APPENDIX J

Remedial Investigation Analytical Results (on DVD)

Analytical Resources, Incorporated
Analytical Chemists and Consultants

April 3, 2009

Jennifer Wynkoop
Landau Associates, Inc.
950 Pacific Ave # 515
Tacoma, WA 98402

RE: Project No: 094048.010.011
Project Name: Sauro Property Enviro Clean Up
ARI Job No: OT00

Dear Jennifer:

Please find enclosed copies of the chain of custodies (COC) and the final results from the project referenced above. Analytical Resources, Inc. accepted two soil samples and a trip blank in good condition on March 31, 2009.

The samples were analyzed for VOCs, as requested on the COC.

The internal standard d4-1,4-Dichlorobenzene was out of control low for the initial analysis of sample **LAI-HA2 (2).** The sample was re-analyzed at a dilution with all QC in control. Both sets of data have been included for your review.

There were no other anomalies associated with the samples.

A copy of these reports and all corresponding raw data will remain on file electronically with ARI. If you have any questions or require additional information, please contact me at your convenience.

Sincerely,

ANALYTICAL RESOURCES, INC.

Kelly Bottem
Client Services Manager
(206) 695-6211
kellyb@arilabs.com

Enclosures

LANDAU ASSOCIATES

☐ **Seattle (Edmonds)** (425) 778-0907
☒ **Tacoma** (253) 926-2493
☐ **Spokane** (509) 327-9737
☐ **Portland (Tigard)** (503) 443-6010
☐ _____

Date 3.30.09
Page 1 of 1

Chain-of-Custody Record

Project Name Sauro Property Enviro Cleanup Project No 094048.010.011
Project Location/Event Sauro Property, Tacoma, WA
Sampler's Name Kristin Hooper
Project Contact Jennifer Wynkoop
Send Results To Jennifer Wynkoop

Turnaround Time
☐ Standard
☐ Accelerated
☒ 1 week

Sample I.D.	Date	Time	Matrix	No. of Containers	Testing Parameters: VOC's 8260	Observations/Comments
~~LAI-HA~~						
LAI-HA1(2)	3-30-09	1034	soil	3	X	
LAI-HA2(2)	3-30-09	1255	soil	3	X	
Trip Blank	3-24-09		water	2	X	

___ Allow water samples to settle, collect aliquot from clear portion

NWTPH-Dx:
___ run acid wash/silica gel cleanup
___ run samples standardized to _____ product

___ Analyze for EPH if no specific product identified

VOC/BTEX/VPH (soil):
___ non-preserved
___ preserved w/methanol
___ preserved w/sodium bisulfate
___ Freeze upon receipt

___ Dissolved metal water samples field filtered

Other _____

Special Shipment/Handling or Storage Requirements

Method of Shipment

Relinquished by	Received by	Relinquished by	Received by
Signature: Kristin Hooper	Signature:	Signature:	Signature:
Printed Name: Kristin Hooper	Printed Name: Rich Hudson	Printed Name:	Printed Name:
Company: LAI	Company: AKI	Company:	Company:
Date: 3-31-09 Time: 1125	Date: 3/31/09 Time: 1125	Date: Time:	Date: Time:

WHITE COPY - Project File YELLOW COPY - Laboratory PINK COPY - Client Representative

Rev 4/01

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Landau

Project Name: Sauro Property Enviro Cleanup

COC No(s): _____ NA

Delivered by: Fed-Ex UPS (Courier) Hand Delivered Other: _____

Assigned ARI Job No: OTØØ

Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO
Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)		14.4

If cooler temperature is out of compliance fill out form 00070F — Temp Gun ID#: 101886

Cooler Accepted by: K Date: 3/31/09 Time: 1215

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ... (Bubble Wrap) (Wet Ice) Gel Packs Baggies Foam Block Paper Other: _____			
Was sufficient ice used (if appropriate)?	NA	YES	(NO)
Were all bottles sealed in individual plastic bags?		YES	(NO)
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	NA	YES	(NO)
Was sufficient amount of sample sent in each bottle?		(YES)	NO

Samples Logged by: JW Date: 3/31/09 Time: 1330

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

TB 2of2 vials pb

By: Date:

Small Air Bubbles < 2mm	Peabubbles 2-4 mm	LARGE Air Bubbles > 4 mm
• • •	• • • •	• • •

Small → "sm"
Peabubbles → "pb"
Large → "lg"
Headspace → "hs"

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Temperature Compliance Form

Cooler#: 1 Temperature(°C): 14.4

Sample ID	Bottle Count	Bottle Type
LAI-HA1(2)	3	40 mL vial
LAI-HA2(2)	3	40 mL vial
TripBlank	2	40 mL vial

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Cooler#: _____ Temperature(°C): _____

Sample ID	Bottle Count	Bottle Type

Completed by: _____ Date: _____ Time: _____

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-HA1(2)**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OT00A
LIMS ID: 09-7745
Matrix: Soil
Data Release Authorized:
Reported: 04/03/09

QC Report No: OT00-LANDAU
Project: Sauro Property Enviro Cleanup 094048.010.011
Date Sampled: 03/30/09
Date Received: 03/31/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 03/31/09 18:49

Sample Amount: 6.55 g-dry-wt
Purge Volume: 5.0 mL
Moisture: 0.0%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.8	< 0.8	U
74-83-9	Bromomethane	0.8	< 0.8	U
75-01-4	Vinyl Chloride	0.8	< 0.8	U
75-00-3	Chloroethane	0.8	< 0.8	U
75-09-2	**Methylene Chloride**	**1.5**	**1.6**	
67-64-1	**Acetone**	**3.8**	**27**	
75-15-0	Carbon Disulfide	0.8	< 0.8	U
75-35-4	1,1-Dichloroethene	0.8	< 0.8	U
75-34-3	1,1-Dichloroethane	0.8	< 0.8	U
156-60-5	trans-1,2-Dichloroethene	0.8	< 0.8	U
156-59-2	cis-1,2-Dichloroethene	0.8	< 0.8	U
67-66-3	Chloroform	0.8	< 0.8	U
107-06-2	1,2-Dichloroethane	0.8	< 0.8	U
78-93-3	2-Butanone	3.8	< 3.8	U
71-55-6	1,1,1-Trichloroethane	0.8	< 0.8	U
56-23-5	Carbon Tetrachloride	0.8	< 0.8	U
108-05-4	Vinyl Acetate	3.8	< 3.8	U
75-27-4	Bromodichloromethane	0.8	< 0.8	U
78-87-5	1,2-Dichloropropane	0.8	< 0.8	U
10061-01-5	cis-1,3-Dichloropropene	0.8	< 0.8	U
79-01-6	Trichloroethene	0.8	< 0.8	U
124-48-1	Dibromochloromethane	0.8	< 0.8	U
79-00-5	1,1,2-Trichloroethane	0.8	< 0.8	U
71-43-2	**Benzene**	**0.8**	**0.8**	
10061-02-6	trans-1,3-Dichloropropene	0.8	< 0.8	U
110-75-8	2-Chloroethylvinylether	3.8	< 3.8	U
75-25-2	Bromoform	0.8	< 0.8	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	3.8	< 3.8	U
591-78-6	2-Hexanone	3.8	< 3.8	U
127-18-4	**Tetrachloroethene**	**0.8**	**8.8**	
79-34-5	1,1,2,2-Tetrachloroethane	0.8	< 0.8	U
108-88-3	**Toluene**	**0.8**	**1.7**	
108-90-7	Chlorobenzene	0.8	< 0.8	U
100-41-4	Ethylbenzene	0.8	< 0.8	U
100-42-5	Styrene	0.8	< 0.8	U
75-69-4	Trichlorofluoromethane	0.8	< 0.8	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	1.5	< 1.5	U
179601-23-1	**m,p-Xylene**	**0.8**	**0.8**	
95-47-6	o-Xylene	0.8	< 0.8	U
95-50-1	1,2-Dichlorobenzene	0.8	< 0.8	U
541-73-1	1,3-Dichlorobenzene	0.8	< 0.8	U
106-46-7	1,4-Dichlorobenzene	0.8	< 0.8	U
107-02-8	Acrolein	38	< 38	U
74-88-4	Methyl Iodide	0.8	< 0.8	U
74-96-4	Bromoethane	1.5	< 1.5	U
107-13-1	Acrylonitrile	3.8	< 3.8	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-HA1(2)**
 SAMPLE

Lab Sample ID: OT00A
LIMS ID: 09-7745
Matrix: Soil
Date Analyzed: 03/31/09 18:49

QC Report No: OT00-LANDAU
Project: Sauro Property Enviro Cleanup
094048.010.011

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	0.8	< 0.8	U
74-95-3	Dibromomethane	0.8	< 0.8	U
630-20-6	1,1,1,2-Tetrachloroethane	0.8	< 0.8	U
96-12-8	1,2-Dibromo-3-chloropropane	3.8	< 3.8	U
96-18-4	1,2,3-Trichloropropane	1.5	< 1.5	U
110-57-6	trans-1,4-Dichloro-2-butene	3.8	< 3.8	U
108-67-8	1,3,5-Trimethylbenzene	0.8	< 0.8	U
95-63-6	1,2,4-Trimethylbenzene	0.8	< 0.8	U
87-68-3	Hexachlorobutadiene	3.8	< 3.8	U
106-93-4	Ethylene Dibromide	0.8	< 0.8	U
74-97-5	Bromochloromethane	0.8	< 0.8	U
594-20-7	2,2-Dichloropropane	0.8	< 0.8	U
142-28-9	1,3-Dichloropropane	0.8	< 0.8	U
98-82-8	Isopropylbenzene	0.8	< 0.8	U
103-65-1	n-Propylbenzene	0.8	< 0.8	U
108-86-1	Bromobenzene	0.8	< 0.8	U
95-49-8	2-Chlorotoluene	0.8	< 0.8	U
106-43-4	4-Chlorotoluene	0.8	< 0.8	U
98-06-6	tert-Butylbenzene	0.8	< 0.8	U
135-98-8	sec-Butylbenzene	0.8	< 0.8	U
99-87-6	4-Isopropyltoluene	0.8	< 0.8	U
104-51-8	n-Butylbenzene	0.8	< 0.8	U
120-82-1	1,2,4-Trichlorobenzene	3.8	< 3.8	U
91-20-3	Naphthalene	3.8	< 3.8	U
87-61-6	1,2,3-Trichlorobenzene	3.8	< 3.8	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	113%
d8-Toluene	98.8%
Bromofluorobenzene	98.5%
d4-1,2-Dichlorobenzene	103%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-HA2(2)**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OT00B
LIMS ID: 09-7746
Matrix: Soil
Data Release Authorized:
Reported: 04/03/09

QC Report No: OT00-LANDAU
Project: Sauro Property Enviro Cleanup 094048.010.011
Date Sampled: 03/30/09
Date Received: 03/31/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 03/31/09 19:16

Sample Amount: 5.94 g-dry-wt
Purge Volume: 5.0 mL
Moisture: 0.0%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.8	< 0.8	U
74-83-9	Bromomethane	0.8	< 0.8	U
75-01-4	Vinyl Chloride	0.8	< 0.8	U
75-00-3	Chloroethane	0.8	< 0.8	U
75-09-2	**Methylene Chloride**	**1.7**	**3.3**	
67-64-1	**Acetone**	**4.2**	**89**	**E**
75-15-0	Carbon Disulfide	0.8	< 0.8	U
75-35-4	1,1-Dichloroethene	0.8	< 0.8	U
75-34-3	1,1-Dichloroethane	0.8	< 0.8	U
156-60-5	**trans-1,2-Dichloroethene**	**0.8**	**4.1**	
156-59-2	**cis-1,2-Dichloroethene**	**0.8**	**250**	**E**
67-66-3	Chloroform	0.8	< 0.8	U
107-06-2	1,2-Dichloroethane	0.8	< 0.8	U
78-93-3	**2-Butanone**	**4.2**	**7.8**	
71-55-6	1,1,1-Trichloroethane	0.8	< 0.8	U
56-23-5	Carbon Tetrachloride	0.8	< 0.8	U
108-05-4	Vinyl Acetate	4.2	< 4.2	U
75-27-4	Bromodichloromethane	0.8	< 0.8	U
78-87-5	1,2-Dichloropropane	0.8	< 0.8	U
10061-01-5	cis-1,3-Dichloropropene	0.8	< 0.8	U
79-01-6	**Trichloroethene**	**0.8**	**1,000**	**E**
124-48-1	Dibromochloromethane	0.8	< 0.8	U
79-00-5	1,1,2-Trichloroethane	0.8	< 0.8	U
71-43-2	**Benzene**	**0.8**	**5.0**	
10061-02-6	trans-1,3-Dichloropropene	0.8	< 0.8	U
110-75-8	2-Chloroethylvinylether	4.2	< 4.2	U
75-25-2	Bromoform	0.8	< 0.8	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	4.2	< 4.2	U
591-78-6	2-Hexanone	4.2	< 4.2	U
127-18-4	**Tetrachloroethene**	**0.8**	**4,700**	**ES**
79-34-5	1,1,2,2-Tetrachloroethane	0.8	< 0.8	U
108-88-3	**Toluene**	**0.8**	**5.2**	
108-90-7	**Chlorobenzene**	**0.8**	**0.9**	
100-41-4	Ethylbenzene	0.8	< 0.8	U
100-42-5	Styrene	0.8	< 0.8	U
75-69-4	Trichlorofluoromethane	0.8	< 0.8	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	1.7	< 1.7	U
179601-23-1	**m,p-Xylene**	**0.8**	**1.5**	
95-47-6	o-Xylene	0.8	< 0.8	U
95-50-1	1,2-Dichlorobenzene	0.8	< 0.8	U
541-73-1	1,3-Dichlorobenzene	0.8	< 0.8	U
106-46-7	1,4-Dichlorobenzene	0.8	< 0.8	U
107-02-8	Acrolein	42	< 42	U
74-88-4	Methyl Iodide	0.8	< 0.8	U
74-96-4	Bromoethane	1.7	< 1.7	U
107-13-1	Acrylonitrile	4.2	< 4.2	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-HA2(2)**
 SAMPLE

Lab Sample ID: OT00B
LIMS ID: 09-7746
Matrix: Soil
Date Analyzed: 03/31/09 19:16

QC Report No: OT00-LANDAU
Project: Sauro Property Enviro Cleanup
094048.010.011

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	0.8	< 0.8	U
74-95-3	Dibromomethane	0.8	< 0.8	U
630-20-6	1,1,1,2-Tetrachloroethane	0.8	< 0.8	U
96-12-8	1,2-Dibromo-3-chloropropane	4.2	< 4.2	U
96-18-4	1,2,3-Trichloropropane	1.7	< 1.7	U
110-57-6	trans-1,4-Dichloro-2-butene	4.2	< 4.2	U
108-67-8	1,3,5-Trimethylbenzene	0.8	< 0.8	U
95-63-6	1,2,4-Trimethylbenzene	0.8	< 0.8	U
87-68-3	Hexachlorobutadiene	4.2	< 4.2	U
106-93-4	Ethylene Dibromide	0.8	< 0.8	U
74-97-5	Bromochloromethane	0.8	< 0.8	U
594-20-7	2,2-Dichloropropane	0.8	< 0.8	U
142-28-9	1,3-Dichloropropane	0.8	< 0.8	U
98-82-8	Isopropylbenzene	0.8	< 0.8	U
103-65-1	n-Propylbenzene	0.8	< 0.8	U
108-86-1	Bromobenzene	0.8	< 0.8	U
95-49-8	2-Chlorotoluene	0.8	< 0.8	U
106-43-4	4-Chlorotoluene	0.8	< 0.8	U
98-06-6	tert-Butylbenzene	0.8	< 0.8	U
135-98-8	sec-Butylbenzene	0.8	< 0.8	U
99-87-6	4-Isopropyltoluene	0.8	< 0.8	U
104-51-8	n-Butylbenzene	0.8	< 0.8	U
120-82-1	1,2,4-Trichlorobenzene	4.2	< 4.2	U
91-20-3	Naphthalene	4.2	< 4.2	U
87-61-6	1,2,3-Trichlorobenzene	4.2	< 4.2	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	129%
d8-Toluene	85.8%
Bromofluorobenzene	77.9%
d4-1,2-Dichlorobenzene	99.8%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-HA2(2)**
 REANALYSIS

Lab Sample ID: OT00B
LIMS ID: 09-7746
Matrix: Soil
Data Release Authorized:
Reported: 04/03/09

QC Report No: OT00-LANDAU
Project: Sauro Property Enviro Cleanup 094048.010.011
Date Sampled: 03/30/09
Date Received: 03/31/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/01/09 15:03

Sample Amount: 22.6 mg-dry-wt
Purge Volume: 5.0 mL
Moisture: 0.0%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	220	< 220	U
74-83-9	Bromomethane	220	< 220	U
75-01-4	Vinyl Chloride	220	< 220	U
75-00-3	Chloroethane	220	< 220	U
75-09-2	Methylene Chloride	440	< 440	U
67-64-1	Acetone	1,100	< 1,100	U
75-15-0	Carbon Disulfide	220	< 220	U
75-35-4	1,1-Dichloroethene	220	< 220	U
75-34-3	1,1-Dichloroethane	220	< 220	U
156-60-5	trans-1,2-Dichloroethene	220	< 220	U
156-59-2	**cis-1,2-Dichloroethene**	**220**	**330**	
67-66-3	Chloroform	220	< 220	U
107-06-2	1,2-Dichloroethane	220	< 220	U
78-93-3	2-Butanone	1,100	< 1,100	U
71-55-6	1,1,1-Trichloroethane	220	< 220	U
56-23-5	Carbon Tetrachloride	220	< 220	U
108-05-4	Vinyl Acetate	1,100	< 1,100	U
75-27-4	Bromodichloromethane	220	< 220	U
78-87-5	1,2-Dichloropropane	220	< 220	U
10061-01-5	cis-1,3-Dichloropropene	220	< 220	U
79-01-6	**Trichloroethene**	**220**	**2,300**	
124-48-1	Dibromochloromethane	220	< 220	U
79-00-5	1,1,2-Trichloroethane	220	< 220	U
71-43-2	Benzene	220	< 220	U
10061-02-6	trans-1,3-Dichloropropene	220	< 220	U
110-75-8	2-Chloroethylvinylether	1,100	< 1,100	U
75-25-2	Bromoform	220	< 220	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1,100	< 1,100	U
591-78-6	2-Hexanone	1,100	< 1,100	U
127-18-4	**Tetrachloroethene**	**220**	**27,000**	
79-34-5	1,1,2,2-Tetrachloroethane	220	< 220	U
108-88-3	Toluene	220	< 220	U
108-90-7	Chlorobenzene	220	< 220	U
100-41-4	Ethylbenzene	220	< 220	U
100-42-5	Styrene	220	< 220	U
75-69-4	Trichlorofluoromethane	220	< 220	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	440	< 440	U
179601-23-1	m,p-Xylene	220	< 220	U
95-47-6	o-Xylene	220	< 220	U
95-50-1	1,2-Dichlorobenzene	220	< 220	U
541-73-1	1,3-Dichlorobenzene	220	< 220	U
106-46-7	1,4-Dichlorobenzene	220	< 220	U
107-02-8	Acrolein	11,000	< 11,000	U
74-88-4	Methyl Iodide	220	< 220	U
74-96-4	Bromoethane	440	< 440	U
107-13-1	Acrylonitrile	1,100	< 1,100	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-HA2(2)**
 REANALYSIS

Lab Sample ID: OT00B
LIMS ID: 09-7746
Matrix: Soil
Date Analyzed: 04/01/09 15:03

QC Report No: OT00-LANDAU
Project: Sauro Property Enviro Cleanup
094048.010.011

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	220	< 220	U
74-95-3	Dibromomethane	220	< 220	U
630-20-6	1,1,1,2-Tetrachloroethane	220	< 220	U
96-12-8	1,2-Dibromo-3-chloropropane	1,100	< 1,100	U
96-18-4	1,2,3-Trichloropropane	440	< 440	U
110-57-6	trans-1,4-Dichloro-2-butene	1,100	< 1,100	U
108-67-8	1,3,5-Trimethylbenzene	220	< 220	U
95-63-6	1,2,4-Trimethylbenzene	220	< 220	U
87-68-3	Hexachlorobutadiene	1,100	< 1,100	U
106-93-4	Ethylene Dibromide	220	< 220	U
74-97-5	Bromochloromethane	220	< 220	U
594-20-7	2,2-Dichloropropane	220	< 220	U
142-28-9	1,3-Dichloropropane	220	< 220	U
98-82-8	Isopropylbenzene	220	< 220	U
103-65-1	n-Propylbenzene	220	< 220	U
108-86-1	Bromobenzene	220	< 220	U
95-49-8	2-Chlorotoluene	220	< 220	U
106-43-4	4-Chlorotoluene	220	< 220	U
98-06-6	tert-Butylbenzene	220	< 220	U
135-98-8	sec-Butylbenzene	220	< 220	U
99-87-6	4-Isopropyltoluene	220	< 220	U
104-51-8	n-Butylbenzene	220	< 220	U
120-82-1	1,2,4-Trichlorobenzene	1,100	< 1,100	U
91-20-3	Naphthalene	1,100	< 1,100	U
87-61-6	1,2,3-Trichlorobenzene	1,100	< 1,100	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	101%
d8-Toluene	98.3%
Bromofluorobenzene	103%
d4-1,2-Dichlorobenzene	101%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-HA2(2)**
 MATRIX SPIKE

Lab Sample ID: OT00B
LIMS ID: 09-7746
Matrix: Soil
Data Release Authorized:
Reported: 04/03/09

QC Report No: OT00-LANDAU
Project: Sauro Property Enviro Cleanup 094048.010.011
Date Sampled: 03/30/09
Date Received: 03/31/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/01/09 15:31

Sample Amount: 22.6 mg-dry-wt
Purge Volume: 5.0 mL
Moisture: 0.0%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	220	---	
74-83-9	Bromomethane	220	---	
75-01-4	Vinyl Chloride	220	---	
75-00-3	Chloroethane	220	---	
75-09-2	Methylene Chloride	440	---	
67-64-1	Acetone	1,100	---	
75-15-0	Carbon Disulfide	220	---	
75-35-4	1,1-Dichloroethene	220	---	
75-34-3	1,1-Dichloroethane	220	---	
156-60-5	trans-1,2-Dichloroethene	220	---	
156-59-2	cis-1,2-Dichloroethene	220	---	
67-66-3	Chloroform	220	---	
107-06-2	1,2-Dichloroethane	220	---	
78-93-3	2-Butanone	1,100	---	
71-55-6	1,1,1-Trichloroethane	220	---	
56-23-5	Carbon Tetrachloride	220	---	
108-05-4	Vinyl Acetate	1,100	---	
75-27-4	Bromodichloromethane	220	---	
78-87-5	1,2-Dichloropropane	220	---	
10061-01-5	cis-1,3-Dichloropropene	220	---	
79-01-6	Trichloroethene	220	---	
124-48-1	Dibromochloromethane	220	---	
79-00-5	1,1,2-Trichloroethane	220	---	
71-43-2	Benzene	220	---	
10061-02-6	trans-1,3-Dichloropropene	220	---	
110-75-8	2-Chloroethylvinylether	1,100	---	
75-25-2	Bromoform	220	---	
108-10-1	4-Methyl-2-Pentanone (MIBK)	1,100	---	
591-78-6	2-Hexanone	1,100	---	
127-18-4	Tetrachloroethene	220	---	
79-34-5	1,1,2,2-Tetrachloroethane	220	---	
108-88-3	Toluene	220	---	
108-90-7	Chlorobenzene	220	---	
100-41-4	Ethylbenzene	220	---	
100-42-5	Styrene	220	---	
75-69-4	Trichlorofluoromethane	220	---	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	440	---	
179601-23-1	m,p-Xylene	220	---	
95-47-6	o-Xylene	220	---	
95-50-1	1,2-Dichlorobenzene	220	---	
541-73-1	1,3-Dichlorobenzene	220	---	
106-46-7	1,4-Dichlorobenzene	220	---	
107-02-8	Acrolein	11,000	---	
74-88-4	Methyl Iodide	220	---	
74-96-4	Bromoethane	440	---	
107-13-1	Acrylonitrile	1,100	---	

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-HA2(2)**
 MATRIX SPIKE

Lab Sample ID: OT00B QC Report No: OT00-LANDAU
LIMS ID: 09-7746 Project: Sauro Property Enviro Cleanup
Matrix: Soil 094048.010.011
Date Analyzed: 04/01/09 15:31

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	220	---	
74-95-3	Dibromomethane	220	---	
630-20-6	1,1,1,2-Tetrachloroethane	220	---	
96-12-8	1,2-Dibromo-3-chloropropane	1,100	---	
96-18-4	1,2,3-Trichloropropane	440	---	
110-57-6	trans-1,4-Dichloro-2-butene	1,100	---	
108-67-8	1,3,5-Trimethylbenzene	220	---	
95-63-6	1,2,4-Trimethylbenzene	220	---	
87-68-3	Hexachlorobutadiene	1,100	---	
106-93-4	Ethylene Dibromide	220	---	
74-97-5	Bromochloromethane	220	---	
594-20-7	2,2-Dichloropropane	220	---	
142-28-9	1,3-Dichloropropane	220	---	
98-82-8	Isopropylbenzene	220	---	
103-65-1	n-Propylbenzene	220	---	
108-86-1	Bromobenzene	220	---	
95-49-8	2-Chlorotoluene	220	---	
106-43-4	4-Chlorotoluene	220	---	
98-06-6	tert-Butylbenzene	220	---	
135-98-8	sec-Butylbenzene	220	---	
99-87-6	4-Isopropyltoluene	220	---	
104-51-8	n-Butylbenzene	220	---	
120-82-1	1,2,4-Trichlorobenzene	1,100	---	
91-20-3	Naphthalene	1,100	---	
87-61-6	1,2,3-Trichlorobenzene	1,100	---	

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	98.2%
d8-Toluene	98.3%
Bromofluorobenzene	101%
d4-1,2-Dichlorobenzene	99.2%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-HA2(2)**
MATRIX SPIKE DUP

Lab Sample ID: OT00B
LIMS ID: 09-7746
Matrix: Soil
Data Release Authorized:
Reported: 04/03/09

QC Report No: OT00-LANDAU
Project: Sauro Property Enviro Cleanup
094048.010.011
Date Sampled: 03/30/09
Date Received: 03/31/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/01/09 15:58

Sample Amount: 22.6 mg-dry-wt
Purge Volume: 5.0 mL
Moisture: 0.0%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	220	---	
74-83-9	Bromomethane	220	---	
75-01-4	Vinyl Chloride	220	---	
75-00-3	Chloroethane	220	---	
75-09-2	Methylene Chloride	440	---	
67-64-1	Acetone	1,100	---	
75-15-0	Carbon Disulfide	220	---	
75-35-4	1,1-Dichloroethene	220	---	
75-34-3	1,1-Dichloroethane	220	---	
156-60-5	trans-1,2-Dichloroethene	220	---	
156-59-2	cis-1,2-Dichloroethene	220	---	
67-66-3	Chloroform	220	---	
107-06-2	1,2-Dichloroethane	220	---	
78-93-3	2-Butanone	1,100	---	
71-55-6	1,1,1-Trichloroethane	220	---	
56-23-5	Carbon Tetrachloride	220	---	
108-05-4	Vinyl Acetate	1,100	---	
75-27-4	Bromodichloromethane	220	---	
78-87-5	1,2-Dichloropropane	220	---	
10061-01-5	cis-1,3-Dichloropropene	220	---	
79-01-6	Trichloroethene	220	---	
124-48-1	Dibromochloromethane	220	---	
79-00-5	1,1,2-Trichloroethane	220	---	
71-43-2	Benzene	220	---	
10061-02-6	trans-1,3-Dichloropropene	220	---	
110-75-8	2-Chloroethylvinylether	1,100	---	
75-25-2	Bromoform	220	---	
108-10-1	4-Methyl-2-Pentanone (MIBK)	1,100	---	
591-78-6	2-Hexanone	1,100	---	
127-18-4	Tetrachloroethene	220	---	
79-34-5	1,1,2,2-Tetrachloroethane	220	---	
108-88-3	Toluene	220	---	
108-90-7	Chlorobenzene	220	---	
100-41-4	Ethylbenzene	220	---	
100-42-5	Styrene	220	---	
75-69-4	Trichlorofluoromethane	220	---	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	440	---	
179601-23-1	m,p-Xylene	220	---	
95-47-6	o-Xylene	220	---	
95-50-1	1,2-Dichlorobenzene	220	---	
541-73-1	1,3-Dichlorobenzene	220	---	
106-46-7	1,4-Dichlorobenzene	220	---	
107-02-8	Acrolein	11,000	---	
74-88-4	Methyl Iodide	220	---	
74-96-4	Bromoethane	440	---	
107-13-1	Acrylonitrile	1,100	---	

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-HA2(2)**
 MATRIX SPIKE DUP

Lab Sample ID: OT00B
LIMS ID: 09-7746
Matrix: Soil
Date Analyzed: 04/01/09 15:58

QC Report No: OT00-LANDAU
Project: Sauro Property Enviro Cleanup
094048.010.011

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	220	---	
74-95-3	Dibromomethane	220	---	
630-20-6	1,1,1,2-Tetrachloroethane	220	---	
96-12-8	1,2-Dibromo-3-chloropropane	1,100	---	
96-18-4	1,2,3-Trichloropropane	440	---	
110-57-6	trans-1,4-Dichloro-2-butene	1,100	---	
108-67-8	1,3,5-Trimethylbenzene	220	---	
95-63-6	1,2,4-Trimethylbenzene	220	---	
87-68-3	Hexachlorobutadiene	1,100	---	
106-93-4	Ethylene Dibromide	220	---	
74-97-5	Bromochloromethane	220	---	
594-20-7	2,2-Dichloropropane	220	---	
142-28-9	1,3-Dichloropropane	220	---	
98-82-8	Isopropylbenzene	220	---	
103-65-1	n-Propylbenzene	220	---	
108-86-1	Bromobenzene	220	---	
95-49-8	2-Chlorotoluene	220	---	
106-43-4	4-Chlorotoluene	220	---	
98-06-6	tert-Butylbenzene	220	---	
135-98-8	sec-Butylbenzene	220	---	
99-87-6	4-Isopropyltoluene	220	---	
104-51-8	n-Butylbenzene	220	---	
120-82-1	1,2,4-Trichlorobenzene	1,100	---	
91-20-3	Naphthalene	1,100	---	
87-61-6	1,2,3-Trichlorobenzene	1,100	---	

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	97.3%
d8-Toluene	98.6%
Bromofluorobenzene	101%
d4-1,2-Dichlorobenzene	100%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: Trip Blank**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OT00C
LIMS ID: 09-7747
Matrix: Water
Data Release Authorized:
Reported: 04/03/09

QC Report No: OT00-LANDAU
Project: Sauro Property Enviro Cleanup
094048.010.011
Date Sampled: 03/30/09
Date Received: 03/31/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 03/31/09 20:38

Sample Amount: 5.00 mL
Purge Volume: 5.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	1.0	< 1.0	U
74-83-9	Bromomethane	1.0	< 1.0	U
75-01-4	Vinyl Chloride	1.0	< 1.0	U
75-00-3	Chloroethane	1.0	< 1.0	U
75-09-2	Methylene Chloride	2.0	< 2.0	U
67-64-1	Acetone	10	< 10	U
75-15-0	Carbon Disulfide	1.0	< 1.0	U
75-35-4	1,1-Dichloroethene	1.0	< 1.0	U
75-34-3	1,1-Dichloroethane	1.0	< 1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	< 1.0	U
67-66-3	Chloroform	1.0	< 1.0	U
107-06-2	1,2-Dichloroethane	1.0	< 1.0	U
78-93-3	2-Butanone	5.0	< 5.0	U
71-55-6	1,1,1-Trichloroethane	1.0	< 1.0	U
56-23-5	Carbon Tetrachloride	1.0	< 1.0	U
108-05-4	Vinyl Acetate	5.0	< 5.0	U
75-27-4	Bromodichloromethane	1.0	< 1.0	U
78-87-5	1,2-Dichloropropane	1.0	< 1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	< 1.0	U
79-01-6	Trichloroethene	1.0	< 1.0	U
124-48-1	Dibromochloromethane	1.0	< 1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	< 1.0	U
71-43-2	Benzene	1.0	< 1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	< 1.0	U
110-75-8	2-Chloroethylvinylether	5.0	< 5.0	U
75-25-2	Bromoform	1.0	< 1.0	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	< 5.0	U
591-78-6	2-Hexanone	5.0	< 5.0	U
127-18-4	Tetrachloroethene	1.0	< 1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	< 1.0	U
108-88-3	Toluene	1.0	< 1.0	U
108-90-7	Chlorobenzene	1.0	< 1.0	U
100-41-4	Ethylbenzene	1.0	< 1.0	U
100-42-5	Styrene	1.0	< 1.0	U
75-69-4	Trichlorofluoromethane	1.0	< 1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	2.0	< 2.0	U
179601-23-1	m,p-Xylene	2.0	< 2.0	U
95-47-6	o-Xylene	1.0	< 1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	< 1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	< 1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	< 1.0	U
107-02-8	Acrolein	10	< 10	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	2.0	< 2.0	U
107-13-1	Acrylonitrile	5.0	< 5.0	U
563-58-6	1,1-Dichloropropene	1.0	< 1.0	U
74-95-3	Dibromomethane	1.0	< 1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	< 1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	< 5.0	U
96-18-4	1,2,3-Trichloropropane	2.0	< 2.0	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: Trip Blank**
 SAMPLE

Lab Sample ID: OT00C
LIMS ID: 09-7747
Matrix: Water
Date Analyzed: 03/31/09 20:38

QC Report No: OT00-LANDAU
Project: Sauro Property Enviro Cleanup
094048.010.011

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	5.0	< 5.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	< 1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	< 1.0	U
87-68-3	Hexachlorobutadiene	5.0	< 5.0	U
106-93-4	Ethylene Dibromide	1.0	< 1.0	U
74-97-5	Bromochloromethane	1.0	< 1.0	U
594-20-7	2,2-Dichloropropane	1.0	< 1.0	U
142-28-9	1,3-Dichloropropane	5.0	< 5.0	U
98-82-8	Isopropylbenzene	1.0	< 1.0	U
103-65-1	n-Propylbenzene	1.0	< 1.0	U
108-86-1	Bromobenzene	1.0	< 1.0	U
95-49-8	2-Chlorotoluene	1.0	< 1.0	U
106-43-4	4-Chlorotoluene	1.0	< 1.0	U
98-06-6	tert-Butylbenzene	1.0	< 1.0	U
135-98-8	sec-Butylbenzene	1.0	< 1.0	U
99-87-6	4-Isopropyltoluene	1.0	< 1.0	U
104-51-8	n-Butylbenzene	1.0	< 1.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	< 5.0	U
91-20-3	Naphthalene	5.0	< 5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	< 5.0	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	99.9%
d8-Toluene	98.9%
Bromofluorobenzene	103%
d4-1,2-Dichlorobenzene	101%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MB-033109**
 METHOD BLANK

Lab Sample ID: MB-033109
LIMS ID: 09-7745
Matrix: Soil
Data Release Authorized:
Reported: 04/03/09

QC Report No: OT00-LANDAU
Project: Sauro Property Enviro Cleanup 094048.010.011
Date Sampled: NA
Date Received: NA

Instrument/Analyst: NT9/PAB
Date Analyzed: 03/31/09 11:09

Sample Amount: 5.00 g-dry-wt
Purge Volume: 5.0 mL
Moisture: NA

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	1.0	< 1.0	U
74-83-9	Bromomethane	1.0	< 1.0	U
75-01-4	Vinyl Chloride	1.0	< 1.0	U
75-00-3	Chloroethane	1.0	< 1.0	U
75-09-2	Methylene Chloride	2.0	< 2.0	U
67-64-1	Acetone	5.0	< 5.0	U
75-15-0	Carbon Disulfide	1.0	< 1.0	U
75-35-4	1,1-Dichloroethene	1.0	< 1.0	U
75-34-3	1,1-Dichloroethane	1.0	< 1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	< 1.0	U
67-66-3	Chloroform	1.0	< 1.0	U
107-06-2	1,2-Dichloroethane	1.0	< 1.0	U
78-93-3	2-Butanone	5.0	< 5.0	U
71-55-6	1,1,1-Trichloroethane	1.0	< 1.0	U
56-23-5	Carbon Tetrachloride	1.0	< 1.0	U
108-05-4	Vinyl Acetate	5.0	< 5.0	U
75-27-4	Bromodichloromethane	1.0	< 1.0	U
78-87-5	1,2-Dichloropropane	1.0	< 1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	< 1.0	U
79-01-6	Trichloroethene	1.0	< 1.0	U
124-48-1	Dibromochloromethane	1.0	< 1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	< 1.0	U
71-43-2	Benzene	1.0	< 1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	< 1.0	U
110-75-8	2-Chloroethylvinylether	5.0	< 5.0	U
75-25-2	Bromoform	1.0	< 1.0	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	< 5.0	U
591-78-6	2-Hexanone	5.0	< 5.0	U
127-18-4	Tetrachloroethene	1.0	< 1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	< 1.0	U
108-88-3	Toluene	1.0	< 1.0	U
108-90-7	Chlorobenzene	1.0	< 1.0	U
100-41-4	Ethylbenzene	1.0	< 1.0	U
100-42-5	Styrene	1.0	< 1.0	U
75-69-4	Trichlorofluoromethane	1.0	< 1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	2.0	< 2.0	U
179601-23-1	m,p-Xylene	1.0	< 1.0	U
95-47-6	o-Xylene	1.0	< 1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	< 1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	< 1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	< 1.0	U
107-02-8	Acrolein	50	< 50	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	2.0	< 2.0	U
107-13-1	Acrylonitrile	5.0	< 5.0	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MB-033109**
 METHOD BLANK

