control Analyses:

Client requested MS/MSD analyses of sample MW-25-3 could not be performed due to insufficient sample volume provided. All recoveries were within the control limits in the blank spike analysis.

All other quality control parameters were met.

GENERAL REMARKS ON INORGANIC ANALYSES:

The following comments describe general analysis conditions. For remarks specific to the samples reported in this case, see "SPECIFIC REMARKS ON INORGANIC ANALYSES."

ICP Metals:

On the first timed and dated page of each ICP-MS run, the data to be reported or rejected will be tabulated for that run.

SPECIFIC REMARKS ON INORGANIC ANALYSES:

Holding Time Compliance:

Laucks calculates holding time compliance for inorganic determinations using the date on which reportable data were acquired.

Metals:

The holding time for metals is six months from the date of collection, excepting mercury, which is 28 days. All analyses were performed within holding time.

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

ICP-MS Metals:

Sample EB-14-11/19/07 has a chromium result of 1.80 ug/L which is above the PQL of 1.0 ug/L. Laucks recognizes that for this client project, samples beginning with "EB-" may be client equipment blanks. Sample EB-14-11/19/07 was then re-analyzed and the chromium result was comparable to the original data. The client action level for chromium is 10 ug/L. Sample EB-14-11/19/07 had a concentration of chromium that was less than ½ the client action level and could be subject to a slightly high bias. The re-analysis chromium result for sample EB-14-11/19/07 was reported as is. No further corrective action was taken. Data have not been flagged for this event.

The serial dilution for the element chromium did not agree within 10% of the original determination after correction for dilution for sample MW-25-3. No further corrective action was required. All relevant data have been flagged with an "E" on the applicable Forms 1 and 9.

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

ABBREVIATIONS

Several abbreviations can appear in our reports. The most commonly employed abbreviations are as follows:

- U The analyte of interest was not detected to the limit of detection indicated.
- SDL Sample Detection Limit. The SDL can vary from sample to sample, depending on sample size, matrix interferences, moisture content and other sample-specific conditions.
- PQL Practical Quantitation Limit. The limit is drawn from the test method and usually represents the SDL multiplied by a matrix-specific factor.
- DB Dry Basis. The value reported has been back-calculated to normalize for the moisture content of the sample.
- AR As-Received. The value has not been normalized for moisture.

ORGANIC ANALYSES:

- B When used in relation to organics fractions, the "B" flag indicates that the analyte of interest was detected in the method blank associated with the sample, as well as in the sample itself. The "B" flag is applied without regard to the relative concentrations detected in the blank and sample.
 - J The analyte of interest was detected below the routine reporting limit. This value should be regarded as an estimate.
 - T The flagged values represent the SUM of two co-eluting compounds. The SUM of these two values is shown as though it were a result for each of them. The two figures should not be added together.
 - E The flagged value was reported from an analysis that exceeded the linear range of the instrument. See additional comments for further discussion of the circumstances. Values so flagged should be considered estimates.
 - P When a dual column GC technique is employed, this flag indicates that test results from the two columns differ by more than 25%. Generally, we report the higher value.
 - C The flagged analyte has been confirmed by GC/MS analysis. The value reported may be derived from either the initial or confirmatory (GC/MS) analysis. See specific report comments for details.
 - ~ This result has been identified as non-primary based on the analyst's professional judgment.
- CRQL Client requested Quantitation Limit, usually the limit of detection specified at your request. Might also be referred to as Contract Required Quantitation Limit.

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Seattle, WA 98108

INORGANIC ANALYSES:

- J The reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL). If the analyte was analyzed for but not detected, a "U" shall be entered.
- E The reported value is estimated because of the presence of interference. The serial dilution was not within control limits.
- N Spiked sample recovery not within control limits.
- * Duplicate analysis not within control limits.

CRDL Client Requested Detection Limit, usually the limit of detection specified at your request. Might also be referred to as Contract Required Detection Limit.

LAUCKS TESTING LABORATORIES


940 S. Harney
Seattle, WA 98108

RELEASE OF DATA

Laucks certifies that these results meet all requirements of the NELAC standards, except where otherwise noted.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."

Respectfully submitted,


Kara Godineaux
Project Manager

12/26/07
(DATE)


Harry Romberg
Quality Assurance Officer

12/26/07
(DATE)

HOW TO CONTACT US:

All Laucks Testing Laboratories staff members can be reached at the same telephone and facsimile numbers: (206) 767-5060 by phone, (206) 767-5063 by FAX.

REQUESTS FOR DUPLICATE COPIES:

This packet has been checked for accuracy. All pages are present and in sequential order. Please see Attachment B for a detailed record.

In the event that duplicate data copies are needed, Laucks will accommodate your request at a fee of twenty-five cents (\$0.25) per copy, plus shipping. If the data are in storage, there will also be a fee for retrieval.

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

ATTACHMENT A

Chain-of-Custody Copies

LAUCKS TESTING LABORATORIES, INC. - SAMPLE CONFIRMATION LOG

Sample ID (SDG-#)	VTSR	Collected On	Client ID	200.8 Total Cr	314.0 Perchlorate	524.2 Volatile Organics + TICs (JPL Special list)	TurMet for 200.7/200.8 TurMet
JPL77-001	11/20/2007 08:45 AM	11/19/2007 08:04 AM	MW-25-5	IN	IN	IN	IN
JPL77-002	11/20/2007 08:45 AM	11/19/2007 08:40 AM	MW-25-4	IN	IN	IN	IN
*JPL77-003	11/20/2007 08:45 AM	11/19/2007 09:15 AM	MW-25-3	IN	IN	IN	IN
JPL77-004	11/20/2007 08:45 AM	11/19/2007 09:50 AM	MW-25-2	IN	IN	IN	IN
JPL77-005	11/20/2007 08:45 AM	11/19/2007 10:28 AM	MW-25-1	IN	IN	IN	IN
JPL77-006	11/20/2007 08:45 AM	11/19/2007 10:15 AM	EB-14-11/19/07	IN	IN	IN	IN
JPL77-007	11/20/2007 08:45 AM	11/16/2007 07:48 AM	MW-23-5	IN	IN	IN	IN
JPL77-008	11/20/2007 08:45 AM	11/16/2007 08:20 AM	MW-23-4	IN	IN	IN	IN
JPL77-009	11/20/2007 08:45 AM	11/16/2007 08:53 AM	MW-23-3	IN	IN	IN	IN
JPL77-010	11/20/2007 08:45 AM	11/16/2007 09:22 AM	MW-23-2	IN	IN	IN	IN
JPL77-011	11/20/2007 08:45 AM	11/16/2007 10:00 AM	MW-23-1	IN	IN	IN	IN
JPL77-012	11/20/2007 08:45 AM	11/16/2007 09:45 AM	EB-13-11/16/07	IN	IN	IN	IN
JPL77-013	11/20/2007 08:45 AM	11/16/2007 12:00 AM	TB-12-11/16/07			IN	

Approved By:

On:

Notes:

Samples identified with a '*' client has requested QC for

LEGEND: -:Started, +:Completed, IN:Logged In, P:Preparation, A:Analysis, X:Cancelled, PL:Pre-logged

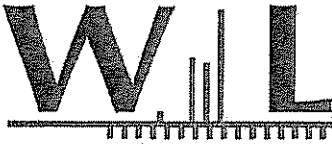
FORM LTL-PM-8.0

LAUCK'S TESTING LABORATORIES

**Perchlorate Data
(Subcontracted to Weck Laboratories, Inc.)**

BATTELLE

SDG.: JPL77



Weck Laboratories, Inc.

Analytical Laboratory Services - Since 1964

14859 E. Clark Ave., Industry, CA 91745

Phone 626.336.2139 Fax 626.336.2634

info@wecklabs.com www.wecklabs.com

CERTIFICATE OF ANALYSIS

Client: Laucks Testing Laboratories, Inc.

940 South Harney Street

Seattle, WA 98108

Attention: Kara Godineaux

Phone: (206) 957-2422

Fax: (206) 767-5063

Report Date: 12/13/07 16:54

Received Date: 12/04/07 13:30

Turn Around: Normal

Work Order #: 7120583

NELAP #04229CA ELAP#1132 NEVADA #CA211 HAWAII LACSD #10143

The results in this report apply to the samples analyzed in accordance with the Chain of Custody document. Weck Laboratories, Inc. certifies that the test results meet all NELAC requirements unless noted in the case narrative. This analytical report is confidential and is only intended for the use of Weck Laboratories, Inc. and its client. This report contains the Chain of Custody document, which is an integral part of it, and can only be reproduced in full with the authorization of Weck Laboratories, Inc.

Dear Kara Godineaux :

Enclosed are the results of analyses for samples received 12/04/07 13:30 with the Chain of Custody document. The samples were received in good condition. The samples were received at 3.6 °C and on ice. All analysis met the method criteria except as noted below or in the report with data qualifiers.

Reviewed by:

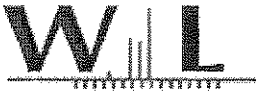
Kim G Tu

Project Manager



Page 1 of 17





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Industry, CA 91745
Phone 626.336.2139 Fax 626.336.2634

Laucks Testing Laboratories, Inc.
940 South Harney Street
Seattle WA, 98108

Report ID: 7120583
Project ID: [none]

Date Received: 12/04/07 13:30
Date Reported: 12/26/07 10:42

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Sampled by:	Sample Comments	Laboratory	Matrix	Date Sampled
MW-25-5	Client	JPL77-001	7120583-01	Water	11/19/07 08:04
MW-25-4	Client	JPL77-002	7120583-02	Water	11/19/07 09:15
MW-25-3	Client	JPL77-003	7120583-03	Water	11/19/07 09:15
MW-25-2	Client	JPL77-004	7120583-04	Water	11/19/07 09:50
MW-25-1	Client	JPL77-005	7120583-05	Water	11/19/07 10:28
EB-14-11/19/07	Client	JPL77-006	7120583-06	Water	11/19/07 07:20
MW-23-5	Client	JPL77-007	7120583-07	Water	11/16/07 07:48
MW-23-4	Client	JPL77-008	7120583-08	Water	11/16/07 08:20
MW-23-3	Client	JPL77-009	7120583-09	Water	11/16/07 08:53
MW-23-2	Client	JPL77-010	7120583-10	Water	11/16/07 09:22
MW-23-1	Client	JPL77-011	7120583-11	Water	11/16/07 10:00
EB-13-11/16/07	Client	JPL77-012	7120583-12	Water	11/16/07 09:45



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Laucks Testing Laboratories, Inc.
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 Seattle WA, 98108

Report ID: 7120583
 Project ID: [none]

Date Received: 12/04/07 13:30
 Date Reported: 12/13/07 16:54

MW-25-5 7120583-01 (Water)

Date Sampled: 11/19/07 08:04

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7L0376	12/06/07	12/06/07	hmc



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Laucks Testing Laboratories, Inc. 940 South Harney Street Seattle WA, 98108	Report ID: 7120583 Project ID: [none]	Date Received: 12/04/07 13:30 Date Reported: 12/13/07 16:54
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MW-25-4 7120583-02 (Water)

Date Sampled: 11/19/07 09:15

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	9.5	ug/l	2.0	1	EPA 314.0	W7L0376	12/06/07	12/06/07	hmc



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Report ID: 7120583
Project ID: [none]

Date Received: 12/04/07 13:30
Date Reported: 12/13/07 16:54

MW-25-3 7120583-03 (Water)

Date Sampled: 11/19/07 09:15

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	15	ug/l	2.0	1	EPA 314.0	W7L0376	12/06/07	12/06/07	hmc



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Laucks Testing Laboratories, Inc. 940 South Harney Street Seattle WA, 98108	Report ID: 7120583 Project ID: [none]	Date Received: 12/04/07 13:30 Date Reported: 12/13/07 16:54
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MW-25-2 7120583-04 (Water)

Date Sampled: 11/19/07 09:50

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	18	ug/l	2.0	1	EPA 314.0	W7L0376	12/06/07	12/06/07	hmc



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Laucks Testing Laboratories, Inc. 940 South Harney Street Seattle WA, 98108	Report ID: 7120583 Project ID: [none]	Date Received: 12/04/07 13:30 Date Reported: 12/13/07 16:54
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MW-25-1 7120583-05 (Water)

Date Sampled: 11/19/07 10:28

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	11	ug/l	2.0	1	EPA 314.0	W7L0376	12/06/07	12/06/07	hms



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Report ID: 7120583
Project ID: [none]

Date Received: 12/04/07 13:30
Date Reported: 12/13/07 16:54

EB-14-11/19/07 7120583-06 (Water)

Date Sampled: 11/19/07 07:20

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7L0376	12/06/07	12/06/07	hmc



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Laucks Testing Laboratories, Inc.
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 Seattle WA, 98108

Report ID: 7120583
 Project ID: [none]

Date Received: 12/04/07 13:30
 Date Reported: 12/13/07 16:54

MW-23-5 7120583-07 (Water)

Date Sampled: 11/16/07 07:48

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7L0376	12/06/07	12/07/07	hmc



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Report ID: 7120583
Project ID: [none]

Date Received: 12/04/07 13:30
Date Reported: 12/13/07 16:54

MW-23-4 7120583-08 (Water)

Date Sampled: 11/16/07 08:20

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7L0376	12/06/07	12/07/07	hmc



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Report ID: 7120583
Project ID: [none]

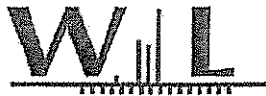
Date Received: 12/04/07 13:30
Date Reported: 12/13/07 16:54

MW-23-3 7120583-09 (Water)

Date Sampled: 11/16/07 08:53

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7L0376	12/06/07	12/07/07	hmc



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Laucks Testing Laboratories, Inc.
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 Seattle WA, 98108

Report ID: 7120583
 Project ID: [none]

Date Received: 12/04/07 13:30
 Date Reported: 12/13/07 16:54

MW-23-2 7120583-10 (Water)

Date Sampled: 11/16/07 09:22

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	5.7	ug/l	2.0	1	EPA 314.0	W7L0376	12/06/07	12/07/07	hmc



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Report ID: 7120583
Project ID: [none]

Date Received: 12/04/07 13:30
Date Reported: 12/13/07 16:54

MW-23-1 7120583-11 (Water)

Date Sampled: 11/16/07 10:00

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	3.0	ug/l	2.0	1	EPA 314.0	W7L0376	12/06/07	12/07/07	hmc



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Report ID: 7120583
Project ID: [none]

Date Received: 12/04/07 13:30
Date Reported: 12/13/07 16:54

EB-13-11/16/07 7120583-12 (Water)

Date Sampled: 11/16/07 09:45

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7L0376	12/06/07	12/07/07	hmc

FORMS SUMMARY

SDG JPL77

VOLATILES ANALYSIS

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-25-5

Lab Name: _____
 SDG No.: JPL77
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023649
 Lab Sample ID: JPL77-001
 Lab File ID: B1121009.D
 Date Collected: 11/19/2007
 Date/Time Analyzed: 11/21/2007 17:56
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-25-5

Lab Name: _____
 SDG No.: JPL77
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023649
 Lab Sample ID: JPL77-001
 Lab File ID: B1121009.D
 Date Collected: 11/19/2007
 Date/Time Analyzed: 11/21/2007 17:56
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,1,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-25-5

Lab Name: _____
 SDG No.: JPL77
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023649
 Lab Sample ID: JPL77-001
 Lab File ID: B1121009.D
 Date Collected: 11/19/2007
 Date/Time Analyzed: 11/21/2007 17:56
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-25-4

Lab Name: _____
 SDG No.: JPL77
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023649
 Lab Sample ID: JPL77-002
 Lab File ID: B1121010.D
 Date Collected: 11/19/2007
 Date/Time Analyzed: 11/21/2007 18:21
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-25-4

Lab Name: _____
 SDG No.: JPL77
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023649
 Lab Sample ID: JPL77-002
 Lab File ID: B1121010.D
 Date Collected: 11/19/2007
 Date/Time Analyzed: 11/21/2007 18:21
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-25-4

Lab Name: _____
 SDG No.: JPL77
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023649
 Lab Sample ID: JPL77-002
 Lab File ID: B1121010.D
 Date Collected: 11/19/2007
 Date/Time Analyzed: 11/21/2007 18:21
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-25-3

Lab Name: _____
 SDG No.: JPL77
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023649
 Lab Sample ID: JPL77-003
 Lab File ID: B1121011.D
 Date Collected: 11/19/2007
 Date/Time Analyzed: 11/21/2007 18:46
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	1.1	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-25-3

Lab Name: _____
 SDG No.: JPL77
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023649
 Lab Sample ID: JPL77-003
 Lab File ID: B1121011.D
 Date Collected: 11/19/2007
 Date/Time Analyzed: 11/21/2007 18:46
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-25-3

Lab Name: _____
 SDG No.: JPL77
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023649
 Lab Sample ID: JPL77-003
 Lab File ID: B1121011.D
 Date Collected: 11/19/2007
 Date/Time Analyzed: 11/21/2007 18:46
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-25-2

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL77

Run Sequence: R023649

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL77-004

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1121012.D

Level: (LOW/MED) _____

Date Collected: 11/19/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/21/2007 19:11

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.25	J
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-25-2

Lab Name: _____
 SDG No.: JPL77
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023649
 Lab Sample ID: JPL77-004
 Lab File ID: B1121012.D
 Date Collected: 11/19/2007
 Date/Time Analyzed: 11/21/2007 19:11
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-25-2

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL77

Run Sequence: R023649

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL77-004

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1121012.D

Level: (LOW/MED) _____

Date Collected: 11/19/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/21/2007 19:11

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-25-1

Lab Name: _____
 SDG No.: JPL77
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023649
 Lab Sample ID: JPL77-005
 Lab File ID: B1121013.D
 Date Collected: 11/19/2007
 Date/Time Analyzed: 11/21/2007 19:37
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-25-1

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL77

Run Sequence: R023649

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL77-005

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1121013.D

Level: (LOW/MED) _____

Date Collected: 11/19/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/21/2007 19:37

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,1,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-25-1

Lab Name: _____
 SDG No.: JPL77
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023649
 Lab Sample ID: JPL77-005
 Lab File ID: B1121013.D
 Date Collected: 11/19/2007
 Date/Time Analyzed: 11/21/2007 19:37
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-14-11/19/07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL77

Run Sequence: R023649

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL77-006

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1121014.D

Level: (LOW/MED) _____

Date Collected: 11/19/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/21/2007 20:03

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-14-11/19/07

Lab Name: _____
 SDG No.: JPL77
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023649
 Lab Sample ID: JPL77-006
 Lab File ID: B1121014.D
 Date Collected: 11/19/2007
 Date/Time Analyzed: 11/21/2007 20:03
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		<u>ug/L</u>	
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,1,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-14-11/19/07

Lab Name: _____
 SDG No.: JPL77
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023649
 Lab Sample ID: JPL77-006
 Lab File ID: B1121014.D
 Date Collected: 11/19/2007
 Date/Time Analyzed: 11/21/2007 20:03
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-23-5

Lab Name: _____
 SDG No.: JPL77
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023649
 Lab Sample ID: JPL77-007
 Lab File ID: B1121015.D
 Date Collected: 11/16/2007
 Date/Time Analyzed: 11/21/2007 20:28
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-23-5

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL77

Run Sequence: R023649

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL77-007

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1121015.D

Level: (LOW/MED) _____

Date Collected: 11/16/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/21/2007 20:28

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.28	J
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-23-5

Lab Name: _____
 SDG No.: JPL77
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023649
 Lab Sample ID: JPL77-007
 Lab File ID: B1121015.D
 Date Collected: 11/16/2007
 Date/Time Analyzed: 11/21/2007 20:28
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-23-4

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL77

Run Sequence: R023649

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL77-008

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1121016.D

Level: (LOW/MED) _____

Date Collected: 11/16/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/21/2007 20:54

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-23-4

Lab Name: _____
 SDG No.: JPL77
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023649
 Lab Sample ID: JPL77-008
 Lab File ID: B1121016.D
 Date Collected: 11/16/2007
 Date/Time Analyzed: 11/21/2007 20:54
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		<u>ug/L</u>	
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-23-4

Lab Name: _____
 SDG No.: JPL77
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023649
 Lab Sample ID: JPL77-008
 Lab File ID: B1121016.D
 Date Collected: 11/16/2007
 Date/Time Analyzed: 11/21/2007 20:54
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-23-3

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL77

Run Sequence: R023649

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL77-009

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1121017.D

Level: (LOW/MED) _____

Date Collected: 11/16/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/21/2007 21:19

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-23-3

Lab Name: _____
 SDG No.: JPL77
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023649
 Lab Sample ID: JPL77-009
 Lab File ID: B1121017.D
 Date Collected: 11/16/2007
 Date/Time Analyzed: 11/21/2007 21:19
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-23-3

Lab Name: _____
 SDG No.: JPL77
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023649
 Lab Sample ID: JPL77-009
 Lab File ID: B1121017.D
 Date Collected: 11/16/2007
 Date/Time Analyzed: 11/21/2007 21:19
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-23-2

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL77

Run Sequence: R023649

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL77-010

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1121018.D

Level: (LOW/MED) _____

Date Collected: 11/16/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/21/2007 21:45

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		<u>ug/L</u>	
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.45	J
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.51	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-23-2

Lab Name: _____
 SDG No.: JPL77
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023649
 Lab Sample ID: JPL77-010
 Lab File ID: B1121018.D
 Date Collected: 11/16/2007
 Date/Time Analyzed: 11/21/2007 21:45
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.27	J
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-23-2

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL77

Run Sequence: R023649

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL77-010

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1121018.D

Level: (LOW/MED) _____

Date Collected: 11/16/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/21/2007 21:45

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-23-1

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL77

Run Sequence: R023649

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL77-011

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1121019.D

Level: (LOW/MED) _____

Date Collected: 11/16/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/21/2007 22:10

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.56	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	1.5	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-23-1

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL77

Run Sequence: R023649

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL77-011

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1121019.D

Level: (LOW/MED) _____

Date Collected: 11/16/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/21/2007 22:10

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.68	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-23-1

Lab Name: _____
 SDG No.: JPL77
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023649
 Lab Sample ID: JPL77-011
 Lab File ID: B1121019.D
 Date Collected: 11/16/2007
 Date/Time Analyzed: 11/21/2007 22:10
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-13-11/16/07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL77

Run Sequence: R023649

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL77-012

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1121020.D

Level: (LOW/MED) _____

Date Collected: 11/16/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/21/2007 22:35

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-13-11/16/07

Lab Name: _____
 SDG No.: JPL77
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023649
 Lab Sample ID: JPL77-012
 Lab File ID: B1121020.D
 Date Collected: 11/16/2007
 Date/Time Analyzed: 11/21/2007 22:35
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-13-11/16/07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL77

Run Sequence: R023649

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL77-012

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1121020.D

Level: (LOW/MED) _____

Date Collected: 11/16/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/21/2007 22:35

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-12-11/16/07

Lab Name: _____
 SDG No.: JPL77
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023649
 Lab Sample ID: JPL77-013
 Lab File ID: B1121007.D
 Date Collected: 11/16/2007
 Date/Time Analyzed: 11/21/2007 17:04
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-12-11/16/07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL77

Run Sequence: R023649

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL77-013

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1121007.D

Level: (LOW/MED) _____

Date Collected: 11/16/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/21/2007 17:04

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-12-11/16/07

Lab Name: _____
 SDG No.: JPL77
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023649
 Lab Sample ID: JPL77-013
 Lab File ID: B1121007.D
 Date Collected: 11/16/2007
 Date/Time Analyzed: 11/21/2007 17:04
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

FORMS SUMMARY

JPL77

Metals Data

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-25-5

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL77

Matrix (soil/water): Water

Lab Sample ID: JPL77-001

Level (low/med): LOW

Date Received: 11/20/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	3.85		E	M	R023907

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-25-4

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL77

Matrix (soil/water): Water

Lab Sample ID: JPL77-002

Level (low/med): LOW

Date Received: 11/20/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	11.6		E	M	R023907

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-25-3

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS SDG No.: JPL77

Matrix (soil/water): Water Lab Sample ID: JPL77-003

Level (low/med): LOW Date Received: 11/20/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	11.0		E	M	R023907

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-25-2

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL77

Matrix (soil/water): Water

Lab Sample ID: JPL77-004

Level (low/med): LOW

Date Received: 11/20/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	10.1		E	M	R023907

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-25-1

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL77

Matrix (soil/water): Water

Lab Sample ID: JPL77-005

Level (low/med): LOW

Date Received: 11/20/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	7.60		E	M	R023907

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

EB-14-11/19/07

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL77

Matrix (soil/water): Water

Lab Sample ID: JPL77-006

Level (low/med): LOW

Date Received: 11/20/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.80		E	M	R023958

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-23-5

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL77

Matrix (soil/water): Water

Lab Sample ID: JPL77-007

Level (low/med): LOW

Date Received: 11/20/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.00	U		M	R023924

Color Before: Colorless Clarity Before: Clear Texture: _____

Color After: Colorless Clarity After: Clear Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-23-4

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL77

Matrix (soil/water): Water

Lab Sample ID: JPL77-008

Level (low/med): LOW

Date Received: 11/20/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	6.10		E	M	R023907

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-23-3

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL77

Matrix (soil/water): Water

Lab Sample ID: JPL77-009

Level (low/med): LOW

Date Received: 11/20/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	7.90		E	M	R023907

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-23-2

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL77

Matrix (soil/water): Water

Lab Sample ID: JPL77-010

Level (low/med): LOW

Date Received: 11/20/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	9.31		E	M	R023907

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-23-1

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL77

Matrix (soil/water): Water

Lab Sample ID: JPL77-011

Level (low/med): LOW

Date Received: 11/20/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.45		E	M	R023924

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

EB-13-11/16/07

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL77

Matrix (soil/water): Water

Lab Sample ID: JPL77-012

Level (low/med): LOW

Date Received: 11/20/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.00	U	E	M	R023958

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

LAUCKS TESTING LABORATORIES

SAMPLE DATA PACKAGE

BATTELLE

SDG NO.: JPL78

December 26, 2007

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

To: Battelle
Project Name: JPL Groundwater
SDG No.: JPL78
Date of Report: December 26, 2007

SAMPLE RECEIPT, IDENTIFICATION, AND GENERAL COMMENTS:

Sample Receipt and Identification:

The samples submitted under the laboratory number(s) indicated above were identified and analyzed as tabulated below. The samples were collected and received on the dates noted on the enclosed chain-of-custody copies, Attachment A.

<u>Client Sample Identification</u>	<u>Laucks Sample Identification</u>	<u>Testing Analytical Request</u>
MW-26-2	JPL78-001	VOA/MET/PER
MW-26-1	JPL78-002	VOA/MET/PER
EB-15-11/20/07	JPL78-003	VOA/MET/PER
TB-12-11/20/07	JPL78-004	VOA

Analytical Request Key:

VOA = Volatiles (524.2)
MET = Chromium (200.8)
PER = Perchlorate (314.0) Subcontracted to Weck Laboratories

Sample Receipt Comments:

The following discrepancies were noted in association with the receipt of these samples. The sample date on the bottles was 11/20/2007 and the sample date on the COC was 11/12/07. Client was contacted on November 21, 2007, samples were collected on 11/20/2007.

GENERAL REMARKS ON ORGANIC ANALYSES:

The following comments describe general analysis conditions. For remarks specific to the samples reported in this case, see "SPECIFIC REMARKS ON ORGANIC ANALYSIS."

Manual Integrations:

One or more analytes may have been manually integrated on the data system quantitation reports. All manual integrations have been flagged, initialed, and dated by the analyst. A list of the manual integration flags is detailed below.

M Manual integration due to irregular peak shape
MS Manual integration due to split peak

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

MR	Manual integration due to retention time shift
MI	Manual integration of correct isomer
MT	Manual integration due to peak tailing
MB	Manual integration due to irregular baseline

Holding Time Compliance:

Volatile Organic Compounds:

The holding time is 14 days calculated from date of collection in both soil and water samples. All samples were analyzed within holding time.

Volatiles Fraction:

All quality control parameters were met.

GENERAL REMARKS ON INORGANIC ANALYSES:

The following comments describe general analysis conditions. For remarks specific to the samples reported in this case, see "SPECIFIC REMARKS ON INORGANIC ANALYSES."

ICP Metals:

On the first timed and dated page of each ICP-MS run, the data to be reported or rejected will be tabulated for that run.

SPECIFIC REMARKS ON INORGANIC ANALYSES:

Holding Time Compliance:

Laucks calculates holding time compliance for inorganic determinations using the date on which reportable data were acquired.

Metals:

The holding time for metals is six months from the date of collection, excepting mercury, which is 28 days. All analyses were performed within holding time.

ICP-MS Metals:

Sample EB-15-11/20/07 has a chromium result of 1.99 ug/L which is above the PQL of 1.0 ug/L. Laucks recognizes that for this client project, samples beginning with "EB-" may be client equipment blanks. Sample EB-15-11/20/07 was then re-analyzed and the chromium result was comparable to the original data. The client action level for chromium is 10 ug/L. Sample EB-15-11/20/07 had a concentration of chromium that was less than 1/2 the client action level and could be subject to a slightly high bias. The original chromium result for sample EB-15-11/20/07 was reported as is. No further corrective action was taken. Data have not been flagged for this event.

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

ABBREVIATIONS

Several abbreviations can appear in our reports. The most commonly employed abbreviations are as follows:

- U The analyte of interest was not detected to the limit of detection indicated.
- SDL Sample Detection Limit. The SDL can vary from sample to sample, depending on sample size, matrix interferences, moisture content and other sample-specific conditions.
- PQL Practical Quantitation Limit. The limit is drawn from the test method and usually represents the SDL multiplied by a matrix-specific factor.
- DB Dry Basis. The value reported has been back-calculated to normalize for the moisture content of the sample.
- AR As-Received. The value has not been normalized for moisture.

ORGANIC ANALYSES:

- B When used in relation to organics fractions, the "B" flag indicates that the analyte of interest was detected in the method blank associated with the sample, as well as in the sample itself. The "B" flag is applied without regard to the relative concentrations detected in the blank and sample.
 - J The analyte of interest was detected below the routine reporting limit. This value should be regarded as an estimate.
 - T The flagged values represent the SUM of two co-eluting compounds. The SUM of these two values is shown as though it were a result for each of them. The two figures should not be added together.
 - E The flagged value was reported from an analysis that exceeded the linear range of the instrument. See additional comments for further discussion of the circumstances. Values so flagged should be considered estimates.
 - P When a dual column GC technique is employed, this flag indicates that test results from the two columns differ by more than 25%. Generally, we report the higher value.
 - C The flagged analyte has been confirmed by GC/MS analysis. The value reported may be derived from either the initial or confirmatory (GC/MS) analysis. See specific report comments for details.
 - ~ This result has been identified as non-primary based on the analyst's professional judgment.
- CRQL Client requested Quantitation Limit, usually the limit of detection specified at your request. Might also be referred to as Contract Required Quantitation Limit.

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

INORGANIC ANALYSES:

- J The reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL). If the analyte was analyzed for but not detected, a "U" shall be entered.
 - E The reported value is estimated because of the presence of interference. The serial dilution was not within control limits.
 - N Spiked sample recovery not within control limits.
 - * Duplicate analysis not within control limits.
- CRDL Client Requested Detection Limit, usually the limit of detection specified at your request. Might also be referred to as Contract Required Detection Limit.

LAUCKS TESTING LABORATORIES

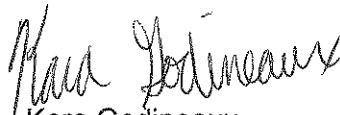
940 S. Harney
Seattle, WA 98108

RELEASE OF DATA

Laucks certifies that these results meet all requirements of the NELAC standards, except where otherwise noted.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."

Respectfully submitted,


Kara Godineaux
Project Manager

12/26/07
(DATE)


Harry Romberg
Quality Assurance Officer

12/26/07
(DATE)

HOW TO CONTACT US:

All Laucks Testing Laboratories staff members can be reached at the same telephone and facsimile numbers: (206) 767-5060 by phone, (206) 767-5063 by FAX.

REQUESTS FOR DUPLICATE COPIES:

This packet has been checked for accuracy. All pages are present and in sequential order. Please see Attachment B for a detailed record.

In the event that duplicate data copies are needed, Laucks will accommodate your request at a fee of twenty-five cents (\$0.25) per copy, plus shipping. If the data are in storage, there will also be a fee for retrieval.

LAUCKS TESTING LABORATORIES
940 S. Harney
Seattle, WA 98108

ATTACHMENT A

Chain-of-Custody Copies

LAUCKS TESTING LABORATORIES, INC. - SAMPLE CONFIRMATION LOG

Sample ID (SDG-#)	VTSR	Collected On	Client ID	200.8 Total Cr	314.0 Perchlorate	524.2 Volatile Organics + TICs (JPL Special list)	TurMet for 200.7/2008 TurMet
JPL78-001	11/21/2007 09:00 AM	11/20/2007 07:29 AM	MW-26-2	IN	IN	IN	IN
JPL78-002	11/21/2007 09:00 AM	11/20/2007 08:05 AM	MW-26-1	IN	IN	IN	IN
JPL78-003	11/21/2007 09:00 AM	11/20/2007 07:20 AM	EB-15-11/20/07	IN	IN	IN	IN
JPL78-004	11/21/2007 09:00 AM	11/20/2007 12:00 AM	TB-12-11/20/07			IN	

Approved By:

On:

Notes:

Samples identified with a '*' client has requested QC for

LEGEND: -:Started , +:Completed , IN:Logged In , P:Preparation , A:Analysis , X:Cancelled, PL:Pre-logged

FORM LTL-PM-8.0

THIS INFORMATION WILL BE USED FOR REPORTING BILLING (SEE BELOW)

COMPANY: BATELLE
 ADDRESS: 3990 OLD TOWN AVE., CLAS
SAN DIEGO, CA 92110
 ATTENTION: DAVID CONNER
 PROJECT NAME: FOR GW MON. 43057
 PROJECT CONTACT: DAVID CONNER
 TELEPHONE: 619-726-7311 FAX: _____
 JOB/P.O. NO.: 6486090/214319

CHAIN OF CUSTODY RECORD

44216

SDG # 591-78

WORK ORDER ID# _____
 PAGE 1 OF 1
 SUBMITTED AT: _____



940 South Henry St, Seattle, WA 98108 (206) 747-3500 FAX 767-5063
 1100 Leeward Ave, Tukwila, WA 98162 (206) 248-4095 FAX 452-1265

MATRIX: WATER, SOIL OR SPECIFY	NO. OF CONTAINERS
	<u>VOL (524.2)</u>
	<u>Total W (200.8)</u>
	<u>C104 - (3.4.0)</u>

2

TESTS TO PERFORM _____
 OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS _____

LAB. S/N	SAMPLE ID / LOCATION	DATE	TIME	W	S	A	X	X	X					
	<u>MW-26-2</u>	<u>11/20/07</u>	<u>0729</u>											
	<u>MW-26-1</u>		<u>0805</u>											
	<u>EB-15 - 11/20/07</u>		<u>0720</u>											
	<u>TR-12 - 11/20/07</u>													

3

3

EQUIP. BLANK
TRIP BLANK

A. A standard turnaround time is assumed unless otherwise marked.

B. The laboratory may not be responsible for missed holding time for samples received with less than 50% of the analytical hold time remaining. Please contact the laboratory for further information.

INSTRUCTIONS:
 1. USE ONE LINE PER SAMPLE
 2. BE SPECIFIC IN TEST REQUESTS.
 3. CHECK OFF TESTS TO BE PERFORMED FOR EACH SAMPLE.

NAME: BATELLE
 ATTN: GERARD TAMPLINGS
 ADDRESS: 505 KING AVE.
 CITY, STATE, ZIP: COLUMBUS, OH 43201

* RUSH TURNAROUND IS SUBJECT TO PRIOR LABORATORY APPROVAL

TURNAROUND REQUEST
 STD. 10-14 WORKING DAYS
 24-48 HRS. (100% SUR)
 72 HRS. (75% SUR)
 5 DAYS (50% SUR)
 OTHER:
 TEMP.
 CUSTODY SEAL: Y N N/A

RECEIVED BY (SIGN AND PRINT): CHASE BROGDON
 DATE/TIME: 11/20/07
1006

RECEIVED BY (SIGN AND PRINT): Serials Dept

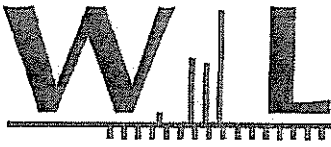
DATE/TIME: 11/21/07
09:00

LAUCK'S TESTING LABORATORIES

**Perchlorate Data
(Subcontracted to Weck Laboratories, Inc.)**

BATTELLE

SDG.: JPL78



Weck Laboratories, Inc.

Analytical Laboratory Services - Since 1964

14859 E. Clark Ave., Industry, CA 91745
Phone 626.336.2139 Fax 626.336.2634
info@wecklabs.com www.wecklabs.com

CERTIFICATE OF ANALYSIS

Client: Laucks Testing Laboratories, Inc.

940 South Harney Street

Seattle, WA 98108

Attention: Kara Godineaux

Phone: (206) 957-2422

Fax: (206) 767-5063

Report Date: 12/13/07 16:56

Received Date: 12/04/07 13:30

Turn Around: Normal

Work Order #: 7120576

NELAP #04229CA ELAP#1132 NEVADA #CA211 HAWAII LACSD #10143

The results in this report apply to the samples analyzed in accordance with the Chain of Custody document. Weck Laboratories, Inc. certifies that the test results meet all NELAC requirements unless noted in the case narrative. This analytical report is confidential and is only intended for the use of Weck Laboratories, Inc. and its client. This report contains the Chain of Custody document, which is an integral part of it, and can only be reproduced in full with the authorization of Weck Laboratories, Inc.

Dear Kara Godineaux :

Enclosed are the results of analyses for samples received 12/04/07 13:30 with the Chain of Custody document. The samples were received in good condition. The samples were received at 3.6 °C and on ice. All analysis met the method criteria except as noted below or in the report with data qualifiers.

Reviewed by:

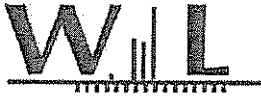
Kim G Tu

Project Manager



Page 1 of 8





Weck Laboratories, Inc.
14859 E. Clark Ave.
Industry, CA 91745
Phone 626.336.2139 Fax 626.336.2634

Laucks Testing Laboratories, Inc.
940 South Harney Street
Seattle WA, 98108

Report ID: 7120576
Project ID: [none]

Date Received: 12/04/07 13:30
Date Reported: 12/13/07 16:56

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Sampled by:	Sample Comments	Laboratory	Matrix	Date Sampled
MW-26-2		JPL78-001	7120576-01	Water	11/20/07 07:29
MW-26-1		JPL78-002	7120576-02	Water	11/20/07 08:05
EB-15-11/20/07	Client	JPL78-002	7120576-03	Water	11/20/07 07:20



Weck Laboratories, Inc.
14859 E. Clark Ave.
Industry, CA 91745
Phone 626.336.2139 Fax 626.336.2634

Laucks Testing Laboratories, Inc.
940 South Harney Street
Seattle WA, 98108

Report ID: 7120576
Project ID: [none]

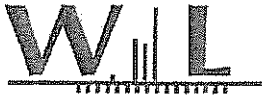
Date Received: 12/04/07 13:30
Date Reported: 12/13/07 16:56

MW-26-2 7120576-01 (Water)

Date Sampled: 11/20/07 07:29

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7L0376	12/06/07	12/07/07	hmc



Weck Laboratories, Inc.
 14859 E. Clark Ave.
 Industry, CA 91745
 Phone 626.336.2139 Fax 626.336.2634

Laucks Testing Laboratories, Inc.
 940 South Harney Street
 Seattle WA, 98108

Report ID: 7120576
 Project ID: [none]

Date Received: 12/04/07 13:30
 Date Reported: 12/13/07 16:56

MW-26-1 7120576-02 (Water)

Date Sampled: 11/20/07 08:05

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	2.7	ug/l	2.0	1	EPA 314.0	W7L0376	12/06/07	12/07/07	hmc



Weck Laboratories, Inc.
14859 E. Clark Ave.
Industry, CA 91745
Phone 626.336.2139 Fax 626.336.2634

Laucks Testing Laboratories, Inc.
940 South Harney Street
Seattle WA, 98108

Report ID: 7120576
Project ID: [none]

Date Received: 12/04/07 13:30
Date Reported: 12/13/07 16:56

EB-15-11/20/07 7120576-03 (Water)

Date Sampled: 11/20/07 07:20

Perchlorate by EPA 314.0

Analyte	Result	Units	Reporting Limit	Dilution Factor	Method	Batch Number	Date Prepared	Date Analyzed	Data Qualifiers
Perchlorate	ND	ug/l	2.0	1	EPA 314.0	W7L0376	12/06/07	12/07/07	hmc

FORMS SUMMARY

SDG JPL78

VOLATILES ANALYSIS

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-26-2

Lab Name: _____
 SDG No.: JPL78
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023649
 Lab Sample ID: JPL78-001
 Lab File ID: B1121021.D
 Date Collected: 11/20/2007
 Date/Time Analyzed: 11/21/2007 23:00
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-26-2

Lab Name: _____
 SDG No.: JPL78
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023649
 Lab Sample ID: JPL78-001
 Lab File ID: B1121021.D
 Date Collected: 11/20/2007
 Date/Time Analyzed: 11/21/2007 23:00
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-26-2

Lab Name: _____
 SDG No.: JPL78
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023649
 Lab Sample ID: JPL78-001
 Lab File ID: B1121021.D
 Date Collected: 11/20/2007
 Date/Time Analyzed: 11/21/2007 23:00
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-26-1

Lab Name: _____
 SDG No.: JPL78
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023649
 Lab Sample ID: JPL78-002
 Lab File ID: B1121022.D
 Date Collected: 11/20/2007
 Date/Time Analyzed: 11/21/2007 23:26
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-26-1

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL78

Run Sequence: R023649

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL78-002

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1121022.D

Level: (LOW/MED) _____

Date Collected: 11/20/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/21/2007 23:26

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.63	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-26-1

Lab Name: _____
 SDG No.: JPL78
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023649
 Lab Sample ID: JPL78-002
 Lab File ID: B1121022.D
 Date Collected: 11/20/2007
 Date/Time Analyzed: 11/21/2007 23:26
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-15-11/20/07

Lab Name: _____
 SDG No.: JPL78
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023649
 Lab Sample ID: JPL78-003
 Lab File ID: B1121023.D
 Date Collected: 11/20/2007
 Date/Time Analyzed: 11/21/2007 23:52
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-15-11/20/07

Lab Name: _____
 SDG No.: JPL78
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023649
 Lab Sample ID: JPL78-003
 Lab File ID: B1121023.D
 Date Collected: 11/20/2007
 Date/Time Analyzed: 11/21/2007 23:52
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-15-11/20/07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL78

Run Sequence: R023649

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL78-003

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1121023.D

Level: (LOW/MED) _____

Date Collected: 11/20/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/21/2007 23:52

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-12-11/20/07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL78

Run Sequence: R023649

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL78-004

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1121008.D

Level: (LOW/MED) _____

Date Collected: 11/20/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/21/2007 17:30

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-12-11/20/07

Lab Name: _____ Contract: JPL Groundwater Monitorin
 SDG No.: JPL78 Run Sequence: R023649
 Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL78-004
 Sample wt/vol: 5.00 (g/mL) mL Lab File ID: B1121008.D
 Level: (LOW/MED) _____ Date Collected: 11/20/2007
 % Moisture: not dec. _____ Date/Time Analyzed: 11/21/2007 17:30
 GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

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VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-12-11/20/07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL78

Run Sequence: R023649

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL78-004

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1121008.D

Level: (LOW/MED) _____

Date Collected: 11/20/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/21/2007 17:30

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

FORMS SUMMARY

JPL78

Metals Data

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-26-2

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL78

Matrix (soil/water): Water

Lab Sample ID: JPL78-001

Level (low/med): LOW

Date Received: 11/21/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	10.2			M	R023907

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-26-1

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL78

Matrix (soil/water): Water

Lab Sample ID: JPL78-002

Level (low/med): LOW

Date Received: 11/21/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	10.4			M	R023907

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

EB-15-11/20/07

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL78

Matrix (soil/water): Water

Lab Sample ID: JPL78-003

Level (low/med): LOW

Date Received: 11/21/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	1.99			M	R023907

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

LAUCKS TESTING LABORATORIES

SAMPLE DATA PACKAGE

BATTELLE

SDG NO.: JPL79

December 21, 2007

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

To: Battelle
Project Name: JPL Groundwater
SDG No.: JPL79
Date of Report: December 21, 2007

SAMPLE RECEIPT, IDENTIFICATION, AND GENERAL COMMENTS:

Sample Receipt and Identification:

The samples submitted under the laboratory number(s) indicated above were identified and analyzed as tabulated below. The samples were collected and received on the dates noted on the enclosed chain-of-custody copies, Attachment A.

<u>Client Sample Identification</u>	<u>Laucks Sample Identification</u>	<u>Testing Analytical Request</u>
MW-7	JPL79-001	VOA/MET/PER
MW-16	JPL79-002	VOA/MET/PER
TB-13-11/28/07	JPL79-003	VOA
DUPE-4-4Q07	JPL79-004	VOA/MET/PER
DUPE-5-4Q07	JPL79-005	VOA/MET/PER

Analytical Request Key:

VOA = Volatiles (524.2)
MET = Chromium (200.8)
PER = Perchlorate (314.0)

Sample Receipt Comments:

There were no anomalies associated with the receipt of these samples.

GENERAL REMARKS ON ORGANIC ANALYSES:

The following comments describe general analysis conditions. For remarks specific to the samples reported in this case, see "SPECIFIC REMARKS ON ORGANIC ANALYSIS."

Manual Integrations:

One or more analytes may have been manually integrated on the data system quantitation reports. All manual integrations have been flagged, initialed, and dated by the analyst. A list of the manual integration flags is detailed below.

M Manual integration due to irregular peak shape
MS Manual integration due to split peak
MR Manual integration due to retention time shift

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

MI Manual integration of correct isomer
MT Manual integration due to peak tailing
MB Manual integration due to irregular baseline

Holding Time Compliance:

Volatile Organic Compounds:

The holding time is 14 days calculated from the date of collection in both soil and water samples. All samples were analyzed within holding times.

Volatiles Fraction:

All quality control parameters were met.

GENERAL REMARKS ON INORGANIC ANALYSES:

The following comments describe general analysis conditions. For remarks specific to the samples reported in this case, see "SPECIFIC REMARKS ON INORGANIC ANALYSES."

ICP Metals:

On the first timed and dated page of each ICP-MS run, the data to be reported or rejected will be tabulated for that run.

SPECIFIC REMARKS ON INORGANIC ANALYSES:

Holding Time Compliance:

Laucks calculates holding time compliance for inorganic determinations using the date on which reportable data were acquired.

Metals:

The holding time for metals is six months from the date of collection, excepting mercury, which is 28 days. All analyses were performed within holding time.

Miscellaneous:

The following analytes do not have a Contract Laboratory Program holding time. The holding times tabulated below derive from the relevant EPA methods and are applicable when the sample was appropriately preserved and/or cooled. All samples submitted followed the preservation guidelines unless explicitly noted otherwise.

<u>Analyte</u>	<u>Holding Time</u>	<u>Violations</u>
Perchlorate	28 days	None

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Seattle, WA 98108

ICP-MS Metals:

No comments.

Miscellaneous Inorganics:

No comments.

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Seattle, WA 98108

ABBREVIATIONS

Several abbreviations can appear in our reports. The most commonly employed abbreviations are as follows:

- U The analyte of interest was not detected to the limit of detection indicated.
- SDL Sample Detection Limit. The SDL can vary from sample to sample, depending on sample size, matrix interferences, moisture content and other sample-specific conditions.
- PQL Practical Quantitation Limit. The limit is drawn from the test method and usually represents the SDL multiplied by a matrix-specific factor.
- DB Dry Basis. The value reported has been back-calculated to normalize for the moisture content of the sample.
- AR As-Received. The value has not been normalized for moisture.

ORGANIC ANALYSES:

- B When used in relation to organics fractions, the "B" flag indicates that the analyte of interest was detected in the method blank associated with the sample, as well as in the sample itself. The "B" flag is applied without regard to the relative concentrations detected in the blank and sample.
 - J The analyte of interest was detected below the routine reporting limit. This value should be regarded as an estimate.
 - T The flagged values represent the SUM of two co-eluting compounds. The SUM of these two values is shown as though it were a result for each of them. The two figures should not be added together.
 - E The flagged value was reported from an analysis that exceeded the linear range of the instrument. See additional comments for further discussion of the circumstances. Values so flagged should be considered estimates.
 - P When a dual column GC technique is employed, this flag indicates that test results from the two columns differ by more than 25%. Generally, we report the higher value.
 - C The flagged analyte has been confirmed by GC/MS analysis. The value reported may be derived from either the initial or confirmatory (GC/MS) analysis. See specific report comments for details.
 - ~ This result has been identified as non-primary based on the analyst's professional judgment.
- CRQL Client requested Quantitation Limit, usually the limit of detection specified at your request. Might also be referred to as Contract Required Quantitation Limit.

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Seattle, WA 98108

INORGANIC ANALYSES:

- J The reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL). If the analyte was analyzed for but not detected, a "U" shall be entered.
 - E The reported value is estimated because of the presence of interference. The serial dilution was not within control limits.
 - N Spiked sample recovery not within control limits.
 - * Duplicate analysis not within control limits.
- CRDL Client Requested Detection Limit, usually the limit of detection specified at your request. Might also be referred to as Contract Required Detection Limit.

LAUCKS TESTING LABORATORIES

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Seattle, WA 98108

RELEASE OF DATA

Laucks certifies that these results meet all requirements of the NELAC standards, except where otherwise noted.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."

Respectfully submitted,


Kara Godineaux
Project Manager

12/21/07
(DATE)


Harry Romberg
Quality Assurance Officer

12/21/07
(DATE)

HOW TO CONTACT US:

All Laucks Testing Laboratories staff members can be reached at the same telephone and facsimile numbers: (206) 767-5060 by phone, (206) 767-5063 by FAX.

REQUESTS FOR DUPLICATE COPIES:

This packet has been checked for accuracy. All pages are present and in sequential order. Please see Attachment B for a detailed record.

In the event that duplicate data copies are needed, Laucks will accommodate your request at a fee of twenty-five cents (\$0.25) per copy, plus shipping. If the data are in storage, there will also be a fee for retrieval.