Lab Sample ID: MB-033109 QC Report No: OT00-LANDAU
LIMS ID: 09-7745 Project: Sauro Property Enviro Cleanup
Matrix: Soil 094048.010.011
Date Analyzed: 03/31/09 11:09

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	1.0	< 1.0	U
74-95-3	Dibromomethane	1.0	< 1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	< 1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	< 5.0	U
96-18-4	1,2,3-Trichloropropane	2.0	< 2.0	U
110-57-6	trans-1,4-Dichloro-2-butene	5.0	< 5.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	< 1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	< 1.0	U
87-68-3	Hexachlorobutadiene	5.0	< 5.0	U
106-93-4	Ethylene Dibromide	1.0	< 1.0	U
74-97-5	Bromochloromethane	1.0	< 1.0	U
594-20-7	2,2-Dichloropropane	1.0	< 1.0	U
142-28-9	1,3-Dichloropropane	1.0	< 1.0	U
98-82-8	Isopropylbenzene	1.0	< 1.0	U
103-65-1	n-Propylbenzene	1.0	< 1.0	U
108-86-1	Bromobenzene	1.0	< 1.0	U
95-49-8	2-Chlorotoluene	1.0	< 1.0	U
106-43-4	4-Chlorotoluene	1.0	< 1.0	U
98-06-6	tert-Butylbenzene	1.0	< 1.0	U
135-98-8	sec-Butylbenzene	1.0	< 1.0	U
99-87-6	4-Isopropyltoluene	1.0	< 1.0	U
104-51-8	n-Butylbenzene	1.0	< 1.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	< 5.0	U
91-20-3	Naphthalene	5.0	< 5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	< 5.0	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	98.1%
d8-Toluene	97.8%
Bromofluorobenzene	100%
d4-1,2-Dichlorobenzene	99.7%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MB-040109**
Page 1 of 2 **METHOD BLANK**

Lab Sample ID: MB-040109
LIMS ID: 09-7746
Matrix: Soil
Data Release Authorized:
Reported: 04/03/09

QC Report No: OT00-LANDAU
Project: Sauro Property Enviro Cleanup 094048.010.011
Date Sampled: NA
Date Received: NA

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/01/09 11:36

Sample Amount: 100 mg-dry-wt
Purge Volume: 5.0 mL
Moisture: NA

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	50	< 50	U
74-83-9	Bromomethane	50	< 50	U
75-01-4	Vinyl Chloride	50	< 50	U
75-00-3	Chloroethane	50	< 50	U
75-09-2	Methylene Chloride	100	< 100	U
67-64-1	Acetone	250	< 250	U
75-15-0	Carbon Disulfide	50	< 50	U
75-35-4	1,1-Dichloroethene	50	< 50	U
75-34-3	1,1-Dichloroethane	50	< 50	U
156-60-5	trans-1,2-Dichloroethene	50	< 50	U
156-59-2	cis-1,2-Dichloroethene	50	< 50	U
67-66-3	Chloroform	50	< 50	U
107-06-2	1,2-Dichloroethane	50	< 50	U
78-93-3	2-Butanone	250	< 250	U
71-55-6	1,1,1-Trichloroethane	50	< 50	U
56-23-5	Carbon Tetrachloride	50	< 50	U
108-05-4	Vinyl Acetate	250	< 250	U
75-27-4	Bromodichloromethane	50	< 50	U
78-87-5	1,2-Dichloropropane	50	< 50	U
10061-01-5	cis-1,3-Dichloropropene	50	< 50	U
79-01-6	Trichloroethene	50	< 50	U
124-48-1	Dibromochloromethane	50	< 50	U
79-00-5	1,1,2-Trichloroethane	50	< 50	U
71-43-2	Benzene	50	< 50	U
10061-02-6	trans-1,3-Dichloropropene	50	< 50	U
110-75-8	2-Chloroethylvinylether	250	< 250	U
75-25-2	Bromoform	50	< 50	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	250	< 250	U
591-78-6	2-Hexanone	250	< 250	U
127-18-4	Tetrachloroethene	50	< 50	U
79-34-5	1,1,2,2-Tetrachloroethane	50	< 50	U
108-88-3	Toluene	50	< 50	U
108-90-7	Chlorobenzene	50	< 50	U
100-41-4	Ethylbenzene	50	< 50	U
100-42-5	Styrene	50	< 50	U
75-69-4	Trichlorofluoromethane	50	< 50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	100	< 100	U
179601-23-1	m,p-Xylene	50	< 50	U
95-47-6	o-Xylene	50	< 50	U
95-50-1	1,2-Dichlorobenzene	50	< 50	U
541-73-1	1,3-Dichlorobenzene	50	< 50	U
106-46-7	1,4-Dichlorobenzene	50	< 50	U
107-02-8	Acrolein	2,500	< 2,500	U
74-88-4	Methyl Iodide	50	< 50	U
74-96-4	Bromoethane	100	< 100	U
107-13-1	Acrylonitrile	250	< 250	U

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MB-040109**
 METHOD BLANK

Lab Sample ID: MB-040109 QC Report No: OT00-LANDAU
LIMS ID: 09-7746 Project: Sauro Property Enviro Cleanup
Matrix: Soil 094048.010.011
Date Analyzed: 04/01/09 11:36

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	50	< 50	U
74-95-3	Dibromomethane	50	< 50	U
630-20-6	1,1,1,2-Tetrachloroethane	50	< 50	U
96-12-8	1,2-Dibromo-3-chloropropane	250	< 250	U
96-18-4	1,2,3-Trichloropropane	100	< 100	U
110-57-6	trans-1,4-Dichloro-2-butene	250	< 250	U
108-67-8	1,3,5-Trimethylbenzene	50	< 50	U
95-63-6	1,2,4-Trimethylbenzene	50	< 50	U
87-68-3	Hexachlorobutadiene	250	< 250	U
106-93-4	Ethylene Dibromide	50	< 50	U
74-97-5	Bromochloromethane	50	< 50	U
594-20-7	2,2-Dichloropropane	50	< 50	U
142-28-9	1,3-Dichloropropane	50	< 50	U
98-82-8	Isopropylbenzene	50	< 50	U
103-65-1	n-Propylbenzene	50	< 50	U
108-86-1	Bromobenzene	50	< 50	U
95-49-8	2-Chlorotoluene	50	< 50	U
106-43-4	4-Chlorotoluene	50	< 50	U
98-06-6	tert-Butylbenzene	50	< 50	U
135-98-8	sec-Butylbenzene	50	< 50	U
99-87-6	4-Isopropyltoluene	50	< 50	U
104-51-8	n-Butylbenzene	50	< 50	U
120-82-1	1,2,4-Trichlorobenzene	250	< 250	U
91-20-3	Naphthalene	250	< 250	U
87-61-6	1,2,3-Trichlorobenzene	250	< 250	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	94.0%
d8-Toluene	98.6%
Bromofluorobenzene	98.7%
d4-1,2-Dichlorobenzene	97.5%

ANALYTICAL RESOURCES INCORPORATED

VOA SURROGATE RECOVERY SUMMARY

Matrix: Soil

QC Report No: OT00-LANDAU
Project: Sauro Property Enviro Cleanup
094048.010.011

ARI ID	Client ID	Level	DCE	TOL	BFB	DCB	TOT OUT
MB-033109	Method Blank	Low	98.1%	97.8%	100%	99.7%	0
LCS-033109	Lab Control	Low	97.6%	98.2%	101%	99.9%	0
LCSD-033109	Lab Control Dup	Low	101%	98.7%	103%	100%	0
OT00A	LAI-HA1(2)	Low	113%	98.8%	98.5%	103%	0
MB-040109	Method Blank	Med	94.0%	98.6%	98.7%	97.5%	0
LCS-040109	Lab Control	Med	99.7%	99.1%	103%	99.3%	0
LCSD-040109	Lab Control Dup	Med	101%	99.6%	103%	99.5%	0
OT00B	LAI-HA2(2)	Low	129%	85.8%	77.9%	99.8%	0
OT00BRE	LAI-HA2(2)	Med	101%	98.3%	103%	101%	0
OT00BMS	LAI-HA2(2)	Med	98.2%	98.3%	101%	99.2%	0
OT00BMSD	LAI-HA2(2)	Med	97.3%	98.6%	101%	100%	0

	LCS/MB LIMITS		QC LIMITS	
SW8260B	Low	Med	Low	Med
(DCE) = d4-1,2-Dichloroethane	75-120	76-120	72-134	69-120
(TOL) = d8-Toluene	80-122	80-120	78-124	80-120
(BFB) = Bromofluorobenzene	79-120	80-120	66-120	76-128
(DCB) = d4-1,2-Dichlorobenzene	80-120	80-120	79-120	80-120

Log Number Range: 09-7745 to 09-7746

ANALYTICAL RESOURCES INCORPORATED

VOA SURROGATE RECOVERY SUMMARY

Matrix: Water

QC Report No: OT00-LANDAU
Project: Sauro Property Enviro Cleanup
094048.010.011

ARI ID	Client ID	PV	DCE	TOL	BFB	DCB	TOT OUT
OT00C	Trip Blank	5	99.9%	98.9%	103%	101%	0

SW8260B	LCS/MB LIMITS	QC LIMITS
(DCE) = d4-1,2-Dichloroethane	79-120	80-120
(TOL) = d8-Toluene	80-120	80-120
(BFB) = Bromofluorobenzene	80-120	76-120
(DCB) = d4-1,2-Dichlorobenzene	80-120	80-124

Prep Method: SW5030B
Log Number Range: 09-7747 to 09-7747

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LCS-033109**
 LAB CONTROL SAMPLE

Lab Sample ID: LCS-033109
LIMS ID: 09-7745
Matrix: Soil
Data Release Authorized:
Reported: 04/03/09

QC Report No: OT00-LANDAU
Project: Sauro Property Enviro Cleanup 094048.010.011
Date Sampled: NA
Date Received: NA

Instrument/Analyst LCS: NT9/PAB
LCSD: NT9/PAB
Date Analyzed LCS: 03/31/09 10:14
LCSD: 03/31/09 10:42

Sample Amount LCS: 5.00 g-dry-wt
LCSD: 5.00 g-dry-wt
Purge Volume LCS: 5.0 mL
LCSD: 5.0 mL
Moisture: NA

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	44.8	50.0	89.6%	52.6	50.0	105%	16.0%
Bromomethane	46.2	50.0	92.4%	53.2	50.0	106%	14.1%
Vinyl Chloride	43.4	50.0	86.8%	51.3	50.0	103%	16.7%
Chloroethane	42.8	50.0	85.6%	50.4	50.0	101%	16.3%
Methylene Chloride	44.2	50.0	88.4%	50.3	50.0	101%	12.9%
Acetone	239	250	95.6%	260	250	104%	8.4%
Carbon Disulfide	45.1	50.0	90.2%	51.8	50.0	104%	13.8%
1,1-Dichloroethene	46.7	50.0	93.4%	54.7	50.0	109%	15.8%
1,1-Dichloroethane	43.5	50.0	87.0%	50.4	50.0	101%	14.7%
trans-1,2-Dichloroethene	44.4	50.0	88.8%	51.6	50.0	103%	15.0%
cis-1,2-Dichloroethene	44.4	50.0	88.8%	51.4	50.0	103%	14.6%
Chloroform	42.4	50.0	84.8%	49.9	50.0	99.8%	16.3%
1,2-Dichloroethane	43.6	50.0	87.2%	50.4	50.0	101%	14.5%
2-Butanone	242	250	96.8%	286	250	114%	16.7%
1,1,1-Trichloroethane	43.5	50.0	87.0%	51.0	50.0	102%	15.9%
Carbon Tetrachloride	41.2	50.0	82.4%	48.8	50.0	97.6%	16.9%
Vinyl Acetate	45.5	50.0	91.0%	52.8	50.0	106%	14.9%
Bromodichloromethane	43.9	50.0	87.8%	51.3	50.0	103%	15.5%
1,2-Dichloropropane	43.8	50.0	87.6%	50.5	50.0	101%	14.2%
cis-1,3-Dichloropropene	44.0	50.0	88.0%	50.9	50.0	102%	14.5%
Trichloroethene	41.0	50.0	82.0%	48.8	50.0	97.6%	17.4%
Dibromochloromethane	47.0	50.0	94.0%	54.0	50.0	108%	13.9%
1,1,2-Trichloroethane	45.0	50.0	90.0%	52.5	50.0	105%	15.4%
Benzene	42.2	50.0	84.4%	48.8	50.0	97.6%	14.5%
trans-1,3-Dichloropropene	44.8	50.0	89.6%	52.4	50.0	105%	15.6%
2-Chloroethylvinylether	37.1	50.0	74.2%	47.1	50.0	94.2%	23.8%
Bromoform	51.2	50.0	102%	57.6	50.0	115%	11.8%
4-Methyl-2-Pentanone (MIBK)	252	250	101%	300	250	120%	17.4%
2-Hexanone	224	250	89.6%	266	250	106%	17.1%
Tetrachloroethene	44.0	50.0	88.0%	50.1	50.0	100%	13.0%
1,1,2,2-Tetrachloroethane	46.0	50.0	92.0%	52.6	50.0	105%	13.4%
Toluene	42.0	50.0	84.0%	48.8	50.0	97.6%	15.0%
Chlorobenzene	42.6	50.0	85.2%	48.5	50.0	97.0%	13.0%
Ethylbenzene	42.4	50.0	84.8%	49.0	50.0	98.0%	14.4%
Styrene	45.5	50.0	91.0%	51.9	50.0	104%	13.1%
Trichlorofluoromethane	41.7	50.0	83.4%	49.6	50.0	99.2%	17.3%
1,1,2-Trichloro-1,2,2-trifluoroetha	49.4	50.0	98.8%	58.2	50.0	116%	16.4%
m,p-Xylene	86.3	100	86.3%	98.4	100	98.4%	13.1%
o-Xylene	43.2	50.0	86.4%	49.3	50.0	98.6%	13.2%
1,2-Dichlorobenzene	44.8	50.0	89.6%	49.1	50.0	98.2%	9.2%
1,3-Dichlorobenzene	45.1	50.0	90.2%	49.5	50.0	99.0%	9.3%
1,4-Dichlorobenzene	45.3	50.0	90.6%	49.7	50.0	99.4%	9.3%
Acrolein	256	250	102%	294	250	118%	13.8%
Methyl Iodide	48.2	50.0	96.4%	56.1	50.0	112%	15.1%
Bromoethane	47.2	50.0	94.4%	55.7	50.0	111%	16.5%
Acrylonitrile	50.1	50.0	100%	58.0	50.0	116%	14.6%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LCS-033109**
 LAB CONTROL SAMPLE

Lab Sample ID: LCS-033109 QC Report No: OT00-LANDAU
LIMS ID: 09-7745 Project: Sauro Property Enviro Cleanup
Matrix: Soil 094048.010.011

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
1,1-Dichloropropene	42.4	50.0	84.8%	49.8	50.0	99.6%	16.1%
Dibromomethane	46.2	50.0	92.4%	53.9	50.0	108%	15.4%
1,1,1,2-Tetrachloroethane	46.8	50.0	93.6%	54.1	50.0	108%	14.5%
1,2-Dibromo-3-chloropropane	45.9	50.0	91.8%	54.6	50.0	109%	17.3%
1,2,3-Trichloropropane	46.8	50.0	93.6%	52.9	50.0	106%	12.2%
trans-1,4-Dichloro-2-butene	47.9	50.0	95.8%	54.9	50.0	110%	13.6%
1,3,5-Trimethylbenzene	43.8	50.0	87.6%	48.6	50.0	97.2%	10.4%
1,2,4-Trimethylbenzene	43.8	50.0	87.6%	48.7	50.0	97.4%	10.6%
Hexachlorobutadiene	45.1	50.0	90.2%	50.1	50.0	100%	10.5%
Ethylene Dibromide	45.8	50.0	91.6%	53.4	50.0	107%	15.3%
Bromochloromethane	47.9	50.0	95.8%	54.6	50.0	109%	13.1%
2,2-Dichloropropane	43.5	50.0	87.0%	51.0	50.0	102%	15.9%
1,3-Dichloropropane	44.1	50.0	88.2%	50.9	50.0	102%	14.3%
Isopropylbenzene	44.5	50.0	89.0%	49.7	50.0	99.4%	11.0%
n-Propylbenzene	45.0	50.0	90.0%	49.9	50.0	99.8%	10.3%
Bromobenzene	47.2	50.0	94.4%	52.1	50.0	104%	9.9%
2-Chlorotoluene	44.6	50.0	89.2%	49.3	50.0	98.6%	10.0%
4-Chlorotoluene	46.9	50.0	93.8%	51.6	50.0	103%	9.5%
tert-Butylbenzene	42.1	50.0	84.2%	47.1	50.0	94.2%	11.2%
sec-Butylbenzene	42.5	50.0	85.0%	47.6	50.0	95.2%	11.3%
4-Isopropyltoluene	43.6	50.0	87.2%	48.4	50.0	96.8%	10.4%
n-Butylbenzene	43.5	50.0	87.0%	47.7	50.0	95.4%	9.2%
1,2,4-Trichlorobenzene	47.7	50.0	95.4%	52.0	50.0	104%	8.6%
Naphthalene	44.4	50.0	88.8%	51.5	50.0	103%	14.8%
1,2,3-Trichlorobenzene	46.4	50.0	92.8%	51.6	50.0	103%	10.6%

Reported in µg/kg (ppb)

RPD calculated using sample concentrations per SW846.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	97.6%	101%
d8-Toluene	98.2%	98.7%
Bromofluorobenzene	101%	103%
d4-1,2-Dichlorobenzene	99.9%	100%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LCS-040109**
 LAB CONTROL SAMPLE

Lab Sample ID: LCS-040109
LIMS ID: 09-7746
Matrix: Soil
Data Release Authorized:
Reported: 04/03/09

QC Report No: OT00-LANDAU
Project: Sauro Property Enviro Cleanup 094048.010.011
Date Sampled: NA
Date Received: NA

Instrument/Analyst LCS: NT9/PAB
LCSD: NT9/PAB
Date Analyzed LCS: 04/01/09 10:41
LCSD: 04/01/09 11:09

Sample Amount LCS: 100 mg-dry-wt
LCSD: 100 mg-dry-wt
Purge Volume LCS: 5.0 mL
LCSD: 5.0 mL
Moisture: NA

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	2280	2500	91.2%	2430	2500	97.2%	6.4%
Bromomethane	2300	2500	92.0%	2500	2500	100%	8.3%
Vinyl Chloride	2190	2500	87.6%	2380	2500	95.2%	8.3%
Chloroethane	2240	2500	89.6%	2450	2500	98.0%	9.0%
Methylene Chloride	2160	2500	86.4%	2300	2500	92.0%	6.3%
Acetone	12400	12500	99.2%	12100	12500	96.8%	2.4%
Carbon Disulfide	2270	2500	90.8%	2450	2500	98.0%	7.6%
1,1-Dichloroethene	2350	2500	94.0%	2550	2500	102%	8.2%
1,1-Dichloroethane	2200	2500	88.0%	2380	2500	95.2%	7.9%
trans-1,2-Dichloroethene	2250	2500	90.0%	2410	2500	96.4%	6.9%
cis-1,2-Dichloroethene	2270	2500	90.8%	2410	2500	96.4%	6.0%
Chloroform	2170	2500	86.8%	2340	2500	93.6%	7.5%
1,2-Dichloroethane	2240	2500	89.6%	2380	2500	95.2%	6.1%
2-Butanone	12700	12500	102%	13100	12500	105%	3.1%
1,1,1-Trichloroethane	2190	2500	87.6%	2380	2500	95.2%	8.3%
Carbon Tetrachloride	2080	2500	83.2%	2270	2500	90.8%	8.7%
Vinyl Acetate	2420	2500	96.8%	2540	2500	102%	4.8%
Bromodichloromethane	2270	2500	90.8%	2410	2500	96.4%	6.0%
1,2-Dichloropropane	2250	2500	90.0%	2420	2500	96.8%	7.3%
cis-1,3-Dichloropropene	2290	2500	91.6%	2420	2500	96.8%	5.5%
Trichloroethene	2110	2500	84.4%	2540	2500	102%	18.5%
Dibromochloromethane	2400	2500	96.0%	2550	2500	102%	6.1%
1,1,2-Trichloroethane	2320	2500	92.8%	2480	2500	99.2%	6.7%
Benzene	2140	2500	85.6%	2320	2500	92.8%	8.1%
trans-1,3-Dichloropropene	2330	2500	93.2%	2510	2500	100%	7.4%
2-Chloroethylvinylether	1930	2500	77.2%	2220	2500	88.8%	14.0%
Bromoform	2580	2500	103%	2770	2500	111%	7.1%
4-Methyl-2-Pentanone (MIBK)	13500	12500	108%	14100	12500	113%	4.3%
2-Hexanone	12000	12500	96.0%	12500	12500	100%	4.1%
Tetrachloroethene	2190	2500	87.6%	2360	2500	94.4%	7.5%
1,1,2,2-Tetrachloroethane	2360	2500	94.4%	2540	2500	102%	7.3%
Toluene	2150	2500	86.0%	2310	2500	92.4%	7.2%
Chlorobenzene	2160	2500	86.4%	2300	2500	92.0%	6.3%
Ethylbenzene	2130	2500	85.2%	2310	2500	92.4%	8.1%
Styrene	2310	2500	92.4%	2490	2500	99.6%	7.5%
Trichlorofluoromethane	2070	2500	82.8%	2290	2500	91.6%	10.1%
1,1,2-Trichloro-1,2,2-trifluoroetha	2530	2500	101%	2720	2500	109%	7.2%
m,p-Xylene	4320	5000	86.4%	4640	5000	92.8%	7.1%
o-Xylene	2170	2500	86.8%	2350	2500	94.0%	8.0%
1,2-Dichlorobenzene	2240	2500	89.6%	2460	2500	98.4%	9.4%
1,3-Dichlorobenzene	2250	2500	90.0%	2460	2500	98.4%	8.9%
1,4-Dichlorobenzene	2260	2500	90.4%	2470	2500	98.8%	8.9%
Acrolein	13400	12500	107%	13700	12500	110%	2.2%
Methyl Iodide	2400	2500	96.0%	2600	2500	104%	8.0%
Bromoethane	2390	2500	95.6%	2600	2500	104%	8.4%
Acrylonitrile	2660	2500	106%	2720	2500	109%	2.2%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LCS-040109**
 LAB CONTROL SAMPLE

Lab Sample ID: LCS-040109 QC Report No: OT00-LANDAU
LIMS ID: 09-7746 Project: Sauro Property Enviro Cleanup
Matrix: Soil 094048.010.011

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
1,1-Dichloropropene	2150	2500	86.0%	2350	2500	94.0%	8.9%
Dibromomethane	2390	2500	95.6%	2530	2500	101%	5.7%
1,1,1,2-Tetrachloroethane	2370	2500	94.8%	2560	2500	102%	7.7%
1,2-Dibromo-3-chloropropane	2490	2500	99.6%	2670	2500	107%	7.0%
1,2,3-Trichloropropane	2390	2500	95.6%	2510	2500	100%	4.9%
trans-1,4-Dichloro-2-butene	2460	2500	98.4%	2700	2500	108%	9.3%
1,3,5-Trimethylbenzene	2170	2500	86.8%	2390	2500	95.6%	9.6%
1,2,4-Trimethylbenzene	2200	2500	88.0%	2400	2500	96.0%	8.7%
Hexachlorobutadiene	2280	2500	91.2%	2580	2500	103%	12.3%
Ethylene Dibromide	2390	2500	95.6%	2520	2500	101%	5.3%
Bromochloromethane	2410	2500	96.4%	2580	2500	103%	6.8%
2,2-Dichloropropane	2210	2500	88.4%	2380	2500	95.2%	7.4%
1,3-Dichloropropane	2290	2500	91.6%	2420	2500	96.8%	5.5%
Isopropylbenzene	2210	2500	88.4%	2410	2500	96.4%	8.7%
n-Propylbenzene	2240	2500	89.6%	2450	2500	98.0%	9.0%
Bromobenzene	2350	2500	94.0%	2520	2500	101%	7.0%
2-Chlorotoluene	2240	2500	89.6%	2420	2500	96.8%	7.7%
4-Chlorotoluene	2350	2500	94.0%	2540	2500	102%	7.8%
tert-Butylbenzene	2100	2500	84.0%	2300	2500	92.0%	9.1%
sec-Butylbenzene	2130	2500	85.2%	2330	2500	93.2%	9.0%
4-Isopropyltoluene	2190	2500	87.6%	2390	2500	95.6%	8.7%
n-Butylbenzene	2210	2500	88.4%	2410	2500	96.4%	8.7%
1,2,4-Trichlorobenzene	2440	2500	97.6%	2710	2500	108%	10.5%
Naphthalene	2350	2500	94.0%	2650	2500	106%	12.0%
1,2,3-Trichlorobenzene	2400	2500	96.0%	2720	2500	109%	12.5%

Reported in µg/kg (ppb)

RPD calculated using sample concentrations per SW846.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	99.7%	101%
d8-Toluene	99.1%	99.6%
Bromofluorobenzene	103%	103%
d4-1,2-Dichlorobenzene	99.3%	99.5%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-HA2(2)**
 MATRIX SPIKE

Lab Sample ID: OT00B
LIMS ID: 09-7746
Matrix: Soil
Data Release Authorized:
Reported: 04/03/09

QC Report No: OT00-LANDAU
Project: Sauro Property Enviro Cleanup
094048.010.011
Date Sampled: 03/30/09
Date Received: 03/31/09

Instrument/Analyst MS: NT9/PAB
MSD: NT9/PAB
Date Analyzed MS: 04/01/09 15:31
MSD: 04/01/09 15:58

Sample Amount MS: 22.6 mg-dry-wt
MSD: 22.6 mg-dry-wt
Purge Volume MS: 5.0 mL
MSD: 5.0 mL
Moisture: 0.0%

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Chloromethane	< 222 U	5480	11100	49.4%	11800	11100	106%	73.1%
Bromomethane	< 222 U	11300	11100	102%	11700	11100	105%	3.5%
Vinyl Chloride	< 222 U	11400	11100	103%	11800	11100	106%	3.4%
Chloroethane	< 222 U	11000	11100	99.1%	11300	11100	102%	2.7%
Methylene Chloride	< 443 U	10600	11100	95.5%	10700	11100	96.4%	0.9%
Acetone	< 1110 U	55100	55300	99.6%	57000	55300	103%	3.4%
Carbon Disulfide	< 222 U	11400	11100	103%	11500	11100	104%	0.9%
1,1-Dichloroethene	< 222 U	11900	11100	107%	12200	11100	110%	2.5%
1,1-Dichloroethane	< 222 U	11100	11100	100%	11300	11100	102%	1.8%
trans-1,2-Dichloroethene	< 222 U	11300	11100	102%	11500	11100	104%	1.8%
cis-1,2-Dichloroethene	326	11500	11100	101%	11600	11100	102%	0.9%
Chloroform	< 222 U	10900	11100	98.2%	11100	11100	100%	1.8%
1,2-Dichloroethane	< 222 U	10700	11100	96.4%	10800	11100	97.3%	0.9%
2-Butanone	< 1110 U	59800	55300	108%	61500	55300	111%	2.8%
1,1,1-Trichloroethane	< 222 U	11300	11100	102%	11500	11100	104%	1.8%
Carbon Tetrachloride	< 222 U	10800	11100	97.3%	11000	11100	99.1%	1.8%
Vinyl Acetate	< 1110 U	11400	11100	103%	11500	11100	104%	0.9%
Bromodichloromethane	< 222 U	10700	11100	96.4%	10900	11100	98.2%	1.9%
1,2-Dichloropropane	< 222 U	11000	11100	99.1%	11100	11100	100%	0.9%
cis-1,3-Dichloropropene	< 222 U	10700	11100	96.4%	10800	11100	97.3%	0.9%
Trichloroethene	2260	13900	11100	105%	14200	11100	108%	2.1%
Dibromochloromethane	< 222 U	11400	11100	103%	10800	11100	97.3%	5.4%
1,1,2-Trichloroethane	< 222 U	11000	11100	99.1%	11100	11100	100%	0.9%
Benzene	< 222 U	10700	11100	96.4%	10900	11100	98.2%	1.9%
trans-1,3-Dichloropropene	< 222 U	10800	11100	97.3%	11000	11100	99.1%	1.8%
2-Chloroethylvinylether	< 1110 U	10600	11100	95.5%	11200	11100	101%	5.5%
Bromoform	< 222 U	12200	11100	110%	9040	11100	81.4%	29.8%
4-Methyl-2-Pentanone (MIBK)	< 1110 U	49600	55300	89.7%	50400	55300	91.1%	1.6%
2-Hexanone	< 1110 U	36600	55300	66.2%	39000	55300	70.5%	6.3%
Tetrachloroethene	27100	37600	11100	94.6%	38300	11100	101%	1.8%
1,1,2,2-Tetrachloroethane	< 222 U	11300	11100	102%	11500	11100	104%	1.8%
Toluene	< 222 U	10600	11100	95.5%	10700	11100	96.4%	0.9%
Chlorobenzene	< 222 U	10500	11100	94.6%	10400	11100	93.7%	1.0%
Ethylbenzene	< 222 U	10500	11100	94.6%	10600	11100	95.5%	0.9%
Styrene	< 222 U	11200	11100	101%	11000	11100	99.1%	1.8%
Trichlorofluoromethane	< 222 U	10900	11100	98.2%	11000	11100	99.1%	0.9%
1,1,2-Trichloro-1,2,2-trifl	< 443 U	12800	11100	115%	12300	11100	111%	4.0%
m,p-Xylene	< 222 U	21300	22100	96.4%	20800	22100	94.1%	2.4%
o-Xylene	< 222 U	10800	11100	97.3%	10500	11100	94.6%	2.8%
1,2-Dichlorobenzene	< 222 U	10600	11100	95.5%	10200	11100	91.9%	3.8%
1,3-Dichlorobenzene	< 222 U	10600	11100	95.5%	10100	11100	91.0%	4.8%
1,4-Dichlorobenzene	< 222 U	10500	11100	94.6%	10000	11100	90.1%	4.9%
Acrolein	< 11100 U	62100	55300	112%	63400	55300	115%	2.1%
Methyl Iodide	< 222 U	12200	11100	110%	12300	11100	111%	0.8%
Bromoethane	< 443 U	12100	11100	109%	12300	11100	111%	1.6%
Acrylonitrile	< 1110 U	12300	11100	111%	12500	11100	113%	1.6%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-HA2(2)**
 MATRIX SPIKE

Lab Sample ID: OT00B
LIMS ID: 09-7746
Matrix: Soil

QC Report No: OT00-LANDAU
Project: Sauro Property Enviro Cleanup
094048.010.011

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
1,1-Dichloropropene	< 222 U	10800	11100	97.3%	11100	11100	100%	2.7%
Dibromomethane	< 222 U	11200	11100	101%	11300	11100	102%	0.9%
1,1,1,2-Tetrachloroethane	< 222 U	11700	11100	105%	11600	11100	105%	0.9%
1,2-Dibromo-3-chloropropane	< 1110 U	11900	11100	107%	11900	11100	107%	0.0%
1,2,3-Trichloropropane	< 443 U	11400	11100	103%	11800	11100	106%	3.4%
trans-1,4-Dichloro-2-butene	< 1110 U	12400	11100	112%	12300	11100	111%	0.8%
1,3,5-Trimethylbenzene	< 222 U	10800	11100	97.3%	10500	11100	94.6%	2.8%
1,2,4-Trimethylbenzene	< 222 U	10600	11100	95.5%	10300	11100	92.8%	2.9%
Hexachlorobutadiene	< 1110 U	10800	11100	97.3%	9950	11100	89.6%	8.2%
Ethylene Dibromide	< 222 U	11100	11100	100%	11200	11100	101%	0.9%
Bromochloromethane	< 222 U	11700	11100	105%	11600	11100	105%	0.9%
2,2-Dichloropropane	< 222 U	11200	11100	101%	11500	11100	104%	2.6%
1,3-Dichloropropane	< 222 U	10800	11100	97.3%	10800	11100	97.3%	0.0%
Isopropylbenzene	< 222 U	11200	11100	101%	11100	11100	100%	0.9%
n-Propylbenzene	< 222 U	11200	11100	101%	10900	11100	98.2%	2.7%
Bromobenzene	< 222 U	11400	11100	103%	11200	11100	101%	1.8%
2-Chlorotoluene	< 222 U	11000	11100	99.1%	11000	11100	99.1%	0.0%
4-Chlorotoluene	< 222 U	11200	11100	101%	10900	11100	98.2%	2.7%
tert-Butylbenzene	< 222 U	10700	11100	96.4%	10400	11100	93.7%	2.8%
sec-Butylbenzene	< 222 U	10700	11100	96.4%	10300	11100	92.8%	3.8%
4-Isopropyltoluene	< 222 U	10600	11100	95.5%	10200	11100	91.9%	3.8%
n-Butylbenzene	< 222 U	10400	11100	93.7%	9850	11100	88.7%	5.4%
1,2,4-Trichlorobenzene	< 1110 U	10400	11100	93.7%	9410	11100	84.8%	10.0%
Naphthalene	< 1110 U	10700	11100	96.4%	10600	11100	95.5%	0.9%
1,2,3-Trichlorobenzene	< 1110 U	10500	11100	94.6%	9650	11100	86.9%	8.4%

Reported in µg/kg (ppb)

RPD calculated using sample concentrations per SW846.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

April 10, 2009

Jennifer Wynkoop
Landau Associates, Inc.
950 Pacific Ave # 515
Tacoma, WA 98402

RE: Project No: 094048.010.011
Project Name: Sauro's
ARI Job No: OU15

Dear Jennifer:

Please find enclosed copies of the chain of custodies (COC) and the final results from the project referenced above. Analytical Resources, Inc. accepted twenty soil samples and a trip blank in good condition on April 6, 2009. The samples were logged under two ARI SDGs (OU16 and OU15) based on sample volumes.

The samples were analyzed for VOCs, as requested on the COC.

The method blanks contained methylene chloride. All associated samples that contained methylene chloride have been flagged with a "B" qualifier.

The matrix spike and matrix spike duplicate on sample **LAI-P4-13.0** is out of control low for several analytes with wide sample duplicate RPDs. All other QC is in control and no further corrective action was taken.

There were no other anomalies associated with the samples.

A copy of these reports and all corresponding raw data will remain on file electronically with ARI. If you have any questions or require additional information, please contact me at your convenience.

Sincerely,

ANALYTICAL RESOURCES, INC.

Kelly Bottem
Client Services Manager
(206) 695-6211
kellyb@arilabs.com

Enclosures

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 0U15	Turn-around Requested: 5 day	Page: 1 of 2	
ARI Client Company: Landau	Phone:	Date: 4/3/09	Ice Present?
Client Contact: Jennifer Lyncoop		No. of Coolers:	Cooler Temps:
Client Project Name: Sam's			
Client Project #: 094048.010.011	Samplers: Nathan Moxley		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: VOC's	Notes/Comments
LAI-HA6-4.0	4/3/09	0835	Soil	3	X	
LAI-HA5-3.0	"	0845	"	"	"	
LAI-HA4-3.3	"	0900	"	"	"	
LAI-HA3-3.5	"	0915	"	"	"	
LAI-HA7-4.0	"	0935	"	"	"	
LAI-HA1-3.5	"	0950	"	"	"	
LAI-P4-3.0	"	1010	"	"	"	
LAI-P4-8.0	"	1015	"	"	"	
LAI-P4-13.0	"	1020	"	"	"	
LAI-P4-18.0	"	1025	"	"	"	

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Nathan Moxley	Printed Name: Kelly Dotten	Printed Name:	Printed Name:
	Company: Landau	Company: ARI	Company:	Company:
	Date & Time: 4/6/09 @ 1230	Date & Time: 4/6/09 @ 12:30	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: All samples submitted to ARI will be appropriately discarded no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer, unless alternate retention schedules have been established by work-order or contract.