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

ATTACHMENT A

Chain-of-Custody Copies

LAUCKS TESTING LABORATORIES, INC. - SAMPLE CONFIRMATION LOG

Sample ID (SDG-#)	VTSR	Collected On	Client ID	200.8 Total Cr	314.0 Perchlorate	524.2 Volatile Organics + TICS (JPL Special list)	TurMet for 200.7/200.8 TurMet
JPL79-001	11/29/2007 11:04 AM	11/28/2007 09:30 AM	MW-7	IN	IN	IN	IN
JPL79-002	11/29/2007 11:04 AM	11/28/2007 12:00 PM	MW-16	IN	IN	IN	IN
JPL79-003	11/29/2007 11:04 AM	11/28/2007 12:00 AM	TB-13-11/28/07			IN	
JPL79-004	11/29/2007 11:04 AM	11/28/2007 12:00 AM	DUPE-4-4Q07	IN	IN	IN	IN
JPL79-005	11/29/2007 11:04 AM	11/28/2007 12:00 AM	DUPE-5-4Q07	IN	IN	IN	IN

Approved By:

On:

Notes:

Samples identified with a '*' client has requested QC for

LEGEND: -:Started , +:Completed , IN:Logged In , P:Preparation , A:Analysis , X:Cancelled, PL:Pre-logged

FORM LTL-PM-8.0

THIS INFORMATION WILL BE USED FOR REPORTING/BILLING (SEE BELOW)

COMPANY: BATELLE
 ADDRESS: 3950 OLD TOWN AVE, C-205
SAN DIEGO, CA 92110
 ATTENTION: DAVID CORNER
 PROJECT NAME: JPL GW MON 4007
 PROJECT CONTACT: DAVID CORNER
 TELEPHONE: 619-726-7311 FAX: _____
 JOB/P.O. NO.: 6486990 / 214319

CHAIN OF CUSTODY RECORD SDG # _____
 44221 PAGE 1 OF 1
 WORK ORDER ID# SPL 79 SUBMITTED AT: _____

TESTS TO PERFORM
 940 South Hamer St, Seattle WA 98108 (206) 767-5060 FAX 767-5065
 1106 Leifrich Ave, Yakima, WA 98902 (509) 248-4695 FAX 452-1265
Lauck's
 Testing Laboratories, Inc. 10

MATRIX: WATER, SOIL OR SPECIFY	NO. OF CONTAINERS	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
VOC (524.2)	2	
TOTAL Cr (200.8)	2	
eloc (314.0)	2	

LAB #/SAMPLE ID / LOCATION	DATE	TIME	MATRIX	NO. OF CONTAINERS	TESTS TO PERFORM	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
1 MW-7	11/28/07	0930	W	5		
2 MW-16		1200	W	5		
3 TB-13-11/28/07			W	2		TRIP BLANK
4 DURE-4-4067			W	5		DUPLICATE
5 DURE-5-4807			W	5		DUPLICATE

A. A standard turnaround time is assumed unless otherwise marked.
 B. The laboratory may not be responsible for missed holding time for samples received with less than 50% of the analytical hold time remaining. Please contact the laboratory for further information.

- INSTRUCTIONS
1. USE ONE LINE PER SAMPLE
 2. BE SPECIFIC IN TEST REQUESTS.
 3. CHECK OFF TESTS TO BE PERFORMED FOR EACH SAMPLE.

NAME: BATELLE
 ADDRESS: 505 KING AVE.
 CITY, STATE, ZIP: COLUMBUS, OH 43221
 ATTN: GERARD TOMPKINS

RECEIVED BY (SIGN AND PRINT): _____
 DATE/TIME: 11/28/07 1300
 RECEIVED BY (SIGN AND PRINT): Charles Pearson
 DATE/TIME: 11/29/07 1104

RELIQUISHED BY (SIGN AND PRINT): _____
 DATE/TIME: _____
 RECEIVED BY (SIGN AND PRINT): _____
 DATE/TIME: _____

* RUSH TURNAROUND IS SUBJECT TO PRIOR LABORATORY APPROVAL

TURNAROUND REQUEST

ESTD. 10-14 WORKING DAYS

* 24-48 HRS. (100% SUR)

* 72 HRS. (75% SUR)

* 5 DAYS (50% SUR)

OTHER: _____

TEMP: _____

CUSTODY SEAL: Y N N/A

FORMS SUMMARY

SDG JPL78

VOLATILES ANALYSIS

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-26-2

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL78

Run Sequence: R023649

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL78-001

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1121021.D

Level: (LOW/MED) _____

Date Collected: 11/20/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/21/2007 23:00

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-26-2

Lab Name: _____
 SDG No.: JPL78
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023649
 Lab Sample ID: JPL78-001
 Lab File ID: B1121021.D
 Date Collected: 11/20/2007
 Date/Time Analyzed: 11/21/2007 23:00
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-26-2

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL78

Run Sequence: R023649

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL78-001

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1121021.D

Level: (LOW/MED) _____

Date Collected: 11/20/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/21/2007 23:00

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-26-1

Lab Name: _____
 SDG No.: JPL78
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023649
 Lab Sample ID: JPL78-002
 Lab File ID: B1121022.D
 Date Collected: 11/20/2007
 Date/Time Analyzed: 11/21/2007 23:26
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-26-1

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL78

Run Sequence: R023649

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL78-002

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1121022.D

Level: (LOW/MED) _____

Date Collected: 11/20/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/21/2007 23:26

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.63	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-26-1

Lab Name: _____
 SDG No.: JPL78
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023649
 Lab Sample ID: JPL78-002
 Lab File ID: B1121022.D
 Date Collected: 11/20/2007
 Date/Time Analyzed: 11/21/2007 23:26
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-15-11/20/07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL78

Run Sequence: R023649

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL78-003

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1121023.D

Level: (LOW/MED) _____

Date Collected: 11/20/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/21/2007 23:52

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-15-11/20/07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL78

Run Sequence: R023649

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL78-003

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1121023.D

Level: (LOW/MED) _____

Date Collected: 11/20/2007

% Moisture: not dec. _____

Date/Time Analyzed: 11/21/2007 23:52

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

EB-15-11/20/07

Lab Name: _____
 SDG No.: JPL78
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023649
 Lab Sample ID: JPL78-003
 Lab File ID: B1121023.D
 Date Collected: 11/20/2007
 Date/Time Analyzed: 11/21/2007 23:52
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-12-11/20/07

Lab Name: _____
 SDG No.: JPL78
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023649
 Lab Sample ID: JPL78-004
 Lab File ID: B1121008.D
 Date Collected: 11/20/2007
 Date/Time Analyzed: 11/21/2007 17:30
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-12-11/20/07

Lab Name: _____
 SDG No.: JPL78
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023649
 Lab Sample ID: JPL78-004
 Lab File ID: B1121008.D
 Date Collected: 11/20/2007
 Date/Time Analyzed: 11/21/2007 17:30
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-12-11/20/07

Lab Name: _____
 SDG No.: JPL78
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023649
 Lab Sample ID: JPL78-004
 Lab File ID: B1121008.D
 Date Collected: 11/20/2007
 Date/Time Analyzed: 11/21/2007 17:30
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

FORMS SUMMARY

JPL79

Metals Data

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-7

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL79

Matrix (soil/water): Water

Lab Sample ID: JPL79-001

Level (low/med): LOW

Date Received: 11/29/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	13.1			M	R024161

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-16

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL79

Matrix (soil/water): Water

Lab Sample ID: JPL79-002

Level (low/med): LOW

Date Received: 11/29/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	10.8			M	R024161

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

DUPE-4-4Q07

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL79

Matrix (soil/water): Water

Lab Sample ID: JPL79-004

Level (low/med): LOW

Date Received: 11/29/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	13.3			M	R024161

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

DUPE-5-4Q07

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL79

Matrix (soil/water): Water

Lab Sample ID: JPL79-005

Level (low/med): LOW

Date Received: 11/29/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	10.1			M	R024161

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

FORMS SUMMARY

JPL79

Miscellaneous Inorganics

Laucks Testing Laboratories, Inc.

Final Results

Client: Battelle Project: JPL Groundwater Monitoring
SDG Number: JPL79
Sample Number: MW-7 Date/Time Collected: 11/28/2007 09:30
Lab Sample ID: JPL79-001 Date/Time Received: 11/29/2007 11:04
Method/Qbatch*: E314.0/25162 Unit: ug/L
Instrument: Ion Chromatograph (2) File: N/A

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2	17		2.0	0.28	12/10/2007	12/12/2007	R024110

Laucks Testing Laboratories, Inc.

Final Results

Client: Battelle Project: JPL Groundwater Monitoring
SDG Number: JPL79
Sample Number: MW-16 Date/Time Collected: 11/28/2007 12:00
Lab Sample ID: JPL79-002 Date/Time Received: 11/29/2007 11:04
Method/Qbatch*: E314.0/25162 Unit: ug/L
Instrument: Ion Chromatograph (2) File: N/A

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	100	3100		100	14	12/10/2007	12/12/2007	R024110

Laucks Testing Laboratories, Inc.

Final Results

Client: Battelle Project: JPL Groundwater Monitoring
SDG Number: JPL79
Sample Number: DUPE-4-4Q07 Date/Time Collected: 11/28/2007 00:00
Lab Sample ID: JPL79-004 Date/Time Received: 11/29/2007 11:04
Method/Qbatch*: E314.0/25162 Unit: ug/L
Instrument: Ion Chromatograph (2) File: N/A

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2	18		2.0	0.28	12/10/2007	12/12/2007	R024110

Laucks Testing Laboratories, Inc.

Final Results

Client: Battelle Project: JPL Groundwater Monitoring
SDG Number: JPL79
Sample Number: DUPE-5-4Q07RX Date/Time Collected: 11/28/2007 00:00
Lab Sample ID: JPL79-005 Date/Time Received: 11/29/2007 11:04
Method/Qbatch*: E314.0/25241 Unit: ug/L
Instrument: Ion Chromatograph (2) File: N/A

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	100	3000		100	14	12/12/2007	12/12/2007	R024185

LAUCKS TESTING LABORATORIES

SAMPLE DATA PACKAGE

BATTELLE

SDG NO.: JPL80

December 21, 2007

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

To: Battelle
Project Name: JPL Groundwater
SDG No.: JPL80
Date of Report: December 21, 2007

SAMPLE RECEIPT, IDENTIFICATION, AND GENERAL COMMENTS:

Sample Receipt and Identification:

The samples submitted under the laboratory number(s) indicated above were identified and analyzed as tabulated below. The samples were collected and received on the dates noted on the enclosed chain-of-custody copies, Attachment A.

<u>Client Sample Identification</u>	<u>Laucks Sample Identification</u>	<u>Testing Analytical Request</u>
MW-13	JPL80-001	VOA/MET/PER
MW-8	JPL80-002	VOA/MET/PER
DUPE-6-4Q07	JPL80-003	VOA/MET/PER
TB-14-11/29/07	JPL80-004	VOA

Analytical Request Key:

VOA = Volatiles (524.2)
MET = Chromium (200.8)
PER = Perchlorate (314.0)

Sample Receipt Comments:

The following discrepancies were noted in association with the receipt of these samples.

One of three volatiles bottles submitted for MW-13 contained bubbles of less than 1/4 inch in size. One of three volatiles bottles submitted for MW-8 contained bubbles of less than 1/4 inch in size. Two of three volatiles bottles submitted for TB-14-11/29/07 contained bubbles of less than 1/4 inch in size.

GENERAL REMARKS ON ORGANIC ANALYSES:

The following comments describe general analysis conditions. For remarks specific to the samples reported in this case, see "SPECIFIC REMARKS ON ORGANIC ANALYSIS."

Manual Integrations:

One or more analytes may have been manually integrated on the data system quantitation reports. All manual integrations have been flagged, initialed, and dated by the analyst. A list of the manual integration flags is detailed below.

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

MI Manual integration of correct isomer
MT Manual integration due to peak tailing
MB Manual integration due to irregular baseline

Holding Time Compliance:

Volatile Organic Compounds:

The holding time is 14 days calculated from date of collection in both soil and water samples. All samples were analyzed within holding time.

Volatiles Fraction:

All quality control parameters were met.

GENERAL REMARKS ON INORGANIC ANALYSES:

The following comments describe general analysis conditions. For remarks specific to the samples reported in this case, see "SPECIFIC REMARKS ON INORGANIC ANALYSES."

ICP Metals:

On the first timed and dated page of each ICP-MS run, the data to be reported or rejected will be tabulated for that run.

SPECIFIC REMARKS ON INORGANIC ANALYSES:

Holding Time Compliance:

Laucks calculates holding time compliance for inorganic determinations using the date on which reportable data were acquired.

Metals:

The holding time for metals is six months from the date of collection, excepting mercury, which is 28 days. All analyses were performed within holding time.

Miscellaneous:

The following analytes do not have a Contract Laboratory Program holding time. The holding times tabulated below derive from the relevant EPA methods and are applicable when the sample was appropriately preserved and/or cooled. All samples submitted followed the preservation guidelines unless explicitly noted otherwise.

LAUCKS TESTING LABORATORIES

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Seattle, WA 98108

M Manual integration due to irregular peak shape
MS Manual integration due to split peak
MR Manual integration due to retention time shift
MI Manual integration of correct isomer
MT Manual integration due to peak tailing
MB Manual integration due to irregular baseline

Holding Time Compliance:

Volatile Organic Compounds:

The holding time is 14 days calculated from date of collection in both soil and water samples. All samples were analyzed within holding time.

Volatiles Fraction:

All quality control parameters were met.

GENERAL REMARKS ON INORGANIC ANALYSES:

The following comments describe general analysis conditions. For remarks specific to the samples reported in this case, see "SPECIFIC REMARKS ON INORGANIC ANALYSES."

ICP Metals:

On the first timed and dated page of each ICP-MS run, the data to be reported or rejected will be tabulated for that run.

SPECIFIC REMARKS ON INORGANIC ANALYSES:

Holding Time Compliance:

Laucks calculates holding time compliance for inorganic determinations using the date on which reportable data were acquired.

Metals:

The holding time for metals is six months from the date of collection, excepting mercury, which is 28 days. All analyses were performed within holding time.

Miscellaneous:

The following analytes do not have a Contract Laboratory Program holding time. The holding times tabulated below derive from the relevant EPA methods and are applicable when the sample was appropriately preserved and/or cooled. All samples submitted followed the preservation guidelines unless explicitly noted otherwise.

LAUCKS TESTING LABORATORIES
940 S. Harney
Seattle, WA 98108

<u>Analyte</u>	<u>Holding Time</u>	<u>Violations</u>
Perchlorate	28 days	None

ICP-MS Metals:

No comments.

Miscellaneous Inorganics:

No comments.

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

ABBREVIATIONS

Several abbreviations can appear in our reports. The most commonly employed abbreviations are as follows:

- U The analyte of interest was not detected to the limit of detection indicated.
- SDL Sample Detection Limit. The SDL can vary from sample to sample, depending on sample size, matrix interferences, moisture content and other sample-specific conditions.
- PQL Practical Quantitation Limit. The limit is drawn from the test method and usually represents the SDL multiplied by a matrix-specific factor.
- DB Dry Basis. The value reported has been back-calculated to normalize for the moisture content of the sample.
- AR As-Received. The value has not been normalized for moisture.

ORGANIC ANALYSES:

- B When used in relation to organics fractions, the "B" flag indicates that the analyte of interest was detected in the method blank associated with the sample, as well as in the sample itself. The "B" flag is applied without regard to the relative concentrations detected in the blank and sample.
 - J The analyte of interest was detected below the routine reporting limit. This value should be regarded as an estimate.
 - T The flagged values represent the SUM of two co-eluting compounds. The SUM of these two values is shown as though it were a result for each of them. The two figures should not be added together.
 - E The flagged value was reported from an analysis that exceeded the linear range of the instrument. See additional comments for further discussion of the circumstances. Values so flagged should be considered estimates.
 - P When a dual column GC technique is employed, this flag indicates that test results from the two columns differ by more than 25%. Generally, we report the higher value.
 - C The flagged analyte has been confirmed by GC/MS analysis. The value reported may be derived from either the initial or confirmatory (GC/MS) analysis. See specific report comments for details.
 - ~ This result has been identified as non-primary based on the analyst's professional judgment.
- CRQL Client requested Quantitation Limit, usually the limit of detection specified at your request. Might also be referred to as Contract Required Quantitation Limit.

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Seattle, WA 98108

INORGANIC ANALYSES:

J The reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL). If the analyte was analyzed for but not detected, a "U" shall be entered.

E The reported value is estimated because of the presence of interference. The serial dilution was not within control limits.

N Spiked sample recovery not within control limits.

* Duplicate analysis not within control limits.

CRDL Client Requested Detection Limit, usually the limit of detection specified at your request. Might also be referred to as Contract Required Detection Limit.

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

RELEASE OF DATA

Laucks certifies that these results meet all requirements of the NELAC standards, except where otherwise noted.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."

Respectfully submitted,


Kara Godineaux
Project Manager

12/21/07
(DATE)


Harry Romberg
Quality Assurance Officer

12/21/07
(DATE)

HOW TO CONTACT US:

All Laucks Testing Laboratories staff members can be reached at the same telephone and facsimile numbers: (206) 767-5060 by phone, (206) 767-5063 by FAX.

REQUESTS FOR DUPLICATE COPIES:

This packet has been checked for accuracy. All pages are present and in sequential order. Please see Attachment B for a detailed record.

In the event that duplicate data copies are needed, Laucks will accommodate your request at a fee of twenty-five cents (\$0.25) per copy, plus shipping. If the data are in storage, there will also be a fee for retrieval.

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

ATTACHMENT A

Chain-of-Custody Copies

LAUCKS TESTING LABORATORIES, INC. - SAMPLE CONFIRMATION LOG									
Sample ID (SDG-#)	VTSR	Collected On	Client ID	200.8 Total Cr	314.0 Perchlorate	524.2 Volatile Organics + TICs (JPL Special list)	TurMet for 200.7/200.8 TurMet		
JPL80-001	11/30/2007 08:30 AM	11/29/2007 09:11 AM	MW-13	IN	IN	IN	IN		
JPL80-002	11/30/2007 08:30 AM	11/29/2007 11:32 AM	MW-8	IN	IN	IN	IN		
JPL80-003	11/30/2007 08:30 AM	11/29/2007 12:00 AM	DUPE-6-4Q07	IN	IN	IN	IN		
JPL80-004	11/30/2007 08:30 AM	11/29/2007 12:00 AM	TB-14-11/29/07			IN			
Approved By: _____ On: _____ Notes: _____									
Samples identified with a "*" client has requested QC for LEGEND: - :Started , + :Completed , IN :Logged In , P :Preparation , A :Analysis , X :Cancelled, PL :Pre-logged FORM LTL-PM-8.0									

THIS INFORMATION WILL BE USED FOR REPORTING BILLING (SEE BELOW)

5720

COMPANY: BATELLE
 ADDRESS: 3990 GLJ TOWN AVE, C-205
SAN DIEGO, CA 92110
 ATTENTION: DAVID COVENE
 PROJECT NAME: JPL GW MON. 4007
 PROJECT CONTACT: DAVID COVENE
 TELEPHONE: 619-726-7311 FAX: _____
 JOB/PO. NO.: G486090 / 214319

CHAIN OF CUSTODY RECORD SDG # 5PL-80
 44219
 WORK ORDER ID # _____
 PAGE 1 OF 1

SUBMITTED AT: _____

Laucks
 Testing Laboratories, Inc.
 940 South Henry St, Seattle, WA 98148 (206) 757-3000 FAX 767-5063
 1100 Colver Rd, Auburn, WA 98002 (509) 244-4105 FAX 452-1265

MATRIX: WATER, SOIL OR SPECIFY
 NO. OF CONTAINERS
Vol (574.2)
TOTAL GR (200.8)
C104 (314.0)

TESTS TO PERFORM
 OBSERVATIONS
 COMMENTS, SPECIAL
 INSTRUCTIONS

LABS#	SAMPLE ID / LOCATION	DATE	TIME	W	X	+							
1	MW-13	1/29/07	0911		X	X	X						
2	MW-8		1132		X	X	X						
3	DUPRE-6-4007				X	X	X						DUPPLICATE
4	7B-14-11/29/07				X								TRIP BLANK

A A standard turnaround time is assumed unless otherwise marked.
 B The laboratory may not be responsible for missed holding time for samples received with less than 50% of the analytical hold time remaining. Please contact the laboratory for further information.

INSTRUCTIONS
 1. USE ONE LINE PER SAMPLE
 2. BE SPECIFIC IN TEST REQUESTS
 3. CHECK OFF TESTS TO BE PERFORMED FOR EACH SAMPLE

BILING INFORMATION IF DIFFERENT THAN ABOVE
 NAME: BATELLE
 ADDRESS: 505 KEN G AVE
 CITY, STATE, ZIP: COLUMBUS OH 43201

RELINQUISHED BY (SIGN AND PRINT): CHASE BROADEN
 DATE/TIME: 1/29/07 1300

RECEIVED BY (SIGN AND PRINT): Serial Wiffa
 DATE/TIME: 1/29/07 08:30

* RUSH TURNAROUND IS SUBJECT TO PRIOR LABORATORY APPROVAL

TOTAL NO. OF CONTAINERS
 TURNAROUND REQUEST
 STD. 10-14 WORKING DAYS
 * 24-48 HRS. (100% SURJ)
 * 72 HRS. (75% SURJ)
 * 5 DAYS (50% SURJ)
 OTHER _____
 TEMP. _____
 CUSTODY SEAL: Y N N/A

FORMS SUMMARY

SDG JPL80

VOLATILES ANALYSIS

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-13

Lab Name: _____ Contract: JPL Groundwater Monitorin
 SDG No.: JPL80 Run Sequence: R023947
 Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL80-001
 Sample wt/vol: 5.00 (g/mL) mL Lab File ID: B1204036.D
 Level: (LOW/MED) _____ Date Collected: 11/29/2007
 % Moisture: not dec. _____ Date/Time Analyzed: 12/04/2007 21:02
 GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.85	
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.31	J
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.30	J

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-13

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL80

Run Sequence: R023947

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL80-001

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1204036.D

Level: (LOW/MED) _____

Date Collected: 11/29/2007

% Moisture: not dec. _____

Date/Time Analyzed: 12/04/2007 21:02

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	1.7	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-13

Lab Name: _____
 SDG No.: JPL80
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023947
 Lab Sample ID: JPL80-001
 Lab File ID: B1204036.D
 Date Collected: 11/29/2007
 Date/Time Analyzed: 12/04/2007 21:02
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-8

Lab Name: _____ Contract: JPL Groundwater Monitorin
 SDG No.: JPL80 Run Sequence: R023947
 Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL80-002
 Sample wt/vol: 5.00 (g/mL) mL Lab File ID: B1204037.D
 Level: (LOW/MED) _____ Date Collected: 11/29/2007
 % Moisture: not dec. _____ Date/Time Analyzed: 12/04/2007 21:28
 GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	1.8	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.33	J
75-27-4	Bromodichloromethane	3.2	
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-8

Lab Name: _____
 SDG No.: JPL80
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023947
 Lab Sample ID: JPL80-002
 Lab File ID: B1204037.D
 Date Collected: 11/29/2007
 Date/Time Analyzed: 12/04/2007 21:28
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	4.3	
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	3.1	
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-8

Lab Name: _____
 SDG No.: JPL80
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023947
 Lab Sample ID: JPL80-002
 Lab File ID: B1204037.D
 Date Collected: 11/29/2007
 Date/Time Analyzed: 12/04/2007 21:28
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-6-4Q07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL80

Run Sequence: R023947

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL80-003

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1204038.D

Level: (LOW/MED) _____

Date Collected: 11/29/2007

% Moisture: not dec. _____

Date/Time Analyzed: 12/04/2007 21:53

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.91	
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.37	J
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.51	

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-6-4Q07

Lab Name: _____
 SDG No.: JPL80
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023947
 Lab Sample ID: JPL80-003
 Lab File ID: B1204038.D
 Date Collected: 11/29/2007
 Date/Time Analyzed: 12/04/2007 21:53
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	1.7	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-6-4Q07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL80

Run Sequence: R023947

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL80-003

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1204038.D

Level: (LOW/MED) _____

Date Collected: 11/29/2007

% Moisture: not dec. _____

Date/Time Analyzed: 12/04/2007 21:53

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-14-11/29/07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL80

Run Sequence: R023947

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL80-004

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1204024.D

Level: (LOW/MED) _____

Date Collected: 11/29/2007

% Moisture: not dec. _____

Date/Time Analyzed: 12/04/2007 15:58

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: <u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-14-11/29/07

Lab Name: _____
 SDG No.: JPL80
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023947
 Lab Sample ID: JPL80-004
 Lab File ID: B1204024.D
 Date Collected: 11/29/2007
 Date/Time Analyzed: 12/04/2007 15:58
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-14-11/29/07

Lab Name: _____
 SDG No.: JPL80
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023947
 Lab Sample ID: JPL80-004
 Lab File ID: B1204024.D
 Date Collected: 11/29/2007
 Date/Time Analyzed: 12/04/2007 15:58
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

FORMS SUMMARY

JPL80

Metals Data

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-13

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL80

Matrix (soil/water): Water

Lab Sample ID: JPL80-001

Level (low/med): LOW

Date Received: 11/30/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	37.9			M	R024161

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-8

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL80

Matrix (soil/water): Water

Lab Sample ID: JPL80-002

Level (low/med): LOW

Date Received: 11/30/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	16.3			M	R024161

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

DUPE-6-4Q07

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL80

Matrix (soil/water): Water

Lab Sample ID: JPL80-003

Level (low/med): LOW

Date Received: 11/30/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	38.5			M	R024161

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

FORMS SUMMARY

JPL80

Miscellaneous Inorganics

Laucks Testing Laboratories, Inc.