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number:	Turn-around Requested: 5 day	Page: 2 of 2	
ARI Client Company: Landau	Phone:	Date: 4/3/09	Ice Present?
Client Contact: Jennifer Wyncoop		No. of Coolers:	Cooler Temps:
Client Project Name: Sauris			
Client Project #: 094048.010.011	Samplers: Nathan Moxley		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: SVOC	Notes/Comments
LAI-P5-3.0	4/3/09	1100	Soil	3	X	
LAI-P5-8.7		1105				
LAI-P5-11.0		1110				
LAI-P5-14.0		1115				
LAI-P6-4.0		1140				
LAI-P6-8.0		1145				
LAI-P6-12.0		1150				
LAI-P10-5.5		1250				
LAI-P8-8.0		1440				
LAI-P8-12.0		1445				

Comments/Special Instructions	Relinquished by:	Received by:	Relinquished by:	Received by:
	(Signature)	(Signature)	(Signature)	(Signature)
	Printed Name: Nathan Moxley	Printed Name: Kelly Dotten	Printed Name:	Printed Name:
	Company: Landau	Company: ARI	Company:	Company:
	Date & Time: 4/6/09 @ 1230	Date & Time: 4/6/09 @ 12:30	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: All samples submitted to ARI will be appropriately discarded no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer, unless alternate retention schedules have been established by work-order or contract.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Landau Project Name: Savo's

COC No(s): _____ (NA) Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: QU15 Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)..... 5.0°C

If cooler temperature is out of compliance ~~fill out form~~ 00070F Temp Gun ID#: 101896

Cooler Accepted by: [signature] Date: 4/6/09 Time: 12:30

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ... Bubble Wrap (Wet Ice) Gel Packs Baggies (Foam Block) Paper Other: box			
Was sufficient ice used (if appropriate)?	NA	(YES)	NO
Were all bottles sealed in individual plastic bags?		YES	(NO)
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		YES	(NO)
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO

Samples Logged by: AV Date: 4/6/09 Time: 1406

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC
None	LAI-HA3-3.5		
LAI-PS-	LAI-PS-3.0		

Additional Notes, Discrepancies, & Resolutions:

By: Date:

Small Air Bubbles < 2mm	Peabubbles 2-4 mm	LARGE Air Bubbles > 4 mm
• • •	• • •	● ● ●

Small → "sm"
Peabubbles → "pb"
Large → "lg"
Headspace → "hs"

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-HA6-4.0**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OU15A
LIMS ID: 09-8585
Matrix: Soil
Data Release Authorized:
Reported: 04/09/09

QC Report No: OU15-Landau Associates, Inc.
Project: SAURO'S
094048.010.011
Date Sampled: 04/03/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/06/09 16:39

Sample Amount: 6.51 g-dry-wt
Purge Volume: 5.0 mL
Moisture: 18.7%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.8	< 0.8	U
74-83-9	Bromomethane	0.8	< 0.8	U
75-01-4	Vinyl Chloride	0.8	< 0.8	U
75-00-3	Chloroethane	0.8	< 0.8	U
75-09-2	**Methylene Chloride**	**1.5**	**3.2**	**B**
67-64-1	**Acetone**	**3.8**	**130**	
75-15-0	Carbon Disulfide	0.8	< 0.8	U
75-35-4	1,1-Dichloroethene	0.8	< 0.8	U
75-34-3	1,1-Dichloroethane	0.8	< 0.8	U
156-60-5	trans-1,2-Dichloroethene	0.8	< 0.8	U
156-59-2	**cis-1,2-Dichloroethene**	**0.8**	**29**	
67-66-3	Chloroform	0.8	< 0.8	U
107-06-2	1,2-Dichloroethane	0.8	< 0.8	U
78-93-3	**2-Butanone**	**3.8**	**7.0**	
71-55-6	1,1,1-Trichloroethane	0.8	< 0.8	U
56-23-5	Carbon Tetrachloride	0.8	< 0.8	U
108-05-4	Vinyl Acetate	3.8	< 3.8	U
75-27-4	Bromodichloromethane	0.8	< 0.8	U
78-87-5	1,2-Dichloropropane	0.8	< 0.8	U
10061-01-5	cis-1,3-Dichloropropene	0.8	< 0.8	U
79-01-6	**Trichloroethene**	**0.8**	**63**	
124-48-1	Dibromochloromethane	0.8	< 0.8	U
79-00-5	1,1,2-Trichloroethane	0.8	< 0.8	U
71-43-2	**Benzene**	**0.8**	**1.7**	
10061-02-6	trans-1,3-Dichloropropene	0.8	< 0.8	U
110-75-8	2-Chloroethylvinylether	3.8	< 3.8	U
75-25-2	Bromoform	0.8	< 0.8	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	3.8	< 3.8	U
591-78-6	2-Hexanone	3.8	< 3.8	U
127-18-4	**Tetrachloroethene**	**0.8**	**380**	**E**
79-34-5	1,1,2,2-Tetrachloroethane	0.8	< 0.8	U
108-88-3	**Toluene**	**0.8**	**1.5**	
108-90-7	Chlorobenzene	0.8	< 0.8	U
100-41-4	Ethylbenzene	0.8	< 0.8	U
100-42-5	Styrene	0.8	< 0.8	U
75-69-4	Trichlorofluoromethane	0.8	< 0.8	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	1.5	< 1.5	U
179601-23-1	m,p-Xylene	0.8	< 0.8	U
95-47-6	o-Xylene	0.8	< 0.8	U
95-50-1	1,2-Dichlorobenzene	0.8	< 0.8	U
541-73-1	1,3-Dichlorobenzene	0.8	< 0.8	U
106-46-7	1,4-Dichlorobenzene	0.8	< 0.8	U
107-02-8	Acrolein	38	< 38	U
74-88-4	Methyl Iodide	0.8	< 0.8	U
74-96-4	Bromoethane	1.5	< 1.5	U
107-13-1	Acrylonitrile	3.8	< 3.8	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-HA6-4.0**
 SAMPLE

Lab Sample ID: OU15A
LIMS ID: 09-8585
Matrix: Soil
Date Analyzed: 04/06/09 16:39

QC Report No: OU15-Landau Associates, Inc.
Project: SAURO'S
094048.010.011

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	0.8	< 0.8	U
74-95-3	Dibromomethane	0.8	< 0.8	U
630-20-6	1,1,1,2-Tetrachloroethane	0.8	< 0.8	U
96-12-8	1,2-Dibromo-3-chloropropane	3.8	< 3.8	U
96-18-4	1,2,3-Trichloropropane	1.5	< 1.5	U
110-57-6	trans-1,4-Dichloro-2-butene	3.8	< 3.8	U
108-67-8	1,3,5-Trimethylbenzene	0.8	< 0.8	U
95-63-6	1,2,4-Trimethylbenzene	0.8	< 0.8	U
87-68-3	Hexachlorobutadiene	3.8	< 3.8	U
106-93-4	Ethylene Dibromide	0.8	< 0.8	U
74-97-5	Bromochloromethane	0.8	< 0.8	U
594-20-7	2,2-Dichloropropane	0.8	< 0.8	U
142-28-9	1,3-Dichloropropane	0.8	< 0.8	U
98-82-8	Isopropylbenzene	0.8	< 0.8	U
103-65-1	n-Propylbenzene	0.8	< 0.8	U
108-86-1	Bromobenzene	0.8	< 0.8	U
95-49-8	2-Chlorotoluene	0.8	< 0.8	U
106-43-4	4-Chlorotoluene	0.8	< 0.8	U
98-06-6	tert-Butylbenzene	0.8	< 0.8	U
135-98-8	sec-Butylbenzene	0.8	< 0.8	U
99-87-6	4-Isopropyltoluene	0.8	< 0.8	U
104-51-8	n-Butylbenzene	0.8	< 0.8	U
120-82-1	1,2,4-Trichlorobenzene	3.8	< 3.8	U
91-20-3	Naphthalene	3.8	< 3.8	U
87-61-6	1,2,3-Trichlorobenzene	3.8	< 3.8	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	112%
d8-Toluene	95.2%
Bromofluorobenzene	89.0%
d4-1,2-Dichlorobenzene	100%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-HA6-4.0**
Page 1 of 2 **REANALYSIS**

Lab Sample ID: OU15A
LIMS ID: 09-8585
Matrix: Soil
Data Release Authorized:
Reported: 04/09/09

QC Report No: OU15-Landau Associates, Inc.
Project: SAURO'S
094048.010.011
Date Sampled: 04/03/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/07/09 12:09

Sample Amount: 76.1 mg-dry-wt
Purge Volume: 5.0 mL
Moisture: 18.7%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	66	< 66	U
74-83-9	Bromomethane	66	< 66	U
75-01-4	Vinyl Chloride	66	< 66	U
75-00-3	Chloroethane	66	< 66	U
75-09-2	**Methylene Chloride**	**130**	**190**	**B**
67-64-1	Acetone	330	< 330	U
75-15-0	Carbon Disulfide	66	< 66	U
75-35-4	1,1-Dichloroethene	66	< 66	U
75-34-3	1,1-Dichloroethane	66	< 66	U
156-60-5	trans-1,2-Dichloroethene	66	< 66	U
156-59-2	**cis-1,2-Dichloroethene**	**66**	**74**	
67-66-3	Chloroform	66	< 66	U
107-06-2	1,2-Dichloroethane	66	< 66	U
78-93-3	2-Butanone	330	< 330	U
71-55-6	1,1,1-Trichloroethane	66	< 66	U
56-23-5	Carbon Tetrachloride	66	< 66	U
108-05-4	Vinyl Acetate	330	< 330	U
75-27-4	Bromodichloromethane	66	< 66	U
78-87-5	1,2-Dichloropropane	66	< 66	U
10061-01-5	cis-1,3-Dichloropropene	66	< 66	U
79-01-6	**Trichloroethene**	**66**	**260**	
124-48-1	Dibromochloromethane	66	< 66	U
79-00-5	1,1,2-Trichloroethane	66	< 66	U
71-43-2	Benzene	66	< 66	U
10061-02-6	trans-1,3-Dichloropropene	66	< 66	U
110-75-8	2-Chloroethylvinylether	330	< 330	U
75-25-2	Bromoform	66	< 66	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	330	< 330	U
591-78-6	2-Hexanone	330	< 330	U
127-18-4	**Tetrachloroethene**	**66**	**2,100**	
79-34-5	1,1,2,2-Tetrachloroethane	66	< 66	U
108-88-3	Toluene	66	< 66	U
108-90-7	Chlorobenzene	66	< 66	U
100-41-4	Ethylbenzene	66	< 66	U
100-42-5	Styrene	66	< 66	U
75-69-4	Trichlorofluoromethane	66	< 66	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	130	< 130	U
179601-23-1	m,p-Xylene	66	< 66	U
95-47-6	o-Xylene	66	< 66	U
95-50-1	1,2-Dichlorobenzene	66	< 66	U
541-73-1	1,3-Dichlorobenzene	66	< 66	U
106-46-7	1,4-Dichlorobenzene	66	< 66	U
107-02-8	Acrolein	3,300	< 3,300	U
74-88-4	Methyl Iodide	66	< 66	U
74-96-4	Bromoethane	130	< 130	U
107-13-1	Acrylonitrile	330	< 330	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-HA6-4.0**
 REANALYSIS

Lab Sample ID: OU15A QC Report No: OU15-Landau Associates, Inc.
LIMS ID: 09-8585 Project: SAURO'S
Matrix: Soil 094048.010.011
Date Analyzed: 04/07/09 12:09

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	66	< 66	U
74-95-3	Dibromomethane	66	< 66	U
630-20-6	1,1,1,2-Tetrachloroethane	66	< 66	U
96-12-8	1,2-Dibromo-3-chloropropane	330	< 330	U
96-18-4	1,2,3-Trichloropropane	130	< 130	U
110-57-6	trans-1,4-Dichloro-2-butene	330	< 330	U
108-67-8	1,3,5-Trimethylbenzene	66	< 66	U
95-63-6	1,2,4-Trimethylbenzene	66	< 66	U
87-68-3	Hexachlorobutadiene	330	< 330	U
106-93-4	Ethylene Dibromide	66	< 66	U
74-97-5	Bromochloromethane	66	< 66	U
594-20-7	2,2-Dichloropropane	66	< 66	U
142-28-9	1,3-Dichloropropane	66	< 66	U
98-82-8	Isopropylbenzene	66	< 66	U
103-65-1	n-Propylbenzene	66	< 66	U
108-86-1	Bromobenzene	66	< 66	U
95-49-8	2-Chlorotoluene	66	< 66	U
106-43-4	4-Chlorotoluene	66	< 66	U
98-06-6	tert-Butylbenzene	66	< 66	U
135-98-8	sec-Butylbenzene	66	< 66	U
99-87-6	4-Isopropyltoluene	66	< 66	U
104-51-8	n-Butylbenzene	66	< 66	U
120-82-1	1,2,4-Trichlorobenzene	330	< 330	U
91-20-3	Naphthalene	330	< 330	U
87-61-6	1,2,3-Trichlorobenzene	330	< 330	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	97.9%
d8-Toluene	97.4%
Bromofluorobenzene	102%
d4-1,2-Dichlorobenzene	100%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-HA5-3.0**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OU15B
LIMS ID: 09-8586
Matrix: Soil
Data Release Authorized:
Reported: 04/09/09

QC Report No: OU15-Landau Associates, Inc.
Project: SAURO'S
094048.010.011
Date Sampled: 04/03/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/06/09 17:07

Sample Amount: 7.20 g-dry-wt
Purge Volume: 5.0 mL
Moisture: 16.6%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.7	< 0.7	U
74-83-9	Bromomethane	0.7	< 0.7	U
75-01-4	Vinyl Chloride	0.7	< 0.7	U
75-00-3	Chloroethane	0.7	< 0.7	U
75-09-2	**Methylene Chloride**	**1.4**	**1.6**	**B**
67-64-1	**Acetone**	**3.5**	**100**	
75-15-0	Carbon Disulfide	0.7	< 0.7	U
75-35-4	1,1-Dichloroethene	0.7	< 0.7	U
75-34-3	1,1-Dichloroethane	0.7	< 0.7	U
156-60-5	trans-1,2-Dichloroethene	0.7	< 0.7	U
156-59-2	**cis-1,2-Dichloroethene**	**0.7**	**22**	
67-66-3	Chloroform	0.7	< 0.7	U
107-06-2	1,2-Dichloroethane	0.7	< 0.7	U
78-93-3	**2-Butanone**	**3.5**	**5.1**	
71-55-6	1,1,1-Trichloroethane	0.7	< 0.7	U
56-23-5	Carbon Tetrachloride	0.7	< 0.7	U
108-05-4	Vinyl Acetate	3.5	< 3.5	U
75-27-4	Bromodichloromethane	0.7	< 0.7	U
78-87-5	1,2-Dichloropropane	0.7	< 0.7	U
10061-01-5	cis-1,3-Dichloropropene	0.7	< 0.7	U
79-01-6	**Trichloroethene**	**0.7**	**38**	
124-48-1	Dibromochloromethane	0.7	< 0.7	U
79-00-5	1,1,2-Trichloroethane	0.7	< 0.7	U
71-43-2	**Benzene**	**0.7**	**1.4**	
10061-02-6	trans-1,3-Dichloropropene	0.7	< 0.7	U
110-75-8	2-Chloroethylvinylether	3.5	< 3.5	U
75-25-2	Bromoform	0.7	< 0.7	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	3.5	< 3.5	U
591-78-6	2-Hexanone	3.5	< 3.5	U
127-18-4	**Tetrachloroethene**	**0.7**	**280**	**E**
79-34-5	1,1,2,2-Tetrachloroethane	0.7	< 0.7	U
108-88-3	**Toluene**	**0.7**	**1.1**	
108-90-7	Chlorobenzene	0.7	< 0.7	U
100-41-4	Ethylbenzene	0.7	< 0.7	U
100-42-5	Styrene	0.7	< 0.7	U
75-69-4	Trichlorofluoromethane	0.7	< 0.7	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	1.4	< 1.4	U
179601-23-1	m,p-Xylene	0.7	< 0.7	U
95-47-6	o-Xylene	0.7	< 0.7	U
95-50-1	1,2-Dichlorobenzene	0.7	< 0.7	U
541-73-1	1,3-Dichlorobenzene	0.7	< 0.7	U
106-46-7	1,4-Dichlorobenzene	0.7	< 0.7	U
107-02-8	Acrolein	35	< 35	U
74-88-4	Methyl Iodide	0.7	< 0.7	U
74-96-4	Bromoethane	1.4	< 1.4	U
107-13-1	Acrylonitrile	3.5	< 3.5	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-HA5-3.0**
 SAMPLE

Lab Sample ID: OU15B
LIMS ID: 09-8586
Matrix: Soil
Date Analyzed: 04/06/09 17:07

QC Report No: OU15-Landau Associates, Inc.
Project: SAURO'S
094048.010.011

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	0.7	< 0.7	U
74-95-3	Dibromomethane	0.7	< 0.7	U
630-20-6	1,1,1,2-Tetrachloroethane	0.7	< 0.7	U
96-12-8	1,2-Dibromo-3-chloropropane	3.5	< 3.5	U
96-18-4	1,2,3-Trichloropropane	1.4	< 1.4	U
110-57-6	trans-1,4-Dichloro-2-butene	3.5	< 3.5	U
108-67-8	1,3,5-Trimethylbenzene	0.7	< 0.7	U
95-63-6	1,2,4-Trimethylbenzene	0.7	< 0.7	U
87-68-3	Hexachlorobutadiene	3.5	< 3.5	U
106-93-4	Ethylene Dibromide	0.7	< 0.7	U
74-97-5	Bromochloromethane	0.7	< 0.7	U
594-20-7	2,2-Dichloropropane	0.7	< 0.7	U
142-28-9	1,3-Dichloropropane	0.7	< 0.7	U
98-82-8	Isopropylbenzene	0.7	< 0.7	U
103-65-1	n-Propylbenzene	0.7	< 0.7	U
108-86-1	Bromobenzene	0.7	< 0.7	U
95-49-8	2-Chlorotoluene	0.7	< 0.7	U
106-43-4	4-Chlorotoluene	0.7	< 0.7	U
98-06-6	tert-Butylbenzene	0.7	< 0.7	U
135-98-8	sec-Butylbenzene	0.7	< 0.7	U
99-87-6	4-Isopropyltoluene	0.7	< 0.7	U
104-51-8	n-Butylbenzene	0.7	< 0.7	U
120-82-1	1,2,4-Trichlorobenzene	3.5	< 3.5	U
91-20-3	Naphthalene	3.5	< 3.5	U
87-61-6	1,2,3-Trichlorobenzene	3.5	< 3.5	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	113%
d8-Toluene	96.0%
Bromofluorobenzene	87.1%
d4-1,2-Dichlorobenzene	100%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-HA5-3.0**
 REANALYSIS

Lab Sample ID: OU15B
LIMS ID: 09-8586
Matrix: Soil
Data Release Authorized:
Reported: 04/09/09

QC Report No: OU15-Landau Associates, Inc.
Project: SAURO'S
094048.010.011
Date Sampled: 04/03/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/07/09 12:38

Sample Amount: 97.0 mg-dry-wt
Purge Volume: 5.0 mL
Moisture: 16.6%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	52	< 52	U
74-83-9	Bromomethane	52	< 52	U
75-01-4	Vinyl Chloride	52	< 52	U
75-00-3	Chloroethane	52	< 52	U
75-09-2	**Methylene Chloride**	**100**	**120**	**B**
67-64-1	Acetone	260	< 260	U
75-15-0	Carbon Disulfide	52	< 52	U
75-35-4	1,1-Dichloroethene	52	< 52	U
75-34-3	1,1-Dichloroethane	52	< 52	U
156-60-5	trans-1,2-Dichloroethene	52	< 52	U
156-59-2	**cis-1,2-Dichloroethene**	**52**	**280**	
67-66-3	Chloroform	52	< 52	U
107-06-2	1,2-Dichloroethane	52	< 52	U
78-93-3	2-Butanone	260	< 260	U
71-55-6	1,1,1-Trichloroethane	52	< 52	U
56-23-5	Carbon Tetrachloride	52	< 52	U
108-05-4	Vinyl Acetate	260	< 260	U
75-27-4	Bromodichloromethane	52	< 52	U
78-87-5	1,2-Dichloropropane	52	< 52	U
10061-01-5	cis-1,3-Dichloropropene	52	< 52	U
79-01-6	**Trichloroethene**	**52**	**300**	
124-48-1	Dibromochloromethane	52	< 52	U
79-00-5	1,1,2-Trichloroethane	52	< 52	U
71-43-2	Benzene	52	< 52	U
10061-02-6	trans-1,3-Dichloropropene	52	< 52	U
110-75-8	2-Chloroethylvinylether	260	< 260	U
75-25-2	Bromoform	52	< 52	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	260	< 260	U
591-78-6	2-Hexanone	260	< 260	U
127-18-4	**Tetrachloroethene**	**52**	**2,200**	
79-34-5	1,1,2,2-Tetrachloroethane	52	< 52	U
108-88-3	Toluene	52	< 52	U
108-90-7	Chlorobenzene	52	< 52	U
100-41-4	Ethylbenzene	52	< 52	U
100-42-5	Styrene	52	< 52	U
75-69-4	Trichlorofluoromethane	52	< 52	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	100	< 100	U
179601-23-1	m,p-Xylene	52	< 52	U
95-47-6	o-Xylene	52	< 52	U
95-50-1	1,2-Dichlorobenzene	52	< 52	U
541-73-1	1,3-Dichlorobenzene	52	< 52	U
106-46-7	1,4-Dichlorobenzene	52	< 52	U
107-02-8	Acrolein	2,600	< 2,600	U
74-88-4	Methyl Iodide	52	< 52	U
74-96-4	Bromoethane	100	< 100	U
107-13-1	Acrylonitrile	260	< 260	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-HA5-3.0**
 REANALYSIS

Lab Sample ID: OU15B QC Report No: OU15-Landau Associates, Inc.
LIMS ID: 09-8586 Project: SAURO'S
Matrix: Soil 094048.010.011
Date Analyzed: 04/07/09 12:38

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	52	< 52	U
74-95-3	Dibromomethane	52	< 52	U
630-20-6	1,1,1,2-Tetrachloroethane	52	< 52	U
96-12-8	1,2-Dibromo-3-chloropropane	260	< 260	U
96-18-4	1,2,3-Trichloropropane	100	< 100	U
110-57-6	trans-1,4-Dichloro-2-butene	260	< 260	U
108-67-8	1,3,5-Trimethylbenzene	52	< 52	U
95-63-6	1,2,4-Trimethylbenzene	52	< 52	U
87-68-3	Hexachlorobutadiene	260	< 260	U
106-93-4	Ethylene Dibromide	52	< 52	U
74-97-5	Bromochloromethane	52	< 52	U
594-20-7	2,2-Dichloropropane	52	< 52	U
142-28-9	1,3-Dichloropropane	52	< 52	U
98-82-8	Isopropylbenzene	52	< 52	U
103-65-1	n-Propylbenzene	52	< 52	U
108-86-1	Bromobenzene	52	< 52	U
95-49-8	2-Chlorotoluene	52	< 52	U
106-43-4	4-Chlorotoluene	52	< 52	U
98-06-6	tert-Butylbenzene	52	< 52	U
135-98-8	sec-Butylbenzene	52	< 52	U
99-87-6	4-Isopropyltoluene	52	< 52	U
104-51-8	n-Butylbenzene	52	< 52	U
120-82-1	1,2,4-Trichlorobenzene	260	< 260	U
91-20-3	Naphthalene	260	< 260	U
87-61-6	1,2,3-Trichlorobenzene	260	< 260	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	96.6%
d8-Toluene	97.6%
Bromofluorobenzene	101%
d4-1,2-Dichlorobenzene	99.0%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-HA4-3.3**
 SAMPLE

Lab Sample ID: OU15C
LIMS ID: 09-8587
Matrix: Soil
Data Release Authorized:
Reported: 04/09/09

QC Report No: OU15-Landau Associates, Inc.
Project: SAURO'S
094048.010.011
Date Sampled: 04/03/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/06/09 17:35

Sample Amount: 1.50 g-dry-wt
Purge Volume: 5.0 mL
Moisture: 67.9%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	3.3	< 3.3	U
74-83-9	Bromomethane	3.3	< 3.3	U
75-01-4	Vinyl Chloride	3.3	< 3.3	U
75-00-3	Chloroethane	3.3	< 3.3	U
75-09-2	**Methylene Chloride**	**6.6**	**9.4**	**B**
67-64-1	**Acetone**	**17**	**170**	
75-15-0	Carbon Disulfide	3.3	< 3.3	U
75-35-4	1,1-Dichloroethene	3.3	< 3.3	U
75-34-3	1,1-Dichloroethane	3.3	< 3.3	U
156-60-5	trans-1,2-Dichloroethene	3.3	< 3.3	U
156-59-2	**cis-1,2-Dichloroethene**	**3.3**	**36**	
67-66-3	Chloroform	3.3	< 3.3	U
107-06-2	1,2-Dichloroethane	3.3	< 3.3	U
78-93-3	2-Butanone	17	< 17	U
71-55-6	1,1,1-Trichloroethane	3.3	< 3.3	U
56-23-5	Carbon Tetrachloride	3.3	< 3.3	U
108-05-4	Vinyl Acetate	17	< 17	U
75-27-4	Bromodichloromethane	3.3	< 3.3	U
78-87-5	1,2-Dichloropropane	3.3	< 3.3	U
10061-01-5	cis-1,3-Dichloropropene	3.3	< 3.3	U
79-01-6	**Trichloroethene**	**3.3**	**34**	
124-48-1	Dibromochloromethane	3.3	< 3.3	U
79-00-5	1,1,2-Trichloroethane	3.3	< 3.3	U
71-43-2	Benzene	3.3	< 3.3	U
10061-02-6	trans-1,3-Dichloropropene	3.3	< 3.3	U
110-75-8	2-Chloroethylvinylether	17	< 17	U
75-25-2	Bromoform	3.3	< 3.3	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	17	< 17	U
591-78-6	2-Hexanone	17	< 17	U
127-18-4	**Tetrachloroethene**	**3.3**	**340**	
79-34-5	1,1,2,2-Tetrachloroethane	3.3	< 3.3	U
108-88-3	Toluene	3.3	< 3.3	U
108-90-7	Chlorobenzene	3.3	< 3.3	U
100-41-4	Ethylbenzene	3.3	< 3.3	U
100-42-5	Styrene	3.3	< 3.3	U
75-69-4	Trichlorofluoromethane	3.3	< 3.3	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	6.6	< 6.6	U
179601-23-1	m,p-Xylene	3.3	< 3.3	U
95-47-6	o-Xylene	3.3	< 3.3	U
95-50-1	1,2-Dichlorobenzene	3.3	< 3.3	U
541-73-1	1,3-Dichlorobenzene	3.3	< 3.3	U
106-46-7	1,4-Dichlorobenzene	3.3	< 3.3	U
107-02-8	Acrolein	170	< 170	U
74-88-4	Methyl Iodide	3.3	< 3.3	U
74-96-4	Bromoethane	6.6	< 6.6	U
107-13-1	Acrylonitrile	17	< 17	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-HA4-3.3**
 SAMPLE

Lab Sample ID: OU15C
LIMS ID: 09-8587
Matrix: Soil
Date Analyzed: 04/06/09 17:35

QC Report No: OU15-Landau Associates, Inc.
Project: SAURO'S
094048.010.011

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	3.3	< 3.3	U
74-95-3	Dibromomethane	3.3	< 3.3	U
630-20-6	1,1,1,2-Tetrachloroethane	3.3	< 3.3	U
96-12-8	1,2-Dibromo-3-chloropropane	17	< 17	U
96-18-4	1,2,3-Trichloropropane	6.6	< 6.6	U
110-57-6	trans-1,4-Dichloro-2-butene	17	< 17	U
108-67-8	1,3,5-Trimethylbenzene	3.3	< 3.3	U
95-63-6	1,2,4-Trimethylbenzene	3.3	< 3.3	U
87-68-3	Hexachlorobutadiene	17	< 17	U
106-93-4	Ethylene Dibromide	3.3	< 3.3	U
74-97-5	Bromochloromethane	3.3	< 3.3	U
594-20-7	2,2-Dichloropropane	3.3	< 3.3	U
142-28-9	1,3-Dichloropropane	3.3	< 3.3	U
98-82-8	Isopropylbenzene	3.3	< 3.3	U
103-65-1	n-Propylbenzene	3.3	< 3.3	U
108-86-1	Bromobenzene	3.3	< 3.3	U
95-49-8	2-Chlorotoluene	3.3	< 3.3	U
106-43-4	4-Chlorotoluene	3.3	< 3.3	U
98-06-6	tert-Butylbenzene	3.3	< 3.3	U
135-98-8	sec-Butylbenzene	3.3	< 3.3	U
99-87-6	4-Isopropyltoluene	3.3	< 3.3	U
104-51-8	n-Butylbenzene	3.3	< 3.3	U
120-82-1	1,2,4-Trichlorobenzene	17	< 17	U
91-20-3	Naphthalene	17	< 17	U
87-61-6	1,2,3-Trichlorobenzene	17	< 17	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	111%
d8-Toluene	99.1%
Bromofluorobenzene	106%
d4-1,2-Dichlorobenzene	104%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-HA3-3.5**
 SAMPLE

Lab Sample ID: OU15D
LIMS ID: 09-8588
Matrix: Soil
Data Release Authorized:
Reported: 04/09/09

QC Report No: OU15-Landau Associates, Inc.
Project: SAURO'S
094048.010.011
Date Sampled: 04/03/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/06/09 18:03

Sample Amount: 6.59 g-dry-wt
Purge Volume: 5.0 mL
Moisture: 13.9%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.8	< 0.8	U
74-83-9	Bromomethane	0.8	< 0.8	U
75-01-4	Vinyl Chloride	0.8	< 0.8	U
75-00-3	Chloroethane	0.8	< 0.8	U
75-09-2	**Methylene Chloride**	**1.5**	**3.0**	**B**
67-64-1	**Acetone**	**3.8**	**82**	
75-15-0	Carbon Disulfide	0.8	< 0.8	U
75-35-4	1,1-Dichloroethene	0.8	< 0.8	U
75-34-3	1,1-Dichloroethane	0.8	< 0.8	U
156-60-5	trans-1,2-Dichloroethene	0.8	< 0.8	U
156-59-2	**cis-1,2-Dichloroethene**	**0.8**	**7.6**	
67-66-3	Chloroform	0.8	< 0.8	U
107-06-2	1,2-Dichloroethane	0.8	< 0.8	U
78-93-3	2-Butanone	3.8	< 3.8	U
71-55-6	1,1,1-Trichloroethane	0.8	< 0.8	U
56-23-5	Carbon Tetrachloride	0.8	< 0.8	U
108-05-4	Vinyl Acetate	3.8	< 3.8	U
75-27-4	Bromodichloromethane	0.8	< 0.8	U
78-87-5	1,2-Dichloropropane	0.8	< 0.8	U
10061-01-5	cis-1,3-Dichloropropene	0.8	< 0.8	U
79-01-6	**Trichloroethene**	**0.8**	**15**	
124-48-1	Dibromochloromethane	0.8	< 0.8	U
79-00-5	1,1,2-Trichloroethane	0.8	< 0.8	U
71-43-2	Benzene	0.8	< 0.8	U
10061-02-6	trans-1,3-Dichloropropene	0.8	< 0.8	U
110-75-8	2-Chloroethylvinylether	3.8	< 3.8	U
75-25-2	Bromoform	0.8	< 0.8	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	3.8	< 3.8	U
591-78-6	**2-Hexanone**	**3.8**	**110**	**M**
127-18-4	**Tetrachloroethene**	**0.8**	**150**	**E**
79-34-5	1,1,2,2-Tetrachloroethane	0.8	< 0.8	U
108-88-3	**Toluene**	**0.8**	**12**	
108-90-7	Chlorobenzene	0.8	< 0.8	U
100-41-4	Ethylbenzene	0.8	< 0.8	U
100-42-5	Styrene	0.8	< 0.8	U
75-69-4	Trichlorofluoromethane	0.8	< 0.8	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	1.5	< 1.5	U
179601-23-1	m,p-Xylene	0.8	< 0.8	U
95-47-6	o-Xylene	0.8	< 0.8	U
95-50-1	1,2-Dichlorobenzene	0.8	< 0.8	U
541-73-1	1,3-Dichlorobenzene	0.8	< 0.8	U
106-46-7	1,4-Dichlorobenzene	0.8	< 0.8	U
107-02-8	Acrolein	38	< 38	U
74-88-4	Methyl Iodide	0.8	< 0.8	U
74-96-4	Bromoethane	1.5	< 1.5	U
107-13-1	Acrylonitrile	3.8	< 3.8	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-HA3-3.5**
 SAMPLE

Lab Sample ID: OU15D
LIMS ID: 09-8588
Matrix: Soil
Date Analyzed: 04/06/09 18:03

QC Report No: OU15-Landau Associates, Inc.
Project: SAURO'S
094048.010.011

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	0.8	< 0.8	U
74-95-3	Dibromomethane	0.8	< 0.8	U
630-20-6	1,1,1,2-Tetrachloroethane	0.8	< 0.8	U
96-12-8	1,2-Dibromo-3-chloropropane	3.8	< 3.8	U
96-18-4	1,2,3-Trichloropropane	1.5	< 1.5	U
110-57-6	trans-1,4-Dichloro-2-butene	3.8	< 3.8	U
108-67-8	1,3,5-Trimethylbenzene	0.8	< 0.8	U
95-63-6	1,2,4-Trimethylbenzene	0.8	< 0.8	U
87-68-3	Hexachlorobutadiene	3.8	< 3.8	U
106-93-4	Ethylene Dibromide	0.8	< 0.8	U
74-97-5	Bromochloromethane	0.8	< 0.8	U
594-20-7	2,2-Dichloropropane	0.8	< 0.8	U
142-28-9	1,3-Dichloropropane	0.8	< 0.8	U
98-82-8	Isopropylbenzene	0.8	< 0.8	U
103-65-1	n-Propylbenzene	0.8	< 0.8	U
108-86-1	Bromobenzene	0.8	< 0.8	U
95-49-8	2-Chlorotoluene	0.8	< 0.8	U
106-43-4	4-Chlorotoluene	0.8	< 0.8	U
98-06-6	tert-Butylbenzene	0.8	< 0.8	U
135-98-8	sec-Butylbenzene	0.8	< 0.8	U
99-87-6	**4-Isopropyltoluene**	**0.8**	**2.0**	
104-51-8	n-Butylbenzene	0.8	< 0.8	U
120-82-1	1,2,4-Trichlorobenzene	3.8	< 3.8	U
91-20-3	Naphthalene	3.8	< 3.8	U
87-61-6	1,2,3-Trichlorobenzene	3.8	< 3.8	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	106%
d8-Toluene	96.8%
Bromofluorobenzene	99.4%
d4-1,2-Dichlorobenzene	100%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-HA3-3.5**
Page 1 of 2 **REANALYSIS**

Lab Sample ID: OU15D
LIMS ID: 09-8588
Matrix: Soil
Data Release Authorized:
Reported: 04/09/09

QC Report No: OU15-Landau Associates, Inc.
Project: SAURO'S
094048.010.011
Date Sampled: 04/03/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/07/09 13:06

Sample Amount: 124 mg-dry-wt
Purge Volume: 5.0 mL
Moisture: 13.9%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	40	< 40	U
74-83-9	Bromomethane	40	< 40	U
75-01-4	Vinyl Chloride	40	< 40	U
75-00-3	Chloroethane	40	< 40	U
75-09-2	**Methylene Chloride**	**81**	**140**	**B**
67-64-1	Acetone	200	< 200	U
75-15-0	Carbon Disulfide	40	< 40	U
75-35-4	1,1-Dichloroethene	40	< 40	U
75-34-3	1,1-Dichloroethane	40	< 40	U
156-60-5	trans-1,2-Dichloroethene	40	< 40	U
156-59-2	cis-1,2-Dichloroethene	40	< 40	U
67-66-3	Chloroform	40	< 40	U
107-06-2	1,2-Dichloroethane	40	< 40	U
78-93-3	2-Butanone	200	< 200	U
71-55-6	1,1,1-Trichloroethane	40	< 40	U
56-23-5	Carbon Tetrachloride	40	< 40	U
108-05-4	Vinyl Acetate	200	< 200	U
75-27-4	Bromodichloromethane	40	< 40	U
78-87-5	1,2-Dichloropropane	40	< 40	U
10061-01-5	cis-1,3-Dichloropropene	40	< 40	U
79-01-6	**Trichloroethene**	**40**	**51**	
124-48-1	Dibromochloromethane	40	< 40	U
79-00-5	1,1,2-Trichloroethane	40	< 40	U
71-43-2	Benzene	40	< 40	U
10061-02-6	trans-1,3-Dichloropropene	40	< 40	U
110-75-8	2-Chloroethylvinylether	200	< 200	U
75-25-2	Bromoform	40	< 40	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	200	< 200	U
591-78-6	2-Hexanone	200	< 200	U
127-18-4	**Tetrachloroethene**	**40**	**500**	
79-34-5	1,1,2,2-Tetrachloroethane	40	< 40	U
108-88-3	Toluene	40	< 40	U
108-90-7	Chlorobenzene	40	< 40	U
100-41-4	Ethylbenzene	40	< 40	U
100-42-5	Styrene	40	< 40	U
75-69-4	Trichlorofluoromethane	40	< 40	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	81	< 81	U
179601-23-1	m,p-Xylene	40	< 40	U
95-47-6	o-Xylene	40	< 40	U
95-50-1	1,2-Dichlorobenzene	40	< 40	U
541-73-1	1,3-Dichlorobenzene	40	< 40	U
106-46-7	1,4-Dichlorobenzene	40	< 40	U
107-02-8	Acrolein	2,000	< 2,000	U
74-88-4	Methyl Iodide	40	< 40	U
74-96-4	Bromoethane	81	< 81	U
107-13-1	Acrylonitrile	200	< 200	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-HA3-3.5**
 REANALYSIS

Lab Sample ID: OU15D QC Report No: OU15-Landau Associates, Inc.
LIMS ID: 09-8588 Project: SAURO'S
Matrix: Soil 094048.010.011
Date Analyzed: 04/07/09 13:06

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	40	< 40	U
74-95-3	Dibromomethane	40	< 40	U
630-20-6	1,1,1,2-Tetrachloroethane	40	< 40	U
96-12-8	1,2-Dibromo-3-chloropropane	200	< 200	U
96-18-4	1,2,3-Trichloropropane	81	< 81	U
110-57-6	trans-1,4-Dichloro-2-butene	200	< 200	U
108-67-8	1,3,5-Trimethylbenzene	40	< 40	U
95-63-6	1,2,4-Trimethylbenzene	40	< 40	U
87-68-3	Hexachlorobutadiene	200	< 200	U
106-93-4	Ethylene Dibromide	40	< 40	U
74-97-5	Bromochloromethane	40	< 40	U
594-20-7	2,2-Dichloropropane	40	< 40	U
142-28-9	1,3-Dichloropropane	40	< 40	U
98-82-8	Isopropylbenzene	40	< 40	U
103-65-1	n-Propylbenzene	40	< 40	U
108-86-1	Bromobenzene	40	< 40	U
95-49-8	2-Chlorotoluene	40	< 40	U
106-43-4	4-Chlorotoluene	40	< 40	U
98-06-6	tert-Butylbenzene	40	< 40	U
135-98-8	sec-Butylbenzene	40	< 40	U
99-87-6	4-Isopropyltoluene	40	< 40	U
104-51-8	n-Butylbenzene	40	< 40	U
120-82-1	1,2,4-Trichlorobenzene	200	< 200	U
91-20-3	Naphthalene	200	< 200	U
87-61-6	1,2,3-Trichlorobenzene	200	< 200	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	82.9%
d8-Toluene	96.6%
Bromofluorobenzene	98.8%
d4-1,2-Dichlorobenzene	96.9%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-HA7-4.0**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OU15E
LIMS ID: 09-8589
Matrix: Soil
Data Release Authorized:
Reported: 04/09/09

QC Report No: OU15-Landau Associates, Inc.
Project: SAURO'S
094048.010.011
Date Sampled: 04/03/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/06/09 18:31

Sample Amount: 6.02 g-dry-wt
Purge Volume: 5.0 mL
Moisture: 16.3%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.8	< 0.8	U
74-83-9	Bromomethane	0.8	< 0.8	U
75-01-4	Vinyl Chloride	0.8	< 0.8	U
75-00-3	Chloroethane	0.8	< 0.8	U
75-09-2	**Methylene Chloride**	**1.7**	**2.7**	**B**
67-64-1	**Acetone**	**4.2**	**23**	
75-15-0	Carbon Disulfide	0.8	< 0.8	U
75-35-4	1,1-Dichloroethene	0.8	< 0.8	U
75-34-3	1,1-Dichloroethane	0.8	< 0.8	U
156-60-5	trans-1,2-Dichloroethene	0.8	< 0.8	U
156-59-2	cis-1,2-Dichloroethene	0.8	< 0.8	U
67-66-3	Chloroform	0.8	< 0.8	U
107-06-2	1,2-Dichloroethane	0.8	< 0.8	U
78-93-3	2-Butanone	4.2	< 4.2	U
71-55-6	1,1,1-Trichloroethane	0.8	< 0.8	U
56-23-5	Carbon Tetrachloride	0.8	< 0.8	U
108-05-4	Vinyl Acetate	4.2	< 4.2	U
75-27-4	Bromodichloromethane	0.8	< 0.8	U
78-87-5	1,2-Dichloropropane	0.8	< 0.8	U
10061-01-5	cis-1,3-Dichloropropene	0.8	< 0.8	U
79-01-6	Trichloroethene	0.8	< 0.8	U
124-48-1	Dibromochloromethane	0.8	< 0.8	U
79-00-5	1,1,2-Trichloroethane	0.8	< 0.8	U
71-43-2	Benzene	0.8	< 0.8	U
10061-02-6	trans-1,3-Dichloropropene	0.8	< 0.8	U
110-75-8	2-Chloroethylvinylether	4.2	< 4.2	U
75-25-2	Bromoform	0.8	< 0.8	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	4.2	< 4.2	U
591-78-6	2-Hexanone	4.2	< 4.2	U
127-18-4	**Tetrachloroethene**	**0.8**	**1.9**	
79-34-5	1,1,2,2-Tetrachloroethane	0.8	< 0.8	U
108-88-3	Toluene	0.8	< 0.8	U
108-90-7	Chlorobenzene	0.8	< 0.8	U
100-41-4	Ethylbenzene	0.8	< 0.8	U
100-42-5	Styrene	0.8	< 0.8	U
75-69-4	Trichlorofluoromethane	0.8	< 0.8	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	1.7	< 1.7	U
179601-23-1	m,p-Xylene	0.8	< 0.8	U
95-47-6	o-Xylene	0.8	< 0.8	U
95-50-1	1,2-Dichlorobenzene	0.8	< 0.8	U
541-73-1	1,3-Dichlorobenzene	0.8	< 0.8	U
106-46-7	1,4-Dichlorobenzene	0.8	< 0.8	U
107-02-8	Acrolein	42	< 42	U
74-88-4	Methyl Iodide	0.8	< 0.8	U
74-96-4	Bromoethane	1.7	< 1.7	U
107-13-1	Acrylonitrile	4.2	< 4.2	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-HA7-4.0**
 SAMPLE

Lab Sample ID: OU15E
LIMS ID: 09-8589
Matrix: Soil
Date Analyzed: 04/06/09 18:31

QC Report No: OU15-Landau Associates, Inc.
Project: SAURO'S
094048.010.011

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	0.8	< 0.8	U
74-95-3	Dibromomethane	0.8	< 0.8	U
630-20-6	1,1,1,2-Tetrachloroethane	0.8	< 0.8	U
96-12-8	1,2-Dibromo-3-chloropropane	4.2	< 4.2	U
96-18-4	1,2,3-Trichloropropane	1.7	< 1.7	U
110-57-6	trans-1,4-Dichloro-2-butene	4.2	< 4.2	U
108-67-8	1,3,5-Trimethylbenzene	0.8	< 0.8	U
95-63-6	1,2,4-Trimethylbenzene	0.8	< 0.8	U
87-68-3	Hexachlorobutadiene	4.2	< 4.2	U
106-93-4	Ethylene Dibromide	0.8	< 0.8	U
74-97-5	Bromochloromethane	0.8	< 0.8	U
594-20-7	2,2-Dichloropropane	0.8	< 0.8	U
142-28-9	1,3-Dichloropropane	0.8	< 0.8	U
98-82-8	Isopropylbenzene	0.8	< 0.8	U
103-65-1	n-Propylbenzene	0.8	< 0.8	U
108-86-1	Bromobenzene	0.8	< 0.8	U
95-49-8	2-Chlorotoluene	0.8	< 0.8	U
106-43-4	4-Chlorotoluene	0.8	< 0.8	U
98-06-6	tert-Butylbenzene	0.8	< 0.8	U
135-98-8	sec-Butylbenzene	0.8	< 0.8	U
99-87-6	4-Isopropyltoluene	0.8	< 0.8	U
104-51-8	n-Butylbenzene	0.8	< 0.8	U
120-82-1	1,2,4-Trichlorobenzene	4.2	< 4.2	U
91-20-3	Naphthalene	4.2	< 4.2	U
87-61-6	1,2,3-Trichlorobenzene	4.2	< 4.2	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	112%
d8-Toluene	98.4%
Bromofluorobenzene	103%
d4-1,2-Dichlorobenzene	102%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-HA1-3.5**
 SAMPLE

Lab Sample ID: OU15F
LIMS ID: 09-8590
Matrix: Soil
Data Release Authorized:
Reported: 04/09/09

QC Report No: OU15-Landau Associates, Inc.
Project: SAURO'S
094048.010.011
Date Sampled: 04/03/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/06/09 19:00

Sample Amount: 6.72 g-dry-wt
Purge Volume: 5.0 mL
Moisture: 15.6%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.7	< 0.7	U
74-83-9	Bromomethane	0.7	< 0.7	U
75-01-4	Vinyl Chloride	0.7	< 0.7	U
75-00-3	Chloroethane	0.7	< 0.7	U
75-09-2	**Methylene Chloride**	**1.5**	**2.2**	**B**
67-64-1	**Acetone**	**3.7**	**24**	
75-15-0	Carbon Disulfide	0.7	< 0.7	U
75-35-4	1,1-Dichloroethene	0.7	< 0.7	U
75-34-3	1,1-Dichloroethane	0.7	< 0.7	U
156-60-5	trans-1,2-Dichloroethene	0.7	< 0.7	U
156-59-2	cis-1,2-Dichloroethene	0.7	< 0.7	U
67-66-3	Chloroform	0.7	< 0.7	U
107-06-2	1,2-Dichloroethane	0.7	< 0.7	U
78-93-3	2-Butanone	3.7	< 3.7	U
71-55-6	1,1,1-Trichloroethane	0.7	< 0.7	U
56-23-5	Carbon Tetrachloride	0.7	< 0.7	U
108-05-4	Vinyl Acetate	3.7	< 3.7	U
75-27-4	Bromodichloromethane	0.7	< 0.7	U
78-87-5	1,2-Dichloropropane	0.7	< 0.7	U
10061-01-5	cis-1,3-Dichloropropene	0.7	< 0.7	U
79-01-6	Trichloroethene	0.7	< 0.7	U
124-48-1	Dibromochloromethane	0.7	< 0.7	U
79-00-5	1,1,2-Trichloroethane	0.7	< 0.7	U
71-43-2	Benzene	0.7	< 0.7	U
10061-02-6	trans-1,3-Dichloropropene	0.7	< 0.7	U
110-75-8	2-Chloroethylvinylether	3.7	< 3.7	U
75-25-2	Bromoform	0.7	< 0.7	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	3.7	< 3.7	U
591-78-6	2-Hexanone	3.7	< 3.7	U
127-18-4	**Tetrachloroethene**	**0.7**	**0.8**	
79-34-5	1,1,2,2-Tetrachloroethane	0.7	< 0.7	U
108-88-3	Toluene	0.7	< 0.7	U
108-90-7	Chlorobenzene	0.7	< 0.7	U
100-41-4	Ethylbenzene	0.7	< 0.7	U
100-42-5	Styrene	0.7	< 0.7	U
75-69-4	Trichlorofluoromethane	0.7	< 0.7	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	1.5	< 1.5	U
179601-23-1	m,p-Xylene	0.7	< 0.7	U
95-47-6	o-Xylene	0.7	< 0.7	U
95-50-1	1,2-Dichlorobenzene	0.7	< 0.7	U
541-73-1	1,3-Dichlorobenzene	0.7	< 0.7	U
106-46-7	1,4-Dichlorobenzene	0.7	< 0.7	U
107-02-8	Acrolein	37	< 37	U
74-88-4	Methyl Iodide	0.7	< 0.7	U
74-96-4	Bromoethane	1.5	< 1.5	U
107-13-1	Acrylonitrile	3.7	< 3.7	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-HA1-3.5**
 SAMPLE

Lab Sample ID: OU15F QC Report No: OU15-Landau Associates, Inc.
LIMS ID: 09-8590 Project: SAURO'S
Matrix: Soil 094048.010.011
Date Analyzed: 04/06/09 19:00

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	0.7	< 0.7	U
74-95-3	Dibromomethane	0.7	< 0.7	U
630-20-6	1,1,1,2-Tetrachloroethane	0.7	< 0.7	U
96-12-8	1,2-Dibromo-3-chloropropane	3.7	< 3.7	U
96-18-4	1,2,3-Trichloropropane	1.5	< 1.5	U
110-57-6	trans-1,4-Dichloro-2-butene	3.7	< 3.7	U
108-67-8	1,3,5-Trimethylbenzene	0.7	< 0.7	U
95-63-6	1,2,4-Trimethylbenzene	0.7	< 0.7	U
87-68-3	Hexachlorobutadiene	3.7	< 3.7	U
106-93-4	Ethylene Dibromide	0.7	< 0.7	U
74-97-5	Bromochloromethane	0.7	< 0.7	U
594-20-7	2,2-Dichloropropane	0.7	< 0.7	U
142-28-9	1,3-Dichloropropane	0.7	< 0.7	U
98-82-8	Isopropylbenzene	0.7	< 0.7	U
103-65-1	n-Propylbenzene	0.7	< 0.7	U
108-86-1	Bromobenzene	0.7	< 0.7	U
95-49-8	2-Chlorotoluene	0.7	< 0.7	U
106-43-4	4-Chlorotoluene	0.7	< 0.7	U
98-06-6	tert-Butylbenzene	0.7	< 0.7	U
135-98-8	sec-Butylbenzene	0.7	< 0.7	U
99-87-6	4-Isopropyltoluene	0.7	< 0.7	U
104-51-8	n-Butylbenzene	0.7	< 0.7	U
120-82-1	1,2,4-Trichlorobenzene	3.7	< 3.7	U
91-20-3	Naphthalene	3.7	< 3.7	U
87-61-6	1,2,3-Trichlorobenzene	3.7	< 3.7	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	112%
d8-Toluene	96.4%
Bromofluorobenzene	94.0%
d4-1,2-Dichlorobenzene	99.0%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P4-3.0**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OU15G
LIMS ID: 09-8591
Matrix: Soil
Data Release Authorized:
Reported: 04/09/09

QC Report No: OU15-Landau Associates, Inc.
Project: SAURO'S
094048.010.011
Date Sampled: 04/03/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/06/09 19:28

Sample Amount: 8.35 g-dry-wt
Purge Volume: 5.0 mL
Moisture: 5.6%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.6	< 0.6	U
74-83-9	Bromomethane	0.6	< 0.6	U
75-01-4	Vinyl Chloride	0.6	< 0.6	U
75-00-3	Chloroethane	0.6	< 0.6	U
75-09-2	**Methylene Chloride**	**1.2**	**1.8**	**B**
67-64-1	**Acetone**	**3.0**	**12**	
75-15-0	Carbon Disulfide	0.6	< 0.6	U
75-35-4	1,1-Dichloroethene	0.6	< 0.6	U
75-34-3	1,1-Dichloroethane	0.6	< 0.6	U
156-60-5	trans-1,2-Dichloroethene	0.6	< 0.6	U
156-59-2	cis-1,2-Dichloroethene	0.6	< 0.6	U
67-66-3	Chloroform	0.6	< 0.6	U
107-06-2	1,2-Dichloroethane	0.6	< 0.6	U
78-93-3	2-Butanone	3.0	< 3.0	U
71-55-6	1,1,1-Trichloroethane	0.6	< 0.6	U
56-23-5	Carbon Tetrachloride	0.6	< 0.6	U
108-05-4	Vinyl Acetate	3.0	< 3.0	U
75-27-4	Bromodichloromethane	0.6	< 0.6	U
78-87-5	1,2-Dichloropropane	0.6	< 0.6	U
10061-01-5	cis-1,3-Dichloropropene	0.6	< 0.6	U
79-01-6	**Trichloroethene**	**0.6**	**0.7**	
124-48-1	Dibromochloromethane	0.6	< 0.6	U
79-00-5	1,1,2-Trichloroethane	0.6	< 0.6	U
71-43-2	Benzene	0.6	< 0.6	U
10061-02-6	trans-1,3-Dichloropropene	0.6	< 0.6	U
110-75-8	2-Chloroethylvinylether	3.0	< 3.0	U
75-25-2	Bromoform	0.6	< 0.6	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	3.0	< 3.0	U
591-78-6	2-Hexanone	3.0	< 3.0	U
127-18-4	**Tetrachloroethene**	**0.6**	**32**	
79-34-5	1,1,2,2-Tetrachloroethane	0.6	< 0.6	U
108-88-3	Toluene	0.6	< 0.6	U
108-90-7	Chlorobenzene	0.6	< 0.6	U
100-41-4	Ethylbenzene	0.6	< 0.6	U
100-42-5	Styrene	0.6	< 0.6	U
75-69-4	Trichlorofluoromethane	0.6	< 0.6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	1.2	< 1.2	U
179601-23-1	m,p-Xylene	0.6	< 0.6	U
95-47-6	o-Xylene	0.6	< 0.6	U
95-50-1	1,2-Dichlorobenzene	0.6	< 0.6	U
541-73-1	1,3-Dichlorobenzene	0.6	< 0.6	U
106-46-7	1,4-Dichlorobenzene	0.6	< 0.6	U
107-02-8	Acrolein	30	< 30	U
74-88-4	Methyl Iodide	0.6	< 0.6	U
74-96-4	Bromoethane	1.2	< 1.2	U
107-13-1	Acrylonitrile	3.0	< 3.0	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P4-3.0**
 SAMPLE

Lab Sample ID: OU15G
LIMS ID: 09-8591
Matrix: Soil
Date Analyzed: 04/06/09 19:28

QC Report No: OU15-Landau Associates, Inc.
Project: SAURO'S
094048.010.011

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	0.6	< 0.6	U
74-95-3	Dibromomethane	0.6	< 0.6	U
630-20-6	1,1,1,2-Tetrachloroethane	0.6	< 0.6	U
96-12-8	1,2-Dibromo-3-chloropropane	3.0	< 3.0	U
96-18-4	1,2,3-Trichloropropane	1.2	< 1.2	U
110-57-6	trans-1,4-Dichloro-2-butene	3.0	< 3.0	U
108-67-8	1,3,5-Trimethylbenzene	0.6	< 0.6	U
95-63-6	1,2,4-Trimethylbenzene	0.6	< 0.6	U
87-68-3	Hexachlorobutadiene	3.0	< 3.0	U
106-93-4	Ethylene Dibromide	0.6	< 0.6	U
74-97-5	Bromochloromethane	0.6	< 0.6	U
594-20-7	2,2-Dichloropropane	0.6	< 0.6	U
142-28-9	1,3-Dichloropropane	0.6	< 0.6	U
98-82-8	Isopropylbenzene	0.6	< 0.6	U
103-65-1	n-Propylbenzene	0.6	< 0.6	U
108-86-1	Bromobenzene	0.6	< 0.6	U
95-49-8	2-Chlorotoluene	0.6	< 0.6	U
106-43-4	4-Chlorotoluene	0.6	< 0.6	U
98-06-6	tert-Butylbenzene	0.6	< 0.6	U
135-98-8	sec-Butylbenzene	0.6	< 0.6	U
99-87-6	4-Isopropyltoluene	0.6	< 0.6	U
104-51-8	n-Butylbenzene	0.6	< 0.6	U
120-82-1	1,2,4-Trichlorobenzene	3.0	< 3.0	U
91-20-3	Naphthalene	3.0	< 3.0	U
87-61-6	1,2,3-Trichlorobenzene	3.0	< 3.0	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	114%
d8-Toluene	98.9%
Bromofluorobenzene	106%
d4-1,2-Dichlorobenzene	103%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P4-8.0**
 SAMPLE

Lab Sample ID: OU15H
LIMS ID: 09-8592
Matrix: Soil
Data Release Authorized:
Reported: 04/09/09

QC Report No: OU15-Landau Associates, Inc.
Project: SAURO'S
094048.010.011
Date Sampled: 04/03/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/06/09 19:56

Sample Amount: 7.44 g-dry-wt
Purge Volume: 5.0 mL
Moisture: 16.9%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.7	< 0.7	U
74-83-9	Bromomethane	0.7	< 0.7	U
75-01-4	Vinyl Chloride	0.7	< 0.7	U
75-00-3	Chloroethane	0.7	< 0.7	U
75-09-2	**Methylene Chloride**	**1.3**	**2.7**	**B**
67-64-1	**Acetone**	**3.4**	**44**	
75-15-0	Carbon Disulfide	0.7	< 0.7	U
75-35-4	1,1-Dichloroethene	0.7	< 0.7	U
75-34-3	1,1-Dichloroethane	0.7	< 0.7	U
156-60-5	trans-1,2-Dichloroethene	0.7	< 0.7	U
156-59-2	**cis-1,2-Dichloroethene**	**0.7**	**9.7**	
67-66-3	Chloroform	0.7	< 0.7	U
107-06-2	1,2-Dichloroethane	0.7	< 0.7	U
78-93-3	2-Butanone	3.4	< 3.4	U
71-55-6	1,1,1-Trichloroethane	0.7	< 0.7	U
56-23-5	Carbon Tetrachloride	0.7	< 0.7	U
108-05-4	Vinyl Acetate	3.4	< 3.4	U
75-27-4	Bromodichloromethane	0.7	< 0.7	U
78-87-5	1,2-Dichloropropane	0.7	< 0.7	U
10061-01-5	cis-1,3-Dichloropropene	0.7	< 0.7	U
79-01-6	**Trichloroethene**	**0.7**	**12**	
124-48-1	Dibromochloromethane	0.7	< 0.7	U
79-00-5	1,1,2-Trichloroethane	0.7	< 0.7	U
71-43-2	Benzene	0.7	< 0.7	U
10061-02-6	trans-1,3-Dichloropropene	0.7	< 0.7	U
110-75-8	2-Chloroethylvinylether	3.4	< 3.4	U
75-25-2	Bromoform	0.7	< 0.7	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	3.4	< 3.4	U
591-78-6	2-Hexanone	3.4	< 3.4	U
127-18-4	**Tetrachloroethene**	**0.7**	**370**	**E**
79-34-5	1,1,2,2-Tetrachloroethane	0.7	< 0.7	U
108-88-3	Toluene	0.7	< 0.7	U
108-90-7	Chlorobenzene	0.7	< 0.7	U
100-41-4	Ethylbenzene	0.7	< 0.7	U
100-42-5	Styrene	0.7	< 0.7	U
75-69-4	Trichlorofluoromethane	0.7	< 0.7	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	1.3	< 1.3	U
179601-23-1	m,p-Xylene	0.7	< 0.7	U
95-47-6	o-Xylene	0.7	< 0.7	U
95-50-1	1,2-Dichlorobenzene	0.7	< 0.7	U
541-73-1	1,3-Dichlorobenzene	0.7	< 0.7	U
106-46-7	1,4-Dichlorobenzene	0.7	< 0.7	U
107-02-8	Acrolein	34	< 34	U
74-88-4	Methyl Iodide	0.7	< 0.7	U
74-96-4	Bromoethane	1.3	< 1.3	U
107-13-1	Acrylonitrile	3.4	< 3.4	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P4-8.0**
 SAMPLE

Lab Sample ID: OU15H QC Report No: OU15-Landau Associates, Inc.
LIMS ID: 09-8592 Project: SAURO'S
Matrix: Soil 094048.010.011
Date Analyzed: 04/06/09 19:56

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	0.7	< 0.7	U
74-95-3	Dibromomethane	0.7	< 0.7	U
630-20-6	1,1,1,2-Tetrachloroethane	0.7	< 0.7	U
96-12-8	1,2-Dibromo-3-chloropropane	3.4	< 3.4	U
96-18-4	1,2,3-Trichloropropane	1.3	< 1.3	U
110-57-6	trans-1,4-Dichloro-2-butene	3.4	< 3.4	U
108-67-8	1,3,5-Trimethylbenzene	0.7	< 0.7	U
95-63-6	1,2,4-Trimethylbenzene	0.7	< 0.7	U
87-68-3	Hexachlorobutadiene	3.4	< 3.4	U
106-93-4	Ethylene Dibromide	0.7	< 0.7	U
74-97-5	Bromochloromethane	0.7	< 0.7	U
594-20-7	2,2-Dichloropropane	0.7	< 0.7	U
142-28-9	1,3-Dichloropropane	0.7	< 0.7	U
98-82-8	Isopropylbenzene	0.7	< 0.7	U
103-65-1	n-Propylbenzene	0.7	< 0.7	U
108-86-1	Bromobenzene	0.7	< 0.7	U
95-49-8	2-Chlorotoluene	0.7	< 0.7	U
106-43-4	4-Chlorotoluene	0.7	< 0.7	U
98-06-6	tert-Butylbenzene	0.7	< 0.7	U
135-98-8	sec-Butylbenzene	0.7	< 0.7	U
99-87-6	4-Isopropyltoluene	0.7	< 0.7	U
104-51-8	n-Butylbenzene	0.7	< 0.7	U
120-82-1	1,2,4-Trichlorobenzene	3.4	< 3.4	U
91-20-3	Naphthalene	3.4	< 3.4	U
87-61-6	1,2,3-Trichlorobenzene	3.4	< 3.4	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	111%
d8-Toluene	98.5%
Bromofluorobenzene	101%
d4-1,2-Dichlorobenzene	101%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P4-8.0**
 REANALYSIS

Lab Sample ID: OU15H
LIMS ID: 09-8592
Matrix: Soil
Data Release Authorized:
Reported: 04/09/09

QC Report No: OU15-Landau Associates, Inc.
Project: SAURO'S
094048.010.011
Date Sampled: 04/03/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/07/09 13:34

Sample Amount: 97.2 mg-dry-wt
Purge Volume: 5.0 mL
Moisture: 16.9%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	51	< 51	U
74-83-9	Bromomethane	51	< 51	U
75-01-4	Vinyl Chloride	51	< 51	U
75-00-3	Chloroethane	51	< 51	U
75-09-2	**Methylene Chloride**	**100**	**130**	**B**
67-64-1	Acetone	260	< 260	U
75-15-0	Carbon Disulfide	51	< 51	U
75-35-4	1,1-Dichloroethene	51	< 51	U
75-34-3	1,1-Dichloroethane	51	< 51	U
156-60-5	trans-1,2-Dichloroethene	51	< 51	U
156-59-2	cis-1,2-Dichloroethene	51	< 51	U
67-66-3	Chloroform	51	< 51	U
107-06-2	1,2-Dichloroethane	51	< 51	U
78-93-3	2-Butanone	260	< 260	U
71-55-6	1,1,1-Trichloroethane	51	< 51	U
56-23-5	Carbon Tetrachloride	51	< 51	U
108-05-4	Vinyl Acetate	260	< 260	U
75-27-4	Bromodichloromethane	51	< 51	U
78-87-5	1,2-Dichloropropane	51	< 51	U
10061-01-5	cis-1,3-Dichloropropene	51	< 51	U
79-01-6	Trichloroethene	51	< 51	U
124-48-1	Dibromochloromethane	51	< 51	U
79-00-5	1,1,2-Trichloroethane	51	< 51	U
71-43-2	Benzene	51	< 51	U
10061-02-6	trans-1,3-Dichloropropene	51	< 51	U
110-75-8	2-Chloroethylvinylether	260	< 260	U
75-25-2	Bromoform	51	< 51	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	260	< 260	U
591-78-6	2-Hexanone	260	< 260	U
127-18-4	**Tetrachloroethene**	**51**	**1,500**	
79-34-5	1,1,2,2-Tetrachloroethane	51	< 51	U
108-88-3	Toluene	51	< 51	U
108-90-7	Chlorobenzene	51	< 51	U
100-41-4	Ethylbenzene	51	< 51	U
100-42-5	Styrene	51	< 51	U
75-69-4	Trichlorofluoromethane	51	< 51	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	100	< 100	U
179601-23-1	m,p-Xylene	51	< 51	U
95-47-6	o-Xylene	51	< 51	U
95-50-1	1,2-Dichlorobenzene	51	< 51	U
541-73-1	1,3-Dichlorobenzene	51	< 51	U
106-46-7	1,4-Dichlorobenzene	51	< 51	U
107-02-8	Acrolein	2,600	< 2,600	U
74-88-4	Methyl Iodide	51	< 51	U
74-96-4	Bromoethane	100	< 100	U
107-13-1	Acrylonitrile	260	< 260	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P4-8.0**
Page 2 of 2 **REANALYSIS**

Lab Sample ID: OU15H QC Report No: OU15-Landau Associates, Inc.
LIMS ID: 09-8592 Project: SAURO'S
Matrix: Soil 094048.010.011
Date Analyzed: 04/07/09 13:34

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	51	< 51	U
74-95-3	Dibromomethane	51	< 51	U
630-20-6	1,1,1,2-Tetrachloroethane	51	< 51	U
96-12-8	1,2-Dibromo-3-chloropropane	260	< 260	U
96-18-4	1,2,3-Trichloropropane	100	< 100	U
110-57-6	trans-1,4-Dichloro-2-butene	260	< 260	U
108-67-8	1,3,5-Trimethylbenzene	51	< 51	U
95-63-6	1,2,4-Trimethylbenzene	51	< 51	U
87-68-3	Hexachlorobutadiene	260	< 260	U
106-93-4	Ethylene Dibromide	51	< 51	U
74-97-5	Bromochloromethane	51	< 51	U
594-20-7	2,2-Dichloropropane	51	< 51	U
142-28-9	1,3-Dichloropropane	51	< 51	U
98-82-8	Isopropylbenzene	51	< 51	U
103-65-1	n-Propylbenzene	51	< 51	U
108-86-1	Bromobenzene	51	< 51	U
95-49-8	2-Chlorotoluene	51	< 51	U
106-43-4	4-Chlorotoluene	51	< 51	U
98-06-6	tert-Butylbenzene	51	< 51	U
135-98-8	sec-Butylbenzene	51	< 51	U
99-87-6	4-Isopropyltoluene	51	< 51	U
104-51-8	n-Butylbenzene	51	< 51	U
120-82-1	1,2,4-Trichlorobenzene	260	< 260	U
91-20-3	Naphthalene	260	< 260	U
87-61-6	1,2,3-Trichlorobenzene	260	< 260	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	98.9%
d8-Toluene	98.0%
Bromofluorobenzene	103%
d4-1,2-Dichlorobenzene	101%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P4-13.0**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OU15I
LIMS ID: 09-8593
Matrix: Soil
Data Release Authorized:
Reported: 04/09/09

QC Report No: OU15-Landau Associates, Inc.
Project: SAURO'S
094048.010.011
Date Sampled: 04/03/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/06/09 20:24

Sample Amount: 8.87 g-dry-wt
Purge Volume: 5.0 mL
Moisture: 14.7%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.6	< 0.6	U
74-83-9	Bromomethane	0.6	< 0.6	U
75-01-4	Vinyl Chloride	0.6	< 0.6	U
75-00-3	Chloroethane	0.6	< 0.6	U
75-09-2	**Methylene Chloride**	**1.1**	**1.9**	**B**
67-64-1	**Acetone**	**2.8**	**25**	
75-15-0	Carbon Disulfide	0.6	< 0.6	U
75-35-4	1,1-Dichloroethene	0.6	< 0.6	U
75-34-3	1,1-Dichloroethane	0.6	< 0.6	U
156-60-5	trans-1,2-Dichloroethene	0.6	< 0.6	U
156-59-2	**cis-1,2-Dichloroethene**	**0.6**	**7.0**	
67-66-3	Chloroform	0.6	< 0.6	U
107-06-2	1,2-Dichloroethane	0.6	< 0.6	U
78-93-3	2-Butanone	2.8	< 2.8	U
71-55-6	1,1,1-Trichloroethane	0.6	< 0.6	U
56-23-5	Carbon Tetrachloride	0.6	< 0.6	U
108-05-4	Vinyl Acetate	2.8	< 2.8	U
75-27-4	Bromodichloromethane	0.6	< 0.6	U
78-87-5	1,2-Dichloropropane	0.6	< 0.6	U
10061-01-5	cis-1,3-Dichloropropene	0.6	< 0.6	U
79-01-6	**Trichloroethene**	**0.6**	**6.6**	
124-48-1	Dibromochloromethane	0.6	< 0.6	U
79-00-5	1,1,2-Trichloroethane	0.6	< 0.6	U
71-43-2	Benzene	0.6	< 0.6	U
10061-02-6	trans-1,3-Dichloropropene	0.6	< 0.6	U
110-75-8	2-Chloroethylvinylether	2.8	< 2.8	U
75-25-2	Bromoform	0.6	< 0.6	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	2.8	< 2.8	U
591-78-6	2-Hexanone	2.8	< 2.8	U
127-18-4	**Tetrachloroethene**	**0.6**	**130**	**E**
79-34-5	1,1,2,2-Tetrachloroethane	0.6	< 0.6	U
108-88-3	Toluene	0.6	< 0.6	U
108-90-7	Chlorobenzene	0.6	< 0.6	U
100-41-4	Ethylbenzene	0.6	< 0.6	U
100-42-5	Styrene	0.6	< 0.6	U
75-69-4	Trichlorofluoromethane	0.6	< 0.6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	1.1	< 1.1	U
179601-23-1	m,p-Xylene	0.6	< 0.6	U
95-47-6	o-Xylene	0.6	< 0.6	U
95-50-1	1,2-Dichlorobenzene	0.6	< 0.6	U
541-73-1	1,3-Dichlorobenzene	0.6	< 0.6	U
106-46-7	1,4-Dichlorobenzene	0.6	< 0.6	U
107-02-8	Acrolein	28	< 28	U
74-88-4	Methyl Iodide	0.6	< 0.6	U
74-96-4	Bromoethane	1.1	< 1.1	U
107-13-1	Acrylonitrile	2.8	< 2.8	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P4-13.0**
 SAMPLE

Lab Sample ID: OU15I
LIMS ID: 09-8593
Matrix: Soil
Date Analyzed: 04/06/09 20:24

QC Report No: OU15-Landau Associates, Inc.
Project: SAURO'S
094048.010.011

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	0.6	< 0.6	U
74-95-3	Dibromomethane	0.6	< 0.6	U
630-20-6	1,1,1,2-Tetrachloroethane	0.6	< 0.6	U
96-12-8	1,2-Dibromo-3-chloropropane	2.8	< 2.8	U
96-18-4	1,2,3-Trichloropropane	1.1	< 1.1	U
110-57-6	trans-1,4-Dichloro-2-butene	2.8	< 2.8	U
108-67-8	1,3,5-Trimethylbenzene	0.6	< 0.6	U
95-63-6	1,2,4-Trimethylbenzene	0.6	< 0.6	U
87-68-3	Hexachlorobutadiene	2.8	< 2.8	U
106-93-4	Ethylene Dibromide	0.6	< 0.6	U
74-97-5	Bromochloromethane	0.6	< 0.6	U
594-20-7	2,2-Dichloropropane	0.6	< 0.6	U
142-28-9	1,3-Dichloropropane	0.6	< 0.6	U
98-82-8	Isopropylbenzene	0.6	< 0.6	U
103-65-1	n-Propylbenzene	0.6	< 0.6	U
108-86-1	Bromobenzene	0.6	< 0.6	U
95-49-8	2-Chlorotoluene	0.6	< 0.6	U
106-43-4	4-Chlorotoluene	0.6	< 0.6	U
98-06-6	tert-Butylbenzene	0.6	< 0.6	U
135-98-8	sec-Butylbenzene	0.6	< 0.6	U
99-87-6	4-Isopropyltoluene	0.6	< 0.6	U
104-51-8	n-Butylbenzene	0.6	< 0.6	U
120-82-1	1,2,4-Trichlorobenzene	2.8	< 2.8	U
91-20-3	Naphthalene	2.8	< 2.8	U
87-61-6	1,2,3-Trichlorobenzene	2.8	< 2.8	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	108%
d8-Toluene	98.2%
Bromofluorobenzene	102%
d4-1,2-Dichlorobenzene	102%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P4-13.0**
 REANALYSIS

Lab Sample ID: OU15I
LIMS ID: 09-8593
Matrix: Soil
Data Release Authorized:
Reported: 04/09/09

QC Report No: OU15-Landau Associates, Inc.
Project: SAURO'S
094048.010.011
Date Sampled: 04/03/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/07/09 14:02