Final Results

Client: Battelle Project: JPL Groundwater Monitoring
SDG Number: JPL80
Sample Number: MW-13 Date/Time Collected: 11/29/2007 09:11
Lab Sample ID: JPL80-001 Date/Time Received: 11/30/2007 08:30
Method/Qbatch*: E314.0/25162 Unit: ug/L
Instrument: Ion Chromatograph (2) File: N/A

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	3	28		3.0	0.42	12/10/2007	12/12/2007	R024110

Laucks Testing Laboratories, Inc.

Final Results

Client: Battelle Project: JPL Groundwater Monitoring
SDG Number: JPL80
Sample Number: MW-8 Date/Time Collected: 11/29/2007 11:32
Lab Sample ID: JPL80-002 Date/Time Received: 11/30/2007 08:30
Method/Qbatch*: E314.0/25162 Unit: ug/L
Instrument: Ion Chromatograph (2) File: N/A

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2	62		2.0	0.28	12/10/2007	12/12/2007	R024110

Laucks Testing Laboratories, Inc.

Final Results

Client: Battelle Project: JPL Groundwater Monitoring
SDG Number: JPL80
Sample Number: DUPE-6-4Q07 Date/Time Collected: 11/29/2007 00:00
Lab Sample ID: JPL80-003 Date/Time Received: 11/30/2007 08:30
Method/Qbatch*: E314.0/25162 Unit: ug/L
Instrument: Ion Chromatograph (2) File: N/A

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	3	24		3.0	0.42	12/10/2007	12/12/2007	R024110

LAUCKS TESTING LABORATORIES

SAMPLE DATA PACKAGE

BATTELLE

SDG NO.: JPL81

December 21, 2007

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

To: Battelle
Project Name: JPL Groundwater
SDG No.: JPL81
Date of Report: December 21, 2007

SAMPLE RECEIPT, IDENTIFICATION, AND GENERAL COMMENTS:

Sample Receipt and Identification:

The samples submitted under the laboratory number(s) indicated above were identified and analyzed as tabulated below. The samples were collected and received on the dates noted on the enclosed chain-of-custody copies, Attachment A.

<u>Client Sample Identification</u>	<u>Laucks Sample Identification</u>	<u>Testing Analytical Request</u>
MW-10	JPL81-001	VOA/MET/PER
DUPE-7-4Q07	JPL81-002	VOA/MET/PER
TB-15-12/3/07	JPL81-003	VOA

Analytical Request Key:

VOA = Volatiles (524.2)
MET = Chromium (200.8)
PER = Perchlorate (314.0)

Sample Receipt Comments:

There were no anomalies associated with the receipt of these samples.

GENERAL REMARKS ON ORGANIC ANALYSES:

The following comments describe general analysis conditions. For remarks specific to the samples reported in this case, see "SPECIFIC REMARKS ON ORGANIC ANALYSIS."

Manual Integrations:

One or more analytes may have been manually integrated on the data system quantitation reports. All manual integrations have been flagged, initialed, and dated by the analyst. A list of the manual integration flags is detailed below.

M Manual integration due to irregular peak shape
MS Manual integration due to split peak
MR Manual integration due to retention time shift
MI Manual integration of correct isomer

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

MT Manual integration due to peak tailing
MB Manual integration due to irregular baseline

Holding Time Compliance:

Volatile Organic Compounds:

The holding time is 14 days calculated from date of collection in both soil and water samples. All samples were analyzed within holding time.

Volatiles Fraction:

Continuing Calibration Verification (CCV):

In the CCV performed on 12/04/2007 the percent drift value for naphthalene exceeded 20% due to decreased response. Because sample results were reported well below the reporting limit (RL) the chance of reporting any false negatives for those compounds that recovered low at the RL was negligible.

All other quality control parameters were met.

GENERAL REMARKS ON INORGANIC ANALYSES:

The following comments describe general analysis conditions. For remarks specific to the samples reported in this case, see "SPECIFIC REMARKS ON INORGANIC ANALYSES."

ICP Metals:

On the first timed and dated page of each ICP-MS run, the data to be reported or rejected will be tabulated for that run.

SPECIFIC REMARKS ON INORGANIC ANALYSES:

Holding Time Compliance:

Laucks calculates holding time compliance for inorganic determinations using the date on which reportable data were acquired.

Metals:

The holding time for metals is six months from the date of collection, excepting mercury, which is 28 days. All analyses were performed within holding time.

Miscellaneous:

The following analytes do not have a Contract Laboratory Program holding time. The holding times tabulated below derive from the relevant EPA methods and are applicable when the sample was

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

appropriately preserved and/or cooled. All samples submitted followed the preservation guidelines unless explicitly noted otherwise.

<u>Analyte</u>	<u>Holding Time</u>	<u>Violations</u>
Perchlorate	28 days	None

ICP-MS Metals:

The serial dilution for the element chromium did not agree within 10% of the original determination after correction for dilution for sample MW-10. No further corrective action was required. All relevant data have been flagged with an "E" on the applicable Forms 1 and 9.

Miscellaneous Inorganics:

For run sequence R024185, the matrix spike duplicate recovery fell outside the established control limits for the perchlorate analysis. As a result the relative percent difference recovery is outside control limits. All other quality control elements were within control limits. Therefore, no further action was taken.

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Seattle, WA 98108

ABBREVIATIONS

Several abbreviations can appear in our reports. The most commonly employed abbreviations are as follows:

- U The analyte of interest was not detected to the limit of detection indicated.
- SDL Sample Detection Limit. The SDL can vary from sample to sample, depending on sample size, matrix interferences, moisture content and other sample-specific conditions.
- PQL Practical Quantitation Limit. The limit is drawn from the test method and usually represents the SDL multiplied by a matrix-specific factor.
- DB Dry Basis. The value reported has been back-calculated to normalize for the moisture content of the sample.
- AR As-Received. The value has not been normalized for moisture.

ORGANIC ANALYSES:

- B When used in relation to organics fractions, the "B" flag indicates that the analyte of interest was detected in the method blank associated with the sample, as well as in the sample itself. The "B" flag is applied without regard to the relative concentrations detected in the blank and sample.
- J The analyte of interest was detected below the routine reporting limit. This value should be regarded as an estimate.
- T The flagged values represent the SUM of two co-eluting compounds. The SUM of these two values is shown as though it were a result for each of them. The two figures should not be added together.
- E The flagged value was reported from an analysis that exceeded the linear range of the instrument. See additional comments for further discussion of the circumstances. Values so flagged should be considered estimates.
- P When a dual column GC technique is employed, this flag indicates that test results from the two columns differ by more than 25%. Generally, we report the higher value.
- C The flagged analyte has been confirmed by GC/MS analysis. The value reported may be derived from either the initial or confirmatory (GC/MS) analysis. See specific report comments for details.
- ~ This result has been identified as non-primary based on the analyst's professional judgment.
- CRQL Client requested Quantitation Limit, usually the limit of detection specified at your request. Might also be referred to as Contract Required Quantitation Limit.

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Seattle, WA 98108

INORGANIC ANALYSES:

J The reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL). If the analyte was analyzed for but not detected, a "U" shall be entered.

E The reported value is estimated because of the presence of interference. The serial dilution was not within control limits.

N Spiked sample recovery not within control limits.

* Duplicate analysis not within control limits.

CRDL Client Requested Detection Limit, usually the limit of detection specified at your request. Might also be referred to as Contract Required Detection Limit.

LAUCKS TESTING LABORATORIES


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Seattle, WA 98108

RELEASE OF DATA

Laucks certifies that these results meet all requirements of the NELAC standards, except where otherwise noted.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."

Respectfully submitted,


Kara Godineaux
Project Manager

12/21/07
(DATE)


Harry Romberg
Quality Assurance Officer

12/21/07
(DATE)

HOW TO CONTACT US:

All Laucks Testing Laboratories staff members can be reached at the same telephone and facsimile numbers: (206) 767-5060 by phone, (206) 767-5063 by FAX.

REQUESTS FOR DUPLICATE COPIES:

This packet has been checked for accuracy. All pages are present and in sequential order. Please see Attachment B for a detailed record.

In the event that duplicate data copies are needed, Laucks will accommodate your request at a fee of twenty-five cents (\$0.25) per copy, plus shipping. If the data are in storage, there will also be a fee for retrieval.

LAUCKS TESTING LABORATORIES

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Seattle, WA 98108

ATTACHMENT A

Chain-of-Custody Copies

LAUCKS TESTING LABORATORIES, INC. - SAMPLE CONFIRMATION LOG

Sample ID (SDG-#)	VTSR	Collected On	Client ID	200.8 Total Cr	314.0 Perchlorate	524.2 Volatile Organics + TICs (JPL Special list)	TurMet for 200.7/200.8 TurMet
JPL81-001	12/04/2007 08:25 AM	12/03/2007 08:36 AM	MW-10	IN	IN	IN	IN
JPL81-002	12/04/2007 08:25 AM	12/03/2007 12:00 AM	DUPE-7-4007	IN	IN	IN	IN
JPL81-003	12/04/2007 08:25 AM	12/03/2007 12:00 AM	TB-15-12/3/07			IN	

Approved By:

On:

Notes:

Samples identified with a "*" client has requested QC for

LEGEND: -:Started , +:Completed , IN:Logged In , P:Preparation , A:Analysis , X:Cancelled, PL:Pre-logged

FORM LTL-PM-8.0

COMPANY: BATELLE
 ADDRESS: 3995 OLD TOWN AVE., SUITE 200
SAN DIEGO, CA 92115
 ATTENTION: DAVID CORNELL
 PROJECT NAME: JPL GW Mon. 4007
 PROJECT CONTACT: DAVID CORNELL
 TELEPHONE: 615-726-7311 FAX: _____
 JOB/PO. NO.: 6486090 / 214319

CHAIN OF CUSTODY RECORD

SDG # JPL81

44214

PAGE 1 OF 1

WORK ORDER ID# _____

SUBMITTED AT: _____

910 South Main St, Seattle, WA 98108 (206) 767-5000 FAX 767-5065
 1100 1st Avenue, Redmond, WA 98073 (509) 238-4000 FAX 452-1265



TESTS TO PERFORM

MATRIX: WATER, SOIL OR SPECIFY	NO. OF CONTAINERS	TESTS TO PERFORM
	VOE (524.2)	2
	TOTAL Cr (200.8)	
	ClO4 (314.0)	

OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS

LAB/SAT	SAMPLE ID / LOCATION	DATE	TIME	W	S	X	X	X	DUPLICATE	TRIP BLANK
1	MW-10	12/3/07	0836	W	S	X	X	X		
2	DURE-7-4007	12/3/07	---	W	S	X	X	X	DUPLICATE	
3	TRB-15-12/3/07	12/3/07	---	W	S	X	X	X		TRIP BLANK

A. A standard turnaround time is assumed unless otherwise marked.
 B. The laboratory may not be responsible for missed holding time for samples received with less than 50% of the analytical hold time remaining. Please contact the laboratory for further information.

1. USE ONE LINE PER SAMPLE
2. BE SPECIFIC IN TEST REQUESTS
3. CHECK OFF TESTS TO BE PERFORMED FOR EACH SAMPLE

NAME: BATELLE
 ATTN: CECILIA TOMPKINS
 ADDRESS: 505 KING AVE
 CITY, STATE, ZIP: COLUMBUS OH 43201

RECEIVED BY (SIGN AND PRINT): Elizabeth Golden
 DATE: 12/3/07
 TIME: 1130

RECEIVED BY (SIGN AND PRINT): Elizabeth Golden
 DATE: 12/11/07
 TIME: 0835

TOTAL NO. OF CONTAINERS: _____
 TURNAROUND REQUEST: _____
 STD - 10-14 WORKING DAYS
 24-48 HRS. (100% SUR)
 72 HRS. (75% SUR)
 5 DAYS (60% SUR)
 OTHER: _____
 TEMP: _____
 CUSTODY SEAL: Y N N/A

FORMS SUMMARY

SDG JPL81

VOLATILES ANALYSIS

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-10

Lab Name: _____
 SDG No.: JPL81
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023947
 Lab Sample ID: JPL81-001
 Lab File ID: B1204039.D
 Date Collected: 12/03/2007
 Date/Time Analyzed: 12/04/2007 22:18
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.66	
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.79	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	4.8	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.79	

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-10

Lab Name: _____
 SDG No.: JPL81
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023947
 Lab Sample ID: JPL81-001
 Lab File ID: B1204039.D
 Date Collected: 12/03/2007
 Date/Time Analyzed: 12/04/2007 22:18
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	1.3	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-10

Lab Name: _____
 SDG No.: JPL81
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023947
 Lab Sample ID: JPL81-001
 Lab File ID: B1204039.D
 Date Collected: 12/03/2007
 Date/Time Analyzed: 12/04/2007 22:18
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-7-4Q07

Lab Name: _____
 SDG No.: JPL81
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023947
 Lab Sample ID: JPL81-002
 Lab File ID: B1204040.D
 Date Collected: 12/03/2007
 Date/Time Analyzed: 12/04/2007 22:43
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.64	
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.78	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	4.6	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.93	

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-7-4Q07

Lab Name: _____
 SDG No.: JPL81
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023947
 Lab Sample ID: JPL81-002
 Lab File ID: B1204040.D
 Date Collected: 12/03/2007
 Date/Time Analyzed: 12/04/2007 22:43
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		ug/L	
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	1.3	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-7-4Q07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL81

Run Sequence: R023947

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL81-002

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: B1204040.D

Level: (LOW/MED) _____

Date Collected: 12/03/2007

% Moisture: not dec. _____

Date/Time Analyzed: 12/04/2007 22:43

GC Column: ZB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-15-12/3/07

Lab Name: _____ Contract: JPL Groundwater Monitorin
 SDG No.: JPL81 Run Sequence: R023947
 Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL81-003
 Sample wt/vol: 5.00 (g/mL) mL Lab File ID: B1204025.D
 Level: (LOW/MED) _____ Date Collected: 12/03/2007
 % Moisture: not dec. _____ Date/Time Analyzed: 12/04/2007 16:23
 GC Column: ZB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-15-12/3/07

Lab Name: _____
 SDG No.: JPL81
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023947
 Lab Sample ID: JPL81-003
 Lab File ID: B1204025.D
 Date Collected: 12/03/2007
 Date/Time Analyzed: 12/04/2007 16:23
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-15-12/3/07

Lab Name: _____
 SDG No.: JPL81
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: ZB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R023947
 Lab Sample ID: JPL81-003
 Lab File ID: B1204025.D
 Date Collected: 12/03/2007
 Date/Time Analyzed: 12/04/2007 16:23
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

FORMS SUMMARY

JPL81

Metals Data

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-10

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL81

Matrix (soil/water): Water

Lab Sample ID: JPL81-001

Level (low/med): LOW

Date Received: 12/04/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	26.2		E	M	R024161

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

DUPE-7-4Q07

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL81

Matrix (soil/water): Water

Lab Sample ID: JPL81-002

Level (low/med): LOW

Date Received: 12/04/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	24.0		E	M	R024161

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

FORMS SUMMARY

JPL81

Miscellaneous Inorganics

Laucks Testing Laboratories, Inc.

Final Results

Client: Battelle Project: JPL Groundwater Monitoring
SDG Number: JPL81
Sample Number: MW-10 Date/Time Collected: 12/03/2007 08:36
Lab Sample ID: JPL81-001 Date/Time Received: 12/04/2007 08:25
Method/Qbatch*: E314.0/25241 Unit: ug/L
Instrument: Ion Chromatograph (2) File: N/A

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	5	6.6		5.0	0.70	12/12/2007	12/12/2007	R024185

Laucks Testing Laboratories, Inc.

Final Results

Client: Battelle Project: JPL Groundwater Monitoring
SDG Number: JPL81
Sample Number: DUPE-7-4Q07 Date/Time Collected: 12/03/2007 00:00
Lab Sample ID: JPL81-002 Date/Time Received: 12/04/2007 08:25
Method/Qbatch*: E314.0/25241 Unit: ug/L
Instrument: Ion Chromatograph (2) File: N/A

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	4	4.0		4.0	0.56	12/12/2007	12/12/2007	R024185

LAUCKS TESTING LABORATORIES

SAMPLE DATA PACKAGE

BATTELLE

SDG NO.: JPL82

December 21, 2007

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

To: Battelle
Project Name: JPL Groundwater
SDG No.: JPL82
Date of Report: December 21, 2007

SAMPLE RECEIPT, IDENTIFICATION, AND GENERAL COMMENTS:

Sample Receipt and Identification:

The samples submitted under the laboratory number(s) indicated above were identified and analyzed as tabulated below. The samples were collected and received on the dates noted on the enclosed chain-of-custody copies, Attachment A.

<u>Client Sample Identification</u>	<u>Laucks Sample Identification</u>	<u>Testing Analytical Request</u>
MW-1	JPL82-001	VOA/MET/PER
MW-9	JPL82-002	VOA/MET/PER
TB-16-4Q07-12/05/07	JPL82-003	VOA

Analytical Request Key:

VOA = Volatiles (524.2)
MET = Chromium (200.8)
PER = Perchlorate (314.0)

Sample Receipt Comments:

The following discrepancies were noted in association with the receipt of these samples. One of six VOA vials for sample MW-9 was received broken.

GENERAL REMARKS ON ORGANIC ANALYSES:

The following comments describe general analysis conditions. For remarks specific to the samples reported in this case, see "SPECIFIC REMARKS ON ORGANIC ANALYSIS."

Manual Integrations:

One or more analytes may have been manually integrated on the data system quantitation reports. All manual integrations have been flagged, initialed, and dated by the analyst. A list of the manual integration flags is detailed below.

M Manual integration due to irregular peak shape
MS Manual integration due to split peak
MR Manual integration due to retention time shift

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

MI Manual integration of correct isomer
MT Manual integration due to peak tailing
MB Manual integration due to irregular baseline

Holding Time Compliance:

Volatile Organic Compounds:

The holding time is 14 days calculated from date of collection in both soil and water samples. All samples were analyzed within holding time.

Volatiles Fraction:

Continuing Calibration Verification (CCV):

In the CCV performed on 12/11/2007 the percent difference value for trichlorofluoromethane exceeded 30% due to increased response. This analyte was not detected in any associated samples; no further action was taken.

Quality Control Analyses:

MSD analysis performed on sample MW-9 yielded a low recovery value for dichlorodifluoromethane and several RPD values were out of control limits. Because these values were in control in the MS analysis and associated blank spike, no further action was taken.

GENERAL REMARKS ON INORGANIC ANALYSES:

The following comments describe general analysis conditions. For remarks specific to the samples reported in this case, see "SPECIFIC REMARKS ON INORGANIC ANALYSES."

ICP Metals:

On the first timed and dated page of each ICP-MS run, the data to be reported or rejected will be tabulated for that run.

SPECIFIC REMARKS ON INORGANIC ANALYSES:

Holding Time Compliance:

Laucks calculates holding time compliance for inorganic determinations using the date on which reportable data were acquired.

Metals:

The holding time for metals is six months from the date of collection, excepting mercury, which is 28 days. All analyses were performed within holding time.

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Seattle, WA 98108

Miscellaneous:

The following analytes do not have a Contract Laboratory Program holding time. The holding times tabulated below derive from the relevant EPA methods and are applicable when the sample was appropriately preserved and/or cooled. All samples submitted followed the preservation guidelines unless explicitly noted otherwise.

<u>Analyte</u>	<u>Holding Time</u>	<u>Violations</u>
Perchlorate	28 days	None

ICP-MS Metals:

The serial dilutions for the element chromium did not agree within 10% of the original determination after correction for dilution for samples MW-1 and MW-9. No further corrective action was required. All relevant data have been flagged with an "E" on the applicable Forms 1 and 9.

Miscellaneous Inorganics:

For run sequence R024164, the first continuing calibration verification recovery was outside the established control limits for the perchlorate analysis. Only samples that are less than the reporting limit are bracketed by this CCV. All other quality control elements were within control limits. Therefore, no further action was taken.

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Seattle, WA 98108

ABBREVIATIONS

Several abbreviations can appear in our reports. The most commonly employed abbreviations are as follows:

- U The analyte of interest was not detected to the limit of detection indicated.
- SDL Sample Detection Limit. The SDL can vary from sample to sample, depending on sample size, matrix interferences, moisture content and other sample-specific conditions.
- PQL Practical Quantitation Limit. The limit is drawn from the test method and usually represents the SDL multiplied by a matrix-specific factor.
- DB Dry Basis. The value reported has been back-calculated to normalize for the moisture content of the sample.
- AR As-Received. The value has not been normalized for moisture.

ORGANIC ANALYSES:

- B When used in relation to organics fractions, the "B" flag indicates that the analyte of interest was detected in the method blank associated with the sample, as well as in the sample itself. The "B" flag is applied without regard to the relative concentrations detected in the blank and sample.
 - J The analyte of interest was detected below the routine reporting limit. This value should be regarded as an estimate.
 - T The flagged values represent the SUM of two co-eluting compounds. The SUM of these two values is shown as though it were a result for each of them. The two figures should not be added together.
 - E The flagged value was reported from an analysis that exceeded the linear range of the instrument. See additional comments for further discussion of the circumstances. Values so flagged should be considered estimates.
 - P When a dual column GC technique is employed, this flag indicates that test results from the two columns differ by more than 25%. Generally, we report the higher value.
 - C The flagged analyte has been confirmed by GC/MS analysis. The value reported may be derived from either the initial or confirmatory (GC/MS) analysis. See specific report comments for details.
 - ~ This result has been identified as non-primary based on the analyst's professional judgment.
- CRQL Client requested Quantitation Limit, usually the limit of detection specified at your request. Might also be referred to as Contract Required Quantitation Limit.

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INORGANIC ANALYSES:

J The reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL). If the analyte was analyzed for but not detected, a "U" shall be entered.

E The reported value is estimated because of the presence of interference. The serial dilution was not within control limits.

N Spiked sample recovery not within control limits.

* Duplicate analysis not within control limits.

CRDL Client Requested Detection Limit, usually the limit of detection specified at your request. Might also be referred to as Contract Required Detection Limit.

LAUCKS TESTING LABORATORIES

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Seattle, WA 98108

RELEASE OF DATA

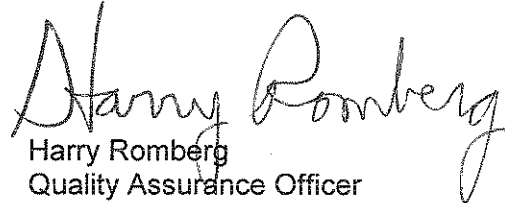
Laucks certifies that these results meet all requirements of the NELAC standards, except where otherwise noted.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."

Respectfully submitted,


Kara Godineaux
Project Manager

12/21/07
(DATE)


Harry Romberg
Quality Assurance Officer

12/21/07
(DATE)

HOW TO CONTACT US:

All Laucks Testing Laboratories staff members can be reached at the same telephone and facsimile numbers: (206) 767-5060 by phone, (206) 767-5063 by FAX.

REQUESTS FOR DUPLICATE COPIES:

This packet has been checked for accuracy. All pages are present and in sequential order. Please see Attachment B for a detailed record.

In the event that duplicate data copies are needed, Laucks will accommodate your request at a fee of twenty-five cents (\$0.25) per copy, plus shipping. If the data are in storage, there will also be a fee for retrieval.

LAUCKS TESTING LABORATORIES
940 S. Harney
Seattle, WA 98108

ATTACHMENT A

Chain-of-Custody Copies

LAUCKS TESTING LABORATORIES, INC. - SAMPLE CONFIRMATION LOG

Sample ID (SDG-#)	VTSR	Collected On	Client ID	200.8 Total Cr	314.0 Perchlorate	524.2 Volatile Organics + TICs (JPL Special list)	TurMet for 200.7/200.8 TurMet
*JPL82-001	12/06/2007 08:50 AM	12/05/2007 08:16 AM	MW-1	IN	IN	IN	IN
*JPL82-002	12/06/2007 08:50 AM	12/05/2007 09:45 AM	MW-9	IN	IN	IN	IN
JPL82-003	12/06/2007 08:50 AM	12/05/2007 12:00 AM	TB-16-4Q07-12/05/07			IN	

Approved By:

On:

Notes:

Samples identified with a '*' client has requested QC for

LEGEND: -:Started , +:Completed , IN:Logged In , P:Preparation , A:Analysis , X:Cancelled, PL:Pre-logged

FORM LTL-PM-8.0

THIS INFORMATION WILL BE USED FOR REPORTING/BILLING (SEE BELOW)

COMPANY: BATTELLE
 ADDRESS: 3990 OLD TOWN AVE, C-205
SAN DIEGO, CA 92110
 ATTENTION: DAVID COULTER
 PROJECT NAME: SPL GW MSU 4807
 PROJECT CONTACT: DAVID COULTER
 TELEPHONE: 619-726-7311 FAX: _____
 JOB/P.O. NO.: 4486090/214319

CHAIN OF CUSTODY RECORD SDG # _____

45018

WORK ORDER ID#

SPL82

PAGE 1 OF 1

SUBMITTED AT:

940 South Haney St., Seattle, WA 98108 (206) 767-5060 FAX 767-5063
 11th Everitt Ave., Yarkon, WA 98902 (509) 248-6935 FAX 423-1365

TESTS TO PERFORM

MATRIX: WATER, SOIL OR SPECIFY	NO. OF CONTAINERS
	<u>VOL (574.2)</u>
	<u>TOTAL W (200.8)</u>
	<u>CL04 (314.0)</u>

OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS

LABS#	SAMPLE ID / LOCATION	DATE	TIME	MATRIX	NO. OF CONTAINERS	TESTS TO PERFORM	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
1	<u>MW-1</u>	<u>12/05/07</u>	<u>0816</u>	<u>W</u>	<u>10</u>	<u>X</u>	<u>X</u>	<u>LEVEL TR AC/MSD</u>
2	<u>MW-9</u>		<u>0945</u>			<u>X</u>	<u>X</u>	<u>MS/MSD</u>
3	<u>TR-16-4807-17/05/07</u>				<u>2</u>	<u>X</u>		<u>TRIP BLANK</u>

A. A standard turnaround time is assumed unless otherwise marked.

B. The laboratory may not be responsible for missed holding time for samples received with less than 50% of the analytical hold time remaining. Please contact the laboratory for further information.

INSTRUCTIONS
 1. USE ONE LINE PER SAMPLE
 2. BE SPECIFIC IN TEST REQUESTS.
 3. CHECK OFF TESTS TO BE PERFORMED FOR EACH SAMPLE.

BILLING INFORMATION - DIFFERENT THAN ABOVE
 NAME: BATTELLE
 ADDRESS: 505 KILB AVE
 CITY, STATE, ZIP: COLUMBUS, OH 43201

* PUSH TURNAROUND IS SUBJECT TO PRIOR LABORATORY APPROVAL
 TURNAROUND REQUEST:
 STD. 10-14 WORKING DAYS
 24-48 HRS. (100% SUR)
 72 HRS. (75% SUR)
 5 DAYS (50% SUR)
 TEMP.
 OTHER
 CUSTODY SEAL: Y N N/A

RELINQUISHED BY (SIGN AND PRINT): CHASE BROOKMAN DATE: 12/05/07
 RECEIVED BY (SIGN AND PRINT): Elizabeth Golden DATE: 12/05/07



FORMS SUMMARY

SDG JPL82

VOLATILES ANALYSIS

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-1

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL82

Run Sequence: R024139

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL82-001

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y1211028.D

Level: (LOW/MED) _____

Date Collected: 12/05/2007

% Moisture: not dec. _____

Date/Time Analyzed: 12/11/2007 18:12

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-1

Lab Name: _____
 SDG No.: JPL82
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: DB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R024139
 Lab Sample ID: JPL82-001
 Lab File ID: Y1211028.D
 Date Collected: 12/05/2007
 Date/Time Analyzed: 12/11/2007 18:12
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	Q
		<u>ug/L</u>	
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-1

Lab Name: _____
 SDG No.: JPL82
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: DB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R024139
 Lab Sample ID: JPL82-001
 Lab File ID: Y1211028.D
 Date Collected: 12/05/2007
 Date/Time Analyzed: 12/11/2007 18:12
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-9

Lab Name: _____
 SDG No.: JPL82
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: DB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R024139
 Lab Sample ID: JPL82-002
 Lab File ID: Y1211029.D
 Date Collected: 12/05/2007
 Date/Time Analyzed: 12/11/2007 18:37
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-9

Lab Name: _____
 SDG No.: JPL82
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: DB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R024139
 Lab Sample ID: JPL82-002
 Lab File ID: Y1211029.D
 Date Collected: 12/05/2007
 Date/Time Analyzed: 12/11/2007 18:37
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-9

Lab Name: _____
 SDG No.: JPL82
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: DB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R024139
 Lab Sample ID: JPL82-002
 Lab File ID: Y1211029.D
 Date Collected: 12/05/2007
 Date/Time Analyzed: 12/11/2007 18:37
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-16-4Q07-12/05/07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL82

Run Sequence: R024139

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL82-003

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y1211024.D

Level: (LOW/MED) _____

Date Collected: 12/05/2007

% Moisture: not dec. _____

Date/Time Analyzed: 12/11/2007 16:34

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-16-4Q07-12/05/07

Lab Name: _____
 SDG No.: JPL82
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: DB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R024139
 Lab Sample ID: JPL82-003
 Lab File ID: Y1211024.D
 Date Collected: 12/05/2007
 Date/Time Analyzed: 12/11/2007 16:34
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-16-4Q07-12/05/07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL82

Run Sequence: R024139

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL82-003

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y1211024.D

Level: (LOW/MED) _____

Date Collected: 12/05/2007

% Moisture: not dec. _____

Date/Time Analyzed: 12/11/2007 16:34

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____ (uL)

Soil Aliquot Volume: _____ (uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

FORMS SUMMARY

JPL82

Metals Data

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-1

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL82

Matrix (soil/water): Water

Lab Sample ID: JPL82-001

Level (low/med): LOW

Date Received: 12/06/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	10.4		E	M	R024161

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-9

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL82

Matrix (soil/water): Water

Lab Sample ID: JPL82-002

Level (low/med): LOW

Date Received: 12/06/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	11.3		E	M	R024161

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

FORMS SUMMARY

JPL82

Miscellaneous Inorganics

Laucks Testing Laboratories, Inc.

Final Results

Client: Battelle Project: JPL Groundwater Monitoring
SDG Number: JPL82
Sample Number: MW-1 Date/Time Collected: 12/05/2007 08:16
Lab Sample ID: JPL82-001 Date/Time Received: 12/06/2007 08:50
Method/Qbatch*: E314.0/25213 Unit: ug/L
Instrument: None File: N/A

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2	2.0	U	2.0	0.28	12/07/2007	12/08/2007	R024164

Laucks Testing Laboratories, Inc.

Final Results

Client: Battelle Project: JPL Groundwater Monitoring
SDG Number: JPL82
Sample Number: MW-9 Date/Time Collected: 12/05/2007 09:45
Lab Sample ID: JPL82-002 Date/Time Received: 12/06/2007 08:50
Method/Qbatch*: E314.0/25213 Unit: ug/L
Instrument: None File: N/A

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	2	2.0	U	2.0	0.28	12/07/2007	12/08/2007	R024164

LAUCKS TESTING LABORATORIES

SAMPLE DATA PACKAGE

BATTELLE

SDG NO.: JPL83

December 27, 2007

LAUCKS TESTING LABORATORIES

940 S. Harney
Seattle, WA 98108

To: Battelle
Project Name: JPL Groundwater
SDG No.: JPL83
Date of Report: December 27, 2007

SAMPLE RECEIPT, IDENTIFICATION, AND GENERAL COMMENTS:

Sample Receipt and Identification:

The samples submitted under the laboratory number(s) indicated above were identified and analyzed as tabulated below. The samples were collected and received on the dates noted on the enclosed chain-of-custody copies, Attachment A.

<u>Client Sample Identification</u>	<u>Laucks Sample Identification</u>	<u>Testing Analytical Request</u>
MW-5	JPL83-001	VOA/MET/PER
MW-6	JPL83-002	VOA/MET/PER
DUPE-8-4Q07	JPL83-003	VOA/MET/PER
TB-17-12/06/07	JPL83-004	VOA

Analytical Request Key:

VOA = Volatiles (524.2)
MET = Chromium (200.8)
PER = Perchlorate (314.0)

Sample Receipt Comments:

The following discrepancies were noted in association with the receipt of these samples. Two of three volatiles bottles submitted for MW-5 contained bubbles of less than 1/4 inch in size. Three of six volatiles bottles submitted for MW-6 contained bubbles of greater than 1/4 inch in size. Three of six volatiles bottles submitted for MW-6 contained bubbles of less than 1/4 inch in size. Two of three volatiles bottles submitted for DUPE-8-4Q07 contained bubbles of less than 1/4 inch in size.

GENERAL REMARKS ON ORGANIC ANALYSES:

The following comments describe general analysis conditions. For remarks specific to the samples reported in this case, see "SPECIFIC REMARKS ON ORGANIC ANALYSIS."

Manual Integrations:

One or more analytes may have been manually integrated on the data system quantitation reports. All manual integrations have been flagged, initialed, and dated by the analyst. A list of the manual integration flags is detailed below.

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Seattle, WA 98108

M	Manual integration due to irregular peak shape
MS	Manual integration due to split peak
MR	Manual integration due to retention time shift
MI	Manual integration of correct isomer
MT	Manual integration due to peak tailing
MB	Manual integration due to irregular baseline

Holding Time Compliance:

Volatile Organic Compounds:

The holding time is 14 days calculated from date of collection in both soil and water samples. All samples were analyzed within holding time.

Volatiles Fraction:

Continuing Calibration Verification (CCV):

In the CCV performed on 12/11/2007 the percent difference value for trichlorofluoromethane exceeded 30% due to increased response. This analyte was not detected in any associated samples; no further action was taken.

All other quality control parameters were met.

GENERAL REMARKS ON INORGANIC ANALYSES:

The following comments describe general analysis conditions. For remarks specific to the samples reported in this case, see "SPECIFIC REMARKS ON INORGANIC ANALYSES."

ICP-MS Metals:

On the first timed and dated page of each ICP-MS run, the data to be reported or rejected will be tabulated for that run.

SPECIFIC REMARKS ON INORGANIC ANALYSES:

Holding Time Compliance:

Laucks calculates holding time compliance for inorganic determinations using the date on which reportable data were acquired.

Metals:

The holding time for metals is six months from the date of collection, excepting mercury, which is 28 days. All analyses were performed within holding time.

Miscellaneous:

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The following analytes do not have a Contract Laboratory Program holding time. The holding times tabulated below derive from the relevant EPA methods and are applicable when the sample was appropriately preserved and/or cooled. All samples submitted followed the preservation guidelines unless explicitly noted otherwise.

<u>Analyte</u>	<u>Holding Time</u>	<u>Violations</u>
Perchlorate	28 days	None

ICP-MS Metals:

The serial dilution for the element chromium did not agree within 10% of the original determination after correction for dilution for sample MW-6. No further corrective action was required. All relevant data have been flagged with an "E" on the applicable Forms 1 and 9.

Miscellaneous Inorganics:

No comments.

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ABBREVIATIONS

Several abbreviations can appear in our reports. The most commonly employed abbreviations are as follows:

- U The analyte of interest was not detected to the limit of detection indicated.
- SDL Sample Detection Limit. The SDL can vary from sample to sample, depending on sample size, matrix interferences, moisture content and other sample-specific conditions.
- PQL Practical Quantitation Limit. The limit is drawn from the test method and usually represents the SDL multiplied by a matrix-specific factor.
- DB Dry Basis. The value reported has been back-calculated to normalize for the moisture content of the sample.
- AR As-Received. The value has not been normalized for moisture.

ORGANIC ANALYSES:

- B When used in relation to organics fractions, the "B" flag indicates that the analyte of interest was detected in the method blank associated with the sample, as well as in the sample itself. The "B" flag is applied without regard to the relative concentrations detected in the blank and sample.
 - J The analyte of interest was detected below the routine reporting limit. This value should be regarded as an estimate.
 - T The flagged values represent the SUM of two co-eluting compounds. The SUM of these two values is shown as though it were a result for each of them. The two figures should not be added together.
 - E The flagged value was reported from an analysis that exceeded the linear range of the instrument. See additional comments for further discussion of the circumstances. Values so flagged should be considered estimates.
 - P When a dual column GC technique is employed, this flag indicates that test results from the two columns differ by more than 25%. Generally, we report the higher value.
 - C The flagged analyte has been confirmed by GC/MS analysis. The value reported may be derived from either the initial or confirmatory (GC/MS) analysis. See specific report comments for details.
 - ~ This result has been identified as non-primary based on the analyst's professional judgment.
- CRQL Client requested Quantitation Limit, usually the limit of detection specified at your request. Might also be referred to as Contract Required Quantitation Limit.

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INORGANIC ANALYSES:

- J The reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Instrument Detection Limit (IDL). If the analyte was analyzed for but not detected, a "U" shall be entered.
 - E The reported value is estimated because of the presence of interference. The serial dilution was not within control limits.
 - N Spiked sample recovery not within control limits.
 - * Duplicate analysis not within control limits.
- CRDL Client Requested Detection Limit, usually the limit of detection specified at your request. Might also be referred to as Contract Required Detection Limit.

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RELEASE OF DATA

Laucks certifies that these results meet all requirements of the NELAC standards, except where otherwise noted.

"I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or his designee, as verified by the following signature."

Respectfully submitted,


Kara Godineaux
Project Manager

12/27/07
(DATE)


Harry Romberg
Quality Assurance Officer

12/27/07
(DATE)

HOW TO CONTACT US:

All Laucks Testing Laboratories staff members can be reached at the same telephone and facsimile numbers: (206) 767-5060 by phone, (206) 767-5063 by FAX.

REQUESTS FOR DUPLICATE COPIES:

This packet has been checked for accuracy. All pages are present and in sequential order. Please see Attachment B for a detailed record.

In the event that duplicate data copies are needed, Laucks will accommodate your request at a fee of twenty-five cents (\$0.25) per copy, plus shipping. If the data are in storage, there will also be a fee for retrieval.

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ATTACHMENT A

Chain-of-Custody Copies

LAUCKS TESTING LABORATORIES, INC. - SAMPLE CONFIRMATION LOG

Sample ID (SDG-#)	VTSR	Collected On	Client ID	200.8 Total Cr	314.0 Perchlorate	524.2 Volatile Organics + TICs (JPL Special list)	TurMet for 200.7/200.8 TurMet
JPL83-001	12/07/2007 09:20 AM	12/06/2007 09:40 AM	MW-5	IN	IN	IN	IN
*JPL83-002	12/07/2007 09:20 AM	12/06/2007 12:22 PM	MW-6	IN	IN	IN	IN
JPL83-003	12/07/2007 09:20 AM	12/06/2007 12:00 AM	DUPE-8-4Q07	IN	IN	IN	IN
JPL83-004	12/07/2007 09:20 AM	12/06/2007 12:00 AM	TB-17-12/06/07			IN	

Approved By:
Notes:

On:

Samples identified with a "*" client has requested QC for

LEGEND: -:Started, +:Completed, IN:Logged In, P:Preparation, A:Analysis, X:Cancelled, PL:Pre-logged

FORM LTL-PM-8.0

THIS INFORMATION WILL BE USED FOR REPORTING/BILLING (SEE BELOW)

5347

COMPANY: BATELLE
 ADDRESS: 3490 OLD TOWN AVE, C-205
SAN DIEGO, CA 92110
 ATTENTION: DAVID LOWMEL
 PROJECT NAME: TRC GW MON 4007
 PROJECT CONTACT: DAVID CONNER
 TELEPHONE: 619-726-7311 FAX: _____
 JOB/PO. NO.: G486995 / 214 319

CHAIN OF CUSTODY RECORD

44215

SDG # 7P183

PAGE 1 OF 1

WORK ORDER ID# _____

SUBMITTED AT: _____

TESTS TO PERFORM

Testing Laboratories, Inc. 910
 910 South Hemlock St, Seattle, WA 98108 (206) 767-5000 FAX 767-5063
 1106 Ledwith Ave, Yakima, WA 99012 (509) 248-4605 FAX 522-1265

MATRIX: WATER, SOIL OR SPECIFY
 NO. OF CONTAINERS
VOE (524.2)
TOTAL cr (2008)
C104 (314.0)

2

OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS

LAB #	SAMPLE ID / LOCATION	DATE	TIME															
1	AW-5	12/06/07	0940	W	5	X	X	X										
1	AW-5	12/06/07	0940	W	5	X	X	X										
2	AW-6		1222		10	X	X	X										
3	DURE-8-4207				5	X	X	X										
4	TR-17-12/06/07				2	X												

3

TRIP BLANK

A. A standard turnaround time is assumed unless otherwise marked. B. The laboratory may not be responsible for missed holding time for samples received with less than 50% of the analytical hold time remaining. Please contact the laboratory for further information.

- INSTRUCTIONS
1. USE ONE LINE PER SAMPLE
 2. BE SPECIFIC IN TEST REQUESTS
 3. CHECK OFF TESTS TO BE PERFORMED FOR EACH SAMPLE

PRE-INCUBATED BY SIGN AND PRINT

BILING INFORMATION (IF DIFFERENT THAN ABOVE)

RECEIVED BY (SIGN AND PRINT)

NAME: BATELLE
 ATTN: GENARD TOMPkins

ADDRESS: 505 LEVIG AVE
 CITY, STATE, ZIP: COLUMBIAS OH 43201

* RUSH TURNAROUND IS SUBJECT TO PRIOR LABORATORY APPROVAL

DATE: 12/06/07 TIME: 1330

DATE: 12/17/07 TIME: 920

Chase Broadson

David Chang

TURNAROUND REQUEST
 STD. 10-14 WORKING DAYS
 24-48 HRS. (100% SUR)
 72 HRS. (75% SUR)
 5 DAYS (60% SUR)
 OTHER _____
 TEMP _____
 CUSTODY SEAL Y N N/A



FORMS SUMMARY

SDG JPL83

VOLATILES ANALYSIS

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-5

Lab Name: _____ Contract: JPL Groundwater Monitorin

SDG No.: JPL83 Run Sequence: R024139

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL83-001

Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1211030.D

Level: (LOW/MED) _____ Date Collected: 12/06/2007

% Moisture: not dec. _____ Date/Time Analyzed: 12/11/2007 19:02

GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	2.1	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.35	J
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	6.4	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-5

Lab Name: _____
 SDG No.: JPL83
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: DB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R024139
 Lab Sample ID: JPL83-001
 Lab File ID: Y1211030.D
 Date Collected: 12/06/2007
 Date/Time Analyzed: 12/11/2007 19:02
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.74	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-5

Lab Name: _____
 SDG No.: JPL83
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: DB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R024139
 Lab Sample ID: JPL83-001
 Lab File ID: Y1211030.D
 Date Collected: 12/06/2007
 Date/Time Analyzed: 12/11/2007 19:02
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-6

Lab Name: _____
 SDG No.: JPL83
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: DB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R024139
 Lab Sample ID: JPL83-002
 Lab File ID: Y1211031.D
 Date Collected: 12/06/2007
 Date/Time Analyzed: 12/11/2007 19:26
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.72	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.55	
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.55	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	1.5	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-6

Lab Name: _____
 SDG No.: JPL83
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: DB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R024139
 Lab Sample ID: JPL83-002
 Lab File ID: Y1211031.D
 Date Collected: 12/06/2007
 Date/Time Analyzed: 12/11/2007 19:26
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.96	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MW-6

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL83

Run Sequence: R024139

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL83-002

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y1211031.D

Level: (LOW/MED) _____

Date Collected: 12/06/2007

% Moisture: not dec. _____

Date/Time Analyzed: 12/11/2007 19:26

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-8-4Q07

Lab Name: _____ Contract: JPL Groundwater Monitorin
 SDG No.: JPL83 Run Sequence: R024139
 Matrix: (SOIL/SED/WATER) Water Lab Sample ID: JPL83-003
 Sample wt/vol: 5.00 (g/mL) mL Lab File ID: Y1211032.D
 Level: (LOW/MED) _____ Date Collected: 12/06/2007
 % Moisture: not dec. _____ Date/Time Analyzed: 12/11/2007 19:51
 GC Column: DB-624 20m ID: 0.18 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____(uL) Soil Aliquot Volume: _____(uL)
 Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	1.8	
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.40	J
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	6.1	
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-8-4Q07

Lab Name: _____
 SDG No.: JPL83
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: DB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____ (uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R024139
 Lab Sample ID: JPL83-003
 Lab File ID: Y1211032.D
 Date Collected: 12/06/2007
 Date/Time Analyzed: 12/11/2007 19:51
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____ (uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.73	
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUPE-8-4Q07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL83

Run Sequence: R024139

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL83-003

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y1211032.D

Level: (LOW/MED) _____

Date Collected: 12/06/2007

% Moisture: not dec. _____

Date/Time Analyzed: 12/11/2007 19:51

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	<u>Q</u>
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-17-12/06/07

Lab Name: _____
 SDG No.: JPL83
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: DB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R024139
 Lab Sample ID: JPL83-004
 Lab File ID: Y1211025.D
 Date Collected: 12/06/2007
 Date/Time Analyzed: 12/11/2007 16:58
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
75-09-2	Methylene chloride	1.0	U
1634-04-4	Methyl tert-butyl ether	0.50	U
156-60-5	trans-1,2-Dichloroethene	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
594-20-7	2,2-Dichloropropane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
563-58-6	1,1-Dichloropropene	0.50	U
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U
79-01-6	Trichloroethene	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
74-95-3	Dibromomethane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-17-12/06/07

Lab Name: _____
 SDG No.: JPL83
 Matrix: (SOIL/SED/WATER) Water
 Sample wt/vol: 5.00 (g/mL) mL
 Level: (LOW/MED) _____
 % Moisture: not dec. _____
 GC Column: DB-624 20m ID: 0.18 (mm)
 Soil Extract Volume: _____(uL)
 Heated Purge: (Y/N) N

Contract: JPL Groundwater Monitorin
 Run Sequence: R024139
 Lab Sample ID: JPL83-004
 Lab File ID: Y1211025.D
 Date Collected: 12/06/2007
 Date/Time Analyzed: 12/11/2007 16:58
 Dilution Factor: 1.0
 Soil Aliquot Volume: _____(uL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: ug/L	Q
10061-02-	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
142-28-9	1,3-Dichloropropane	0.50	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
630-20-6	1,1,1,2-Tetrachloroethane	0.50	U
179601-23	m,p-Xylene	1.0	U
95-47-6	o-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
103-65-1	n-Propylbenzene	0.50	U
108-86-1	Bromobenzene	0.50	U
96-18-4	1,2,3-Trichloropropane	0.50	U
95-49-8	2-Chlorotoluene	0.50	U
108-67-8	1,3,5-Trimethylbenzene	0.50	U
106-43-4	4-Chlorotoluene	0.50	U
98-06-6	tert-Butylbenzene	0.50	U
95-63-6	1,2,4-Trimethylbenzene	0.50	U
135-98-8	sec-Butylbenzene	0.50	U
99-87-6	4-Isopropyltoluene	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
104-51-8	n-Butylbenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U

1
VOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

TB-17-12/06/07

Lab Name: _____

Contract: JPL Groundwater Monitorin

SDG No.: JPL83

Run Sequence: R024139

Matrix: (SOIL/SED/WATER) Water

Lab Sample ID: JPL83-004

Sample wt/vol: 5.00 (g/mL) mL

Lab File ID: Y1211025.D

Level: (LOW/MED) _____

Date Collected: 12/06/2007

% Moisture: not dec. _____

Date/Time Analyzed: 12/11/2007 16:58

GC Column: DB-624 20m ID: 0.18 (mm)

Dilution Factor: 1.0

Soil Extract Volume: _____(uL)

Soil Aliquot Volume: _____(uL)

Heated Purge: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS:	
		<u>ug/L</u>	Q
96-12-8	1,2-Dibromo-3-chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-68-3	Hexachlorobutadiene	0.50	U
91-20-3	Naphthalene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

Comments:

FORMS SUMMARY

JPL83

Metals Data

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-5

Lab Name: Laucks Laboratories Contract: JPL Groundwater Monitorin
 Lab Code: LAUCKS SDG No.: JPL83
 Matrix (soil/water): Water Lab Sample ID: JPL83-001
 Level (low/med): LOW Date Received: 12/07/2007
 % Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	6.47		E	M	R024213

Color Before: _____ Clarity Before: _____ Texture: _____
 Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

MW-6

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL83

Matrix (soil/water): Water

Lab Sample ID: JPL83-002

Level (low/med): LOW

Date Received: 12/07/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	7.50		E	M	R024213

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

INORGANIC ANALYSES DATA SHEET

SAMPLE NO.

DUPE-8-4Q07

Lab Name: Laucks Laboratories

Contract: JPL Groundwater Monitorin

Lab Code: LAUCKS

SDG No.: JPL83

Matrix (soil/water): Water

Lab Sample ID: JPL83-003

Level (low/med): LOW

Date Received: 12/07/2007

% Solids: _____

Concentration Units : ug/L

CAS No.	Analyte	Concentration	C	Q	M	Run Seq.
7440-47-3	Chromium	6.76		E	M	R024213

Color Before: _____ Clarity Before: _____ Texture: _____

Color After: _____ Clarity After: _____ Artifacts: No

Comment _____

FORMS SUMMARY

JPL83

Miscellaneous Inorganics

Laucks Testing Laboratories, Inc.

Final Results

Client: Battelle Project: JPL Groundwater Monitoring
SDG Number: JPL83
Sample Number: MW-5 Date/Time Collected: 12/06/2007 09:40
Lab Sample ID: JPL83-001 Date/Time Received: 12/07/2007 09:20
Method/Qbatch*: E314.0/25241 Unit: ug/L
Instrument: Ion Chromatograph (2) File: N/A

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	3	29		3.0	0.42	12/12/2007	12/13/2007	R024185

Laucks Testing Laboratories, Inc.