Sample Amount: 121 mg-dry-wt
Purge Volume: 5.0 mL
Moisture: 14.7%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	41	< 41	U
74-83-9	Bromomethane	41	< 41	U
75-01-4	Vinyl Chloride	41	< 41	U
75-00-3	Chloroethane	41	< 41	U
75-09-2	**Methylene Chloride**	**82**	**100**	**B**
67-64-1	Acetone	210	< 210	U
75-15-0	Carbon Disulfide	41	< 41	U
75-35-4	1,1-Dichloroethene	41	< 41	U
75-34-3	1,1-Dichloroethane	41	< 41	U
156-60-5	trans-1,2-Dichloroethene	41	< 41	U
156-59-2	cis-1,2-Dichloroethene	41	< 41	U
67-66-3	Chloroform	41	< 41	U
107-06-2	1,2-Dichloroethane	41	< 41	U
78-93-3	2-Butanone	210	< 210	U
71-55-6	1,1,1-Trichloroethane	41	< 41	U
56-23-5	Carbon Tetrachloride	41	< 41	U
108-05-4	Vinyl Acetate	210	< 210	U
75-27-4	Bromodichloromethane	41	< 41	U
78-87-5	1,2-Dichloropropane	41	< 41	U
10061-01-5	cis-1,3-Dichloropropene	41	< 41	U
79-01-6	Trichloroethene	41	< 41	U
124-48-1	Dibromochloromethane	41	< 41	U
79-00-5	1,1,2-Trichloroethane	41	< 41	U
71-43-2	Benzene	41	< 41	U
10061-02-6	trans-1,3-Dichloropropene	41	< 41	U
110-75-8	2-Chloroethylvinylether	210	< 210	U
75-25-2	Bromoform	41	< 41	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	210	< 210	U
591-78-6	2-Hexanone	210	< 210	U
127-18-4	**Tetrachloroethene**	**41**	**750**	
79-34-5	1,1,2,2-Tetrachloroethane	41	< 41	U
108-88-3	Toluene	41	< 41	U
108-90-7	Chlorobenzene	41	< 41	U
100-41-4	Ethylbenzene	41	< 41	U
100-42-5	Styrene	41	< 41	U
75-69-4	Trichlorofluoromethane	41	< 41	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	82	< 82	U
179601-23-1	m,p-Xylene	41	< 41	U
95-47-6	o-Xylene	41	< 41	U
95-50-1	1,2-Dichlorobenzene	41	< 41	U
541-73-1	1,3-Dichlorobenzene	41	< 41	U
106-46-7	1,4-Dichlorobenzene	41	< 41	U
107-02-8	Acrolein	2,100	< 2,100	U
74-88-4	Methyl Iodide	41	< 41	U
74-96-4	Bromoethane	82	< 82	U
107-13-1	Acrylonitrile	210	< 210	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P4-13.0**
 REANALYSIS

Lab Sample ID: OU15I
LIMS ID: 09-8593
Matrix: Soil
Date Analyzed: 04/07/09 14:02

QC Report No: OU15-Landau Associates, Inc.
Project: SAURO'S
094048.010.011

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	41	< 41	U
74-95-3	Dibromomethane	41	< 41	U
630-20-6	1,1,1,2-Tetrachloroethane	41	< 41	U
96-12-8	1,2-Dibromo-3-chloropropane	210	< 210	U
96-18-4	1,2,3-Trichloropropane	82	< 82	U
110-57-6	trans-1,4-Dichloro-2-butene	210	< 210	U
108-67-8	1,3,5-Trimethylbenzene	41	< 41	U
95-63-6	1,2,4-Trimethylbenzene	41	< 41	U
87-68-3	Hexachlorobutadiene	210	< 210	U
106-93-4	Ethylene Dibromide	41	< 41	U
74-97-5	Bromochloromethane	41	< 41	U
594-20-7	2,2-Dichloropropane	41	< 41	U
142-28-9	1,3-Dichloropropane	41	< 41	U
98-82-8	Isopropylbenzene	41	< 41	U
103-65-1	n-Propylbenzene	41	< 41	U
108-86-1	Bromobenzene	41	< 41	U
95-49-8	2-Chlorotoluene	41	< 41	U
106-43-4	4-Chlorotoluene	41	< 41	U
98-06-6	tert-Butylbenzene	41	< 41	U
135-98-8	sec-Butylbenzene	41	< 41	U
99-87-6	4-Isopropyltoluene	41	< 41	U
104-51-8	n-Butylbenzene	41	< 41	U
120-82-1	1,2,4-Trichlorobenzene	210	< 210	U
91-20-3	Naphthalene	210	< 210	U
87-61-6	1,2,3-Trichlorobenzene	210	< 210	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	97.0%
d8-Toluene	97.3%
Bromofluorobenzene	100%
d4-1,2-Dichlorobenzene	99.6%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P4-13.0**
 MATRIX SPIKE

Lab Sample ID: OU15I
LIMS ID: 09-8593
Matrix: Soil
Data Release Authorized:
Reported: 04/09/09

QC Report No: OU15-Landau Associates, Inc.
Project: SAURO'S
094048.010.011
Date Sampled: 04/03/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/07/09 14:59

Sample Amount: 121 mg-dry-wt
Purge Volume: 5.0 mL
Moisture: 14.7%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	41	---	
74-83-9	Bromomethane	41	---	
75-01-4	Vinyl Chloride	41	---	
75-00-3	Chloroethane	41	---	
75-09-2	Methylene Chloride	82	---	
67-64-1	Acetone	210	---	
75-15-0	Carbon Disulfide	41	---	
75-35-4	1,1-Dichloroethene	41	---	
75-34-3	1,1-Dichloroethane	41	---	
156-60-5	trans-1,2-Dichloroethene	41	---	
156-59-2	cis-1,2-Dichloroethene	41	---	
67-66-3	Chloroform	41	---	
107-06-2	1,2-Dichloroethane	41	---	
78-93-3	2-Butanone	210	---	
71-55-6	1,1,1-Trichloroethane	41	---	
56-23-5	Carbon Tetrachloride	41	---	
108-05-4	Vinyl Acetate	210	---	
75-27-4	Bromodichloromethane	41	---	
78-87-5	1,2-Dichloropropane	41	---	
10061-01-5	cis-1,3-Dichloropropene	41	---	
79-01-6	Trichloroethene	41	---	
124-48-1	Dibromochloromethane	41	---	
79-00-5	1,1,2-Trichloroethane	41	---	
71-43-2	Benzene	41	---	
10061-02-6	trans-1,3-Dichloropropene	41	---	
110-75-8	2-Chloroethylvinylether	210	---	
75-25-2	Bromoform	41	---	
108-10-1	4-Methyl-2-Pentanone (MIBK)	210	---	
591-78-6	2-Hexanone	210	---	
127-18-4	Tetrachloroethene	41	---	
79-34-5	1,1,2,2-Tetrachloroethane	41	---	
108-88-3	Toluene	41	---	
108-90-7	Chlorobenzene	41	---	
100-41-4	Ethylbenzene	41	---	
100-42-5	Styrene	41	---	
75-69-4	Trichlorofluoromethane	41	---	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	82	---	
179601-23-1	m,p-Xylene	41	---	
95-47-6	o-Xylene	41	---	
95-50-1	1,2-Dichlorobenzene	41	---	
541-73-1	1,3-Dichlorobenzene	41	---	
106-46-7	1,4-Dichlorobenzene	41	---	
107-02-8	Acrolein	2,100	---	
74-88-4	Methyl Iodide	41	---	
74-96-4	Bromoethane	82	---	
107-13-1	Acrylonitrile	210	---	

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P4-13.0**
 MATRIX SPIKE

Lab Sample ID: OU15I QC Report No: OU15-Landau Associates, Inc.
LIMS ID: 09-8593 Project: SAURO'S
Matrix: Soil 094048.010.011
Date Analyzed: 04/07/09 14:59

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	41	---	
74-95-3	Dibromomethane	41	---	
630-20-6	1,1,1,2-Tetrachloroethane	41	---	
96-12-8	1,2-Dibromo-3-chloropropane	210	---	
96-18-4	1,2,3-Trichloropropane	82	---	
110-57-6	trans-1,4-Dichloro-2-butene	210	---	
108-67-8	1,3,5-Trimethylbenzene	41	---	
95-63-6	1,2,4-Trimethylbenzene	41	---	
87-68-3	Hexachlorobutadiene	210	---	
106-93-4	Ethylene Dibromide	41	---	
74-97-5	Bromochloromethane	41	---	
594-20-7	2,2-Dichloropropane	41	---	
142-28-9	1,3-Dichloropropane	41	---	
98-82-8	Isopropylbenzene	41	---	
103-65-1	n-Propylbenzene	41	---	
108-86-1	Bromobenzene	41	---	
95-49-8	2-Chlorotoluene	41	---	
106-43-4	4-Chlorotoluene	41	---	
98-06-6	tert-Butylbenzene	41	---	
135-98-8	sec-Butylbenzene	41	---	
99-87-6	4-Isopropyltoluene	41	---	
104-51-8	n-Butylbenzene	41	---	
120-82-1	1,2,4-Trichlorobenzene	210	---	
91-20-3	Naphthalene	210	---	
87-61-6	1,2,3-Trichlorobenzene	210	---	

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	101%
d8-Toluene	99.6%
Bromofluorobenzene	124%
d4-1,2-Dichlorobenzene	110%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P4-13.0**
Page 1 of 2 **MATRIX SPIKE DUP**

Lab Sample ID: OU15I
LIMS ID: 09-8593
Matrix: Soil
Data Release Authorized:
Reported: 04/09/09

QC Report No: OU15-Landau Associates, Inc.
Project: SAURO'S
094048.010.011
Date Sampled: 04/03/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/07/09 15:36

Sample Amount: 121 mg-dry-wt
Purge Volume: 5.0 mL
Moisture: 14.7%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	41	---	
74-83-9	Bromomethane	41	---	
75-01-4	Vinyl Chloride	41	---	
75-00-3	Chloroethane	41	---	
75-09-2	Methylene Chloride	82	---	
67-64-1	Acetone	210	---	
75-15-0	Carbon Disulfide	41	---	
75-35-4	1,1-Dichloroethene	41	---	
75-34-3	1,1-Dichloroethane	41	---	
156-60-5	trans-1,2-Dichloroethene	41	---	
156-59-2	cis-1,2-Dichloroethene	41	---	
67-66-3	Chloroform	41	---	
107-06-2	1,2-Dichloroethane	41	---	
78-93-3	2-Butanone	210	---	
71-55-6	1,1,1-Trichloroethane	41	---	
56-23-5	Carbon Tetrachloride	41	---	
108-05-4	Vinyl Acetate	210	---	
75-27-4	Bromodichloromethane	41	---	
78-87-5	1,2-Dichloropropane	41	---	
10061-01-5	cis-1,3-Dichloropropene	41	---	
79-01-6	Trichloroethene	41	---	
124-48-1	Dibromochloromethane	41	---	
79-00-5	1,1,2-Trichloroethane	41	---	
71-43-2	Benzene	41	---	
10061-02-6	trans-1,3-Dichloropropene	41	---	
110-75-8	2-Chloroethylvinylether	210	---	
75-25-2	Bromoform	41	---	
108-10-1	4-Methyl-2-Pentanone (MIBK)	210	---	
591-78-6	2-Hexanone	210	---	
127-18-4	Tetrachloroethene	41	---	
79-34-5	1,1,2,2-Tetrachloroethane	41	---	
108-88-3	Toluene	41	---	
108-90-7	Chlorobenzene	41	---	
100-41-4	Ethylbenzene	41	---	
100-42-5	Styrene	41	---	
75-69-4	Trichlorofluoromethane	41	---	
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	82	---	
179601-23-1	m,p-Xylene	41	---	
95-47-6	o-Xylene	41	---	
95-50-1	1,2-Dichlorobenzene	41	---	
541-73-1	1,3-Dichlorobenzene	41	---	
106-46-7	1,4-Dichlorobenzene	41	---	
107-02-8	Acrolein	2,100	---	
74-88-4	Methyl Iodide	41	---	
74-96-4	Bromoethane	82	---	
107-13-1	Acrylonitrile	210	---	

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P4-13.0**
 MATRIX SPIKE DUP

Lab Sample ID: OU15I QC Report No: OU15-Landau Associates, Inc.
LIMS ID: 09-8593 Project: SAURO'S
Matrix: Soil 094048.010.011
Date Analyzed: 04/07/09 15:36

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	41	---	
74-95-3	Dibromomethane	41	---	
630-20-6	1,1,1,2-Tetrachloroethane	41	---	
96-12-8	1,2-Dibromo-3-chloropropane	210	---	
96-18-4	1,2,3-Trichloropropane	82	---	
110-57-6	trans-1,4-Dichloro-2-butene	210	---	
108-67-8	1,3,5-Trimethylbenzene	41	---	
95-63-6	1,2,4-Trimethylbenzene	41	---	
87-68-3	Hexachlorobutadiene	210	---	
106-93-4	Ethylene Dibromide	41	---	
74-97-5	Bromochloromethane	41	---	
594-20-7	2,2-Dichloropropane	41	---	
142-28-9	1,3-Dichloropropane	41	---	
98-82-8	Isopropylbenzene	41	---	
103-65-1	n-Propylbenzene	41	---	
108-86-1	Bromobenzene	41	---	
95-49-8	2-Chlorotoluene	41	---	
106-43-4	4-Chlorotoluene	41	---	
98-06-6	tert-Butylbenzene	41	---	
135-98-8	sec-Butylbenzene	41	---	
99-87-6	4-Isopropyltoluene	41	---	
104-51-8	n-Butylbenzene	41	---	
120-82-1	1,2,4-Trichlorobenzene	210	---	
91-20-3	Naphthalene	210	---	
87-61-6	1,2,3-Trichlorobenzene	210	---	

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	82.7%
d8-Toluene	98.5%
Bromofluorobenzene	107%
d4-1,2-Dichlorobenzene	96.3%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P4-18.0**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OU15J
LIMS ID: 09-8594
Matrix: Soil
Data Release Authorized:
Reported: 04/09/09

QC Report No: OU15-Landau Associates, Inc.
Project: SAURO'S
094048.010.011
Date Sampled: 04/03/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/06/09 20:52

Sample Amount: 3.82 g-dry-wt
Purge Volume: 5.0 mL
Moisture: 24.6%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	1.3	< 1.3	U
74-83-9	Bromomethane	1.3	< 1.3	U
75-01-4	**Vinyl Chloride**	**1.3**	**26**	
75-00-3	Chloroethane	1.3	< 1.3	U
75-09-2	**Methylene Chloride**	**2.6**	**3.9**	**B**
67-64-1	**Acetone**	**6.6**	**73**	
75-15-0	**Carbon Disulfide**	**1.3**	**15**	
75-35-4	1,1-Dichloroethene	1.3	< 1.3	U
75-34-3	1,1-Dichloroethane	1.3	< 1.3	U
156-60-5	**trans-1,2-Dichloroethene**	**1.3**	**2.9**	
156-59-2	**cis-1,2-Dichloroethene**	**1.3**	**43**	
67-66-3	Chloroform	1.3	< 1.3	U
107-06-2	1,2-Dichloroethane	1.3	< 1.3	U
78-93-3	2-Butanone	6.6	< 6.6	U
71-55-6	1,1,1-Trichloroethane	1.3	< 1.3	U
56-23-5	Carbon Tetrachloride	1.3	< 1.3	U
108-05-4	Vinyl Acetate	6.6	< 6.6	U
75-27-4	Bromodichloromethane	1.3	< 1.3	U
78-87-5	1,2-Dichloropropane	1.3	< 1.3	U
10061-01-5	cis-1,3-Dichloropropene	1.3	< 1.3	U
79-01-6	**Trichloroethene**	**1.3**	**24**	
124-48-1	Dibromochloromethane	1.3	< 1.3	U
79-00-5	1,1,2-Trichloroethane	1.3	< 1.3	U
71-43-2	**Benzene**	**1.3**	**2.1**	
10061-02-6	trans-1,3-Dichloropropene	1.3	< 1.3	U
110-75-8	2-Chloroethylvinylether	6.6	< 6.6	U
75-25-2	Bromoform	1.3	< 1.3	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	6.6	< 6.6	U
591-78-6	2-Hexanone	6.6	< 6.6	U
127-18-4	**Tetrachloroethene**	**1.3**	**76**	
79-34-5	1,1,2,2-Tetrachloroethane	1.3	< 1.3	U
108-88-3	**Toluene**	**1.3**	**1.4**	
108-90-7	Chlorobenzene	1.3	< 1.3	U
100-41-4	Ethylbenzene	1.3	< 1.3	U
100-42-5	Styrene	1.3	< 1.3	U
75-69-4	Trichlorofluoromethane	1.3	< 1.3	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	2.6	< 2.6	U
179601-23-1	m,p-Xylene	1.3	< 1.3	U
95-47-6	o-Xylene	1.3	< 1.3	U
95-50-1	1,2-Dichlorobenzene	1.3	< 1.3	U
541-73-1	1,3-Dichlorobenzene	1.3	< 1.3	U
106-46-7	1,4-Dichlorobenzene	1.3	< 1.3	U
107-02-8	Acrolein	66	< 66	U
74-88-4	Methyl Iodide	1.3	< 1.3	U
74-96-4	Bromoethane	2.6	< 2.6	U
107-13-1	Acrylonitrile	6.6	< 6.6	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P4-18.0**
 SAMPLE

Lab Sample ID: OU15J QC Report No: OU15-Landau Associates, Inc.
LIMS ID: 09-8594 Project: SAURO'S
Matrix: Soil 094048.010.011
Date Analyzed: 04/06/09 20:52

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	1.3	< 1.3	U
74-95-3	Dibromomethane	1.3	< 1.3	U
630-20-6	1,1,1,2-Tetrachloroethane	1.3	< 1.3	U
96-12-8	1,2-Dibromo-3-chloropropane	6.6	< 6.6	U
96-18-4	1,2,3-Trichloropropane	2.6	< 2.6	U
110-57-6	trans-1,4-Dichloro-2-butene	6.6	< 6.6	U
108-67-8	1,3,5-Trimethylbenzene	1.3	< 1.3	U
95-63-6	1,2,4-Trimethylbenzene	1.3	< 1.3	U
87-68-3	Hexachlorobutadiene	6.6	< 6.6	U
106-93-4	Ethylene Dibromide	1.3	< 1.3	U
74-97-5	Bromochloromethane	1.3	< 1.3	U
594-20-7	2,2-Dichloropropane	1.3	< 1.3	U
142-28-9	1,3-Dichloropropane	1.3	< 1.3	U
98-82-8	Isopropylbenzene	1.3	< 1.3	U
103-65-1	n-Propylbenzene	1.3	< 1.3	U
108-86-1	Bromobenzene	1.3	< 1.3	U
95-49-8	2-Chlorotoluene	1.3	< 1.3	U
106-43-4	4-Chlorotoluene	1.3	< 1.3	U
98-06-6	tert-Butylbenzene	1.3	< 1.3	U
135-98-8	sec-Butylbenzene	1.3	< 1.3	U
99-87-6	4-Isopropyltoluene	1.3	< 1.3	U
104-51-8	n-Butylbenzene	1.3	< 1.3	U
120-82-1	1,2,4-Trichlorobenzene	6.6	< 6.6	U
91-20-3	**Naphthalene**	**6.6**	**11**	
87-61-6	1,2,3-Trichlorobenzene	6.6	< 6.6	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	111%
d8-Toluene	97.4%
Bromofluorobenzene	99.3%
d4-1,2-Dichlorobenzene	102%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MB-040609**
 METHOD BLANK

Lab Sample ID: MB-040609
LIMS ID: 09-8590
Matrix: Soil
Data Release Authorized:
Reported: 04/09/09

QC Report No: OU15-Landau Associates, Inc.
Project: SAURO'S
094048.010.011
Date Sampled: NA
Date Received: NA

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/06/09 11:52

Sample Amount: 5.00 g-dry-wt
Purge Volume: 5.0 mL
Moisture: NA

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	1.0	< 1.0	U
74-83-9	Bromomethane	1.0	< 1.0	U
75-01-4	Vinyl Chloride	1.0	< 1.0	U
75-00-3	Chloroethane	1.0	< 1.0	U
75-09-2	**Methylene Chloride**	**2.0**	**3.2**	
67-64-1	Acetone	5.0	< 5.0	U
75-15-0	Carbon Disulfide	1.0	< 1.0	U
75-35-4	1,1-Dichloroethene	1.0	< 1.0	U
75-34-3	1,1-Dichloroethane	1.0	< 1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	< 1.0	U
67-66-3	Chloroform	1.0	< 1.0	U
107-06-2	1,2-Dichloroethane	1.0	< 1.0	U
78-93-3	2-Butanone	5.0	< 5.0	U
71-55-6	1,1,1-Trichloroethane	1.0	< 1.0	U
56-23-5	Carbon Tetrachloride	1.0	< 1.0	U
108-05-4	Vinyl Acetate	5.0	< 5.0	U
75-27-4	Bromodichloromethane	1.0	< 1.0	U
78-87-5	1,2-Dichloropropane	1.0	< 1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	< 1.0	U
79-01-6	Trichloroethene	1.0	< 1.0	U
124-48-1	Dibromochloromethane	1.0	< 1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	< 1.0	U
71-43-2	Benzene	1.0	< 1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	< 1.0	U
110-75-8	2-Chloroethylvinylether	5.0	< 5.0	U
75-25-2	Bromoform	1.0	< 1.0	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	< 5.0	U
591-78-6	2-Hexanone	5.0	< 5.0	U
127-18-4	Tetrachloroethene	1.0	< 1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	< 1.0	U
108-88-3	Toluene	1.0	< 1.0	U
108-90-7	Chlorobenzene	1.0	< 1.0	U
100-41-4	Ethylbenzene	1.0	< 1.0	U
100-42-5	Styrene	1.0	< 1.0	U
75-69-4	Trichlorofluoromethane	1.0	< 1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	2.0	< 2.0	U
179601-23-1	m,p-Xylene	1.0	< 1.0	U
95-47-6	o-Xylene	1.0	< 1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	< 1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	< 1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	< 1.0	U
107-02-8	Acrolein	50	< 50	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	2.0	< 2.0	U
107-13-1	Acrylonitrile	5.0	< 5.0	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MB-040609**
 METHOD BLANK

Lab Sample ID: MB-040609 QC Report No: OU15-Landau Associates, Inc.
LIMS ID: 09-8590 Project: SAURO'S
Matrix: Soil 094048.010.011
Date Analyzed: 04/06/09 11:52

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	1.0	< 1.0	U
74-95-3	Dibromomethane	1.0	< 1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	< 1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	< 5.0	U
96-18-4	1,2,3-Trichloropropane	2.0	< 2.0	U
110-57-6	trans-1,4-Dichloro-2-butene	5.0	< 5.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	< 1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	< 1.0	U
87-68-3	Hexachlorobutadiene	5.0	< 5.0	U
106-93-4	Ethylene Dibromide	1.0	< 1.0	U
74-97-5	Bromochloromethane	1.0	< 1.0	U
594-20-7	2,2-Dichloropropane	1.0	< 1.0	U
142-28-9	1,3-Dichloropropane	1.0	< 1.0	U
98-82-8	Isopropylbenzene	1.0	< 1.0	U
103-65-1	n-Propylbenzene	1.0	< 1.0	U
108-86-1	Bromobenzene	1.0	< 1.0	U
95-49-8	2-Chlorotoluene	1.0	< 1.0	U
106-43-4	4-Chlorotoluene	1.0	< 1.0	U
98-06-6	tert-Butylbenzene	1.0	< 1.0	U
135-98-8	sec-Butylbenzene	1.0	< 1.0	U
99-87-6	4-Isopropyltoluene	1.0	< 1.0	U
104-51-8	n-Butylbenzene	1.0	< 1.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	< 5.0	U
91-20-3	Naphthalene	5.0	< 5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	< 5.0	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	101%
d8-Toluene	98.4%
Bromofluorobenzene	104%
d4-1,2-Dichlorobenzene	100%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MB-040709**
 METHOD BLANK

Lab Sample ID: MB-040709
LIMS ID: 09-8589
Matrix: Soil
Data Release Authorized:
Reported: 04/09/09

QC Report No: OU15-Landau Associates, Inc.
Project: SAURO'S
094048.010.011
Date Sampled: NA
Date Received: NA

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/07/09 11:06

Sample Amount: 5.00 g-dry-wt
Purge Volume: 5.0 mL
Moisture: NA

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	1.0	< 1.0	U
74-83-9	Bromomethane	1.0	< 1.0	U
75-01-4	Vinyl Chloride	1.0	< 1.0	U
75-00-3	Chloroethane	1.0	< 1.0	U
75-09-2	**Methylene Chloride**	**2.0**	**3.6**	
67-64-1	Acetone	5.0	< 5.0	U
75-15-0	Carbon Disulfide	1.0	< 1.0	U
75-35-4	1,1-Dichloroethene	1.0	< 1.0	U
75-34-3	1,1-Dichloroethane	1.0	< 1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	< 1.0	U
67-66-3	Chloroform	1.0	< 1.0	U
107-06-2	1,2-Dichloroethane	1.0	< 1.0	U
78-93-3	2-Butanone	5.0	< 5.0	U
71-55-6	1,1,1-Trichloroethane	1.0	< 1.0	U
56-23-5	Carbon Tetrachloride	1.0	< 1.0	U
108-05-4	Vinyl Acetate	5.0	< 5.0	U
75-27-4	Bromodichloromethane	1.0	< 1.0	U
78-87-5	1,2-Dichloropropane	1.0	< 1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	< 1.0	U
79-01-6	Trichloroethene	1.0	< 1.0	U
124-48-1	Dibromochloromethane	1.0	< 1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	< 1.0	U
71-43-2	Benzene	1.0	< 1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	< 1.0	U
110-75-8	2-Chloroethylvinylether	5.0	< 5.0	U
75-25-2	Bromoform	1.0	< 1.0	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	< 5.0	U
591-78-6	2-Hexanone	5.0	< 5.0	U
127-18-4	Tetrachloroethene	1.0	< 1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	< 1.0	U
108-88-3	Toluene	1.0	< 1.0	U
108-90-7	Chlorobenzene	1.0	< 1.0	U
100-41-4	Ethylbenzene	1.0	< 1.0	U
100-42-5	Styrene	1.0	< 1.0	U
75-69-4	Trichlorofluoromethane	1.0	< 1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	2.0	< 2.0	U
179601-23-1	m,p-Xylene	1.0	< 1.0	U
95-47-6	o-Xylene	1.0	< 1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	< 1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	< 1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	< 1.0	U
107-02-8	Acrolein	50	< 50	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	2.0	< 2.0	U
107-13-1	Acrylonitrile	5.0	< 5.0	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MB-040709**
 METHOD BLANK

Lab Sample ID: MB-040709 QC Report No: OU15-Landau Associates, Inc.
LIMS ID: 09-8589 Project: SAURO'S
Matrix: Soil 094048.010.011
Date Analyzed: 04/07/09 11:06

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	1.0	< 1.0	U
74-95-3	Dibromomethane	1.0	< 1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	< 1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	< 5.0	U
96-18-4	1,2,3-Trichloropropane	2.0	< 2.0	U
110-57-6	trans-1,4-Dichloro-2-butene	5.0	< 5.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	< 1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	< 1.0	U
87-68-3	Hexachlorobutadiene	5.0	< 5.0	U
106-93-4	Ethylene Dibromide	1.0	< 1.0	U
74-97-5	Bromochloromethane	1.0	< 1.0	U
594-20-7	2,2-Dichloropropane	1.0	< 1.0	U
142-28-9	1,3-Dichloropropane	1.0	< 1.0	U
98-82-8	Isopropylbenzene	1.0	< 1.0	U
103-65-1	n-Propylbenzene	1.0	< 1.0	U
108-86-1	Bromobenzene	1.0	< 1.0	U
95-49-8	2-Chlorotoluene	1.0	< 1.0	U
106-43-4	4-Chlorotoluene	1.0	< 1.0	U
98-06-6	tert-Butylbenzene	1.0	< 1.0	U
135-98-8	sec-Butylbenzene	1.0	< 1.0	U
99-87-6	4-Isopropyltoluene	1.0	< 1.0	U
104-51-8	n-Butylbenzene	1.0	< 1.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	< 5.0	U
91-20-3	Naphthalene	5.0	< 5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	< 5.0	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	94.9%
d8-Toluene	97.7%
Bromofluorobenzene	100%
d4-1,2-Dichlorobenzene	98.2%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MB-040709**
 METHOD BLANK

Lab Sample ID: MB-040709
LIMS ID: 09-8593
Matrix: Soil
Data Release Authorized:
Reported: 04/09/09

QC Report No: OU15-Landau Associates, Inc.
Project: SAURO'S
094048.010.011
Date Sampled: NA
Date Received: NA

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/07/09 11:06

Sample Amount: 100 mg-dry-wt
Purge Volume: 5.0 mL
Moisture: NA

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	50	< 50	U
74-83-9	Bromomethane	50	< 50	U
75-01-4	Vinyl Chloride	50	< 50	U
75-00-3	Chloroethane	50	< 50	U
75-09-2	**Methylene Chloride**	**100**	**180**	
67-64-1	Acetone	250	< 250	U
75-15-0	Carbon Disulfide	50	< 50	U
75-35-4	1,1-Dichloroethene	50	< 50	U
75-34-3	1,1-Dichloroethane	50	< 50	U
156-60-5	trans-1,2-Dichloroethene	50	< 50	U
156-59-2	cis-1,2-Dichloroethene	50	< 50	U
67-66-3	Chloroform	50	< 50	U
107-06-2	1,2-Dichloroethane	50	< 50	U
78-93-3	2-Butanone	250	< 250	U
71-55-6	1,1,1-Trichloroethane	50	< 50	U
56-23-5	Carbon Tetrachloride	50	< 50	U
108-05-4	Vinyl Acetate	250	< 250	U
75-27-4	Bromodichloromethane	50	< 50	U
78-87-5	1,2-Dichloropropane	50	< 50	U
10061-01-5	cis-1,3-Dichloropropene	50	< 50	U
79-01-6	Trichloroethene	50	< 50	U
124-48-1	Dibromochloromethane	50	< 50	U
79-00-5	1,1,2-Trichloroethane	50	< 50	U
71-43-2	Benzene	50	< 50	U
10061-02-6	trans-1,3-Dichloropropene	50	< 50	U
110-75-8	2-Chloroethylvinylether	250	< 250	U
75-25-2	Bromoform	50	< 50	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	250	< 250	U
591-78-6	2-Hexanone	250	< 250	U
127-18-4	Tetrachloroethene	50	< 50	U
79-34-5	1,1,2,2-Tetrachloroethane	50	< 50	U
108-88-3	Toluene	50	< 50	U
108-90-7	Chlorobenzene	50	< 50	U
100-41-4	Ethylbenzene	50	< 50	U
100-42-5	Styrene	50	< 50	U
75-69-4	Trichlorofluoromethane	50	< 50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	100	< 100	U
179601-23-1	m,p-Xylene	50	< 50	U
95-47-6	o-Xylene	50	< 50	U
95-50-1	1,2-Dichlorobenzene	50	< 50	U
541-73-1	1,3-Dichlorobenzene	50	< 50	U
106-46-7	1,4-Dichlorobenzene	50	< 50	U
107-02-8	Acrolein	2,500	< 2,500	U
74-88-4	Methyl Iodide	50	< 50	U
74-96-4	Bromoethane	100	< 100	U
107-13-1	Acrylonitrile	250	< 250	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MB-040709**
 METHOD BLANK

Lab Sample ID: MB-040709 QC Report No: OU15-Landau Associates, Inc.
LIMS ID: 09-8593 Project: SAURO'S
Matrix: Soil 094048.010.011
Date Analyzed: 04/07/09 11:06

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	50	< 50	U
74-95-3	Dibromomethane	50	< 50	U
630-20-6	1,1,1,2-Tetrachloroethane	50	< 50	U
96-12-8	1,2-Dibromo-3-chloropropane	250	< 250	U
96-18-4	1,2,3-Trichloropropane	100	< 100	U
110-57-6	trans-1,4-Dichloro-2-butene	250	< 250	U
108-67-8	1,3,5-Trimethylbenzene	50	< 50	U
95-63-6	1,2,4-Trimethylbenzene	50	< 50	U
87-68-3	Hexachlorobutadiene	250	< 250	U
106-93-4	Ethylene Dibromide	50	< 50	U
74-97-5	Bromochloromethane	50	< 50	U
594-20-7	2,2-Dichloropropane	50	< 50	U
142-28-9	1,3-Dichloropropane	50	< 50	U
98-82-8	Isopropylbenzene	50	< 50	U
103-65-1	n-Propylbenzene	50	< 50	U
108-86-1	Bromobenzene	50	< 50	U
95-49-8	2-Chlorotoluene	50	< 50	U
106-43-4	4-Chlorotoluene	50	< 50	U
98-06-6	tert-Butylbenzene	50	< 50	U
135-98-8	sec-Butylbenzene	50	< 50	U
99-87-6	4-Isopropyltoluene	50	< 50	U
104-51-8	n-Butylbenzene	50	< 50	U
120-82-1	1,2,4-Trichlorobenzene	250	< 250	U
91-20-3	Naphthalene	250	< 250	U
87-61-6	1,2,3-Trichlorobenzene	250	< 250	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	94.9%
d8-Toluene	97.7%
Bromofluorobenzene	100%
d4-1,2-Dichlorobenzene	98.2%

ANALYTICAL RESOURCES INCORPORATED

VOA SURROGATE RECOVERY SUMMARY

Matrix: Soil

QC Report No: OU15-Landau Associates, Inc.
Project: SAURO'S
094048.010.011

ARI ID	Client ID	Level	DCE	TOL	BFB	DCB	TOT OUT
OU15A	LAI-HA6-4.0	Low	112%	95.2%	89.0%	100%	0
OU15ARE	LAI-HA6-4.0	Med	97.9%	97.4%	102%	100%	0
OU15B	LAI-HA5-3.0	Low	113%	96.0%	87.1%	100%	0
OU15BRE	LAI-HA5-3.0	Med	96.6%	97.6%	101%	99.0%	0
OU15C	LAI-HA4-3.3	Low	111%	99.1%	106%	104%	0
OU15D	LAI-HA3-3.5	Low	106%	96.8%	99.4%	100%	0
OU15DRE	LAI-HA3-3.5	Med	82.9%	96.6%	98.8%	96.9%	0
MB-040709	Method Blank	Low	94.9%	97.7%	100%	98.2%	0
LCS-040709	Lab Control	Low	96.3%	98.4%	104%	99.6%	0
LCSD-040709	Lab Control Dup	Low	99.1%	98.8%	103%	101%	0
OU15E	LAI-HA7-4.0	Low	112%	98.4%	103%	102%	0
MB-040609	Method Blank	Low	101%	98.4%	104%	100%	0
LCS-040609	Lab Control	Low	100%	98.9%	103%	101%	0
LCSD-040609	Lab Control Dup	Low	98.4%	99.1%	102%	99.7%	0
OU15F	LAI-HA1-3.5	Low	112%	96.4%	94.0%	99.0%	0
OU15G	LAI-P4-3.0	Low	114%	98.9%	106%	103%	0
OU15H	LAI-P4-8.0	Low	111%	98.5%	101%	101%	0
OU15HRE	LAI-P4-8.0	Med	98.9%	98.0%	103%	101%	0
MB-040709	Method Blank	Med	94.9%	97.7%	100%	98.2%	0
LCS-040709	Lab Control	Med	96.3%	98.4%	104%	99.6%	0
LCSD-040709	Lab Control Dup	Med	99.1%	98.8%	103%	101%	0
OU15I	LAI-P4-13.0	Low	108%	98.2%	102%	102%	0
OU15IRE	LAI-P4-13.0	Med	97.0%	97.3%	100%	99.6%	0
OU15IMS	LAI-P4-13.0	Med	101%	99.6%	124%	110%	0
OU15IMSD	LAI-P4-13.0	Med	82.7%	98.5%	107%	96.3%	0
OU15J	LAI-P4-18.0	Low	111%	97.4%	99.3%	102%	0

	LCS/MB LIMITS		QC LIMITS	
SW8260B	Low	Med	Low	Med
(DCE) = d4-1,2-Dichloroethane	75-120	76-120	72-134	69-120
(TOL) = d8-Toluene	80-122	80-120	78-124	80-120
(BFB) = Bromofluorobenzene	79-120	80-120	66-120	76-128
(DCB) = d4-1,2-Dichlorobenzene	80-120	80-120	79-120	80-120

Log Number Range: 09-8585 to 09-8594

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LCS-040609**
Page 1 of 2 **LAB CONTROL SAMPLE**

Lab Sample ID: LCS-040609
LIMS ID: 09-8590
Matrix: Soil
Data Release Authorized:
Reported: 04/09/09

QC Report No: OU15-Landau Associates, Inc.
Project: SAURO'S
094048.010.011
Date Sampled: NA
Date Received: NA

Instrument/Analyst LCS: NT9/PAB
LCSD: NT9/PAB
Date Analyzed LCS: 04/06/09 10:57
LCSD: 04/06/09 12:20

Sample Amount LCS: 5.00 g-dry-wt
LCSD: 5.00 g-dry-wt
Purge Volume LCS: 5.0 mL
LCSD: 5.0 mL
Moisture: NA

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	45.4	50.0	90.8%	50.4	50.0	101%	10.4%
Bromomethane	47.4	50.0	94.8%	52.0	50.0	104%	9.3%
Vinyl Chloride	44.5	50.0	89.0%	49.7	50.0	99.4%	11.0%
Chloroethane	45.6	50.0	91.2%	49.9	50.0	99.8%	9.0%
Methylene Chloride	47.9	50.0	95.8%	49.4	50.0	98.8%	3.1%
Acetone	254	250	102%	259	250	104%	1.9%
Carbon Disulfide	47.2	50.0	94.4%	52.2	50.0	104%	10.1%
1,1-Dichloroethene	49.5	50.0	99.0%	54.5	50.0	109%	9.6%
1,1-Dichloroethane	46.3	50.0	92.6%	50.2	50.0	100%	8.1%
trans-1,2-Dichloroethene	46.7	50.0	93.4%	51.2	50.0	102%	9.2%
cis-1,2-Dichloroethene	47.1	50.0	94.2%	50.4	50.0	101%	6.8%
Chloroform	45.5	50.0	91.0%	48.0	50.0	96.0%	5.3%
1,2-Dichloroethane	46.6	50.0	93.2%	48.7	50.0	97.4%	4.4%
2-Butanone	260	250	104%	267	250	107%	2.7%
1,1,1-Trichloroethane	46.8	50.0	93.6%	50.4	50.0	101%	7.4%
Carbon Tetrachloride	46.0	50.0	92.0%	49.0	50.0	98.0%	6.3%
Vinyl Acetate	49.0	50.0	98.0%	50.1	50.0	100%	2.2%
Bromodichloromethane	47.0	50.0	94.0%	49.8	50.0	99.6%	5.8%
1,2-Dichloropropane	46.7	50.0	93.4%	50.2	50.0	100%	7.2%
cis-1,3-Dichloropropene	47.1	50.0	94.2%	49.8	50.0	99.6%	5.6%
Trichloroethene	49.6	50.0	99.2%	53.4	50.0	107%	7.4%
Dibromochloromethane	50.1	50.0	100%	52.4	50.0	105%	4.5%
1,1,2-Trichloroethane	47.9	50.0	95.8%	50.1	50.0	100%	4.5%
Benzene	44.8	50.0	89.6%	48.3	50.0	96.6%	7.5%
trans-1,3-Dichloropropene	48.2	50.0	96.4%	50.9	50.0	102%	5.4%
2-Chloroethylvinylether	41.2	50.0	82.4%	44.3	50.0	88.6%	7.3%
Bromoform	53.9	50.0	108%	55.8	50.0	112%	3.5%
4-Methyl-2-Pentanone (MIBK)	272	250	109%	280	250	112%	2.9%
2-Hexanone	242	250	96.8%	255	250	102%	5.2%
Tetrachloroethene	47.0	50.0	94.0%	51.1	50.0	102%	8.4%
1,1,2,2-Tetrachloroethane	48.5	50.0	97.0%	50.4	50.0	101%	3.8%
Toluene	45.2	50.0	90.4%	48.7	50.0	97.4%	7.5%
Chlorobenzene	45.2	50.0	90.4%	48.7	50.0	97.4%	7.5%
Ethylbenzene	44.3	50.0	88.6%	48.6	50.0	97.2%	9.3%
Styrene	48.3	50.0	96.6%	52.3	50.0	105%	8.0%
Trichlorofluoromethane	45.3	50.0	90.6%	49.1	50.0	98.2%	8.1%
1,1,2-Trichloro-1,2,2-trifluoroetha	54.5	50.0	109%	59.6	50.0	119%	8.9%
m,p-Xylene	91.3	100	91.3%	98.9	100	98.9%	8.0%
o-Xylene	45.8	50.0	91.6%	49.5	50.0	99.0%	7.8%
1,2-Dichlorobenzene	46.9	50.0	93.8%	50.7	50.0	101%	7.8%
1,3-Dichlorobenzene	47.5	50.0	95.0%	51.8	50.0	104%	8.7%
1,4-Dichlorobenzene	47.9	50.0	95.8%	51.7	50.0	103%	7.6%
Acrolein	271	250	108%	270	250	108%	0.4%
Methyl Iodide	50.9	50.0	102%	55.1	50.0	110%	7.9%
Bromoethane	50.6	50.0	101%	54.8	50.0	110%	8.0%
Acrylonitrile	53.6	50.0	107%	54.4	50.0	109%	1.5%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LCS-040609**
 LAB CONTROL SAMPLE

Lab Sample ID: LCS-040609
LIMS ID: 09-8590
Matrix: Soil

QC Report No: OU15-Landau Associates, Inc.
Project: SAURO'S
094048.010.011

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
1,1-Dichloropropene	45.7	50.0	91.4%	49.6	50.0	99.2%	8.2%
Dibromomethane	49.3	50.0	98.6%	51.2	50.0	102%	3.8%
1,1,1,2-Tetrachloroethane	50.6	50.0	101%	53.6	50.0	107%	5.8%
1,2-Dibromo-3-chloropropane	50.9	50.0	102%	52.9	50.0	106%	3.9%
1,2,3-Trichloropropane	49.6	50.0	99.2%	50.9	50.0	102%	2.6%
trans-1,4-Dichloro-2-butene	53.4	50.0	107%	54.2	50.0	108%	1.5%
1,3,5-Trimethylbenzene	46.6	50.0	93.2%	50.8	50.0	102%	8.6%
1,2,4-Trimethylbenzene	46.6	50.0	93.2%	51.3	50.0	103%	9.6%
Hexachlorobutadiene	47.4	50.0	94.8%	53.3	50.0	107%	11.7%
Ethylene Dibromide	49.2	50.0	98.4%	50.6	50.0	101%	2.8%
Bromochloromethane	50.7	50.0	101%	52.5	50.0	105%	3.5%
2,2-Dichloropropane	47.0	50.0	94.0%	51.4	50.0	103%	8.9%
1,3-Dichloropropane	46.9	50.0	93.8%	49.1	50.0	98.2%	4.6%
Isopropylbenzene	47.2	50.0	94.4%	51.7	50.0	103%	9.1%
n-Propylbenzene	47.9	50.0	95.8%	52.7	50.0	105%	9.5%
Bromobenzene	49.3	50.0	98.6%	52.8	50.0	106%	6.9%
2-Chlorotoluene	47.5	50.0	95.0%	51.7	50.0	103%	8.5%
4-Chlorotoluene	49.5	50.0	99.0%	53.9	50.0	108%	8.5%
tert-Butylbenzene	45.2	50.0	90.4%	50.0	50.0	100%	10.1%
sec-Butylbenzene	45.9	50.0	91.8%	50.8	50.0	102%	10.1%
4-Isopropyltoluene	47.2	50.0	94.4%	52.2	50.0	104%	10.1%
n-Butylbenzene	47.2	50.0	94.4%	52.8	50.0	106%	11.2%
1,2,4-Trichlorobenzene	51.0	50.0	102%	56.0	50.0	112%	9.3%
Naphthalene	48.3	50.0	96.6%	51.2	50.0	102%	5.8%
1,2,3-Trichlorobenzene	49.1	50.0	98.2%	53.9	50.0	108%	9.3%

Reported in µg/kg (ppb)

RPD calculated using sample concentrations per SW846.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	100%	98.4%
d8-Toluene	98.9%	99.1%
Bromofluorobenzene	103%	102%
d4-1,2-Dichlorobenzene	101%	99.7%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LCS-040709**
Page 1 of 2 **LAB CONTROL SAMPLE**

Lab Sample ID: LCS-040709
LIMS ID: 09-8589
Matrix: Soil
Data Release Authorized:
Reported: 04/09/09

QC Report No: OU15-Landau Associates, Inc.
Project: SAURO'S
094048.010.011
Date Sampled: NA
Date Received: NA

Instrument/Analyst LCS: NT9/PAB
LCSD: NT9/PAB
Date Analyzed LCS: 04/07/09 10:11
LCSD: 04/07/09 10:38

Sample Amount LCS: 5.00 g-dry-wt
LCSD: 5.00 g-dry-wt
Purge Volume LCS: 5.0 mL
LCSD: 5.0 mL
Moisture: NA

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	46.5	50.0	93.0%	47.1	50.0	94.2%	1.3%
Bromomethane	50.3	50.0	101%	50.1	50.0	100%	0.4%
Vinyl Chloride	46.5	50.0	93.0%	47.4	50.0	94.8%	1.9%
Chloroethane	47.2	50.0	94.4%	47.8	50.0	95.6%	1.3%
Methylene Chloride	50.5	50.0	101%	50.5	50.0	101%	0.0%
Acetone	232	250	92.8%	265	250	106%	13.3%
Carbon Disulfide	49.7	50.0	99.4%	49.5	50.0	99.0%	0.4%
1,1-Dichloroethene	52.3	50.0	105%	51.9	50.0	104%	0.8%
1,1-Dichloroethane	48.0	50.0	96.0%	48.1	50.0	96.2%	0.2%
trans-1,2-Dichloroethene	49.8	50.0	99.6%	49.6	50.0	99.2%	0.4%
cis-1,2-Dichloroethene	49.4	50.0	98.8%	49.4	50.0	98.8%	0.0%
Chloroform	47.7	50.0	95.4%	48.4	50.0	96.8%	1.5%
1,2-Dichloroethane	47.9	50.0	95.8%	49.0	50.0	98.0%	2.3%
2-Butanone	247	250	98.8%	280	250	112%	12.5%
1,1,1-Trichloroethane	49.5	50.0	99.0%	49.9	50.0	99.8%	0.8%
Carbon Tetrachloride	49.0	50.0	98.0%	48.9	50.0	97.8%	0.2%
Vinyl Acetate	47.4	50.0	94.8%	50.8	50.0	102%	6.9%
Bromodichloromethane	49.4	50.0	98.8%	49.9	50.0	99.8%	1.0%
1,2-Dichloropropane	48.2	50.0	96.4%	48.7	50.0	97.4%	1.0%
cis-1,3-Dichloropropene	48.8	50.0	97.6%	49.8	50.0	99.6%	2.0%
Trichloroethene	52.7	50.0	105%	52.0	50.0	104%	1.3%
Dibromochloromethane	53.0	50.0	106%	54.2	50.0	108%	2.2%
1,1,2-Trichloroethane	49.2	50.0	98.4%	51.6	50.0	103%	4.8%
Benzene	47.3	50.0	94.6%	47.5	50.0	95.0%	0.4%
trans-1,3-Dichloropropene	49.7	50.0	99.4%	50.6	50.0	101%	1.8%
2-Chloroethylvinylether	41.3	50.0	82.6%	49.4	50.0	98.8%	17.9%
Bromoform	54.7	50.0	109%	57.6	50.0	115%	5.2%
4-Methyl-2-Pentanone (MIBK)	261	250	104%	298	250	119%	13.2%
2-Hexanone	231	250	92.4%	266	250	106%	14.1%
Tetrachloroethene	51.3	50.0	103%	49.8	50.0	99.6%	3.0%
1,1,2,2-Tetrachloroethane	47.2	50.0	94.4%	51.2	50.0	102%	8.1%
Toluene	47.8	50.0	95.6%	48.0	50.0	96.0%	0.4%
Chlorobenzene	48.2	50.0	96.4%	47.7	50.0	95.4%	1.0%
Ethylbenzene	47.1	50.0	94.2%	47.7	50.0	95.4%	1.3%
Styrene	52.0	50.0	104%	51.6	50.0	103%	0.8%
Trichlorofluoromethane	47.9	50.0	95.8%	47.9	50.0	95.8%	0.0%
1,1,2-Trichloro-1,2,2-trifluoroetha	58.5	50.0	117%	55.9	50.0	112%	4.5%
m,p-Xylene	98.5	100	98.5%	96.2	100	96.2%	2.4%
o-Xylene	49.3	50.0	98.6%	49.0	50.0	98.0%	0.6%
1,2-Dichlorobenzene	48.8	50.0	97.6%	48.9	50.0	97.8%	0.2%
1,3-Dichlorobenzene	49.7	50.0	99.4%	48.6	50.0	97.2%	2.2%
1,4-Dichlorobenzene	49.9	50.0	99.8%	49.2	50.0	98.4%	1.4%
Acrolein	253	250	101%	280	250	112%	10.1%
Methyl Iodide	54.1	50.0	108%	54.2	50.0	108%	0.2%
Bromoethane	53.1	50.0	106%	53.6	50.0	107%	0.9%
Acrylonitrile	51.1	50.0	102%	56.4	50.0	113%	9.9%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LCS-040709**
 LAB CONTROL SAMPLE

Lab Sample ID: LCS-040709 QC Report No: OU15-Landau Associates, Inc.
LIMS ID: 09-8589 Project: SAURO'S
Matrix: Soil 094048.010.011

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
1,1-Dichloropropene	48.5	50.0	97.0%	48.0	50.0	96.0%	1.0%
Dibromomethane	50.4	50.0	101%	52.8	50.0	106%	4.7%
1,1,1,2-Tetrachloroethane	53.9	50.0	108%	53.8	50.0	108%	0.2%
1,2-Dibromo-3-chloropropane	49.1	50.0	98.2%	55.8	50.0	112%	12.8%
1,2,3-Trichloropropane	48.0	50.0	96.0%	51.9	50.0	104%	7.8%
trans-1,4-Dichloro-2-butene	51.0	50.0	102%	56.0	50.0	112%	9.3%
1,3,5-Trimethylbenzene	48.5	50.0	97.0%	47.8	50.0	95.6%	1.5%
1,2,4-Trimethylbenzene	48.8	50.0	97.6%	48.3	50.0	96.6%	1.0%
Hexachlorobutadiene	52.5	50.0	105%	53.1	50.0	106%	1.1%
Ethylene Dibromide	50.3	50.0	101%	53.0	50.0	106%	5.2%
Bromochloromethane	52.4	50.0	105%	53.4	50.0	107%	1.9%
2,2-Dichloropropane	49.5	50.0	99.0%	49.4	50.0	98.8%	0.2%
1,3-Dichloropropane	48.4	50.0	96.8%	49.9	50.0	99.8%	3.1%
Isopropylbenzene	49.4	50.0	98.8%	48.8	50.0	97.6%	1.2%
n-Propylbenzene	50.0	50.0	100%	49.1	50.0	98.2%	1.8%
Bromobenzene	51.4	50.0	103%	51.1	50.0	102%	0.6%
2-Chlorotoluene	48.9	50.0	97.8%	48.5	50.0	97.0%	0.8%
4-Chlorotoluene	51.4	50.0	103%	50.5	50.0	101%	1.8%
tert-Butylbenzene	47.3	50.0	94.6%	47.1	50.0	94.2%	0.4%
sec-Butylbenzene	48.2	50.0	96.4%	47.5	50.0	95.0%	1.5%
4-Isopropyltoluene	49.8	50.0	99.6%	49.0	50.0	98.0%	1.6%
n-Butylbenzene	49.7	50.0	99.4%	48.6	50.0	97.2%	2.2%
1,2,4-Trichlorobenzene	53.5	50.0	107%	53.6	50.0	107%	0.2%
Naphthalene	47.3	50.0	94.6%	53.7	50.0	107%	12.7%
1,2,3-Trichlorobenzene	50.8	50.0	102%	53.5	50.0	107%	5.2%

Reported in µg/kg (ppb)

RPD calculated using sample concentrations per SW846.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	96.3%	99.1%
d8-Toluene	98.4%	98.8%
Bromofluorobenzene	104%	103%
d4-1,2-Dichlorobenzene	99.6%	101%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LCS-040709**
 LAB CONTROL SAMPLE

Lab Sample ID: LCS-040709
LIMS ID: 09-8593
Matrix: Soil
Data Release Authorized:
Reported: 04/09/09

QC Report No: OU15-Landau Associates, Inc.
Project: SAURO'S
094048.010.011
Date Sampled: NA
Date Received: NA

Instrument/Analyst LCS: NT9/PAB
LCSD: NT9/PAB
Date Analyzed LCS: 04/07/09 10:11
LCSD: 04/07/09 10:38

Sample Amount LCS: 100 mg-dry-wt
LCSD: 100 mg-dry-wt
Purge Volume LCS: 5.0 mL
LCSD: 5.0 mL
Moisture: NA

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	2320	2500	92.8%	2360	2500	94.4%	1.7%
Bromomethane	2520	2500	101%	2500	2500	100%	0.8%
Vinyl Chloride	2320	2500	92.8%	2370	2500	94.8%	2.1%
Chloroethane	2360	2500	94.4%	2390	2500	95.6%	1.3%
Methylene Chloride	2530	2500	101%	2520	2500	101%	0.4%
Acetone	11600	12500	92.8%	13200	12500	106%	12.9%
Carbon Disulfide	2480	2500	99.2%	2470	2500	98.8%	0.4%
1,1-Dichloroethene	2610	2500	104%	2600	2500	104%	0.4%
1,1-Dichloroethane	2400	2500	96.0%	2410	2500	96.4%	0.4%
trans-1,2-Dichloroethene	2490	2500	99.6%	2480	2500	99.2%	0.4%
cis-1,2-Dichloroethene	2470	2500	98.8%	2470	2500	98.8%	0.0%
Chloroform	2390	2500	95.6%	2420	2500	96.8%	1.2%
1,2-Dichloroethane	2390	2500	95.6%	2450	2500	98.0%	2.5%
2-Butanone	12400	12500	99.2%	14000	12500	112%	12.1%
1,1,1-Trichloroethane	2470	2500	98.8%	2500	2500	100%	1.2%
Carbon Tetrachloride	2450	2500	98.0%	2450	2500	98.0%	0.0%
Vinyl Acetate	2370	2500	94.8%	2540	2500	102%	6.9%
Bromodichloromethane	2470	2500	98.8%	2500	2500	100%	1.2%
1,2-Dichloropropane	2410	2500	96.4%	2430	2500	97.2%	0.8%
cis-1,3-Dichloropropene	2440	2500	97.6%	2490	2500	99.6%	2.0%
Trichloroethene	2640	2500	106%	2600	2500	104%	1.5%
Dibromochloromethane	2650	2500	106%	2710	2500	108%	2.2%
1,1,2-Trichloroethane	2460	2500	98.4%	2580	2500	103%	4.8%
Benzene	2370	2500	94.8%	2370	2500	94.8%	0.0%
trans-1,3-Dichloropropene	2490	2500	99.6%	2530	2500	101%	1.6%
2-Chloroethylvinylether	2070	2500	82.8%	2470	2500	98.8%	17.6%
Bromoform	2740	2500	110%	2880	2500	115%	5.0%
4-Methyl-2-Pentanone (MIBK)	13000	12500	104%	14900	12500	119%	13.6%
2-Hexanone	11600	12500	92.8%	13300	12500	106%	13.7%
Tetrachloroethene	2560	2500	102%	2490	2500	99.6%	2.8%
1,1,2,2-Tetrachloroethane	2360	2500	94.4%	2560	2500	102%	8.1%
Toluene	2390	2500	95.6%	2400	2500	96.0%	0.4%
Chlorobenzene	2410	2500	96.4%	2380	2500	95.2%	1.3%
Ethylbenzene	2360	2500	94.4%	2390	2500	95.6%	1.3%
Styrene	2600	2500	104%	2580	2500	103%	0.8%
Trichlorofluoromethane	2400	2500	96.0%	2400	2500	96.0%	0.0%
1,1,2-Trichloro-1,2,2-trifluoroetha	2930	2500	117%	2790	2500	112%	4.9%
m,p-Xylene	4930	5000	98.6%	4810	5000	96.2%	2.5%
o-Xylene	2460	2500	98.4%	2450	2500	98.0%	0.4%
1,2-Dichlorobenzene	2440	2500	97.6%	2450	2500	98.0%	0.4%
1,3-Dichlorobenzene	2480	2500	99.2%	2430	2500	97.2%	2.0%
1,4-Dichlorobenzene	2500	2500	100%	2460	2500	98.4%	1.6%
Acrolein	12600	12500	101%	14000	12500	112%	10.5%
Methyl Iodide	2700	2500	108%	2710	2500	108%	0.4%
Bromoethane	2650	2500	106%	2680	2500	107%	1.1%
Acrylonitrile	2560	2500	102%	2820	2500	113%	9.7%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LCS-040709**
 LAB CONTROL SAMPLE

Lab Sample ID: LCS-040709 QC Report No: OU15-Landau Associates, Inc.
LIMS ID: 09-8593 Project: SAURO'S
Matrix: Soil 094048.010.011

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
1,1-Dichloropropene	2420	2500	96.8%	2400	2500	96.0%	0.8%
Dibromomethane	2520	2500	101%	2640	2500	106%	4.7%
1,1,1,2-Tetrachloroethane	2700	2500	108%	2690	2500	108%	0.4%
1,2-Dibromo-3-chloropropane	2450	2500	98.0%	2790	2500	112%	13.0%
1,2,3-Trichloropropane	2400	2500	96.0%	2600	2500	104%	8.0%
trans-1,4-Dichloro-2-butene	2550	2500	102%	2800	2500	112%	9.3%
1,3,5-Trimethylbenzene	2430	2500	97.2%	2390	2500	95.6%	1.7%
1,2,4-Trimethylbenzene	2440	2500	97.6%	2410	2500	96.4%	1.2%
Hexachlorobutadiene	2620	2500	105%	2650	2500	106%	1.1%
Ethylene Dibromide	2510	2500	100%	2650	2500	106%	5.4%
Bromochloromethane	2620	2500	105%	2670	2500	107%	1.9%
2,2-Dichloropropane	2480	2500	99.2%	2470	2500	98.8%	0.4%
1,3-Dichloropropane	2420	2500	96.8%	2490	2500	99.6%	2.9%
Isopropylbenzene	2470	2500	98.8%	2440	2500	97.6%	1.2%
n-Propylbenzene	2500	2500	100%	2450	2500	98.0%	2.0%
Bromobenzene	2570	2500	103%	2560	2500	102%	0.4%
2-Chlorotoluene	2440	2500	97.6%	2420	2500	96.8%	0.8%
4-Chlorotoluene	2570	2500	103%	2520	2500	101%	2.0%
tert-Butylbenzene	2360	2500	94.4%	2360	2500	94.4%	0.0%
sec-Butylbenzene	2410	2500	96.4%	2380	2500	95.2%	1.3%
4-Isopropyltoluene	2490	2500	99.6%	2450	2500	98.0%	1.6%
n-Butylbenzene	2480	2500	99.2%	2430	2500	97.2%	2.0%
1,2,4-Trichlorobenzene	2670	2500	107%	2680	2500	107%	0.4%
Naphthalene	2370	2500	94.8%	2690	2500	108%	12.6%
1,2,3-Trichlorobenzene	2540	2500	102%	2670	2500	107%	5.0%

Reported in µg/kg (ppb)

RPD calculated using sample concentrations per SW846.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	96.3%	99.1%
d8-Toluene	98.4%	98.8%
Bromofluorobenzene	104%	103%
d4-1,2-Dichlorobenzene	99.6%	101%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P4-13.0**
Page 1 of 2 **MATRIX SPIKE**

Lab Sample ID: OU15I
LIMS ID: 09-8593
Matrix: Soil
Data Release Authorized:
Reported: 04/09/09

QC Report No: OU15-Landau Associates, Inc.
Project: SAURO'S
094048.010.011
Date Sampled: 04/03/09
Date Received: 04/06/09

Instrument/Analyst MS: NT9/PAB
MSD: NT9/PAB
Date Analyzed MS: 04/07/09 14:59
MSD: 04/07/09 15:36

Sample Amount MS: 121 mg-dry-wt
MSD: 121 mg-dry-wt
Purge Volume MS: 5.0 mL
MSD: 5.0 mL
Moisture: 14.7%

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Chloromethane	< 41.2 U	906	2070	43.8%	2050	2070	99.0%	77.4%
Bromomethane	< 41.2 U	1900	2070	91.8%	1970	2070	95.2%	3.6%
Vinyl Chloride	< 41.2 U	2020	2070	97.6%	2040	2070	98.6%	1.0%
Chloroethane	< 41.2 U	1830	2070	88.4%	1930	2070	93.2%	5.3%
Methylene Chloride	103 B	1280	2070	56.9%	1920	2070	87.8%	40.0%
Acetone	< 206 U	7210	10300	70.0%	7110	10300	69.0%	1.4%
Carbon Disulfide	< 41.2 U	1280	2070	61.8%	1290	2070	62.3%	0.8%
1,1-Dichloroethene	< 41.2 U	1450	2070	70.0%	1480	2070	71.5%	2.0%
1,1-Dichloroethane	< 41.2 U	1990	2070	96.1%	1980	2070	95.7%	0.5%
trans-1,2-Dichloroethene	< 41.2 U	1340	2070	64.7%	2000	2070	96.6%	39.5%
cis-1,2-Dichloroethene	< 41.2 U	2020	2070	97.6%	2000	2070	96.6%	1.0%
Chloroform	< 41.2 U	1990	2070	96.1%	1960	2070	94.7%	1.5%
1,2-Dichloroethane	< 41.2 U	2020	2070	97.6%	1780	2070	86.0%	12.6%
2-Butanone	< 206 U	12300	10300	119%	8100	10300	78.6%	41.2%
1,1,1-Trichloroethane	< 41.2 U	2030	2070	98.1%	2080	2070	100%	2.4%
Carbon Tetrachloride	< 41.2 U	1890	2070	91.3%	2030	2070	98.1%	7.1%
Vinyl Acetate	< 206 U	2130	2070	103%	1570	2070	75.8%	30.3%
Bromodichloromethane	< 41.2 U	2010	2070	97.1%	1910	2070	92.3%	5.1%
1,2-Dichloropropane	< 41.2 U	2020	2070	97.6%	1970	2070	95.2%	2.5%
cis-1,3-Dichloropropene	< 41.2 U	2000	2070	96.6%	1880	2070	90.8%	6.2%
Trichloroethene	< 41.2 U	1900	2070	91.8%	2160	2070	104%	12.8%
Dibromochloromethane	< 41.2 U	2190	2070	106%	1890	2070	91.3%	14.7%
1,1,2-Trichloroethane	< 41.2 U	1940	2070	93.7%	1700	2070	82.1%	13.2%
Benzene	< 41.2 U	1940	2070	93.7%	1980	2070	95.7%	2.0%
trans-1,3-Dichloropropene	< 41.2 U	2020	2070	97.6%	1800	2070	87.0%	11.5%
2-Chloroethylvinylether	< 206 U	2600	2070	126%	1670	2070	80.7%	43.6%
Bromoform	< 41.2 U	620	2070	30.0%	1060	2070	51.2%	52.4%
4-Methyl-2-Pentanone (MIBK)	< 206 U	8320	10300	80.8%	5890	10300	57.2%	34.2%
2-Hexanone	< 206 U	3270	10300	31.7%	3460	10300	33.6%	5.6%
Tetrachloroethene	747	3180	2070	118%	2980	2070	108%	6.5%
1,1,2,2-Tetrachloroethane	< 41.2 U	2140	2070	103%	1790	2070	86.5%	17.8%
Toluene	< 41.2 U	1940	2070	93.7%	1950	2070	94.2%	0.5%
Chlorobenzene	< 41.2 U	2120	2070	102%	2110	2070	102%	0.5%
Ethylbenzene	< 41.2 U	2270	2070	110%	2190	2070	106%	3.6%
Styrene	< 41.2 U	1540	2070	74.4%	1370	2070	66.2%	11.7%
Trichlorofluoromethane	< 41.2 U	1920	2070	92.8%	1960	2070	94.7%	2.1%
1,1,2-Trichloro-1,2,2-trifl	< 82.5 U	1510	2070	72.9%	1500	2070	72.5%	0.7%
m,p-Xylene	< 41.2 U	4690	4130	114%	4260	4130	103%	9.6%
o-Xylene	< 41.2 U	1900	2070	91.8%	1680	2070	81.2%	12.3%
1,2-Dichlorobenzene	< 41.2 U	2040	2070	98.6%	1900	2070	91.8%	7.1%
1,3-Dichlorobenzene	< 41.2 U	1660	2070	80.2%	1900	2070	91.8%	13.5%
1,4-Dichlorobenzene	< 41.2 U	1800	2070	87.0%	1870	2070	90.3%	3.8%
Acrolein	< 2060 U	6660	10300	64.7%	7320	10300	71.1%	9.4%
Methyl Iodide	< 41.2 U	1560	2070	75.4%	1640	2070	79.2%	5.0%
Bromoethane	< 82.5 U	1500	2070	72.5%	1580	2070	76.3%	5.2%
Acrylonitrile	< 206 U	2450	2070	118%	1590	2070	76.8%	42.6%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P4-13.0**
 MATRIX SPIKE

Lab Sample ID: OU15I
LIMS ID: 09-8593
Matrix: Soil

QC Report No: OU15-Landau Associates, Inc.
Project: SAURO'S
094048.010.011

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
1,1-Dichloropropene	< 41.2 U	1930	2070	93.2%	2000	2070	96.6%	3.6%
Dibromomethane	< 41.2 U	2160	2070	104%	1790	2070	86.5%	18.7%
1,1,1,2-Tetrachloroethane	< 41.2 U	1970	2070	95.2%	1870	2070	90.3%	5.2%
1,2-Dibromo-3-chloropropane	< 206 U	2450	2070	118%	1690	2070	81.6%	36.7%
1,2,3-Trichloropropane	< 82.5 U	2130	2070	103%	1830	2070	88.4%	15.2%
trans-1,4-Dichloro-2-butene	< 206 U	2090	2070	101%	1270	2070	61.4%	48.8%
1,3,5-Trimethylbenzene	< 41.2 U	1200	2070	58.0%	1290	2070	62.3%	7.2%
1,2,4-Trimethylbenzene	< 41.2 U	1310	2070	63.3%	2010	2070	97.1%	42.2%
Hexachlorobutadiene	< 206 U	1690	2070	81.6%	1920	2070	92.8%	12.7%
Ethylene Dibromide	< 41.2 U	2160	2070	104%	1740	2070	84.1%	21.5%
Bromochloromethane	< 41.2 U	2230	2070	108%	1940	2070	93.7%	13.9%
2,2-Dichloropropane	< 41.2 U	1990	2070	96.1%	2030	2070	98.1%	2.0%
1,3-Dichloropropane	< 41.2 U	2490	2070	120%	1980	2070	95.7%	22.8%
Isopropylbenzene	< 41.2 U	1000	2070	48.3%	1020	2070	49.3%	2.0%
n-Propylbenzene	< 41.2 U	1110	2070	53.6%	1200	2070	58.0%	7.8%
Bromobenzene	< 41.2 U	1080	2070	52.2%	1210	2070	58.5%	11.4%
2-Chlorotoluene	< 41.2 U	1310	2070	63.3%	1180	2070	57.0%	10.4%
4-Chlorotoluene	< 41.2 U	1340	2070	64.7%	1320	2070	63.8%	1.5%
tert-Butylbenzene	< 41.2 U	1300	2070	62.8%	2120	2070	102%	48.0%
sec-Butylbenzene	< 41.2 U	1580	2070	76.3%	2040	2070	98.6%	25.4%
4-Isopropyltoluene	< 41.2 U	1970	2070	95.2%	2010	2070	97.1%	2.0%
n-Butylbenzene	< 41.2 U	1870	2070	90.3%	1890	2070	91.3%	1.1%
1,2,4-Trichlorobenzene	< 206 U	1720	2070	83.1%	1650	2070	79.7%	4.2%
Naphthalene	< 206 U	1970	2070	95.2%	1650	2070	79.7%	17.7%
1,2,3-Trichlorobenzene	< 206 U	1690	2070	81.6%	1670	2070	80.7%	1.2%

Reported in µg/kg (ppb)

RPD calculated using sample concentrations per SW846.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

April 10, 2009

Jennifer Wynkoop
Landau Associates, Inc.
950 Pacific Ave # 515
Tacoma, WA 98402

RE: Project No: 094048.010.011
Project Name: Sauro's
ARI Job No: OU16

Dear Jennifer:

Please find enclosed copies of the chain of custodies (COC) and the final results from the project referenced above. Analytical Resources, Inc. accepted twenty soil samples and a trip blank in good condition on April 6, 2009. The samples were logged under two ARI SDGs (OU16 and OU15) based on sample volumes.

The samples were analyzed for VOCs, as requested on the COC.

The method blanks contained methylene chloride. All associated samples that contained methylene chloride have been flagged with a "B" qualifier.

There were no other anomalies associated with the samples.

A copy of these reports and all corresponding raw data will remain on file electronically with ARI. If you have any questions or require additional information, please contact me at your convenience.

Sincerely,

ANALYTICAL RESOURCES, INC.

Kelly Bottem
Client Services Manager
(206) 695-6211
kellyb@arilabs.com

Enclosures

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number:	Turn-around Requested: 5 day	Page: 1 of 2	
ARI Client Company: Landau	Phone:	Date: 4/3/09	Ice Present?
Client Contact: Jennifer Wyncoop		No. of Coolers:	Cooler Temps:
Client Project Name: Sauvie's			
Client Project #: 094048.010.011	Samplers: Nathan Moxley		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: VOC's	Notes/Comments
LAI-HA6-4.0	4/3/09	0835	Soil	3	X	
LAI-HA5-3.0		0845				
LAI-HA4-3.3		0900				
LAI-HA3-3.5		0915				
LAI-HA7-4.0		0935				
LAI-HA1-3.5		0950				
LAI-P4-3.0		1010				
LAI-P4-8.0		1015				
LAI-P4-13.0		1020				
LAI-P4-18.0		1025				

Comments/Special Instructions	Relinquished by: (Signature)	Received by: (Signature)	Relinquished by: (Signature)	Received by: (Signature)
	Printed Name: Nathan Moxley	Printed Name: Kelly Dotten	Printed Name:	Printed Name:
	Company: Landau	Company: ARI	Company:	Company:
	Date & Time: 4/6/09 @ 1230	Date & Time: 4/6/09 @ 12:30	Date & Time:	Date & Time:

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: All samples submitted to ARI will be appropriately discarded no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer, unless alternate retention schedules have been established by work-order or contract.