Final Results

Client: Battelle Project: JPL Groundwater Monitoring
SDG Number: JPL83
Sample Number: MW-6 Date/Time Collected: 12/06/2007 12:22
Lab Sample ID: JPL83-002 Date/Time Received: 12/07/2007 09:20
Method/Qbatch*: E314.0/25241 Unit: ug/L
Instrument: Ion Chromatograph (2) File: N/A

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	5	5.0	U	5.0	0.70	12/12/2007	12/13/2007	R024185

Laucks Testing Laboratories, Inc.

Final Results

Client: Battelle Project: JPL Groundwater Monitoring
SDG Number: JPL83
Sample Number: DUPE-8-4Q07 Date/Time Collected: 12/06/2007 00:00
Lab Sample ID: JPL83-003 Date/Time Received: 12/07/2007 09:20
Method/Qbatch*: E314.0/25241 Unit: ug/L
Instrument: Ion Chromatograph (2) File: N/A

Analyte	CAS	DF	Result	Q	PQL	MDL	Prepared	Analyzed	Run Seq.
Perchlorate	14797-73-0	3	31		3.0	0.42	12/12/2007	12/13/2007	R024185

CAS SR #P0701058

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November 29, 2007

David Conner
Battelle
3990 Old Town Ave., Suite C-205
San Diego, CA 92110

RE: JPL Groundwater Monitoring 4Q07/Project #G486090

Dear David:

Enclosed are the results of the samples submitted to our laboratory on November 12-16, 2007. For your reference, these analyses have been assigned our service request number P0701058.

All analyses were performed in accordance with our laboratory's quality assurance program. Results are intended to be considered in their entirety and apply only to the samples analyzed. Columbia Analytical Services is not responsible for use of less than the complete report. Your report contains 61 pages.

Columbia Analytical Services is certified for environmental analyses by NELAP (certificate number: 02115CA) and Arizona Department of Health Services (License number: AZ0694).

If you have any questions, please call me at (805) 577-2086.

Respectfully submitted,

Columbia Analytical Services, Inc.



Sue Anderson
Project Chemist

SA

Columbia Analytical Services, Inc.

Acronyms

8015M	California DHS LUFT Method
ASTM	American Society for Testing and Materials
BOD	Biochemical Oxygen Demand
BTEX	Benzene/Toluene/Ethylbenzene/Xylenes
CAM	California Assessment Metals
CAS Number	Chemical Abstract Service Registry Number
CFC	Chlorofluorocarbon
COD	Chemical Oxygen Demand
CRDL	Contract Required Detection Limit
D	Detected; result must be greater than zero.
DL	Detected; result must be greater than the detection limit.
DLCS	Duplicate Laboratory Control Sample
DMS	Duplicate Matrix Spike
DOH or DHS	Department of Health Services
ELAP	Environmental Laboratory Accreditation Program
EPA	U.S. Environmental Protection Agency
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
IC	Ion Chromatography
ICB	Initial Calibration Blank sample
ICP	Inductively Coupled Plasma atomic emission spectrometry
ICV	Initial Calibration Verification sample
LCS	Laboratory Control Sample
LUFT	Leaking Underground Fuel Tank
M	Modified
MBAS	Methylene Blue Active Substances
MDL	Method Detection Limit
MRL	Method Reporting Limit
MS	Matrix Spike
MTBE	Methyl- <i>tert</i> -Butyl Ether
NA	Not Applicable
NC	Not Calculated
ND	None Detected at or above the Method Reporting/Detection Limit (MRL/MDL)
NTU	Nephelometric Turbidity Units
ppb	Parts Per Billion
ppm	Parts Per Million
PQL	Practical Quantitation Limit
QA/QC	Quality Assurance/Quality Control
RCRA	Resource Conservation and Recovery Act
RPD	Relative Percent Difference
SIM	Selected Ion Monitoring
SM	<i>Standard Methods for the Examination of Water and Wastewater</i> , 18th Ed., 1992.
STLC	Solubility Threshold Limit Concentration
SW	<i>Test Methods for Evaluating Solid Waste, Physical/Chemical Methods</i> SW-846, Third Edition, 1986 and as amended by Updates I, II, IIA, and IIB.
TCLP	Toxicity Characteristics Leaching Procedure
TDS	Total Dissolved Solids
TPH	Total Petroleum Hydrocarbons
TSS	Total Suspended Solids
TTLC	Total Threshold Limit Concentration
VOA	Volatile Organic Analyte(s)

Qualifiers

U	Undetected at or above MDL/MRL (PQL).
J	Estimated concentration. Analyte detected above MDL, but below MRL (PQL).
B	Hit above MRL (PQL) also found in Method Blank.
E	Analyte concentration above high point of ICAL.
N	Presumptive evidence of compound.
D	Result from dilution.
X	See case narrative.

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Battelle
Project: JPL Groundwater Monitoring 4Q07/G486090
Sample Matrix: Water

Service Request No.: P0701058
Date Received: 11/12-16/07

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of Columbia Analytical Services, Inc. (CAS). This report contains analytical results for samples designated for Tier IV deliverables. When appropriate to the method, method blank results have been reported with each analytical test.

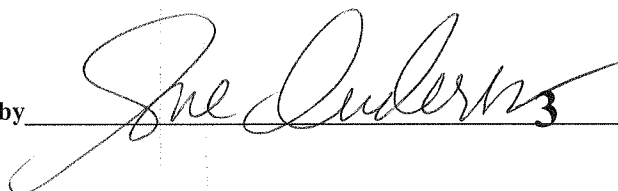
Sample Receipt

The samples were received for analysis at Columbia Analytical Services on 11/12-16/07. No discrepancies were noted upon initial sample inspection. The samples were received in good condition and consistent with the accompanying chain of custody form. The samples were stored at 4°C upon receipt at the laboratory.

Hexavalent Chromium by EPA Method 7196A

No anomalies were encountered during these analyses.

Approved by

 3

Date

11/29/07

Client: Battelle
Project: JPL Groundwater Monitoring 4Q07/G486090

Service Request: P0701058

SAMPLE CROSS-REFERENCE

<u>SAMPLE #</u>	<u>CLIENT SAMPLE ID</u>	<u>DATE</u>	<u>TIME</u>
P0701058-001	MW-4-5	11/12/07	07:38
P0701058-002	MW-4-4	11/12/07	08:08
P0701058-003	MW-4-3	11/12/07	08:40
P0701058-004	MW-4-2	11/12/07	09:10
P0701058-005	MW-4-1	11/12/07	09:45
P0701058-006	EB-9-11/12/07	11/12/07	09:31
P0701058-007	MW-12-5	11/13/07	07:30
P0701058-008	MW-12-4	11/13/07	08:11
P0701058-009	MW-12-3	11/13/07	08:40
P0701058-010	MW-12-2	11/13/07	09:10
P0701058-011	MW-12-1	11/13/07	09:48
P0701058-012	EB-10-11/13/07	11/13/07	09:30
P0701058-013	MW-11-5	11/14/07	08:15
P0701058-014	MW-11-4	11/14/07	09:02
P0701058-015	MW-11-3	11/14/07	09:32
P0701058-016	MW-11-2	11/14/07	10:00
P0701058-017	MW-11-1	11/14/07	11:05
P0701058-018	DUPE-2-4Q07	11/14/07	00:00
P0701058-019	EB-11-11/14/07	11/14/07	10:15
P0701058-020	MW-24-5	11/15/07	08:00
P0701058-021	MW-24-4	11/15/07	08:36
P0701058-022	MW-24-3	11/15/07	09:08
P0701058-023	MW-24-2	11/15/07	09:42
P0701058-024	MW-24-1	11/15/07	10:27
P0701058-025	DUPE-3-4Q07	11/15/07	00:00
P0701058-026	EB-12-11/15/07	11/15/07	10:08
P0701058-027	MW-23-5	11/16/07	07:48
P0701058-028	MW-23-4	11/16/07	08:20
P0701058-029	MW-23-3	11/16/07	08:53
P0701058-030	MW-23-2	11/16/07	09:22
P0701058-031	MW-23-1	11/16/07	10:00
P0701058-032	EB-13-11/16/07	11/16/07	09:45

Water & Soil - Chain of Custody Record & Analytical Service Request

Columbia Analytical Services, Inc.
 An Employee - Owned Company
 2655 Park Center Drive, Suite A
 Simi Valley, California 93065
 Phone (805) 526-7161
 Fax (805) 526-7270

Requested Turnaround Time in Business Days (Surcharges) please circle
 1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day - Standard

CAS Project No. 20701058
 CAS Contact:

Company Name & Address (Reporting Information)		Project Name		Analysis Method and/or Analytes		Preservative Code		Preservative Key		Remarks	
BATTLE 3990 OLD TOWN AVE., C-255 SAN DIEGO, CA 92110		JPL GW MWN. 4007		0		0		0 None 1 HCL 2 HNO3 3 H2SO4 4 NaOH 5 Zn Acetate 6 Asc Acid 7 Other			
Project Manager DAVID CONNER Phone 619-726-7311 Fax		Project Number G486090		TPH Gas 8015B BTEX 8021B TPH Diesel Low Level 8015B TPH FC 8015M Semi-Volatile Organics GC/MS 625 8270C		TPH Gas 8015B BTEX 8021B TPH Diesel Low Level 8015B TPH FC 8015M Semi-Volatile Organics GC/MS 624 8260B		Oxygenates TPH Gas			
Email Address for Result Reporting		Sampler (Print & Sign)		Matrix		Number of Containers		Date Collected		Time Collected	
MW-12-5		11/13/07		W		1		730		811	
MW-12-4		811				1		840		910	
MW-12-3		910				2		948		930	
MW-12-2		948				1		930		MS/MSD	
EB-10-11/13/07		930				1		930		EQUIP. BLANK	

Report Tier Levels - please select
 Tier I - (Results/Default if not specified) _____
 Tier II - (Results + QC) _____
 Tier III - (Data Validation Package) 10% Surcharge, _____
 Tier V - (client specified) _____

EDD required Yes/No _____
 Type: _____

Relinquished by: (Signature) _____ Date: 11/13/07 Time: 1:38
 Relinquished by: (Signature) _____ Date: 11/13/07 Time: 2:20
 Relinquished by: (Signature) _____ Date: _____ Time: _____

Received by: (Signature) _____ Date: _____ Time: _____
 Received by: (Signature) _____ Date: _____ Time: _____

Project Requirements (MRLs, QAPP) _____
 Cooler / Blank / Ice / No Ice _____
 Temperature _____ °C



Water & Soil - Chain of Custody Record & Analytical Service Request

2655 Park Center Drive, Suite A
 Simi Valley, California 93065
 Phone (805) 526-7161
 Fax (805) 526-7270

CAS Project No. 20701058
 CAS Contact:

Requested Turnaround Time in Business Days (Surcharges) please circle
 1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day - Standard

Company Name & Address (Reporting Information)		Project Name		Analysis Method and/or Analytes										Preservative Key	Remarks			
BATTLE 3990 OLD TOWN AVE., C-205 SAN DIEGO, CA 92110		JPL GW NUN 4007		Preservative Code										0 None 1 HCL 2 HNO3 3 H2SO4 4 NaOH 5 Zn Acetate 6 Asc Acid 7 Other				
Project Manager DAVID CONNER		Project Number G486090		Preservative Code														
Phone 619-726-7311		R.O. # / Billing Information # 214319 ATTN: GERALD TOMPKINS 505 KING AVE COLUMBUS, OH 43201		Preservative Code														
Email Address for Result Reporting		Sampler (Print & Sign)		Preservative Code														
Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Matrix	Number of Containers	624 <input type="checkbox"/> 8260B <input type="checkbox"/> Oxygenates <input type="checkbox"/> TPH Gas <input type="checkbox"/>	Volatiles Organics GC/MS	TPH Gas 8015B <input type="checkbox"/>	BTEX 8021B <input type="checkbox"/> MTBE 8021B <input type="checkbox"/>	TPH Diesel 8015B <input type="checkbox"/> (Subcontracted)	TPH Diesel Low Level 8015B <input type="checkbox"/> (Subcontracted)	TPH FC <input type="checkbox"/> 8015M (Subcontracted)	Semi-Volatile Organics GC/MS	625 <input type="checkbox"/> 8270C <input type="checkbox"/> (Subcontracted)	0	Preservative Code	Preservative Key	Remarks
MW-11-5	13	11/14/07	815	W	1													
MW-11-4	14		902															LEVEL IV GC
MW-11-3	15		932															
MW-11-2	16		1000															
MW-11-1	17		1105															
DUPE-2-4007	18																	DUPLICATE
EB-11-11/14/07	19		1015															EQUIP. BLANK

Report Tier Levels - please select
 Tier I - (Results/Default if not specified) _____
 Tier II - (Results + QC) _____
 Tier III - (Data Validation Package) 10% Surcharge _____
 Tier V - (client specified) _____

MRL required Yes / No _____
 MDL/PQL / J required Yes / No _____
 EDD required Yes / No _____
 Type: GeoTracker

Relinquished by: (Signature) _____ Date: 11/14/07 Time: 12:00
 Relinquished by: (Signature) _____ Date: 11/14/07 Time: 12:00
 Relinquished by: (Signature) _____ Date: 11/14/07 Time: 12:00

Project Requirements (MRLs, QAPP)
 Cooley/Blank/Ice/No Ice _____
 Temperature _____ °C



2655 Park Center Drive, Suite A
 Simi Valley, California 93065
 Phone (805) 526-7161
 Fax (805) 526-7270

Water & Soil - Chain of Custody Record & Analytical Service Request

Requested Turnaround Time in Business Days (Surcharges) please circle
 1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day - Standard

CAS Project No. 20701058
 CAS Contact:

Company Name & Address (Reporting Information) BATTELLE 3940 OLD TOWN AVE., C-205 SAN DIEGO, CA 92110		Project Name <u>JPL GW MON 4007</u>	
Project Manager <u>DAVID CONNER</u>		Project Number <u>6486090</u>	
Phone <u>619-726-7311</u>	Fax	P.O. # / Billing Information <u># 214319</u> <u>ATTN: GERALD TOMPINS</u> <u>505 KING AVE</u> <u>COLUMBUS, OH 43201</u>	
Email Address for Result Reporting Sampler (Print & Sign)			

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Matrix	Number of Containers	Analysis Method and/or Analytes							Preservative Code	Preservative Key	Remarks		
						Volatile Organics GC/MS 624 <input type="checkbox"/> 8260B <input type="checkbox"/> Oxygenates <input type="checkbox"/> TPH Gas <input type="checkbox"/>	TPH Gas 8015B <input type="checkbox"/> BTEX 8021B <input type="checkbox"/> MTBE 8021B <input type="checkbox"/>	TPH Diesel 8015B <input type="checkbox"/> (Subcontracted)	TPH Diesel Low Level 8015B <input type="checkbox"/> (Subcontracted)	TPH FC <input type="checkbox"/> 8015M (Subcontracted)	Semi-Volatile Organics GC/MS 625 <input type="checkbox"/> 8270C <input type="checkbox"/> (Subcontracted)	<input type="checkbox"/>				<input type="checkbox"/>	<input type="checkbox"/>
MW-24-5	20	11/15/07	800	W	1												
MW-24-4	21		836														LEVEL II QC
MW-24-3	22		908														
MW-24-2	23		942														
MW-24-1	24		1027														
DUPE-3-4007	25																DUPLICATE
ED-12-11 115/07	26		1008														EQUIP BLANK

Report Tier Levels - please select
 Tier I - (Results/Default if not specified) ___
 Tier II - (Results + QC) ___
 Tier III - (Data Validation Package) 10% Surcharge ✓
 Tier V - (client specified) ___

MRL required Yes/No Yes
 MDL POI / J required Yes/No No
 EDD required Yes/No No
 Type: ___

Relinquished by: (Signature) <u>[Signature]</u>	Date: <u>11/15/07</u>	Time: <u>12:00</u>	Received by: (Signature) <u>[Signature]</u>	Date: <u>11/15/07</u>	Time: <u>12:00</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date: <u>11/15/07</u>	Time: <u>12:15</u>	Received by: (Signature) <u>[Signature]</u>	Date: <u>11/15/07</u>	Time: <u>12:45</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date: <u>11/15/07</u>	Time: <u>12:15</u>	Received by: (Signature) <u>[Signature]</u>	Date: <u>11/15/07</u>	Time: <u>12:45</u>

Project Requirements (MRLs, QAPP)
 Cooler / Blank / Ice No Ice
 Temperature 3 °C

Water & Soil - Chain of Custody Record & Analytical Service Request

2655 Park Center Drive, Suite A
 Simi Valley, California 93065
 Phone (805) 526-7161
 Fax (805) 526-7270



Requested Turnaround Time in Business Days (Surcharges) please circle
 1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day - Standard

CAS Project No. R0701058
 CAS Contact:

Company Name & Address (Reporting Information) BATTELLE 3990 OLD TOWN AVE, C-205 SAN DIEGO, CA 92110		Project Name JPL GW MON 4007			
Project Manager DAVID CONNER		Project Number G486090			
Phone 619-726-7311		PO. # / Billing Information # 214319 ATTN: GERALD TOMPKINS 505 KING AVE COLUMBUS, OH 43201			
Email Address for Result Reporting		Sampler (Print & Sign)			
Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Matrix	Number of Containers
MW-23-5	27	11/16/07	0748	W	1
MW-23-4	28		0820		1
MW-23-3	29		0853		1
MW-23-2	30		0922		1
MW-23-1	31		1000		1
EB-13-11	32		0945		1

Analysis Method and/or Analytes		Preservative Code		Preservative Key	
624 <input type="checkbox"/> 82608 <input type="checkbox"/> TPH Gas <input type="checkbox"/> Volatile Organics G/MS				0	None
TPH Gas 8015B <input type="checkbox"/> MTEB 8021B <input type="checkbox"/> TPH Diesel Low Level 8015B <input type="checkbox"/> (Subcontracted)				1	HCL
TPH FC <input type="checkbox"/> 8015M <input type="checkbox"/> (Subcontracted)				2	HNO3
Sem-Volatile Organics G/MS <input type="checkbox"/> 8270C <input type="checkbox"/> (Subcontracted)				3	H2SO4
				4	NaOH
				5	Zn Acetate
				6	Asc Acid
				7	Other

Report Tier Levels - please select Tier I - (Results/Default if not specified) _____ Tier II - (Results + QC) _____ Tier III - (Data Validation Package) 10% Surcharge _____ Tier V - (client specified) _____		EDD required Yes/No Type: <u>GeoMarked</u>	
Relinquished by: (Signature) <u>[Signature]</u> Date: <u>11/16/07</u> Time: <u>1100</u>		Received by: (Signature) <u>A-DAVID</u> Date: <u>11/16/07</u> Time: <u>1145</u>	
Relinquished by: (Signature) <u>A-DAVID</u> Date: <u>11/16/07</u> Time: <u>1145</u>		Received by: (Signature) <u>[Signature]</u> Date: <u>11/16/07</u> Time: <u>1145</u>	
Relinquished by: (Signature) <u>[Signature]</u> Date: <u>11/16/07</u> Time: <u>1145</u>		Received by: (Signature) <u>[Signature]</u> Date: <u>11/16/07</u> Time: <u>1145</u>	

Project Requirements (MRLs, GAPP)
 Project Requirements (MRLs, GAPP)
 Project Requirements (MRLs, GAPP)

Columbia Analytical Services, Inc.

Chain of Custody Report

Client: Battelle
 Project: JPL Groundwater Monitoring 4Q07/G486090

Service Request: P0701058

Bottle ID	Date	Time	Sample Location / User	Disposed On
P0701058-001.01	11/12/2007	1248	SMO / LKUKITA	
	11/12/2007	1254	In Lab / DCASTILLO	
	11/12/2007	1515	P-37 / DCASTILLO	
P0701058-002.01	11/12/2007	1248	SMO / LKUKITA	
	11/12/2007	1254	In Lab / DCASTILLO	
	11/12/2007	1515	P-37 / DCASTILLO	
P0701058-003.01	11/12/2007	1248	SMO / LKUKITA	
	11/12/2007	1254	In Lab / DCASTILLO	
	11/12/2007	1515	P-37 / DCASTILLO	
P0701058-004.01	11/12/2007	1248	SMO / LKUKITA	
	11/12/2007	1254	In Lab / DCASTILLO	
	11/12/2007	1515	P-37 / DCASTILLO	
P0701058-005.01	11/12/2007	1248	SMO / LKUKITA	
	11/12/2007	1254	In Lab / DCASTILLO	
	11/12/2007	1515	P-37 / DCASTILLO	
P0701058-006.01	11/12/2007	1248	SMO / LKUKITA	
	11/12/2007	1254	In Lab / DCASTILLO	
	11/12/2007	1515	P-37 / DCASTILLO	
P0701058-007.01	11/13/2007	1224	SMO / LKUKITA	
	11/13/2007	1311	In Lab / DCASTILLO	
	11/13/2007	1517	P-37 / DCASTILLO	
P0701058-008.01	11/13/2007	1224	SMO / LKUKITA	
	11/13/2007	1311	In Lab / DCASTILLO	
	11/13/2007	1517	P-37 / DCASTILLO	
P0701058-009.01	11/13/2007	1224	SMO / LKUKITA	
	11/13/2007	1312	In Lab / DCASTILLO	
	11/13/2007	1517	P-37 / DCASTILLO	
P0701058-010.01	11/13/2007	1224	SMO / LKUKITA	
	11/13/2007	1311	In Lab / DCASTILLO	
	11/13/2007	1517	P-37 / DCASTILLO	
P0701058-011.01	11/13/2007	1224	SMO / LKUKITA	
	11/13/2007	1312	In Lab / DCASTILLO	
	11/13/2007	1517	P-37 / DCASTILLO	

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Columbia Analytical Services, Inc.

Chain of Custody Report

Client: Battelle
Project: JPL Groundwater Monitoring 4Q07/G486090

Service Request: P0701058

Bottle ID	Date	Time	Sample Location / User	Disposed On
P0701058-011.02	11/13/2007	1226	SMO / LKUKITA	
	11/13/2007	1311	In Lab / DCASTILLO	
	11/13/2007	1517	P-37 / DCASTILLO	
P0701058-012.01	11/13/2007	1224	SMO / LKUKITA	
	11/13/2007	1311	In Lab / DCASTILLO	
	11/13/2007	1517	P-37 / DCASTILLO	
P0701058-013.01	11/14/2007	1245	SMO / LKUKITA	
	11/14/2007	1306	In Lab / DCASTILLO	
	11/14/2007	1521	P-37 / DCASTILLO	
P0701058-014.01	11/14/2007	1245	SMO / LKUKITA	
	11/14/2007	1306	In Lab / DCASTILLO	
	11/14/2007	1521	P-37 / DCASTILLO	
P0701058-015.01	11/14/2007	1245	SMO / LKUKITA	
	11/14/2007	1306	In Lab / DCASTILLO	
	11/14/2007	1521	P-37 / DCASTILLO	
P0701058-016.01	11/14/2007	1245	SMO / LKUKITA	
	11/14/2007	1306	In Lab / DCASTILLO	
	11/14/2007	1521	P-37 / DCASTILLO	
P0701058-017.01	11/14/2007	1245	SMO / LKUKITA	
	11/14/2007	1306	In Lab / DCASTILLO	
	11/14/2007	1521	P-37 / DCASTILLO	
P0701058-018.01	11/14/2007	1245	SMO / LKUKITA	
	11/14/2007	1306	In Lab / DCASTILLO	
	11/14/2007	1521	P-37 / DCASTILLO	
P0701058-019.01	11/14/2007	1245	SMO / LKUKITA	
	11/14/2007	1306	In Lab / DCASTILLO	
	11/14/2007	1521	P-37 / DCASTILLO	
P0701058-020.01	11/15/2007	1249	SMO / LKUKITA	
	11/15/2007	1352	In Lab / DCASTILLO	
	11/15/2007	1547	P-37 / DCASTILLO	
P0701058-021.01	11/15/2007	1249	SMO / LKUKITA	
	11/15/2007	1352	In Lab / DCASTILLO	
	11/15/2007	1547	P-37 / DCASTILLO	

Columbia Analytical Services, Inc.