Chain of Custody Record & Laboratory Analysis Request

ARI Assigned Number: 0116	Turn-around Requested: 5 day	Page: 2 of 2	
ARI Client Company: Landau	Phone:	Date: 4/3/09	Ice Present?
Client Contact: Jennifer Wyncoop		No. of Coolers:	Cooler Temps:
Client Project Name: Sauris			
Client Project #: 094048.010.011	Samplers: Nathan Moxley		

Analytical Resources, Incorporated
Analytical Chemists and Consultants
4611 South 134th Place, Suite 100
Tukwila, WA 98168
206-695-6200 206-695-6201 (fax)

Sample ID	Date	Time	Matrix	No. Containers	Analysis Requested: VOC	Notes/Comments
LAI-P5-3.0	4/3/09	1100	Soil	3	X	
LAI-P5-8.7		1105				
LAI-P5-11.0		1110				
LAI-P5-14.0		1115				
LAI-P6-4.0		1140				
LAI-P6-8.0		1145				
LAI-P6-12.0		1150				
LAI-P10-5.5		1250				
LAI-P8-8.0		1440				
LAI-P8-12.0	↓	1445	↓	↓	↓	

Comments/Special Instructions

	Relinquished by:	Received by:	Relinquished by:	Received by:
(Signature)				
Printed Name:	Nathan Moxley	Kelly Dotten		
Company:	Landau	ARI		
Date & Time:	4/6/09 @ 1230	4/6/09 @ 12:30		

Limits of Liability: *ARI will perform all requested services in accordance with appropriate methodology following ARI Standard Operating Procedures and the ARI Quality Assurance Program. This program meets standards for the industry. The total liability of ARI, its officers, agents, employees, or successors, arising out of or in connection with the requested services, shall not exceed the Invoiced amount for said services. The acceptance by the client of a proposal for services by ARI release ARI from any liability in excess thereof, not withstanding any provision to the contrary in any contract, purchase order or co-signed agreement between ARI and the Client.*

Sample Retention Policy: All samples submitted to ARI will be appropriately discarded no sooner than 90 days after receipt or 60 days after submission of hardcopy data, whichever is longer, unless alternate retention schedules have been established by work-order or contract.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Landau

Project Name: Sauro's

COC No(s): _____ (NA)

Delivered by: Fed-Ex UPS Courier (Hand) Delivered Other: _____

Assigned ARI Job No: OU16

Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO
Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)	5.0	

If cooler temperature is out of compliance fill out form 00070F — Temp Gun ID#: 101886

Cooler Accepted by: ~~KW~~ KB Date: 4/6/09 Time: 1230

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ... Bubble Wrap (Wet Ice) Gel Packs Baggies (Foam Block) Paper Other: box			
Was sufficient ice used (if appropriate)?	NA	(YES)	NO
Were all bottles sealed in individual plastic bags?		YES	(NO)
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	NA	(YES)	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO

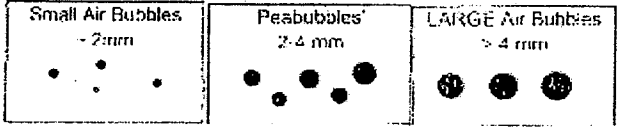
Samples Logged by: AV Date: 4/6/09 Time: 1435

***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm"
Peabubbles → "pb"
Large → "lg"
Headspace → "hs"

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P5-3.0**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OU16A
LIMS ID: 09-8608
Matrix: Soil
Data Release Authorized:
Reported: 04/09/09

QC Report No: OU16-Landau Associates, Inc.
Project: SAURO'S
094048.010.011
Date Sampled: 04/03/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/07/09 16:03

Sample Amount: 138 mg-dry-wt
Purge Volume: 5.0 mL
Moisture: 6.1%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	36	< 36	U
74-83-9	Bromomethane	36	< 36	U
75-01-4	Vinyl Chloride	36	< 36	U
75-00-3	Chloroethane	36	< 36	U
75-09-2	**Methylene Chloride**	**72**	**270**	**B**
67-64-1	Acetone	180	< 180	U
75-15-0	Carbon Disulfide	36	< 36	U
75-35-4	1,1-Dichloroethene	36	< 36	U
75-34-3	1,1-Dichloroethane	36	< 36	U
156-60-5	trans-1,2-Dichloroethene	36	< 36	U
156-59-2	cis-1,2-Dichloroethene	36	< 36	U
67-66-3	Chloroform	36	< 36	U
107-06-2	1,2-Dichloroethane	36	< 36	U
78-93-3	2-Butanone	180	< 180	U
71-55-6	1,1,1-Trichloroethane	36	< 36	U
56-23-5	Carbon Tetrachloride	36	< 36	U
108-05-4	Vinyl Acetate	180	< 180	U
75-27-4	Bromodichloromethane	36	< 36	U
78-87-5	1,2-Dichloropropane	36	< 36	U
10061-01-5	cis-1,3-Dichloropropene	36	< 36	U
79-01-6	Trichloroethene	36	< 36	U
124-48-1	Dibromochloromethane	36	< 36	U
79-00-5	1,1,2-Trichloroethane	36	< 36	U
71-43-2	Benzene	36	< 36	U
10061-02-6	trans-1,3-Dichloropropene	36	< 36	U
110-75-8	2-Chloroethylvinylether	180	< 180	U
75-25-2	Bromoform	36	< 36	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	180	< 180	U
591-78-6	2-Hexanone	180	< 180	U
127-18-4	**Tetrachloroethene**	**36**	**420**	
79-34-5	1,1,2,2-Tetrachloroethane	36	< 36	U
108-88-3	Toluene	36	< 36	U
108-90-7	Chlorobenzene	36	< 36	U
100-41-4	Ethylbenzene	36	< 36	U
100-42-5	Styrene	36	< 36	U
75-69-4	Trichlorofluoromethane	36	< 36	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	72	< 72	U
179601-23-1	m,p-Xylene	36	< 36	U
95-47-6	o-Xylene	36	< 36	U
95-50-1	1,2-Dichlorobenzene	36	< 36	U
541-73-1	1,3-Dichlorobenzene	36	< 36	U
106-46-7	1,4-Dichlorobenzene	36	< 36	U
107-02-8	Acrolein	1,800	< 1,800	U
74-88-4	Methyl Iodide	36	< 36	U
74-96-4	Bromoethane	72	< 72	U
107-13-1	Acrylonitrile	180	< 180	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P5-3.0**
 SAMPLE

Lab Sample ID: OU16A
LIMS ID: 09-8608
Matrix: Soil
Date Analyzed: 04/07/09 16:03

QC Report No: OU16-Landau Associates, Inc.
Project: SAURO'S
094048.010.011

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	36	< 36	U
74-95-3	Dibromomethane	36	< 36	U
630-20-6	1,1,1,2-Tetrachloroethane	36	< 36	U
96-12-8	1,2-Dibromo-3-chloropropane	180	< 180	U
96-18-4	1,2,3-Trichloropropane	72	< 72	U
110-57-6	trans-1,4-Dichloro-2-butene	180	< 180	U
108-67-8	1,3,5-Trimethylbenzene	36	< 36	U
95-63-6	1,2,4-Trimethylbenzene	36	< 36	U
87-68-3	Hexachlorobutadiene	180	< 180	U
106-93-4	Ethylene Dibromide	36	< 36	U
74-97-5	Bromochloromethane	36	< 36	U
594-20-7	2,2-Dichloropropane	36	< 36	U
142-28-9	1,3-Dichloropropane	36	< 36	U
98-82-8	Isopropylbenzene	36	< 36	U
103-65-1	n-Propylbenzene	36	< 36	U
108-86-1	Bromobenzene	36	< 36	U
95-49-8	2-Chlorotoluene	36	< 36	U
106-43-4	4-Chlorotoluene	36	< 36	U
98-06-6	tert-Butylbenzene	36	< 36	U
135-98-8	sec-Butylbenzene	36	< 36	U
99-87-6	4-Isopropyltoluene	36	< 36	U
104-51-8	n-Butylbenzene	36	< 36	U
120-82-1	1,2,4-Trichlorobenzene	180	< 180	U
91-20-3	Naphthalene	180	< 180	U
87-61-6	1,2,3-Trichlorobenzene	180	< 180	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	98.5%
d8-Toluene	98.3%
Bromofluorobenzene	103%
d4-1,2-Dichlorobenzene	100%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P5-8.7**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OU16B
LIMS ID: 09-8609
Matrix: Soil
Data Release Authorized:
Reported: 04/09/09

QC Report No: OU16-Landau Associates, Inc.
Project: SAURO'S
094048.010.011
Date Sampled: 04/03/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/07/09 16:32

Sample Amount: 144 mg-dry-wt
Purge Volume: 5.0 mL
Moisture: 9.7%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	35	< 35	U
74-83-9	Bromomethane	35	< 35	U
75-01-4	Vinyl Chloride	35	< 35	U
75-00-3	Chloroethane	35	< 35	U
75-09-2	**Methylene Chloride**	**69**	**270**	**B**
67-64-1	Acetone	170	< 170	U
75-15-0	Carbon Disulfide	35	< 35	U
75-35-4	1,1-Dichloroethene	35	< 35	U
75-34-3	1,1-Dichloroethane	35	< 35	U
156-60-5	trans-1,2-Dichloroethene	35	< 35	U
156-59-2	cis-1,2-Dichloroethene	35	< 35	U
67-66-3	Chloroform	35	< 35	U
107-06-2	1,2-Dichloroethane	35	< 35	U
78-93-3	2-Butanone	170	< 170	U
71-55-6	1,1,1-Trichloroethane	35	< 35	U
56-23-5	Carbon Tetrachloride	35	< 35	U
108-05-4	Vinyl Acetate	170	< 170	U
75-27-4	Bromodichloromethane	35	< 35	U
78-87-5	1,2-Dichloropropane	35	< 35	U
10061-01-5	cis-1,3-Dichloropropene	35	< 35	U
79-01-6	Trichloroethene	35	< 35	U
124-48-1	Dibromochloromethane	35	< 35	U
79-00-5	1,1,2-Trichloroethane	35	< 35	U
71-43-2	Benzene	35	< 35	U
10061-02-6	trans-1,3-Dichloropropene	35	< 35	U
110-75-8	2-Chloroethylvinylether	170	< 170	U
75-25-2	Bromoform	35	< 35	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	170	< 170	U
591-78-6	2-Hexanone	170	< 170	U
127-18-4	**Tetrachloroethene**	**35**	**830**	
79-34-5	1,1,2,2-Tetrachloroethane	35	< 35	U
108-88-3	Toluene	35	< 35	U
108-90-7	Chlorobenzene	35	< 35	U
100-41-4	Ethylbenzene	35	< 35	U
100-42-5	Styrene	35	< 35	U
75-69-4	Trichlorofluoromethane	35	< 35	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	69	< 69	U
179601-23-1	m,p-Xylene	35	< 35	U
95-47-6	o-Xylene	35	< 35	U
95-50-1	1,2-Dichlorobenzene	35	< 35	U
541-73-1	1,3-Dichlorobenzene	35	< 35	U
106-46-7	1,4-Dichlorobenzene	35	< 35	U
107-02-8	Acrolein	1,700	< 1,700	U
74-88-4	Methyl Iodide	35	< 35	U
74-96-4	Bromoethane	69	< 69	U
107-13-1	Acrylonitrile	170	< 170	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P5-8.7**
 SAMPLE

Lab Sample ID: OU16B
LIMS ID: 09-8609
Matrix: Soil
Date Analyzed: 04/07/09 16:32

QC Report No: OU16-Landau Associates, Inc.
Project: SAURO'S
094048.010.011

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	35	< 35	U
74-95-3	Dibromomethane	35	< 35	U
630-20-6	1,1,1,2-Tetrachloroethane	35	< 35	U
96-12-8	1,2-Dibromo-3-chloropropane	170	< 170	U
96-18-4	1,2,3-Trichloropropane	69	< 69	U
110-57-6	trans-1,4-Dichloro-2-butene	170	< 170	U
108-67-8	1,3,5-Trimethylbenzene	35	< 35	U
95-63-6	1,2,4-Trimethylbenzene	35	< 35	U
87-68-3	Hexachlorobutadiene	170	< 170	U
106-93-4	Ethylene Dibromide	35	< 35	U
74-97-5	Bromochloromethane	35	< 35	U
594-20-7	2,2-Dichloropropane	35	< 35	U
142-28-9	1,3-Dichloropropane	35	< 35	U
98-82-8	Isopropylbenzene	35	< 35	U
103-65-1	n-Propylbenzene	35	< 35	U
108-86-1	Bromobenzene	35	< 35	U
95-49-8	2-Chlorotoluene	35	< 35	U
106-43-4	4-Chlorotoluene	35	< 35	U
98-06-6	tert-Butylbenzene	35	< 35	U
135-98-8	sec-Butylbenzene	35	< 35	U
99-87-6	4-Isopropyltoluene	35	< 35	U
104-51-8	n-Butylbenzene	35	< 35	U
120-82-1	1,2,4-Trichlorobenzene	170	< 170	U
91-20-3	Naphthalene	170	< 170	U
87-61-6	1,2,3-Trichlorobenzene	170	< 170	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	97.1%
d8-Toluene	98.0%
Bromofluorobenzene	102%
d4-1,2-Dichlorobenzene	99.2%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P5-11.0**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OU16C
LIMS ID: 09-8610
Matrix: Soil
Data Release Authorized:
Reported: 04/09/09

QC Report No: OU16-Landau Associates, Inc.
Project: SAURO'S
094048.010.011
Date Sampled: 04/03/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/07/09 17:00

Sample Amount: 129 mg-dry-wt
Purge Volume: 5.0 mL
Moisture: 11.3%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	39	< 39	U
74-83-9	Bromomethane	39	< 39	U
75-01-4	Vinyl Chloride	39	< 39	U
75-00-3	Chloroethane	39	< 39	U
75-09-2	**Methylene Chloride**	**77**	**310**	**B**
67-64-1	Acetone	190	< 190	U
75-15-0	Carbon Disulfide	39	< 39	U
75-35-4	1,1-Dichloroethene	39	< 39	U
75-34-3	1,1-Dichloroethane	39	< 39	U
156-60-5	trans-1,2-Dichloroethene	39	< 39	U
156-59-2	cis-1,2-Dichloroethene	39	< 39	U
67-66-3	Chloroform	39	< 39	U
107-06-2	1,2-Dichloroethane	39	< 39	U
78-93-3	2-Butanone	190	< 190	U
71-55-6	1,1,1-Trichloroethane	39	< 39	U
56-23-5	Carbon Tetrachloride	39	< 39	U
108-05-4	Vinyl Acetate	190	< 190	U
75-27-4	Bromodichloromethane	39	< 39	U
78-87-5	1,2-Dichloropropane	39	< 39	U
10061-01-5	cis-1,3-Dichloropropene	39	< 39	U
79-01-6	Trichloroethene	39	< 39	U
124-48-1	Dibromochloromethane	39	< 39	U
79-00-5	1,1,2-Trichloroethane	39	< 39	U
71-43-2	Benzene	39	< 39	U
10061-02-6	trans-1,3-Dichloropropene	39	< 39	U
110-75-8	2-Chloroethylvinylether	190	< 190	U
75-25-2	Bromoform	39	< 39	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	190	< 190	U
591-78-6	2-Hexanone	190	< 190	U
127-18-4	**Tetrachloroethene**	**39**	**320**	
79-34-5	1,1,2,2-Tetrachloroethane	39	< 39	U
108-88-3	Toluene	39	< 39	U
108-90-7	Chlorobenzene	39	< 39	U
100-41-4	Ethylbenzene	39	< 39	U
100-42-5	Styrene	39	< 39	U
75-69-4	Trichlorofluoromethane	39	< 39	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	77	< 77	U
179601-23-1	m,p-Xylene	39	< 39	U
95-47-6	o-Xylene	39	< 39	U
95-50-1	1,2-Dichlorobenzene	39	< 39	U
541-73-1	1,3-Dichlorobenzene	39	< 39	U
106-46-7	1,4-Dichlorobenzene	39	< 39	U
107-02-8	Acrolein	1,900	< 1,900	U
74-88-4	Methyl Iodide	39	< 39	U
74-96-4	Bromoethane	77	< 77	U
107-13-1	Acrylonitrile	190	< 190	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P5-11.0**
 SAMPLE

Lab Sample ID: OU16C
LIMS ID: 09-8610
Matrix: Soil
Date Analyzed: 04/07/09 17:00

QC Report No: OU16-Landau Associates, Inc.
Project: SAURO'S
094048.010.011

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	39	< 39	U
74-95-3	Dibromomethane	39	< 39	U
630-20-6	1,1,1,2-Tetrachloroethane	39	< 39	U
96-12-8	1,2-Dibromo-3-chloropropane	190	< 190	U
96-18-4	1,2,3-Trichloropropane	77	< 77	U
110-57-6	trans-1,4-Dichloro-2-butene	190	< 190	U
108-67-8	1,3,5-Trimethylbenzene	39	< 39	U
95-63-6	1,2,4-Trimethylbenzene	39	< 39	U
87-68-3	Hexachlorobutadiene	190	< 190	U
106-93-4	Ethylene Dibromide	39	< 39	U
74-97-5	Bromochloromethane	39	< 39	U
594-20-7	2,2-Dichloropropane	39	< 39	U
142-28-9	1,3-Dichloropropane	39	< 39	U
98-82-8	Isopropylbenzene	39	< 39	U
103-65-1	n-Propylbenzene	39	< 39	U
108-86-1	Bromobenzene	39	< 39	U
95-49-8	2-Chlorotoluene	39	< 39	U
106-43-4	4-Chlorotoluene	39	< 39	U
98-06-6	tert-Butylbenzene	39	< 39	U
135-98-8	sec-Butylbenzene	39	< 39	U
99-87-6	4-Isopropyltoluene	39	< 39	U
104-51-8	n-Butylbenzene	39	< 39	U
120-82-1	1,2,4-Trichlorobenzene	190	< 190	U
91-20-3	Naphthalene	190	< 190	U
87-61-6	1,2,3-Trichlorobenzene	190	< 190	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	97.4%
d8-Toluene	98.3%
Bromofluorobenzene	112%
d4-1,2-Dichlorobenzene	99.5%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P5-14.0**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OU16D
LIMS ID: 09-8611
Matrix: Soil
Data Release Authorized:
Reported: 04/09/09

QC Report No: OU16-Landau Associates, Inc.
Project: SAURO'S
094048.010.011
Date Sampled: 04/03/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/07/09 17:27

Sample Amount: 101 mg-dry-wt
Purge Volume: 5.0 mL
Moisture: 20.2%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	50	< 50	U
74-83-9	Bromomethane	50	< 50	U
75-01-4	Vinyl Chloride	50	< 50	U
75-00-3	Chloroethane	50	< 50	U
75-09-2	**Methylene Chloride**	**99**	**360**	**B**
67-64-1	Acetone	250	< 250	U
75-15-0	Carbon Disulfide	50	< 50	U
75-35-4	1,1-Dichloroethene	50	< 50	U
75-34-3	1,1-Dichloroethane	50	< 50	U
156-60-5	trans-1,2-Dichloroethene	50	< 50	U
156-59-2	cis-1,2-Dichloroethene	50	< 50	U
67-66-3	Chloroform	50	< 50	U
107-06-2	1,2-Dichloroethane	50	< 50	U
78-93-3	2-Butanone	250	< 250	U
71-55-6	1,1,1-Trichloroethane	50	< 50	U
56-23-5	Carbon Tetrachloride	50	< 50	U
108-05-4	Vinyl Acetate	250	< 250	U
75-27-4	Bromodichloromethane	50	< 50	U
78-87-5	1,2-Dichloropropane	50	< 50	U
10061-01-5	cis-1,3-Dichloropropene	50	< 50	U
79-01-6	Trichloroethene	50	< 50	U
124-48-1	Dibromochloromethane	50	< 50	U
79-00-5	1,1,2-Trichloroethane	50	< 50	U
71-43-2	Benzene	50	< 50	U
10061-02-6	trans-1,3-Dichloropropene	50	< 50	U
110-75-8	2-Chloroethylvinylether	250	< 250	U
75-25-2	Bromoform	50	< 50	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	250	< 250	U
591-78-6	2-Hexanone	250	< 250	U
127-18-4	**Tetrachloroethene**	**50**	**1,100**	
79-34-5	1,1,2,2-Tetrachloroethane	50	< 50	U
108-88-3	Toluene	50	< 50	U
108-90-7	Chlorobenzene	50	< 50	U
100-41-4	Ethylbenzene	50	< 50	U
100-42-5	Styrene	50	< 50	U
75-69-4	Trichlorofluoromethane	50	< 50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	99	< 99	U
179601-23-1	m,p-Xylene	50	< 50	U
95-47-6	o-Xylene	50	< 50	U
95-50-1	1,2-Dichlorobenzene	50	< 50	U
541-73-1	1,3-Dichlorobenzene	50	< 50	U
106-46-7	1,4-Dichlorobenzene	50	< 50	U
107-02-8	Acrolein	2,500	< 2,500	U
74-88-4	Methyl Iodide	50	< 50	U
74-96-4	Bromoethane	99	< 99	U
107-13-1	Acrylonitrile	250	< 250	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P5-14.0**
 SAMPLE

Lab Sample ID: OU16D
LIMS ID: 09-8611
Matrix: Soil
Date Analyzed: 04/07/09 17:27

QC Report No: OU16-Landau Associates, Inc.
Project: SAURO'S
094048.010.011

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	50	< 50	U
74-95-3	Dibromomethane	50	< 50	U
630-20-6	1,1,1,2-Tetrachloroethane	50	< 50	U
96-12-8	1,2-Dibromo-3-chloropropane	250	< 250	U
96-18-4	1,2,3-Trichloropropane	99	< 99	U
110-57-6	trans-1,4-Dichloro-2-butene	250	< 250	U
108-67-8	1,3,5-Trimethylbenzene	50	< 50	U
95-63-6	1,2,4-Trimethylbenzene	50	< 50	U
87-68-3	Hexachlorobutadiene	250	< 250	U
106-93-4	Ethylene Dibromide	50	< 50	U
74-97-5	Bromochloromethane	50	< 50	U
594-20-7	2,2-Dichloropropane	50	< 50	U
142-28-9	1,3-Dichloropropane	50	< 50	U
98-82-8	Isopropylbenzene	50	< 50	U
103-65-1	n-Propylbenzene	50	< 50	U
108-86-1	Bromobenzene	50	< 50	U
95-49-8	2-Chlorotoluene	50	< 50	U
106-43-4	4-Chlorotoluene	50	< 50	U
98-06-6	tert-Butylbenzene	50	< 50	U
135-98-8	sec-Butylbenzene	50	< 50	U
99-87-6	4-Isopropyltoluene	50	< 50	U
104-51-8	n-Butylbenzene	50	< 50	U
120-82-1	1,2,4-Trichlorobenzene	250	< 250	U
91-20-3	Naphthalene	250	< 250	U
87-61-6	1,2,3-Trichlorobenzene	250	< 250	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	98.0%
d8-Toluene	98.3%
Bromofluorobenzene	104%
d4-1,2-Dichlorobenzene	100%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P6-4.0**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OU16E
LIMS ID: 09-8612
Matrix: Soil
Data Release Authorized:
Reported: 04/09/09

QC Report No: OU16-Landau Associates, Inc.
Project: SAURO'S
094048.010.011
Date Sampled: 04/03/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/07/09 17:55

Sample Amount: 71.5 mg-dry-wt
Purge Volume: 5.0 mL
Moisture: 9.1%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	70	< 70	U
74-83-9	Bromomethane	70	< 70	U
75-01-4	Vinyl Chloride	70	< 70	U
75-00-3	Chloroethane	70	< 70	U
75-09-2	**Methylene Chloride**	**140**	**450**	**B**
67-64-1	Acetone	350	< 350	U
75-15-0	Carbon Disulfide	70	< 70	U
75-35-4	1,1-Dichloroethene	70	< 70	U
75-34-3	1,1-Dichloroethane	70	< 70	U
156-60-5	trans-1,2-Dichloroethene	70	< 70	U
156-59-2	cis-1,2-Dichloroethene	70	< 70	U
67-66-3	Chloroform	70	< 70	U
107-06-2	1,2-Dichloroethane	70	< 70	U
78-93-3	2-Butanone	350	< 350	U
71-55-6	1,1,1-Trichloroethane	70	< 70	U
56-23-5	Carbon Tetrachloride	70	< 70	U
108-05-4	Vinyl Acetate	350	< 350	U
75-27-4	Bromodichloromethane	70	< 70	U
78-87-5	1,2-Dichloropropane	70	< 70	U
10061-01-5	cis-1,3-Dichloropropene	70	< 70	U
79-01-6	Trichloroethene	70	< 70	U
124-48-1	Dibromochloromethane	70	< 70	U
79-00-5	1,1,2-Trichloroethane	70	< 70	U
71-43-2	Benzene	70	< 70	U
10061-02-6	trans-1,3-Dichloropropene	70	< 70	U
110-75-8	2-Chloroethylvinylether	350	< 350	U
75-25-2	Bromoform	70	< 70	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	350	< 350	U
591-78-6	2-Hexanone	350	< 350	U
127-18-4	**Tetrachloroethene**	**70**	**1,700**	
79-34-5	1,1,2,2-Tetrachloroethane	70	< 70	U
108-88-3	Toluene	70	< 70	U
108-90-7	Chlorobenzene	70	< 70	U
100-41-4	Ethylbenzene	70	< 70	U
100-42-5	Styrene	70	< 70	U
75-69-4	Trichlorofluoromethane	70	< 70	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	140	< 140	U
179601-23-1	m,p-Xylene	70	< 70	U
95-47-6	o-Xylene	70	< 70	U
95-50-1	1,2-Dichlorobenzene	70	< 70	U
541-73-1	1,3-Dichlorobenzene	70	< 70	U
106-46-7	1,4-Dichlorobenzene	70	< 70	U
107-02-8	Acrolein	3,500	< 3,500	U
74-88-4	Methyl Iodide	70	< 70	U
74-96-4	Bromoethane	140	< 140	U
107-13-1	Acrylonitrile	350	< 350	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P6-4.0**
 SAMPLE

Lab Sample ID: OU16E
LIMS ID: 09-8612
Matrix: Soil
Date Analyzed: 04/07/09 17:55

QC Report No: OU16-Landau Associates, Inc.
Project: SAURO'S
094048.010.011

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	70	< 70	U
74-95-3	Dibromomethane	70	< 70	U
630-20-6	1,1,1,2-Tetrachloroethane	70	< 70	U
96-12-8	1,2-Dibromo-3-chloropropane	350	< 350	U
96-18-4	1,2,3-Trichloropropane	140	< 140	U
110-57-6	trans-1,4-Dichloro-2-butene	350	< 350	U
108-67-8	1,3,5-Trimethylbenzene	70	< 70	U
95-63-6	1,2,4-Trimethylbenzene	70	< 70	U
87-68-3	Hexachlorobutadiene	350	< 350	U
106-93-4	Ethylene Dibromide	70	< 70	U
74-97-5	Bromochloromethane	70	< 70	U
594-20-7	2,2-Dichloropropane	70	< 70	U
142-28-9	1,3-Dichloropropane	70	< 70	U
98-82-8	Isopropylbenzene	70	< 70	U
103-65-1	n-Propylbenzene	70	< 70	U
108-86-1	Bromobenzene	70	< 70	U
95-49-8	2-Chlorotoluene	70	< 70	U
106-43-4	4-Chlorotoluene	70	< 70	U
98-06-6	tert-Butylbenzene	70	< 70	U
135-98-8	sec-Butylbenzene	70	< 70	U
99-87-6	4-Isopropyltoluene	70	< 70	U
104-51-8	n-Butylbenzene	70	< 70	U
120-82-1	1,2,4-Trichlorobenzene	350	< 350	U
91-20-3	Naphthalene	350	< 350	U
87-61-6	1,2,3-Trichlorobenzene	350	< 350	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	97.9%
d8-Toluene	98.2%
Bromofluorobenzene	102%
d4-1,2-Dichlorobenzene	100%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P6-8.0**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OU16F
LIMS ID: 09-8613
Matrix: Soil
Data Release Authorized:
Reported: 04/09/09

QC Report No: OU16-Landau Associates, Inc.
Project: SAURO'S
094048.010.011
Date Sampled: 04/03/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/07/09 18:23

Sample Amount: 118 mg-dry-wt
Purge Volume: 5.0 mL
Moisture: 9.9%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	42	< 42	U
74-83-9	Bromomethane	42	< 42	U
75-01-4	Vinyl Chloride	42	< 42	U
75-00-3	Chloroethane	42	< 42	U
75-09-2	**Methylene Chloride**	**85**	**260**	**B**
67-64-1	Acetone	210	< 210	U
75-15-0	Carbon Disulfide	42	< 42	U
75-35-4	1,1-Dichloroethene	42	< 42	U
75-34-3	1,1-Dichloroethane	42	< 42	U
156-60-5	trans-1,2-Dichloroethene	42	< 42	U
156-59-2	cis-1,2-Dichloroethene	42	< 42	U
67-66-3	Chloroform	42	< 42	U
107-06-2	1,2-Dichloroethane	42	< 42	U
78-93-3	2-Butanone	210	< 210	U
71-55-6	1,1,1-Trichloroethane	42	< 42	U
56-23-5	Carbon Tetrachloride	42	< 42	U
108-05-4	Vinyl Acetate	210	< 210	U
75-27-4	Bromodichloromethane	42	< 42	U
78-87-5	1,2-Dichloropropane	42	< 42	U
10061-01-5	cis-1,3-Dichloropropene	42	< 42	U
79-01-6	**Trichloroethene**	**42**	**65**	
124-48-1	Dibromochloromethane	42	< 42	U
79-00-5	1,1,2-Trichloroethane	42	< 42	U
71-43-2	Benzene	42	< 42	U
10061-02-6	trans-1,3-Dichloropropene	42	< 42	U
110-75-8	2-Chloroethylvinylether	210	< 210	U
75-25-2	Bromoform	42	< 42	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	210	< 210	U
591-78-6	2-Hexanone	210	< 210	U
127-18-4	**Tetrachloroethene**	**42**	**3,200**	
79-34-5	1,1,2,2-Tetrachloroethane	42	< 42	U
108-88-3	Toluene	42	< 42	U
108-90-7	Chlorobenzene	42	< 42	U
100-41-4	Ethylbenzene	42	< 42	U
100-42-5	Styrene	42	< 42	U
75-69-4	Trichlorofluoromethane	42	< 42	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	85	< 85	U
179601-23-1	m,p-Xylene	42	< 42	U
95-47-6	o-Xylene	42	< 42	U
95-50-1	1,2-Dichlorobenzene	42	< 42	U
541-73-1	1,3-Dichlorobenzene	42	< 42	U
106-46-7	1,4-Dichlorobenzene	42	< 42	U
107-02-8	Acrolein	2,100	< 2,100	U
74-88-4	Methyl Iodide	42	< 42	U
74-96-4	Bromoethane	85	< 85	U
107-13-1	Acrylonitrile	210	< 210	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P6-8.0**
 SAMPLE

Lab Sample ID: OU16F QC Report No: OU16-Landau Associates, Inc.
LIMS ID: 09-8613 Project: SAURO'S
Matrix: Soil 094048.010.011
Date Analyzed: 04/07/09 18:23

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	42	< 42	U
74-95-3	Dibromomethane	42	< 42	U
630-20-6	1,1,1,2-Tetrachloroethane	42	< 42	U
96-12-8	1,2-Dibromo-3-chloropropane	210	< 210	U
96-18-4	1,2,3-Trichloropropane	85	< 85	U
110-57-6	trans-1,4-Dichloro-2-butene	210	< 210	U
108-67-8	1,3,5-Trimethylbenzene	42	< 42	U
95-63-6	1,2,4-Trimethylbenzene	42	< 42	U
87-68-3	Hexachlorobutadiene	210	< 210	U
106-93-4	Ethylene Dibromide	42	< 42	U
74-97-5	Bromochloromethane	42	< 42	U
594-20-7	2,2-Dichloropropane	42	< 42	U
142-28-9	1,3-Dichloropropane	42	< 42	U
98-82-8	Isopropylbenzene	42	< 42	U
103-65-1	n-Propylbenzene	42	< 42	U
108-86-1	Bromobenzene	42	< 42	U
95-49-8	2-Chlorotoluene	42	< 42	U
106-43-4	4-Chlorotoluene	42	< 42	U
98-06-6	tert-Butylbenzene	42	< 42	U
135-98-8	sec-Butylbenzene	42	< 42	U
99-87-6	4-Isopropyltoluene	42	< 42	U
104-51-8	n-Butylbenzene	42	< 42	U
120-82-1	1,2,4-Trichlorobenzene	210	< 210	U
91-20-3	Naphthalene	210	< 210	U
87-61-6	1,2,3-Trichlorobenzene	210	< 210	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	98.9%
d8-Toluene	98.2%
Bromofluorobenzene	103%
d4-1,2-Dichlorobenzene	101%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P6-12.0**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OU16G
LIMS ID: 09-8614
Matrix: Soil
Data Release Authorized:
Reported: 04/09/09

QC Report No: OU16-Landau Associates, Inc.
Project: SAURO'S
094048.010.011
Date Sampled: 04/03/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/07/09 18:51

Sample Amount: 106 mg-dry-wt
Purge Volume: 5.0 mL
Moisture: 17.9%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	47	< 47	U
74-83-9	Bromomethane	47	< 47	U
75-01-4	Vinyl Chloride	47	< 47	U
75-00-3	Chloroethane	47	< 47	U
75-09-2	**Methylene Chloride**	**95**	**300**	**B**
67-64-1	Acetone	240	< 240	U
75-15-0	Carbon Disulfide	47	< 47	U
75-35-4	1,1-Dichloroethene	47	< 47	U
75-34-3	1,1-Dichloroethane	47	< 47	U
156-60-5	trans-1,2-Dichloroethene	47	< 47	U
156-59-2	cis-1,2-Dichloroethene	47	< 47	U
67-66-3	Chloroform	47	< 47	U
107-06-2	1,2-Dichloroethane	47	< 47	U
78-93-3	2-Butanone	240	< 240	U
71-55-6	1,1,1-Trichloroethane	47	< 47	U
56-23-5	Carbon Tetrachloride	47	< 47	U
108-05-4	Vinyl Acetate	240	< 240	U
75-27-4	Bromodichloromethane	47	< 47	U
78-87-5	1,2-Dichloropropane	47	< 47	U
10061-01-5	cis-1,3-Dichloropropene	47	< 47	U
79-01-6	Trichloroethene	47	< 47	U
124-48-1	Dibromochloromethane	47	< 47	U
79-00-5	1,1,2-Trichloroethane	47	< 47	U
71-43-2	Benzene	47	< 47	U
10061-02-6	trans-1,3-Dichloropropene	47	< 47	U
110-75-8	2-Chloroethylvinylether	240	< 240	U
75-25-2	Bromoform	47	< 47	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	240	< 240	U
591-78-6	2-Hexanone	240	< 240	U
127-18-4	**Tetrachloroethene**	**47**	**380**	
79-34-5	1,1,2,2-Tetrachloroethane	47	< 47	U
108-88-3	Toluene	47	< 47	U
108-90-7	Chlorobenzene	47	< 47	U
100-41-4	Ethylbenzene	47	< 47	U
100-42-5	Styrene	47	< 47	U
75-69-4	Trichlorofluoromethane	47	< 47	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	95	< 95	U
179601-23-1	m,p-Xylene	47	< 47	U
95-47-6	o-Xylene	47	< 47	U
95-50-1	1,2-Dichlorobenzene	47	< 47	U
541-73-1	1,3-Dichlorobenzene	47	< 47	U
106-46-7	1,4-Dichlorobenzene	47	< 47	U
107-02-8	Acrolein	2,400	< 2,400	U
74-88-4	Methyl Iodide	47	< 47	U
74-96-4	Bromoethane	95	< 95	U
107-13-1	Acrylonitrile	240	< 240	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P6-12.0**
Page 2 of 2 **SAMPLE**

Lab Sample ID: OU16G QC Report No: OU16-Landau Associates, Inc.
LIMS ID: 09-8614 Project: SAURO'S
Matrix: Soil 094048.010.011
Date Analyzed: 04/07/09 18:51

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	47	< 47	U
74-95-3	Dibromomethane	47	< 47	U
630-20-6	1,1,1,2-Tetrachloroethane	47	< 47	U
96-12-8	1,2-Dibromo-3-chloropropane	240	< 240	U
96-18-4	1,2,3-Trichloropropane	95	< 95	U
110-57-6	trans-1,4-Dichloro-2-butene	240	< 240	U
108-67-8	1,3,5-Trimethylbenzene	47	< 47	U
95-63-6	1,2,4-Trimethylbenzene	47	< 47	U
87-68-3	Hexachlorobutadiene	240	< 240	U
106-93-4	Ethylene Dibromide	47	< 47	U
74-97-5	Bromochloromethane	47	< 47	U
594-20-7	2,2-Dichloropropane	47	< 47	U
142-28-9	1,3-Dichloropropane	47	< 47	U
98-82-8	Isopropylbenzene	47	< 47	U
103-65-1	n-Propylbenzene	47	< 47	U
108-86-1	Bromobenzene	47	< 47	U
95-49-8	2-Chlorotoluene	47	< 47	U
106-43-4	4-Chlorotoluene	47	< 47	U
98-06-6	tert-Butylbenzene	47	< 47	U
135-98-8	sec-Butylbenzene	47	< 47	U
99-87-6	4-Isopropyltoluene	47	< 47	U
104-51-8	n-Butylbenzene	47	< 47	U
120-82-1	1,2,4-Trichlorobenzene	240	< 240	U
91-20-3	Naphthalene	240	< 240	U
87-61-6	1,2,3-Trichlorobenzene	240	< 240	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	99.1%
d8-Toluene	98.3%
Bromofluorobenzene	104%
d4-1,2-Dichlorobenzene	100%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P10-5.5**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OU16H
LIMS ID: 09-8615
Matrix: Soil
Data Release Authorized:
Reported: 04/09/09

QC Report No: OU16-Landau Associates, Inc.
Project: SAURO'S
094048.010.011
Date Sampled: 04/03/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/07/09 19:19

Sample Amount: 63.0 mg-dry-wt
Purge Volume: 5.0 mL
Moisture: 32.6%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	79	< 79	U
74-83-9	Bromomethane	79	< 79	U
75-01-4	Vinyl Chloride	79	< 79	U
75-00-3	Chloroethane	79	< 79	U
75-09-2	**Methylene Chloride**	**160**	**590**	**B**
67-64-1	Acetone	400	< 400	U
75-15-0	Carbon Disulfide	79	< 79	U
75-35-4	1,1-Dichloroethene	79	< 79	U
75-34-3	1,1-Dichloroethane	79	< 79	U
156-60-5	trans-1,2-Dichloroethene	79	< 79	U
156-59-2	**cis-1,2-Dichloroethene**	**79**	**140**	
67-66-3	Chloroform	79	< 79	U
107-06-2	1,2-Dichloroethane	79	< 79	U
78-93-3	2-Butanone	400	< 400	U
71-55-6	1,1,1-Trichloroethane	79	< 79	U
56-23-5	Carbon Tetrachloride	79	< 79	U
108-05-4	Vinyl Acetate	400	< 400	U
75-27-4	Bromodichloromethane	79	< 79	U
78-87-5	1,2-Dichloropropane	79	< 79	U
10061-01-5	cis-1,3-Dichloropropene	79	< 79	U
79-01-6	**Trichloroethene**	**79**	**100**	
124-48-1	Dibromochloromethane	79	< 79	U
79-00-5	1,1,2-Trichloroethane	79	< 79	U
71-43-2	Benzene	79	< 79	U
10061-02-6	trans-1,3-Dichloropropene	79	< 79	U
110-75-8	2-Chloroethylvinylether	400	< 400	U
75-25-2	Bromoform	79	< 79	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	400	< 400	U
591-78-6	2-Hexanone	400	< 400	U
127-18-4	**Tetrachloroethene**	**79**	**430**	
79-34-5	1,1,2,2-Tetrachloroethane	79	< 79	U
108-88-3	Toluene	79	< 79	U
108-90-7	Chlorobenzene	79	< 79	U
100-41-4	Ethylbenzene	79	< 79	U
100-42-5	Styrene	79	< 79	U
75-69-4	Trichlorofluoromethane	79	< 79	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	160	< 160	U
179601-23-1	m,p-Xylene	79	< 79	U
95-47-6	o-Xylene	79	< 79	U
95-50-1	1,2-Dichlorobenzene	79	< 79	U
541-73-1	1,3-Dichlorobenzene	79	< 79	U
106-46-7	1,4-Dichlorobenzene	79	< 79	U
107-02-8	Acrolein	4,000	< 4,000	U
74-88-4	Methyl Iodide	79	< 79	U
74-96-4	Bromoethane	160	< 160	U
107-13-1	Acrylonitrile	400	< 400	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P10-5.5**
 SAMPLE