Chain of Custody Report

Client: Battelle
Project: JPL Groundwater Monitoring 4Q07/G486090

Service Request: P0701058

Bottle ID	Date	Time	Sample Location / User	Disposed On
P0701058-022.01	11/15/2007	1249	SMO / LKUKITA	
	11/15/2007	1352	In Lab / DCASTILLO	
	11/15/2007	1547	P-37 / DCASTILLO	
P0701058-023.01	11/15/2007	1249	SMO / LKUKITA	
	11/15/2007	1352	In Lab / DCASTILLO	
	11/15/2007	1547	P-37 / DCASTILLO	
P0701058-024.01	11/15/2007	1249	SMO / LKUKITA	
	11/15/2007	1352	In Lab / DCASTILLO	
	11/15/2007	1547	P-37 / DCASTILLO	
P0701058-025.01	11/15/2007	1249	SMO / LKUKITA	
	11/15/2007	1352	In Lab / DCASTILLO	
	11/15/2007	1547	P-37 / DCASTILLO	
P0701058-026.01	11/15/2007	1249	SMO / LKUKITA	
	11/15/2007	1352	In Lab / DCASTILLO	
	11/15/2007	1547	P-37 / DCASTILLO	
P0701058-027.01	11/16/2007	1148	SMO / LKUKITA	
	11/16/2007	1200	In Lab / DCASTILLO	
	11/16/2007	1451	P-37 / DCASTILLO	
P0701058-028.01	11/16/2007	1148	SMO / LKUKITA	
	11/16/2007	1159	In Lab / DCASTILLO	
	11/16/2007	1451	P-37 / DCASTILLO	
P0701058-029.01	11/16/2007	1148	SMO / LKUKITA	
	11/16/2007	1159	In Lab / DCASTILLO	
	11/16/2007	1451	P-37 / DCASTILLO	
P0701058-030.01	11/16/2007	1148	SMO / LKUKITA	
	11/16/2007	1200	In Lab / DCASTILLO	
	11/16/2007	1451	P-37 / DCASTILLO	
P0701058-031.01	11/16/2007	1148	SMO / LKUKITA	
	11/16/2007	1200	In Lab / DCASTILLO	
	11/16/2007	1451	P-37 / DCASTILLO	
P0701058-032.01	11/16/2007	1148	SMO / LKUKITA	
	11/16/2007	1200	In Lab / DCASTILLO	
	11/16/2007	1451	P-37 / DCASTILLO	

DIVIDER SHEET

ANALYTICAL DATA
FOR

Hexavalent Chromium

ANALYSIS

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client : Battelle
 Project Name : JPL Groundwater Monitoring 4Q07
 Project Number : G486090
 Sample Matrix : WATER

Service Request : P0701058
 Date Collected : 11/12-16/07
 Date Received : 11/12-16/07

Chromium, Hexavalent

Prep Method : None
 Analysis Method : 7196A
 Test Notes :

Units : mg/L (ppm)
 Basis : NA

Sample Name	Lab Code	PQL	MDL	Dilution Factor	Date Extracted	Date/Time Analyzed	Result	Result Notes
MW-4-5	P0701058-001	0.01	0.005	1	NA	11/12/07 14:05	0.005	J
MW-4-4	P0701058-002	0.01	0.005	1	NA	11/12/07 14:05	ND	
MW-4-3	P0701058-003	0.01	0.005	1	NA	11/12/07 14:05	ND	
MW-4-2	P0701058-004	0.01	0.005	1	NA	11/12/07 14:05	ND	
MW-4-1	P0701058-005	0.01	0.005	1	NA	11/12/07 14:05	ND	
EB-9-11/12/07	P0701058-006	0.01	0.005	1	NA	11/12/07 14:05	ND	
MW-12-5	P0701058-007	0.01	0.005	1	NA	11/13/07 14:27	ND	
MW-12-4	P0701058-008	0.01	0.005	1	NA	11/13/07 14:27	ND	
MW-12-3	P0701058-009	0.01	0.005	1	NA	11/13/07 14:27	ND	
MW-12-2	P0701058-010	0.01	0.005	1	NA	11/13/07 14:27	ND	
MW-12-1	P0701058-011	0.01	0.005	1	NA	11/13/07 14:27	ND	
EB-10-11/13/07	P0701058-012	0.01	0.005	1	NA	11/13/07 14:27	ND	
MW-11-5	P0701058-013	0.01	0.005	1	NA	11/14/07 14:27	0.008	J
MW-11-4	P0701058-014	0.01	0.005	1	NA	11/14/07 14:27	ND	
MW-11-3	P0701058-015	0.01	0.005	1	NA	11/14/07 14:27	ND	
MW-11-2	P0701058-016	0.01	0.005	1	NA	11/14/07 14:27	ND	
MW-11-1	P0701058-017	0.01	0.005	1	NA	11/14/07 14:27	ND	
DUPE-2-4Q07	P0701058-018	0.01	0.005	1	NA	11/14/07 14:27	0.006	J
EB-11-11/14/07	P0701058-019	0.01	0.005	1	NA	11/14/07 14:27	ND	
MW-24-5	P0701058-020	0.01	0.005	1	NA	11/15/07 15:00	ND	
MW-24-4	P0701058-021	0.01	0.005	1	NA	11/15/07 15:00	ND	
MW-24-3	P0701058-022	0.01	0.005	1	NA	11/15/07 15:00	ND	
MW-24-2	P0701058-023	0.01	0.005	1	NA	11/15/07 15:00	ND	
MW-24-1	P0701058-024	0.01	0.005	1	NA	11/15/07 15:00	ND	
DUPE-3-4Q07	P0701058-025	0.01	0.005	1	NA	11/15/07 15:00	ND	
EB-12-11/15/07	P0701058-026	0.01	0.005	1	NA	11/15/07 15:00	ND	
MW-23-5	P0701058-027	0.01	0.005	1	NA	11/16/07 13:41	ND	
MW-23-4	P0701058-028	0.01	0.005	1	NA	11/16/07 13:41	0.009	J
MW-23-3	P0701058-029	0.01	0.005	1	NA	11/16/07 13:41	0.008	J
MW-23-2	P0701058-030	0.01	0.005	1	NA	11/16/07 13:41	0.01	

J Estimated concentration. The result is less than the PQL but greater than the MDL.

Approved By  19 Date : 11/29/07

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client : Battelle
Project Name : JPL Groundwater Monitoring 4Q07
Project Number : G486090
Sample Matrix : WATER

Service Request : P0701058
Date Collected : 11/12-16/07
Date Received : 11/12-16/07

Chromium, Hexavalent

Prep Method : None
Analysis Method : 7196A
Test Notes :

Units : mg/L (ppm)
Basis : NA

Sample Name	Lab Code	PQL	MDL	Dilution Factor	Date Extracted	Date/Time Analyzed	Result	Result Notes
MW-23-1	P0701058-031	0.01	0.005	1	NA	11/16/07 13:41	0.006	J
EB-13-11/16/07	P0701058-032	0.01	0.005	1	NA	11/16/07 13:41	ND	
Method Blank	P0701058-MB	0.01	0.005	1	NA	11/12/07 14:05	ND	
Method Blank	P0701058-MB	0.01	0.005	1	NA	11/13/07 14:27	ND	
Method Blank	P0701058-MB	0.01	0.005	1	NA	11/14/07 14:27	ND	
Method Blank	P0701058-MB	0.01	0.005	1	NA	11/15/07 15:00	ND	
Method Blank	P0701058-MB	0.01	0.005	1	NA	11/16/07 13:41	ND	

J Estimated concentration. The result is less than the PQL but greater than the MDL.

Approved By  Date: 11/29/07

Report By: DCastillo

CAS SR #P0701090

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December 4, 2007

David Conner
Battelle
3990 Old Town Ave., Suite C-205
San Diego, CA 92110

RE: JPL Groundwater Monitoring 4Q07/Project #G486090

Dear David:

Enclosed are the results of the samples submitted to our laboratory on November 19-20, 2007. For your reference, these analyses have been assigned our service request number P0701090.

All analyses were performed in accordance with our laboratory's quality assurance program. Results are intended to be considered in their entirety and apply only to the samples analyzed. Columbia Analytical Services is not responsible for use of less than the complete report. Your report contains 33 pages.

Columbia Analytical Services is certified for environmental analyses by NELAP (certificate number: 02115CA) and Arizona Department of Health Services (License number: AZ0694).

If you have any questions, please call me at (805) 577-2086.

Respectfully submitted,

Columbia Analytical Services, Inc.



Sue Anderson
Project Chemist

SA

Columbia Analytical Services, Inc.

Acronyms

8015M	California DHS LUFT Method
ASTM	American Society for Testing and Materials
BOD	Biochemical Oxygen Demand
BTEX	Benzene/Toluene/Ethylbenzene/Xylenes
CAM	California Assessment Metals
CAS Number	Chemical Abstract Service Registry Number
CFC	Chlorofluorocarbon
COD	Chemical Oxygen Demand
CRDL	Contract Required Detection Limit
D	Detected; result must be greater than zero.
DL	Detected; result must be greater than the detection limit.
DLCS	Duplicate Laboratory Control Sample
DMS	Duplicate Matrix Spike
DOH or DHS	Department of Health Services
ELAP	Environmental Laboratory Accreditation Program
EPA	U.S. Environmental Protection Agency
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
IC	Ion Chromatography
ICB	Initial Calibration Blank sample
ICP	Inductively Coupled Plasma atomic emission spectrometry
ICV	Initial Calibration Verification sample
LCS	Laboratory Control Sample
LUFT	Leaking Underground Fuel Tank
M	Modified
MBAS	Methylene Blue Active Substances
MDL	Method Detection Limit
MRL	Method Reporting Limit
MS	Matrix Spike
MTBE	Methyl- <i>tert</i> -Butyl Ether
NA	Not Applicable
NC	Not Calculated
ND	None Detected at or above the Method Reporting/Detection Limit (MRL/MDL)
NTU	Nephelometric Turbidity Units
ppb	Parts Per Billion
ppm	Parts Per Million
PQL	Practical Quantitation Limit
QA/QC	Quality Assurance/Quality Control
RCRA	Resource Conservation and Recovery Act
RPD	Relative Percent Difference
SIM	Selected Ion Monitoring
SM	<i>Standard Methods for the Examination of Water and Wastewater</i> , 18th Ed., 1992.
STLC	Solubility Threshold Limit Concentration
SW	<i>Test Methods for Evaluating Solid Waste, Physical/Chemical Methods</i> SW-846, Third Edition, 1986 and as amended by Updates I, II, IIA, and IIB.
TCLP	Toxicity Characteristics Leaching Procedure
TDS	Total Dissolved Solids
TPH	Total Petroleum Hydrocarbons
TSS	Total Suspended Solids
TTLC	Total Threshold Limit Concentration
VOA	Volatile Organic Analyte(s)

Qualifiers

U	Undetected at or above MDL/MRL (PQL).
J	Estimated concentration. Analyte detected above MDL, but below MRL (PQL).
B	Hit above MRL (PQL) also found in Method Blank.
E	Analyte concentration above high point of ICAL.
N	Presumptive evidence of compound.
D	Result from dilution.
X	See case narrative.

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Battelle
Project: JPL Groundwater Monitoring 4Q07/G486090
Sample Matrix: Water

Service Request No.: P0701090
Date Received: 11/19-20/07

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of Columbia Analytical Services, Inc. (CAS). This report contains analytical results for samples designated for Tier IV deliverables. When appropriate to the method, method blank results have been reported with each analytical test.

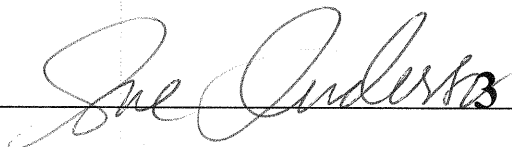
Sample Receipt

The samples were received for analysis at Columbia Analytical Services on 11/19-20/07. No discrepancies were noted upon initial sample inspection. The samples were received in good condition and consistent with the accompanying chain of custody form. The samples were stored at 4°C upon receipt at the laboratory.

Hexavalent Chromium by EPA Method 7196A

No anomalies were encountered during these analyses.

Approved by



Date

12/4/07

Client: Battelle
Project: JPL Groundwater Monitoring 4Q07/G486090

Service Request: P0701090

SAMPLE CROSS-REFERENCE

<u>SAMPLE #</u>	<u>CLIENT SAMPLE ID</u>	<u>DATE</u>	<u>TIME</u>
P0701090-001	MW-25-5	11/19/07	08:04
P0701090-002	MW-25-4	11/19/07	08:40
P0701090-003	MW-25-3	11/19/07	09:15
P0701090-004	MW-25-2	11/19/07	09:50
P0701090-005	MW-25-1	11/19/07	10:28
P0701090-006	EB-14-11/19/07	11/19/07	10:15
P0701090-007	MW-26-2	11/20/07	07:29
P0701090-008	MW-26-1	11/20/07	08:05
P0701090-009	EB-15-11/20/07	11/20/07	07:20

Columbia Analytical Services, Inc.

Chain of Custody Report

Client: Battelle
Project: JPL Groundwater Monitoring 4Q07/G486090

Service Request: P0701090

Bottle ID	Date	Time	Sample Location / User	Disposed On
P0701090-001.01	11/19/2007	1238	SMO / LKUKITA	
	11/19/2007	1244	In Lab / DCASTILLO	
	11/19/2007	1357	P-37 / DCASTILLO	
P0701090-002.01	11/19/2007	1238	SMO / LKUKITA	
	11/19/2007	1244	In Lab / DCASTILLO	
	11/19/2007	1357	P-37 / DCASTILLO	
P0701090-003.01	11/19/2007	1238	SMO / LKUKITA	
	11/19/2007	1244	In Lab / DCASTILLO	
	11/19/2007	1357	P-37 / DCASTILLO	
P0701090-004.01	11/19/2007	1238	SMO / LKUKITA	
	11/19/2007	1244	In Lab / DCASTILLO	
	11/19/2007	1357	P-37 / DCASTILLO	
P0701090-005.01	11/19/2007	1238	SMO / LKUKITA	
	11/19/2007	1244	In Lab / DCASTILLO	
	11/19/2007	1357	P-37 / DCASTILLO	
P0701090-006.01	11/19/2007	1238	SMO / LKUKITA	
	11/19/2007	1244	In Lab / DCASTILLO	
	11/19/2007	1357	P-37 / DCASTILLO	
P0701090-007.01	11/20/2007	1245	SMO / LKUKITA	
	11/20/2007	1301	In Lab / DCASTILLO	
	11/20/2007	1401	P-37 / DCASTILLO	
P0701090-008.01	11/20/2007	1245	SMO / LKUKITA	
	11/20/2007	1301	In Lab / DCASTILLO	
	11/20/2007	1401	P-37 / DCASTILLO	
P0701090-009.01	11/20/2007	1245	SMO / LKUKITA	
	11/20/2007	1301	In Lab / DCASTILLO	
	11/20/2007	1402	P-37 / DCASTILLO	

DIVIDER SHEET

ANALYTICAL DATA
FOR

Hexavalent Chromium

ANALYSIS

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client : Battelle
Project Name : JPL Groundwater Monitoring 4Q07
Project Number : G486090
Sample Matrix : WATER

Service Request : P0701090
Date Collected : 11/19,20/07
Date Received : 11/19,20/07

Chromium, Hexavalent

Prep Method : None
 Analysis Method : 7196A
 Test Notes :

Units : mg/L (ppm)
 Basis : NA

Sample Name	Lab Code	PQL	MDL	Dilution Factor	Date Extracted	Date/Time Analyzed	Result	Result Notes
MW-25-5	P0701090-001	0.01	0.005	1	NA	11/19/07 13:25	ND	
MW-25-4	P0701090-002	0.01	0.005	1	NA	11/19/07 13:25	ND	
MW-25-3	P0701090-003	0.01	0.005	1	NA	11/19/07 13:25	ND	
MW-25-2	P0701090-004	0.01	0.005	1	NA	11/19/07 13:25	ND	
MW-25-1	P0701090-005	0.01	0.005	1	NA	11/19/07 13:25	ND	
EB-14-11/19/07	P0701090-006	0.01	0.005	1	NA	11/19/07 13:25	ND	
MW-26-2	P0701090-007	0.01	0.005	1	NA	11/20/07 13:30	ND	
MW-26-1	P0701090-008	0.01	0.005	1	NA	11/20/07 13:30	ND	
EB-15-11/20/07	P0701090-009	0.01	0.005	1	NA	11/20/07 13:30	ND	
Method Blank	P0701090-MB	0.01	0.005	1	NA	11/19/07 13:25	ND	
Method Blank	P0701090-MB	0.01	0.005	1	NA	11/20/07 13:30	ND	

Approved By



11

Date :

12/4/07

CAS SR #P0701104

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Hexavalent Chromium Raw Data..... 19-33

December 7, 2007

David Conner
Battelle
3990 Old Town Ave., Suite C-205
San Diego, CA 92110

RE: JPL Groundwater Monitoring 4Q07/Project #G486090

Dear David:

Enclosed are the results of the samples submitted to our laboratory on November 28-29, 2007. For your reference, these analyses have been assigned our service request number P0701104.

All analyses were performed in accordance with our laboratory's quality assurance program. Results are intended to be considered in their entirety and apply only to the samples analyzed. Columbia Analytical Services is not responsible for use of less than the complete report. Your report contains _____ pages.

Columbia Analytical Services is certified for environmental analyses by NELAP (certificate number: 02115CA) and Arizona Department of Health Services (License number: AZ0694).

If you have any questions, please call me at (805) 577-2086.

Respectfully submitted,

Columbia Analytical Services, Inc.



Sue Anderson
Project Chemist

SA

Columbia Analytical Services, Inc.

Acronyms

8015M	California DHS LUFT Method
ASTM	American Society for Testing and Materials
BOD	Biochemical Oxygen Demand
BTEX	Benzene/Toluene/Ethylbenzene/Xylenes
CAM	California Assessment Metals
CAS Number	Chemical Abstract Service Registry Number
CFC	Chlorofluorocarbon
COD	Chemical Oxygen Demand
CRDL	Contract Required Detection Limit
D	Detected; result must be greater than zero.
DL	Detected; result must be greater than the detection limit.
DLCS	Duplicate Laboratory Control Sample
DMS	Duplicate Matrix Spike
DOH or DHS	Department of Health Services
ELAP	Environmental Laboratory Accreditation Program
EPA	U.S. Environmental Protection Agency
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
IC	Ion Chromatography
ICB	Initial Calibration Blank sample
ICP	Inductively Coupled Plasma atomic emission spectrometry
ICV	Initial Calibration Verification sample
LCS	Laboratory Control Sample
LUFT	Leaking Underground Fuel Tank
M	Modified
MBAS	Methylene Blue Active Substances
MDL	Method Detection Limit
MRL	Method Reporting Limit
MS	Matrix Spike
MTBE	Methyl- <i>tert</i> -Butyl Ether
NA	Not Applicable
NC	Not Calculated
ND	None Detected at or above the Method Reporting/Detection Limit (MRL/MDL)
NTU	Nephelometric Turbidity Units
ppb	Parts Per Billion
ppm	Parts Per Million
PQL	Practical Quantitation Limit
QA/QC	Quality Assurance/Quality Control
RCRA	Resource Conservation and Recovery Act
RPD	Relative Percent Difference
SIM	Selected Ion Monitoring
SM	<i>Standard Methods for the Examination of Water and Wastewater</i> ; 18th Ed., 1992.
STLC	Solubility Threshold Limit Concentration
SW	<i>Test Methods for Evaluating Solid Waste, Physical/Chemical Methods</i> ; SW-846, Third Edition, 1986 and as amended by Updates I, II, IIA, and IIB.
TCLP	Toxicity Characteristics Leaching Procedure
TDS	Total Dissolved Solids
TPH	Total Petroleum Hydrocarbons
TSS	Total Suspended Solids
TTLC	Total Threshold Limit Concentration
VOA	Volatile Organic Analyte(s)

Qualifiers

U	Undetected at or above MDL/MRL (PQL).
J	Estimated concentration. Analyte detected above MDL, but below MRL (PQL).
B	Hit above MRL (PQL) also found in Method Blank.
E	Analyte concentration above high point of ICAL.
N	Presumptive evidence of compound.
D	Result from dilution.
X	See case narrative.

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Battelle
Project: JPL Groundwater Monitoring 4Q07/G486090
Sample Matrix: Water

Service Request No.: P0701090
Date Received: 11/28-29/07

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of Columbia Analytical Services, Inc. (CAS). This report contains analytical results for samples designated for Tier IV deliverables. When appropriate to the method, method blank results have been reported with each analytical test.

Sample Receipt

The samples were received for analysis at Columbia Analytical Services on 11/28-29/07. No discrepancies were noted upon initial sample inspection. The samples were received in good condition and consistent with the accompanying chain of custody form. The samples were stored at 4°C upon receipt at the laboratory.

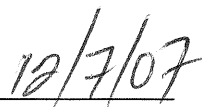
Hexavalent Chromium by EPA Method 7196A

No anomalies were encountered during these analyses.

Approved by



Date



Client: Battelle
Project: JPL Groundwater Monitoring 4Q07/G486090

Service Request: P0701104

SAMPLE CROSS-REFERENCE

<u>SAMPLE #</u>	<u>CLIENT SAMPLE ID</u>	<u>DATE</u>	<u>TIME</u>
P0701104-001	MW-7	11/28/07	09:30
P0701104-002	MW-16	11/28/07	12:00
P0701104-003	DUPE-4-4Q07	11/28/07	00:00
P0701104-004	DUP-5-4Q07	11/28/07	00:00
P0701104-005	MW-13	11/29/07	09:11
P0701104-006	MW-8	11/29/07	11:32
P0701104-007	DUPE-6-4Q07	11/29/07	00:00

Columbia Analytical Services, Inc.

Chain of Custody Report

Client: Battelle
Project: JPL Groundwater Monitoring 4Q07/G486090

Service Request: P0701104

Bottle ID	Date	Time	Sample Location / User	Disposed On
P0701104-001.01	11/28/2007	1350	SMO / SSTAPLES	
	11/28/2007	1354	In Lab / DCASTILLO	
	11/28/2007	1536	P-37 / DCASTILLO	
P0701104-002.01	11/28/2007	1350	SMO / SSTAPLES	
	11/28/2007	1354	In Lab / DCASTILLO	
	11/28/2007	1536	P-37 / DCASTILLO	
P0701104-003.01	11/28/2007	1350	SMO / SSTAPLES	
	11/28/2007	1354	In Lab / DCASTILLO	
	11/28/2007	1536	P-37 / DCASTILLO	
P0701104-004.01	11/28/2007	1350	SMO / SSTAPLES	
	11/28/2007	1354	In Lab / DCASTILLO	
	11/28/2007	1536	P-37 / DCASTILLO	
P0701104-005.01	11/29/2007	1329	SMO / SSTAPLES	
	11/29/2007	1339	In Lab / DCASTILLO	
	11/29/2007	1539	P-37 / DCASTILLO	
P0701104-006.01	11/29/2007	1329	SMO / SSTAPLES	
	11/29/2007	1339	In Lab / DCASTILLO	
	11/29/2007	1539	P-37 / DCASTILLO	
P0701104-007.01	11/29/2007	1329	SMO / SSTAPLES	
	11/29/2007	1339	In Lab / DCASTILLO	
	11/29/2007	1539	P-37 / DCASTILLO	

DIVIDER SHEET

ANALYTICAL DATA
FOR

Hexavalent Chromium

ANALYSIS

Analytical Report

Client : Battelle
 Project Name : JPL Groundwater Monitoring 4Q07
 Project Number : G486090
 Sample Matrix : WATER

Service Request : P0701104
 Date Collected : 11/28,29/07
 Date Received : 11/28,29/07

Chromium, Hexavalent

Prep Method : None
 Analysis Method : 7196A
 Test Notes :

Units : mg/L (ppm)
 Basis : NA

Sample Name	Lab Code	PQL	MDL	Dilution Factor	Date Extracted	Date/Time Analyzed	Result	Result Notes
MW-7	P0701104-001	0.01	0.005	1	NA	11/28/07 14:30	ND	
MW-16	P0701104-002	0.01	0.005	1	NA	11/28/07 14:30	ND	
DUPE-4-4Q07	P0701104-003	0.01	0.005	1	NA	11/28/07 14:30	ND	
DUP-5-4Q07	P0701104-004	0.01	0.005	1	NA	11/28/07 14:30	ND	
MW-13	P0701104-005	0.01	0.005	1	NA	11/29/07 14:15	0.02	
MW-8	P0701104-006	0.01	0.005	1	NA	11/29/07 14:15	ND	
DUPE-6-4Q07	P0701104-007	0.01	0.005	1	NA	11/29/07 14:15	0.02	
Method Blank	P0701104-MB	0.01	0.005	1	NA	11/28/07 14:30	ND	
Method Blank	P0701104-MB	0.01	0.005	1	NA	11/29/07 14:15	ND	

Approved By



Date :

12/7/07

CAS SR #P0701129

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Hexavalent Chromium Raw Data..... 25-42

December 15, 2007

David Conner
Battelle
3990 Old Town Ave., Suite C-205
San Diego, CA 92110

RE: JPL Groundwater Monitoring 4Q07/Project #G486090

Dear David:

Enclosed are the results of the samples submitted to our laboratory on December 3-6, 2007. For your reference, these analyses have been assigned our service request number P0701129.

All analyses were performed in accordance with our laboratory's quality assurance program. Results are intended to be considered in their entirety and apply only to the samples analyzed. Columbia Analytical Services is not responsible for use of less than the complete report. Your report contains 42 pages.

Columbia Analytical Services is certified for environmental analyses by NELAP (certificate number: 02115CA) and Arizona Department of Health Services (License number: AZ0694).

If you have any questions, please call me at (805) 577-2086.

Respectfully submitted,

Columbia Analytical Services, Inc.



Sue Anderson
Project Chemist

SA

Columbia Analytical Services, Inc.

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BOD	Biochemical Oxygen Demand
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CAS Number	Chemical Abstract Service Registry Number
CFC	Chlorofluorocarbon
COD	Chemical Oxygen Demand
CRDL	Contract Required Detection Limit
D	Detected; result must be greater than zero.
DL	Detected; result must be greater than the detection limit.
DLCS	Duplicate Laboratory Control Sample
DMS	Duplicate Matrix Spike
DOH or DHS	Department of Health Services
ELAP	Environmental Laboratory Accreditation Program
EPA	U.S. Environmental Protection Agency
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
IC	Ion Chromatography
ICB	Initial Calibration Blank sample
ICP	Inductively Coupled Plasma atomic emission spectrometry
ICV	Initial Calibration Verification sample
LCS	Laboratory Control Sample
LUFT	Leaking Underground Fuel Tank
M	Modified
MBAS	Methylene Blue Active Substances
MDL	Method Detection Limit
MRL	Method Reporting Limit
MS	Matrix Spike
MTBE	Methyl- <i>tert</i> -Butyl Ether
NA	Not Applicable
NC	Not Calculated
ND	None Detected at or above the Method Reporting/Detection Limit (MRL/MDL)
NTU	Nephelometric Turbidity Units
ppb	Parts Per Billion
ppm	Parts Per Million
PQL	Practical Quantitation Limit
QA/QC	Quality Assurance/Quality Control
RCRA	Resource Conservation and Recovery Act
RPD	Relative Percent Difference
SIM	Selected Ion Monitoring
SM	<i>Standard Methods for the Examination of Water and Wastewater</i> ; 18th Ed., 1992.
STLC	Solubility Threshold Limit Concentration
SW	<i>Test Methods for Evaluating Solid Waste, Physical/Chemical Methods</i> SW-846, Third Edition, 1986 and as amended by Updates I, II, IIA, and IIB.
TCLP	Toxicity Characteristics Leaching Procedure
TDS	Total Dissolved Solids
TPH	Total Petroleum Hydrocarbons
TSS	Total Suspended Solids
TTLC	Total Threshold Limit Concentration
VOA	Volatile Organic Analyte(s)

Qualifiers

U	Undetected at or above MDL/MRL (PQL).
J	Estimated concentration. Analyte detected above MDL, but below MRL (PQL).
B	Hit above MRL (PQL) also found in Method Blank.
E	Analyte concentration above high point of ICAL.
N	Presumptive evidence of compound.
D	Result from dilution.
X	See case narrative.

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Battelle
Project: JPL Groundwater Monitoring 4Q07/G486090
Sample Matrix: Water

Service Request No.: P0701129
Date Received: 12/3-6/07

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of Columbia Analytical Services, Inc. (CAS). This report contains analytical results for samples designated for Tier IV deliverables. When appropriate to the method, method blank results have been reported with each analytical test.

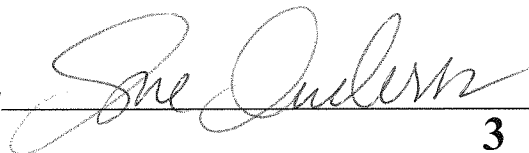
Sample Receipt

The samples were received for analysis at Columbia Analytical Services on 12/3-6/07. No discrepancies were noted upon initial sample inspection. The samples were received in good condition and consistent with the accompanying chain of custody form. The samples were stored at 4°C upon receipt at the laboratory.

Hexavalent Chromium by EPA Method 7196A

No anomalies were encountered during this analysis.

Approved by



Date

12/15/07

Client: Battelle
Project: JPL Groundwater Monitoring 4QO7/G486090

Service Request: P0701129

SAMPLE CROSS-REFERENCE

<u>SAMPLE #</u>	<u>CLIENT SAMPLE ID</u>	<u>DATE</u>	<u>TIME</u>
P0701129-001	MW-10	12/03/07	08:36
P0701129-002	DUPE-7-4Q07	12/03/07	00:00
P0701129-003	MW-1	12/05/07	08:16
P0701129-004	MW-9	12/05/07	09:45
P0701129-005	MW-5	12/06/07	09:40
P0701129-006	MW-6	12/06/07	12:22
P0701129-007	DUPE-8-4Q07	12/06/07	00:00

Water & Soil - Chain of Custody Record & Analytical Service Request

2655 Park Center Drive, Suite A
 Simi Valley, California 93065
 Phone (805) 526-7161
 Fax (805) 526-7270



CAS Project No. PO701129
 CAS Contact:

Requested Turnaround Time in Business Days (Surcharges) please circle
 1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day - Standard

Analysis Method and/or Analytes

Preservative Code	Preservative Key							
	0	1	2	3	4	5	6	7
	None	HCL	HNO3	H2SO4	NaOH	Zn Acetate	Asc Acid	Other

Requested Turnaround Time in Business Days (Surcharges) please circle
 1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day - Standard

Analysis Method and/or Analytes

TPH Gas 8015B MTEB 8021B TPH Gas 8260B Oxygenates TPH Gas 624 Volatile Organics GC/MS

TPH Diesel 8015B (Subcontracted) TPH Diesel Low Level 8015B (Subcontracted) TPH FC 8015M (Subcontracted) Semi-Volatile Organics GC/MS 625 8270C (Subcontracted)

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Matrix	Number of Containers	Sampler (Print & Sign)	
						Phone	Fax
MLV-10	1	12/3/07	0836	W	1	DAVID CONNER	615-726-7311
DUTE-7-4007	2	12/3/07	-	1	1	DAVID CONNER	615-726-7311

Company Name & Address (Reporting Information)
 BATTLE
 3990 OLD TOWN AVE., C-205
 SAN DIEGO, CA 92110

Project Name
 JPL GW MON. 4007

Project Number
 6486090

P.O. # / Billing Information
 # 214319
 ATTN: GERALD TOMPKINS
 505 KING AVE
 COLUMBUS, OH 43201

Project Manager
 DAVID CONNER

Phone
 615-726-7311

Fax

Email Address for Result Reporting

Report Tier Levels - please select
 Tier I - (Results/Default if not specified) _____
 Tier II - (Results + QC) _____
 Tier III - (Data Validation Package) 10% Surcharge _____
 Tier V - (client specified) _____

MRL required Yes / No _____
 MDL / PQL / J required Yes / No _____

EDD required Yes / No _____
 Type: Geotracker

Relinquished by: (Signature) _____ Date: 12/3/07 Time: 0945
 Relinquished by: (Signature) _____ Date: 12/3/07 Time: 1035
 Relinquished by: (Signature) _____ Date: _____ Time: _____

Received by: (Signature) _____ Date: 12/3/07 Time: 0952
 Received by: (Signature) _____ Date: 12/3/07 Time: 1035
 Received by: (Signature) _____ Date: _____ Time: _____

Project Requirements (MRLs, QAPP)
 Cooler/Blank/Ice/No Ice 3
 Temperature _____ °C

Water & Soil - Chain of Custody Record & Analytical Service Request

Columbia Analytical Services, Inc.
 An Employee-Owned Company
 2655 Park Center Drive, Suite A
 Simi Valley, California 93065
 Phone (805) 526-7161
 Fax (805) 526-7270

Company Name & Address (Reporting Information) BATTLE 3990 OLD TOWN AVE. C-205 SAN DIEGO, CA 92110		Project Name SPL LOW MOW 4807 Project Number 6486090		Requested Turnaround Time in Business Days (Surcharges) please circle 1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day - Standard		CAS Project No. P0701129			
Project Manager DAVID CONNER		P.O. # / Billing Information # 214319		Analysis Method and/or Analytes		CAS Contact:			
Phone 619-726-7311		Fax		Volatile Organics GC/MS 624 <input type="checkbox"/> 8260B <input type="checkbox"/> Oxygenates <input type="checkbox"/> TPH Gas <input type="checkbox"/>		Preservative Key 0 None 1 HCL 2 HNO3 3 H2SO4 4 NaOH 5 Zn Acetate 6 Asc Acid 7 Other			
Email Address for Result Reporting				Sampler (Print & Sign)					
Client Sample ID MW-1 MW-9 MW-15		Laboratory ID Number 3 4		Date Collected 12/05/07 0816 0945		Time Collected W 2 2 2			
Matrix		Number of Containers		TPH Gas 8015B <input type="checkbox"/> BTEX 8021B <input type="checkbox"/> MTBE 8021B <input type="checkbox"/> TPH Diesel 8015B <input type="checkbox"/> (Subcontracted) TPH Diesel Low Level 8015B <input type="checkbox"/> (Subcontracted) TPH FC <input type="checkbox"/> 8015M (Subcontracted) Semi-Volatile Organics GC/MS 625 <input type="checkbox"/> 8270C <input type="checkbox"/> (Subcontracted)		Preservative Code 0		Remarks LEVEL III & CL MW/SD MW/SD MW/SD	

Report Tier Levels - please select
 Tier I - (Results/Default if not specified) _____
 Tier II - (Results + QC) _____
 Tier III - (Data Validation Package) 10% Surcharge _____
 Tier V - (client specified) _____

MRL required Yes/No _____
 MDL / PQL / J required Yes/No _____
 EDD required Yes/No _____
 Type: creepiker

Project Requirements (MRLs, QAPP)
 Cooler/Blank Ice/No Ice _____
 Temperature 3 °C

Relinquished by: (Signature) _____
 Relinquished by: (Signature) A. DAVIS
 Relinquished by: (Signature) _____

Date: 12/05/07 Time: 12:30
 Date: 12/05/07 Time: 13:30
 Date: _____ Time: _____

Received by: (Signature) _____
 Received by: (Signature) A. DAVIS
 Received by: (Signature) _____

Date: 12/05/07 Time: 12:30
 Date: 12/05/07 Time: 13:30
 Date: _____ Time: _____

Received by: (Signature) _____
 Received by: (Signature) _____
 Received by: (Signature) _____

Water & Soil - Chain of Custody Record & Analytical Service Request



2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

Requested Turnaround Time in Business Days (Surcharges) please circle
 1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day - Standard

CAS Project No. P0701129
CAS Contact:

Company Name & Address (Reporting Information) BATTELLE 3990 OLD TOWN AVE., C-205 SAN DIEGO, CA 92110		Project Name JPL GW Mon 4207	
Project Manager DAVID CONNER Phone: 619-726-7311 Fax:		Project Number 6486590	
Email Address for Result Reporting		P.O. # / Billing Information # 214319 ATTN: GERALD TOMPKINS 505 KING AVE COLUMBUS, OH 43201	
Client Sample ID MW-5		Date Collected 12/18/07	
Laboratory ID Number 5		Time Collected 0940	
Matrix W		Number of Containers 1	
Client Sample ID MW-6		Date Collected 12/18/07	
Laboratory ID Number 6		Time Collected 1222	
Matrix W		Number of Containers 2	
Client Sample ID DUPE-8-4207		Date Collected 12/18/07	
Laboratory ID Number 7		Time Collected -	
Matrix DUPLICATE		Number of Containers 1	

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Matrix	Number of Containers	Analysis Method and/or Analytes							Preservative Key	Remarks		
						624 □ 8260B □ Oxygenates □ TPH Gas □	TPH Gas 8015B □	BTEX 8021B □ MTRB 8021B □	TPH Diesel 8015B □ (Subcontracted)	TPH Diesel Low Level 8015B □ (Subcontracted)	TPH FC 8015M □ (Subcontracted)	Semi-Volatile Organics GC/MS 8270C □ (Subcontracted)			0	1
MW-15	1	12/18/07	1222	W	2	X	X	X	X	X	X	X	X	X	X	MS/MSD
MW-5	5	12/18/07	0940	W	1	X	X	X	X	X	X	X	X	X	X	
MW-6	6	12/18/07	1222	W	2	X	X	X	X	X	X	X	X	X	X	MS/MSD
DUPE-8-4207	7	12/18/07	-	DUPLICATE	1	X	X	X	X	X	X	X	X	X	X	DUPLICATE

Project Requirements (MRLs, QAPP) EDD required Yes/No <u>Yes</u> Type: <u>Geotracker</u> MRL required Yes (No) / No MDL / PQL / J required Yes (No)	
Relinquished by: (Signature) _____ Date: <u>12/18/07</u> Time: <u>1300</u>	Received by: (Signature) <u>A. DAYTON</u> Date: <u>12/18/07</u> Time: <u>1435</u>
Relinquished by: (Signature) _____ Date: _____ Time: _____	Received by: (Signature) _____ Date: _____ Time: _____
Relinquished by: (Signature) _____ Date: _____ Time: _____	Received by: (Signature) _____ Date: _____ Time: _____

Cooler Blank No Ice
 Temperature 3 °C

Columbia Analytical Services, Inc.

Chain of Custody Report

Client: Battelle
Project: JPL Groundwater Monitoring 4QO7/G486090

Service Request: P0701129

Bottle ID	Date	Time	Sample Location / User	Disposed On
P0701129-001.01	12/03/2007	1040	SMO / LKUKITA	
	12/03/2007	1129	In Lab / DCASTILLO	
	12/03/2007	1543	P-37 / DCASTILLO	
P0701129-002.01	12/03/2007	1040	SMO / LKUKITA	
	12/03/2007	1129	In Lab / DCASTILLO	
	12/03/2007	1543	P-37 / DCASTILLO	
P0701129-003.01	12/05/2007	1417	SMO / LKUKITA	
	12/05/2007	1432	In Lab / DCASTILLO	
	12/05/2007	1623	P-37 / DCASTILLO	
P0701129-003.02	12/05/2007	1420	SMO / LKUKITA	
	12/05/2007	1432	In Lab / DCASTILLO	
	12/05/2007	1623	P-37 / DCASTILLO	
P0701129-004.01	12/05/2007	1417	SMO / LKUKITA	
	12/05/2007	1432	In Lab / DCASTILLO	
	12/05/2007	1623	P-37 / DCASTILLO	
P0701129-004.02	12/05/2007	1420	SMO / LKUKITA	
	12/05/2007	1432	In Lab / DCASTILLO	
	12/05/2007	1623	P-37 / DCASTILLO	
P0701129-005.01	12/06/2007	1443	SMO / LKUKITA	
	12/06/2007	1449	In Lab / DCASTILLO	
	12/06/2007	1608	P-37 / DCASTILLO	
P0701129-006.01	12/06/2007	1443	SMO / LKUKITA	
	12/06/2007	1449	In Lab / DCASTILLO	
	12/06/2007	1608	P-37 / DCASTILLO	
P0701129-006.02	12/06/2007	1444	SMO / LKUKITA	
	12/06/2007	1449	In Lab / DCASTILLO	
	12/06/2007	1608	P-37 / DCASTILLO	
P0701129-007.01	12/06/2007	1443	SMO / LKUKITA	
	12/06/2007	1449	In Lab / DCASTILLO	
	12/06/2007	1608	P-37 / DCASTILLO	

DIVIDER SHEET

ANALYTICAL DATA

FOR

Hexavalent Chromium

ANALYSIS

Analytical Report

Client : Battelle
 Project Name : JPL Groundwater Monitoring 4Q07
 Project Number : G486090
 Sample Matrix : WATER

Service Request : P0701129
 Date Collected : 12/03-06/07
 Date Received : 12/03-06/07

Chromium, Hexavalent

Prep Method : None
 Analysis Method : 7196A
 Test Notes :

Units : mg/L (ppm)
 Basis : NA

Sample Name	Lab Code	PQL	MDL	Dilution Factor	Date Extracted	Date/Time Analyzed	Result	Result Notes
MW-10	P0701129-001	0.01	0.005	1	NA	12/03/07 14:25	ND	
DUPE-7-4Q07	P0701129-002	0.01	0.005	1	NA	12/03/07 14:25	ND	
MW-1	P0701129-003	0.01	0.005	1	NA	12/05/07 15:23	ND	
MW-9	P0701129-004	0.01	0.005	1	NA	12/05/07 15:23	ND	
MW-5	P0701129-005	0.01	0.005	1	NA	12/06/07 15:30	ND	
MW-6	P0701129-006	0.01	0.005	1	NA	12/06/07 15:30	ND	
DUPE-8-4Q07	P0701129-007	0.01	0.005	1	NA	12/06/07 15:30	ND	
Method Blank	P0701129-MB	0.01	0.005	1	NA	12/03/07 14:25	ND	
Method Blank	P0701129-MB	0.01	0.005	1	NA	12/05/07 15:23	ND	
Method Blank	P0701129-MB	0.01	0.005	1	NA	12/06/07 15:30	ND	

Approved By



Date :



CAS SR #P0701161

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December 15, 2007

David Conner
Battelle
3990 Old Town Ave., Suite C-205
San Diego, CA 92110

RE: JPL Groundwater Monitoring 4Q07/Project #G486090

Dear David:

Enclosed are the results of the samples submitted to our laboratory on December 10, 2007. For your reference, these analyses have been assigned our service request number P0701161.

All analyses were performed in accordance with our laboratory's quality assurance program. Results are intended to be considered in their entirety and apply only to the samples analyzed. Columbia Analytical Services is not responsible for use of less than the complete report. Your report contains 27 pages.

Columbia Analytical Services is certified for environmental analyses by NELAP (certificate number: 02115CA) and Arizona Department of Health Services (License number: AZ0694).

If you have any questions, please call me at (805) 577-2086.

Respectfully submitted,

Columbia Analytical Services, Inc.



Sue Anderson
Project Chemist

SA

Columbia Analytical Services, Inc.

Acronyms

8015M	California DHS LUFT Method
ASTM	American Society for Testing and Materials
BOD	Biochemical Oxygen Demand
BTEX	Benzene/Toluene/Ethylbenzene/Xylenes
CAM	California Assessment Metals
CAS Number	Chemical Abstract Service Registry Number
CFC	Chlorofluorocarbon
COD	Chemical Oxygen Demand
CRDL	Contract Required Detection Limit
D	Detected; result must be greater than zero.
DL	Detected; result must be greater than the detection limit.
DLCS	Duplicate Laboratory Control Sample
DMS	Duplicate Matrix Spike
DOH or DHS	Department of Health Services
ELAP	Environmental Laboratory Accreditation Program
EPA	U.S. Environmental Protection Agency
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
IC	Ion Chromatography
ICB	Initial Calibration Blank sample
ICP	Inductively Coupled Plasma atomic emission spectrometry
ICV	Initial Calibration Verification sample
LCS	Laboratory Control Sample
LUFT	Leaking Underground Fuel Tank
M	Modified
MBAS	Methylene Blue Active Substances
MDL	Method Detection Limit
MRL	Method Reporting Limit
MS	Matrix Spike
MTBE	Methyl- <i>tert</i> -Butyl Ether
NA	Not Applicable
NC	Not Calculated
ND	None Detected at or above the Method Reporting/Detection Limit (MRL/MDL)
NTU	Nephelometric Turbidity Units
ppb	Parts Per Billion
ppm	Parts Per Million
PQL	Practical Quantitation Limit
QA/QC	Quality Assurance/Quality Control
RCRA	Resource Conservation and Recovery Act
RPD	Relative Percent Difference
SIM	Selected Ion Monitoring
SM	<i>Standard Methods for the Examination of Water and Wastewater</i> , 18th Ed., 1992.
STLC	Solubility Threshold Limit Concentration
SW	<i>Test Methods for Evaluating Solid Waste, Physical/Chemical Methods</i> SW-846, Third Edition, 1986 and as amended by Updates I, II, IIA, and IIB.
TCLP	Toxicity Characteristics Leaching Procedure
TDS	Total Dissolved Solids
TPH	Total Petroleum Hydrocarbons
TSS	Total Suspended Solids
TTLC	Total Threshold Limit Concentration
VOA	Volatile Organic Analyte(s)

Qualifiers

U	Undetected at or above MDL/MRL (PQL).
J	Estimated concentration. Analyte detected above MDL, but below MRL (PQL).
B	Hit above MRL (PQL) also found in Method Blank.
E	Analyte concentration above high point of ICAL.
N	Presumptive evidence of compound.
D	Result from dilution.
X	See case narrative.

COLUMBIA ANALYTICAL SERVICES, INC.

Client: Battelle
Project: JPL Groundwater Monitoring 4Q07/G486090
Sample Matrix: Water

Service Request No.: P0701161
Date Received: 12/10/07

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of Columbia Analytical Services, Inc. (CAS). This report contains analytical results for samples designated for Tier IV deliverables. When appropriate to the method, method blank results have been reported with each analytical test.

Sample Receipt

The samples were received for analysis at Columbia Analytical Services on 12/10/07. No discrepancies were noted upon initial sample inspection. The samples were received in good condition and consistent with the accompanying chain of custody form. The samples were stored at 4°C upon receipt at the laboratory.

Hexavalent Chromium by EPA Method 7196A

No anomalies were encountered during these analyses.

Approved by



Date

12/15/07

Client: Battelle
Project: JPL Groundwater Monitoring 4Q07/G486090

Service Request: P0701161

SAMPLE CROSS-REFERENCE

<u>SAMPLE #</u>	<u>CLIENT SAMPLE ID</u>	<u>DATE</u>	<u>TIME</u>
P0701161-001	MW-15	12/10/07	10:20

Water & Soil - Chain of Custody Record & Analytical Service Request



2655 Park Center Drive, Suite A
 Simi Valley, California 93065
 Phone (805) 526-7161
 Fax (805) 526-7270

Company Name & Address (Reporting Information) BATTERIE 3990 OLD TOWN AVE. C-205 SAN DIEGO, CA 92110		Project Name SPL GW MON 4807		Requested Turnaround Time in Business Days (Surcharges) please circle 1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day - Standard		CAS Project No. 20701161	
Project Manager DAVID CONNER		Project Number 6486090		Analysis Method and/or Analytes		CAS Contact:	
Phone 619-726-7311		Fax		Preservative Code 0		Preservative Key 0 None 1 HCL 2 HNO3 3 H2SO4 4 NaOH 5 Zn Acetate 6 Asc Acid 7 Other	
Email Address for Result Reporting 619-726-7311		Sampler (Print & Sign) P.O. # / Billing Information #214319 ATTN: GERALD TOMPHINS 505 KINGS AVE COMMERCE, OH 43201		Volatile Organics GC/MS 624 <input type="checkbox"/> 8260B <input type="checkbox"/> Oxygenates <input type="checkbox"/> TPH Gas <input type="checkbox"/> TPH Gas 8015B <input type="checkbox"/> BTEX 8021B <input type="checkbox"/> MTBE 8021B <input type="checkbox"/> TPH Diesel 8015B <input type="checkbox"/> (Subcontracted) TPH Diesel Low Level 8015B <input type="checkbox"/> (Subcontracted) TPH FC <input type="checkbox"/> 8015M (Subcontracted) Semi-Volatile Organics GC/MS 625 <input type="checkbox"/> 8270C <input type="checkbox"/> (Subcontracted)		Remarks MS/MSD	
Client Sample ID MW-15		Laboratory ID Number 1		Date Collected 12/10/07		Time Collected 1020	
Matrix LW		Number of Containers 2		624 <input type="checkbox"/> 8260B <input type="checkbox"/> Oxygenates <input type="checkbox"/> TPH Gas <input type="checkbox"/> TPH Gas 8015B <input type="checkbox"/> BTEX 8021B <input type="checkbox"/> MTBE 8021B <input type="checkbox"/> TPH Diesel 8015B <input type="checkbox"/> (Subcontracted) TPH Diesel Low Level 8015B <input type="checkbox"/> (Subcontracted) TPH FC <input type="checkbox"/> 8015M (Subcontracted) Semi-Volatile Organics GC/MS 625 <input type="checkbox"/> 8270C <input type="checkbox"/> (Subcontracted)		(7196)	
Client Address for Result Reporting		Date Collected		Time Collected		Number of Containers	
Client Sample ID		Laboratory ID Number		Date Collected		Time Collected	
Matrix		Number of Containers		Date Collected		Time Collected	

Report Tier Levels - please select
 Tier I - (Results/Default if not specified) _____
 Tier II - (Results + QC) _____
 Tier III - (Data Validation Package) 10% Surcharge _____
 Tier V - (client specified) _____

EDD required Yes/No _____
 Type: _____
 Date: 10/27/07
 Time: 1:00
 Date: 11/07/07
 Time: 12:20
 Date: _____
 Time: _____

Project Requirements (MRLs, QAPP)
 Cooler/Blank/Ice/No Ice
 Temperature 3 °C

Columbia Analytical Services, Inc.

Chain of Custody Report

Client: Battelle
Project: JPL Groundwater Monitoring 4Q07/G486090

Service Request: P0701161

Bottle ID	Date	Time	Sample Location / User	Disposed On
P0701161-001.01	12/10/2007	1237	SMO / LKUKITA	
	12/10/2007	1240	In Lab / DCASTILLO	
	12/10/2007	1411	P-37 / DCASTILLO	
P0701161-001.02	12/10/2007	1237	SMO / LKUKITA	
	12/10/2007	1240	In Lab / DCASTILLO	
	12/10/2007	1411	P-37 / DCASTILLO	

DIVIDER SHEET

ANALYTICAL DATA
FOR

Hexavalent Chromium

ANALYSIS

Analytical Report

Client : Battelle
Project Name : JPL Groundwater Monitoring 4Q07
Project Number : G486090
Sample Matrix : WATER

Service Request : P0701161
Date Collected : 12/10/07
Date Received : 12/10/07

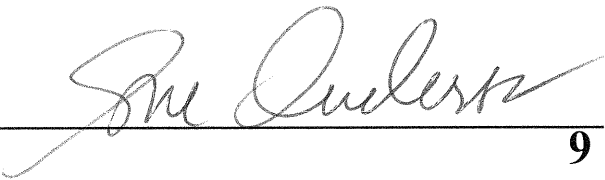
Chromium, Hexavalent

Prep Method : None
Analysis Method : 7196A
Test Notes :

Units : mg/L (ppm)
Basis : NA

Sample Name	Lab Code	PQL	MDL	Dilution Factor	Date Extracted	Date/Time Analyzed	Result	Result Notes
MW-15	P0701161-001	0.01	0.005	1	NA	12/10/07 13:15	ND	
Method Blank	P0701161-MB	0.01	0.005	1	NA	12/10/07 13:15	ND	

Approved By



Date :

12/15/07