Lab Sample ID: OU16H
LIMS ID: 09-8615
Matrix: Soil
Date Analyzed: 04/07/09 19:19

QC Report No: OU16-Landau Associates, Inc.
Project: SAURO'S
094048.010.011

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	79	< 79	U
74-95-3	Dibromomethane	79	< 79	U
630-20-6	1,1,1,2-Tetrachloroethane	79	< 79	U
96-12-8	1,2-Dibromo-3-chloropropane	400	< 400	U
96-18-4	1,2,3-Trichloropropane	160	< 160	U
110-57-6	trans-1,4-Dichloro-2-butene	400	< 400	U
108-67-8	1,3,5-Trimethylbenzene	79	< 79	U
95-63-6	1,2,4-Trimethylbenzene	79	< 79	U
87-68-3	Hexachlorobutadiene	400	< 400	U
106-93-4	Ethylene Dibromide	79	< 79	U
74-97-5	Bromochloromethane	79	< 79	U
594-20-7	2,2-Dichloropropane	79	< 79	U
142-28-9	1,3-Dichloropropane	79	< 79	U
98-82-8	Isopropylbenzene	79	< 79	U
103-65-1	n-Propylbenzene	79	< 79	U
108-86-1	Bromobenzene	79	< 79	U
95-49-8	2-Chlorotoluene	79	< 79	U
106-43-4	4-Chlorotoluene	79	< 79	U
98-06-6	tert-Butylbenzene	79	< 79	U
135-98-8	sec-Butylbenzene	79	< 79	U
99-87-6	4-Isopropyltoluene	79	< 79	U
104-51-8	n-Butylbenzene	79	< 79	U
120-82-1	1,2,4-Trichlorobenzene	400	< 400	U
91-20-3	Naphthalene	400	< 400	U
87-61-6	1,2,3-Trichlorobenzene	400	< 400	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	98.5%
d8-Toluene	97.5%
Bromofluorobenzene	102%
d4-1,2-Dichlorobenzene	98.8%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P8-8.0**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OU16I
LIMS ID: 09-8616
Matrix: Soil
Data Release Authorized:
Reported: 04/09/09

QC Report No: OU16-Landau Associates, Inc.
Project: SAURO'S
094048.010.011
Date Sampled: 04/03/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/07/09 19:47

Sample Amount: 126 mg-dry-wt
Purge Volume: 5.0 mL
Moisture: 11.2%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	40	< 40	U
74-83-9	Bromomethane	40	< 40	U
75-01-4	Vinyl Chloride	40	< 40	U
75-00-3	Chloroethane	40	< 40	U
75-09-2	**Methylene Chloride**	**79**	**300**	**B**
67-64-1	Acetone	200	< 200	U
75-15-0	Carbon Disulfide	40	< 40	U
75-35-4	1,1-Dichloroethene	40	< 40	U
75-34-3	1,1-Dichloroethane	40	< 40	U
156-60-5	trans-1,2-Dichloroethene	40	< 40	U
156-59-2	**cis-1,2-Dichloroethene**	**40**	**40**	
67-66-3	Chloroform	40	< 40	U
107-06-2	1,2-Dichloroethane	40	< 40	U
78-93-3	2-Butanone	200	< 200	U
71-55-6	1,1,1-Trichloroethane	40	< 40	U
56-23-5	Carbon Tetrachloride	40	< 40	U
108-05-4	Vinyl Acetate	200	< 200	U
75-27-4	Bromodichloromethane	40	< 40	U
78-87-5	1,2-Dichloropropane	40	< 40	U
10061-01-5	cis-1,3-Dichloropropene	40	< 40	U
79-01-6	**Trichloroethene**	**40**	**120**	
124-48-1	Dibromochloromethane	40	< 40	U
79-00-5	1,1,2-Trichloroethane	40	< 40	U
71-43-2	Benzene	40	< 40	U
10061-02-6	trans-1,3-Dichloropropene	40	< 40	U
110-75-8	2-Chloroethylvinylether	200	< 200	U
75-25-2	Bromoform	40	< 40	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	200	< 200	U
591-78-6	2-Hexanone	200	< 200	U
127-18-4	**Tetrachloroethene**	**40**	**3,100**	
79-34-5	1,1,2,2-Tetrachloroethane	40	< 40	U
108-88-3	Toluene	40	< 40	U
108-90-7	Chlorobenzene	40	< 40	U
100-41-4	Ethylbenzene	40	< 40	U
100-42-5	Styrene	40	< 40	U
75-69-4	Trichlorofluoromethane	40	< 40	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	79	< 79	U
179601-23-1	m,p-Xylene	40	< 40	U
95-47-6	o-Xylene	40	< 40	U
95-50-1	1,2-Dichlorobenzene	40	< 40	U
541-73-1	1,3-Dichlorobenzene	40	< 40	U
106-46-7	1,4-Dichlorobenzene	40	< 40	U
107-02-8	Acrolein	2,000	< 2,000	U
74-88-4	Methyl Iodide	40	< 40	U
74-96-4	Bromoethane	79	< 79	U
107-13-1	Acrylonitrile	200	< 200	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P8-8.0**
Page 2 of 2 **SAMPLE**

Lab Sample ID: OU16I QC Report No: OU16-Landau Associates, Inc.
LIMS ID: 09-8616 Project: SAURO'S
Matrix: Soil 094048.010.011
Date Analyzed: 04/07/09 19:47

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	40	< 40	U
74-95-3	Dibromomethane	40	< 40	U
630-20-6	1,1,1,2-Tetrachloroethane	40	< 40	U
96-12-8	1,2-Dibromo-3-chloropropane	200	< 200	U
96-18-4	1,2,3-Trichloropropane	79	< 79	U
110-57-6	trans-1,4-Dichloro-2-butene	200	< 200	U
108-67-8	1,3,5-Trimethylbenzene	40	< 40	U
95-63-6	1,2,4-Trimethylbenzene	40	< 40	U
87-68-3	Hexachlorobutadiene	200	< 200	U
106-93-4	Ethylene Dibromide	40	< 40	U
74-97-5	Bromochloromethane	40	< 40	U
594-20-7	2,2-Dichloropropane	40	< 40	U
142-28-9	1,3-Dichloropropane	40	< 40	U
98-82-8	Isopropylbenzene	40	< 40	U
103-65-1	n-Propylbenzene	40	< 40	U
108-86-1	Bromobenzene	40	< 40	U
95-49-8	2-Chlorotoluene	40	< 40	U
106-43-4	4-Chlorotoluene	40	< 40	U
98-06-6	tert-Butylbenzene	40	< 40	U
135-98-8	sec-Butylbenzene	40	< 40	U
99-87-6	4-Isopropyltoluene	40	< 40	U
104-51-8	n-Butylbenzene	40	< 40	U
120-82-1	1,2,4-Trichlorobenzene	200	< 200	U
91-20-3	Naphthalene	200	< 200	U
87-61-6	1,2,3-Trichlorobenzene	200	< 200	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	99.1%
d8-Toluene	98.6%
Bromofluorobenzene	104%
d4-1,2-Dichlorobenzene	101%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P8-12.0**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OU16J
LIMS ID: 09-8617
Matrix: Soil
Data Release Authorized:
Reported: 04/09/09

QC Report No: OU16-Landau Associates, Inc.
Project: SAURO'S
094048.010.011
Date Sampled: 04/03/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/07/09 20:15

Sample Amount: 121 mg-dry-wt
Purge Volume: 5.0 mL
Moisture: 14.4%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	41	< 41	U
74-83-9	Bromomethane	41	< 41	U
75-01-4	Vinyl Chloride	41	< 41	U
75-00-3	Chloroethane	41	< 41	U
75-09-2	**Methylene Chloride**	**82**	**320**	**B**
67-64-1	Acetone	210	< 210	U
75-15-0	Carbon Disulfide	41	< 41	U
75-35-4	1,1-Dichloroethene	41	< 41	U
75-34-3	1,1-Dichloroethane	41	< 41	U
156-60-5	trans-1,2-Dichloroethene	41	< 41	U
156-59-2	cis-1,2-Dichloroethene	41	< 41	U
67-66-3	Chloroform	41	< 41	U
107-06-2	1,2-Dichloroethane	41	< 41	U
78-93-3	2-Butanone	210	< 210	U
71-55-6	1,1,1-Trichloroethane	41	< 41	U
56-23-5	Carbon Tetrachloride	41	< 41	U
108-05-4	Vinyl Acetate	210	< 210	U
75-27-4	Bromodichloromethane	41	< 41	U
78-87-5	1,2-Dichloropropane	41	< 41	U
10061-01-5	cis-1,3-Dichloropropene	41	< 41	U
79-01-6	Trichloroethene	41	< 41	U
124-48-1	Dibromochloromethane	41	< 41	U
79-00-5	1,1,2-Trichloroethane	41	< 41	U
71-43-2	Benzene	41	< 41	U
10061-02-6	trans-1,3-Dichloropropene	41	< 41	U
110-75-8	2-Chloroethylvinylether	210	< 210	U
75-25-2	Bromoform	41	< 41	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	210	< 210	U
591-78-6	2-Hexanone	210	< 210	U
127-18-4	**Tetrachloroethene**	**41**	**660**	
79-34-5	1,1,2,2-Tetrachloroethane	41	< 41	U
108-88-3	Toluene	41	< 41	U
108-90-7	Chlorobenzene	41	< 41	U
100-41-4	Ethylbenzene	41	< 41	U
100-42-5	Styrene	41	< 41	U
75-69-4	Trichlorofluoromethane	41	< 41	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	82	< 82	U
179601-23-1	m,p-Xylene	41	< 41	U
95-47-6	o-Xylene	41	< 41	U
95-50-1	1,2-Dichlorobenzene	41	< 41	U
541-73-1	1,3-Dichlorobenzene	41	< 41	U
106-46-7	1,4-Dichlorobenzene	41	< 41	U
107-02-8	Acrolein	2,100	< 2,100	U
74-88-4	Methyl Iodide	41	< 41	U
74-96-4	Bromoethane	82	< 82	U
107-13-1	Acrylonitrile	210	< 210	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P8-12.0**
 SAMPLE

Lab Sample ID: OU16J
LIMS ID: 09-8617
Matrix: Soil
Date Analyzed: 04/07/09 20:15

QC Report No: OU16-Landau Associates, Inc.
Project: SAURO'S
094048.010.011

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	41	< 41	U
74-95-3	Dibromomethane	41	< 41	U
630-20-6	1,1,1,2-Tetrachloroethane	41	< 41	U
96-12-8	1,2-Dibromo-3-chloropropane	210	< 210	U
96-18-4	1,2,3-Trichloropropane	82	< 82	U
110-57-6	trans-1,4-Dichloro-2-butene	210	< 210	U
108-67-8	1,3,5-Trimethylbenzene	41	< 41	U
95-63-6	1,2,4-Trimethylbenzene	41	< 41	U
87-68-3	Hexachlorobutadiene	210	< 210	U
106-93-4	Ethylene Dibromide	41	< 41	U
74-97-5	Bromochloromethane	41	< 41	U
594-20-7	2,2-Dichloropropane	41	< 41	U
142-28-9	1,3-Dichloropropane	41	< 41	U
98-82-8	Isopropylbenzene	41	< 41	U
103-65-1	n-Propylbenzene	41	< 41	U
108-86-1	Bromobenzene	41	< 41	U
95-49-8	2-Chlorotoluene	41	< 41	U
106-43-4	4-Chlorotoluene	41	< 41	U
98-06-6	tert-Butylbenzene	41	< 41	U
135-98-8	sec-Butylbenzene	41	< 41	U
99-87-6	4-Isopropyltoluene	41	< 41	U
104-51-8	n-Butylbenzene	41	< 41	U
120-82-1	1,2,4-Trichlorobenzene	210	< 210	U
91-20-3	Naphthalene	210	< 210	U
87-61-6	1,2,3-Trichlorobenzene	210	< 210	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	100%
d8-Toluene	98.4%
Bromofluorobenzene	103%
d4-1,2-Dichlorobenzene	100%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: TRIP BLANKS**
 SAMPLE

Lab Sample ID: OU16K
LIMS ID: 09-8618
Matrix: Water
Data Release Authorized:
Reported: 04/09/09

QC Report No: OU16-Landau Associates, Inc.
Project: SAURO'S
094048.010.011
Date Sampled: 04/03/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/07/09 20:43

Sample Amount: 5.00 mL
Purge Volume: 5.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	1.0	< 1.0	U
74-83-9	Bromomethane	1.0	< 1.0	U
75-01-4	Vinyl Chloride	1.0	< 1.0	U
75-00-3	Chloroethane	1.0	< 1.0	U
75-09-2	**Methylene Chloride**	**2.0**	**4.4**	**B**
67-64-1	Acetone	10	< 10	U
75-15-0	Carbon Disulfide	1.0	< 1.0	U
75-35-4	1,1-Dichloroethene	1.0	< 1.0	U
75-34-3	1,1-Dichloroethane	1.0	< 1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	< 1.0	U
67-66-3	Chloroform	1.0	< 1.0	U
107-06-2	1,2-Dichloroethane	1.0	< 1.0	U
78-93-3	2-Butanone	5.0	< 5.0	U
71-55-6	1,1,1-Trichloroethane	1.0	< 1.0	U
56-23-5	Carbon Tetrachloride	1.0	< 1.0	U
108-05-4	Vinyl Acetate	5.0	< 5.0	U
75-27-4	Bromodichloromethane	1.0	< 1.0	U
78-87-5	1,2-Dichloropropane	1.0	< 1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	< 1.0	U
79-01-6	Trichloroethene	1.0	< 1.0	U
124-48-1	Dibromochloromethane	1.0	< 1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	< 1.0	U
71-43-2	Benzene	1.0	< 1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	< 1.0	U
110-75-8	2-Chloroethylvinylether	5.0	< 5.0	U
75-25-2	Bromoform	1.0	< 1.0	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	< 5.0	U
591-78-6	2-Hexanone	5.0	< 5.0	U
127-18-4	Tetrachloroethene	1.0	< 1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	< 1.0	U
108-88-3	Toluene	1.0	< 1.0	U
108-90-7	Chlorobenzene	1.0	< 1.0	U
100-41-4	Ethylbenzene	1.0	< 1.0	U
100-42-5	Styrene	1.0	< 1.0	U
75-69-4	Trichlorofluoromethane	1.0	< 1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	2.0	< 2.0	U
179601-23-1	m,p-Xylene	2.0	< 2.0	U
95-47-6	o-Xylene	1.0	< 1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	< 1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	< 1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	< 1.0	U
107-02-8	Acrolein	10	< 10	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	2.0	< 2.0	U
107-13-1	Acrylonitrile	5.0	< 5.0	U
563-58-6	1,1-Dichloropropene	1.0	< 1.0	U
74-95-3	Dibromomethane	1.0	< 1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	< 1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	< 5.0	U
96-18-4	1,2,3-Trichloropropane	2.0	< 2.0	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: TRIP BLANKS**
 SAMPLE

Lab Sample ID: OU16K
LIMS ID: 09-8618
Matrix: Water
Date Analyzed: 04/07/09 20:43

QC Report No: OU16-Landau Associates, Inc.
Project: SAURO'S
094048.010.011

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	5.0	< 5.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	< 1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	< 1.0	U
87-68-3	Hexachlorobutadiene	5.0	< 5.0	U
106-93-4	Ethylene Dibromide	1.0	< 1.0	U
74-97-5	Bromochloromethane	1.0	< 1.0	U
594-20-7	2,2-Dichloropropane	1.0	< 1.0	U
142-28-9	1,3-Dichloropropane	5.0	< 5.0	U
98-82-8	Isopropylbenzene	1.0	< 1.0	U
103-65-1	n-Propylbenzene	1.0	< 1.0	U
108-86-1	Bromobenzene	1.0	< 1.0	U
95-49-8	2-Chlorotoluene	1.0	< 1.0	U
106-43-4	4-Chlorotoluene	1.0	< 1.0	U
98-06-6	tert-Butylbenzene	1.0	< 1.0	U
135-98-8	sec-Butylbenzene	1.0	< 1.0	U
99-87-6	4-Isopropyltoluene	1.0	< 1.0	U
104-51-8	n-Butylbenzene	1.0	< 1.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	< 5.0	U
91-20-3	Naphthalene	5.0	< 5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	< 5.0	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	95.6%
d8-Toluene	97.8%
Bromofluorobenzene	99.9%
d4-1,2-Dichlorobenzene	99.0%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MB-040709**
 METHOD BLANK

Lab Sample ID: MB-040709
LIMS ID: 09-8608
Matrix: Soil
Data Release Authorized:
Reported: 04/09/09

QC Report No: OU16-Landau Associates, Inc.
Project: SAURO'S
094048.010.011
Date Sampled: NA
Date Received: NA

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/07/09 11:06

Sample Amount: 100 mg-dry-wt
Purge Volume: 5.0 mL
Moisture: NA

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	50	< 50	U
74-83-9	Bromomethane	50	< 50	U
75-01-4	Vinyl Chloride	50	< 50	U
75-00-3	Chloroethane	50	< 50	U
75-09-2	**Methylene Chloride**	**100**	**180**	
67-64-1	Acetone	250	< 250	U
75-15-0	Carbon Disulfide	50	< 50	U
75-35-4	1,1-Dichloroethene	50	< 50	U
75-34-3	1,1-Dichloroethane	50	< 50	U
156-60-5	trans-1,2-Dichloroethene	50	< 50	U
156-59-2	cis-1,2-Dichloroethene	50	< 50	U
67-66-3	Chloroform	50	< 50	U
107-06-2	1,2-Dichloroethane	50	< 50	U
78-93-3	2-Butanone	250	< 250	U
71-55-6	1,1,1-Trichloroethane	50	< 50	U
56-23-5	Carbon Tetrachloride	50	< 50	U
108-05-4	Vinyl Acetate	250	< 250	U
75-27-4	Bromodichloromethane	50	< 50	U
78-87-5	1,2-Dichloropropane	50	< 50	U
10061-01-5	cis-1,3-Dichloropropene	50	< 50	U
79-01-6	Trichloroethene	50	< 50	U
124-48-1	Dibromochloromethane	50	< 50	U
79-00-5	1,1,2-Trichloroethane	50	< 50	U
71-43-2	Benzene	50	< 50	U
10061-02-6	trans-1,3-Dichloropropene	50	< 50	U
110-75-8	2-Chloroethylvinylether	250	< 250	U
75-25-2	Bromoform	50	< 50	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	250	< 250	U
591-78-6	2-Hexanone	250	< 250	U
127-18-4	Tetrachloroethene	50	< 50	U
79-34-5	1,1,2,2-Tetrachloroethane	50	< 50	U
108-88-3	Toluene	50	< 50	U
108-90-7	Chlorobenzene	50	< 50	U
100-41-4	Ethylbenzene	50	< 50	U
100-42-5	Styrene	50	< 50	U
75-69-4	Trichlorofluoromethane	50	< 50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	100	< 100	U
179601-23-1	m,p-Xylene	50	< 50	U
95-47-6	o-Xylene	50	< 50	U
95-50-1	1,2-Dichlorobenzene	50	< 50	U
541-73-1	1,3-Dichlorobenzene	50	< 50	U
106-46-7	1,4-Dichlorobenzene	50	< 50	U
107-02-8	Acrolein	2,500	< 2,500	U
74-88-4	Methyl Iodide	50	< 50	U
74-96-4	Bromoethane	100	< 100	U
107-13-1	Acrylonitrile	250	< 250	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MB-040709**
 METHOD BLANK

Lab Sample ID: MB-040709 QC Report No: OU16-Landau Associates, Inc.
LIMS ID: 09-8608 Project: SAURO'S
Matrix: Soil 094048.010.011
Date Analyzed: 04/07/09 11:06

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	50	< 50	U
74-95-3	Dibromomethane	50	< 50	U
630-20-6	1,1,1,2-Tetrachloroethane	50	< 50	U
96-12-8	1,2-Dibromo-3-chloropropane	250	< 250	U
96-18-4	1,2,3-Trichloropropane	100	< 100	U
110-57-6	trans-1,4-Dichloro-2-butene	250	< 250	U
108-67-8	1,3,5-Trimethylbenzene	50	< 50	U
95-63-6	1,2,4-Trimethylbenzene	50	< 50	U
87-68-3	Hexachlorobutadiene	250	< 250	U
106-93-4	Ethylene Dibromide	50	< 50	U
74-97-5	Bromochloromethane	50	< 50	U
594-20-7	2,2-Dichloropropane	50	< 50	U
142-28-9	1,3-Dichloropropane	50	< 50	U
98-82-8	Isopropylbenzene	50	< 50	U
103-65-1	n-Propylbenzene	50	< 50	U
108-86-1	Bromobenzene	50	< 50	U
95-49-8	2-Chlorotoluene	50	< 50	U
106-43-4	4-Chlorotoluene	50	< 50	U
98-06-6	tert-Butylbenzene	50	< 50	U
135-98-8	sec-Butylbenzene	50	< 50	U
99-87-6	4-Isopropyltoluene	50	< 50	U
104-51-8	n-Butylbenzene	50	< 50	U
120-82-1	1,2,4-Trichlorobenzene	250	< 250	U
91-20-3	Naphthalene	250	< 250	U
87-61-6	1,2,3-Trichlorobenzene	250	< 250	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	94.9%
d8-Toluene	97.7%
Bromofluorobenzene	100%
d4-1,2-Dichlorobenzene	98.2%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MB-040709**
 METHOD BLANK

Lab Sample ID: MB-040709
LIMS ID: 09-8618
Matrix: Water
Data Release Authorized:
Reported: 04/09/09

QC Report No: OU16-Landau Associates, Inc.
Project: SAURO'S
094048.010.011
Date Sampled: NA
Date Received: NA

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/07/09 11:06

Sample Amount: 5.00 mL
Purge Volume: 5.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	1.0	< 1.0	U
74-83-9	Bromomethane	1.0	< 1.0	U
75-01-4	Vinyl Chloride	1.0	< 1.0	U
75-00-3	Chloroethane	1.0	< 1.0	U
75-09-2	**Methylene Chloride**	**2.0**	**3.6**	
67-64-1	Acetone	10	< 10	U
75-15-0	Carbon Disulfide	1.0	< 1.0	U
75-35-4	1,1-Dichloroethene	1.0	< 1.0	U
75-34-3	1,1-Dichloroethane	1.0	< 1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	< 1.0	U
67-66-3	Chloroform	1.0	< 1.0	U
107-06-2	1,2-Dichloroethane	1.0	< 1.0	U
78-93-3	2-Butanone	5.0	< 5.0	U
71-55-6	1,1,1-Trichloroethane	1.0	< 1.0	U
56-23-5	Carbon Tetrachloride	1.0	< 1.0	U
108-05-4	Vinyl Acetate	5.0	< 5.0	U
75-27-4	Bromodichloromethane	1.0	< 1.0	U
78-87-5	1,2-Dichloropropane	1.0	< 1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	< 1.0	U
79-01-6	Trichloroethene	1.0	< 1.0	U
124-48-1	Dibromochloromethane	1.0	< 1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	< 1.0	U
71-43-2	Benzene	1.0	< 1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	< 1.0	U
110-75-8	2-Chloroethylvinylether	5.0	< 5.0	U
75-25-2	Bromoform	1.0	< 1.0	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	< 5.0	U
591-78-6	2-Hexanone	5.0	< 5.0	U
127-18-4	Tetrachloroethene	1.0	< 1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	< 1.0	U
108-88-3	Toluene	1.0	< 1.0	U
108-90-7	Chlorobenzene	1.0	< 1.0	U
100-41-4	Ethylbenzene	1.0	< 1.0	U
100-42-5	Styrene	1.0	< 1.0	U
75-69-4	Trichlorofluoromethane	1.0	< 1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	2.0	< 2.0	U
179601-23-1	m,p-Xylene	2.0	< 2.0	U
95-47-6	o-Xylene	1.0	< 1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	< 1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	< 1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	< 1.0	U
107-02-8	Acrolein	10	< 10	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	2.0	< 2.0	U
107-13-1	Acrylonitrile	5.0	< 5.0	U
563-58-6	1,1-Dichloropropene	1.0	< 1.0	U
74-95-3	Dibromomethane	1.0	< 1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	< 1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	< 5.0	U
96-18-4	1,2,3-Trichloropropane	2.0	< 2.0	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MB-040709**
 METHOD BLANK

Lab Sample ID: MB-040709 QC Report No: OU16-Landau Associates, Inc.
LIMS ID: 09-8618 Project: SAURO'S
Matrix: Water 094048.010.011
Date Analyzed: 04/07/09 11:06

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	5.0	< 5.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	< 1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	< 1.0	U
87-68-3	Hexachlorobutadiene	5.0	< 5.0	U
106-93-4	Ethylene Dibromide	1.0	< 1.0	U
74-97-5	Bromochloromethane	1.0	< 1.0	U
594-20-7	2,2-Dichloropropane	1.0	< 1.0	U
142-28-9	1,3-Dichloropropane	5.0	< 5.0	U
98-82-8	Isopropylbenzene	1.0	< 1.0	U
103-65-1	n-Propylbenzene	1.0	< 1.0	U
108-86-1	Bromobenzene	1.0	< 1.0	U
95-49-8	2-Chlorotoluene	1.0	< 1.0	U
106-43-4	4-Chlorotoluene	1.0	< 1.0	U
98-06-6	tert-Butylbenzene	1.0	< 1.0	U
135-98-8	sec-Butylbenzene	1.0	< 1.0	U
99-87-6	4-Isopropyltoluene	1.0	< 1.0	U
104-51-8	n-Butylbenzene	1.0	< 1.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	< 5.0	U
91-20-3	Naphthalene	5.0	< 5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	< 5.0	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	94.9%
d8-Toluene	97.7%
Bromofluorobenzene	100%
d4-1,2-Dichlorobenzene	98.2%

ANALYTICAL RESOURCES INCORPORATED

VOA SURROGATE RECOVERY SUMMARY

Matrix: Soil

QC Report No: OU16-Landau Associates, Inc.
Project: SAURO'S
094048.010.011

ARI ID	Client ID	Level	DCE	TOL	BFB	DCB	TOT OUT
MB-040709	Method Blank	Med	94.9%	97.7%	100%	98.2%	0
LCS-040709	Lab Control	Med	96.3%	98.4%	104%	99.6%	0
LCSD-040709	Lab Control Dup	Med	99.1%	98.8%	103%	101%	0
OU16A	LAI-P5-3.0	Med	98.5%	98.3%	103%	100%	0
OU16B	LAI-P5-8.7	Med	97.1%	98.0%	102%	99.2%	0
OU16C	LAI-P5-11.0	Med	97.4%	98.3%	112%	99.5%	0
OU16D	LAI-P5-14.0	Med	98.0%	98.3%	104%	100%	0
OU16E	LAI-P6-4.0	Med	97.9%	98.2%	102%	100%	0
OU16F	LAI-P6-8.0	Med	98.9%	98.2%	103%	101%	0
OU16G	LAI-P6-12.0	Med	99.1%	98.3%	104%	100%	0
OU16H	LAI-P10-5.5	Med	98.5%	97.5%	102%	98.8%	0
OU16I	LAI-P8-8.0	Med	99.1%	98.6%	104%	101%	0
OU16J	LAI-P8-12.0	Med	100%	98.4%	103%	100%	0

	LCS/MB LIMITS		QC LIMITS	
SW8260B	Low	Med	Low	Med
(DCE) = d4-1,2-Dichloroethane	75-120	76-120	72-134	69-120
(TOL) = d8-Toluene	80-122	80-120	78-124	80-120
(BFB) = Bromofluorobenzene	79-120	80-120	66-120	76-128
(DCB) = d4-1,2-Dichlorobenzene	80-120	80-120	79-120	80-120

Log Number Range: 09-8608 to 09-8617

ANALYTICAL RESOURCES INCORPORATED

VOA SURROGATE RECOVERY SUMMARY

Matrix: Water

QC Report No: OU16-Landau Associates, Inc.
Project: SAURO'S
094048.010.011

ARI ID	Client ID	PV	DCE	TOL	BFB	DCB	TOT OUT
MB-040709	Method Blank	5	94.9%	97.7%	100%	98.2%	0
LCS-040709	Lab Control	5	96.3%	98.4%	104%	99.6%	0
LCSD-040709	Lab Control Dup	5	99.1%	98.8%	103%	101%	0
OU16K	TRIP BLANKS	5	95.6%	97.8%	99.9%	99.0%	0

	LCS/MB LIMITS	QC LIMITS
SW8260B		
(DCE) = d4-1,2-Dichloroethane	79-120	80-120
(TOL) = d8-Toluene	80-120	80-120
(BFB) = Bromofluorobenzene	80-120	76-120
(DCB) = d4-1,2-Dichlorobenzene	80-120	80-124

Prep Method: SW5030B
Log Number Range: 09-8618 to 09-8618

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LCS-040709**
Page 1 of 2 **LAB CONTROL SAMPLE**

Lab Sample ID: LCS-040709
LIMS ID: 09-8608
Matrix: Soil
Data Release Authorized:
Reported: 04/09/09

QC Report No: OU16-Landau Associates, Inc.
Project: SAURO'S
094048.010.011
Date Sampled: NA
Date Received: NA

Instrument/Analyst LCS: NT9/PAB
LCSD: NT9/PAB
Date Analyzed LCS: 04/07/09 10:11
LCSD: 04/07/09 10:38

Sample Amount LCS: 100 mg-dry-wt
LCSD: 100 mg-dry-wt
Purge Volume LCS: 5.0 mL
LCSD: 5.0 mL
Moisture: NA

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	2320	2500	92.8%	2360	2500	94.4%	1.7%
Bromomethane	2520	2500	101%	2500	2500	100%	0.8%
Vinyl Chloride	2320	2500	92.8%	2370	2500	94.8%	2.1%
Chloroethane	2360	2500	94.4%	2390	2500	95.6%	1.3%
Methylene Chloride	2530	2500	101%	2520	2500	101%	0.4%
Acetone	11600	12500	92.8%	13200	12500	106%	12.9%
Carbon Disulfide	2480	2500	99.2%	2470	2500	98.8%	0.4%
1,1-Dichloroethene	2610	2500	104%	2600	2500	104%	0.4%
1,1-Dichloroethane	2400	2500	96.0%	2410	2500	96.4%	0.4%
trans-1,2-Dichloroethene	2490	2500	99.6%	2480	2500	99.2%	0.4%
cis-1,2-Dichloroethene	2470	2500	98.8%	2470	2500	98.8%	0.0%
Chloroform	2390	2500	95.6%	2420	2500	96.8%	1.2%
1,2-Dichloroethane	2390	2500	95.6%	2450	2500	98.0%	2.5%
2-Butanone	12400	12500	99.2%	14000	12500	112%	12.1%
1,1,1-Trichloroethane	2470	2500	98.8%	2500	2500	100%	1.2%
Carbon Tetrachloride	2450	2500	98.0%	2450	2500	98.0%	0.0%
Vinyl Acetate	2370	2500	94.8%	2540	2500	102%	6.9%
Bromodichloromethane	2470	2500	98.8%	2500	2500	100%	1.2%
1,2-Dichloropropane	2410	2500	96.4%	2430	2500	97.2%	0.8%
cis-1,3-Dichloropropene	2440	2500	97.6%	2490	2500	99.6%	2.0%
Trichloroethene	2640	2500	106%	2600	2500	104%	1.5%
Dibromochloromethane	2650	2500	106%	2710	2500	108%	2.2%
1,1,2-Trichloroethane	2460	2500	98.4%	2580	2500	103%	4.8%
Benzene	2370	2500	94.8%	2370	2500	94.8%	0.0%
trans-1,3-Dichloropropene	2490	2500	99.6%	2530	2500	101%	1.6%
2-Chloroethylvinylether	2070	2500	82.8%	2470	2500	98.8%	17.6%
Bromoform	2740	2500	110%	2880	2500	115%	5.0%
4-Methyl-2-Pentanone (MIBK)	13000	12500	104%	14900	12500	119%	13.6%
2-Hexanone	11600	12500	92.8%	13300	12500	106%	13.7%
Tetrachloroethene	2560	2500	102%	2490	2500	99.6%	2.8%
1,1,2,2-Tetrachloroethane	2360	2500	94.4%	2560	2500	102%	8.1%
Toluene	2390	2500	95.6%	2400	2500	96.0%	0.4%
Chlorobenzene	2410	2500	96.4%	2380	2500	95.2%	1.3%
Ethylbenzene	2360	2500	94.4%	2390	2500	95.6%	1.3%
Styrene	2600	2500	104%	2580	2500	103%	0.8%
Trichlorofluoromethane	2400	2500	96.0%	2400	2500	96.0%	0.0%
1,1,2-Trichloro-1,2,2-trifluoroetha	2930	2500	117%	2790	2500	112%	4.9%
m,p-Xylene	4930	5000	98.6%	4810	5000	96.2%	2.5%
o-Xylene	2460	2500	98.4%	2450	2500	98.0%	0.4%
1,2-Dichlorobenzene	2440	2500	97.6%	2450	2500	98.0%	0.4%
1,3-Dichlorobenzene	2480	2500	99.2%	2430	2500	97.2%	2.0%
1,4-Dichlorobenzene	2500	2500	100%	2460	2500	98.4%	1.6%
Acrolein	12600	12500	101%	14000	12500	112%	10.5%
Methyl Iodide	2700	2500	108%	2710	2500	108%	0.4%
Bromoethane	2650	2500	106%	2680	2500	107%	1.1%
Acrylonitrile	2560	2500	102%	2820	2500	113%	9.7%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LCS-040709**
 LAB CONTROL SAMPLE

Lab Sample ID: LCS-040709 QC Report No: OU16-Landau Associates, Inc.
LIMS ID: 09-8608 Project: SAURO'S
Matrix: Soil 094048.010.011

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
1,1-Dichloropropene	2420	2500	96.8%	2400	2500	96.0%	0.8%
Dibromomethane	2520	2500	101%	2640	2500	106%	4.7%
1,1,1,2-Tetrachloroethane	2700	2500	108%	2690	2500	108%	0.4%
1,2-Dibromo-3-chloropropane	2450	2500	98.0%	2790	2500	112%	13.0%
1,2,3-Trichloropropane	2400	2500	96.0%	2600	2500	104%	8.0%
trans-1,4-Dichloro-2-butene	2550	2500	102%	2800	2500	112%	9.3%
1,3,5-Trimethylbenzene	2430	2500	97.2%	2390	2500	95.6%	1.7%
1,2,4-Trimethylbenzene	2440	2500	97.6%	2410	2500	96.4%	1.2%
Hexachlorobutadiene	2620	2500	105%	2650	2500	106%	1.1%
Ethylene Dibromide	2510	2500	100%	2650	2500	106%	5.4%
Bromochloromethane	2620	2500	105%	2670	2500	107%	1.9%
2,2-Dichloropropane	2480	2500	99.2%	2470	2500	98.8%	0.4%
1,3-Dichloropropane	2420	2500	96.8%	2490	2500	99.6%	2.9%
Isopropylbenzene	2470	2500	98.8%	2440	2500	97.6%	1.2%
n-Propylbenzene	2500	2500	100%	2450	2500	98.0%	2.0%
Bromobenzene	2570	2500	103%	2560	2500	102%	0.4%
2-Chlorotoluene	2440	2500	97.6%	2420	2500	96.8%	0.8%
4-Chlorotoluene	2570	2500	103%	2520	2500	101%	2.0%
tert-Butylbenzene	2360	2500	94.4%	2360	2500	94.4%	0.0%
sec-Butylbenzene	2410	2500	96.4%	2380	2500	95.2%	1.3%
4-Isopropyltoluene	2490	2500	99.6%	2450	2500	98.0%	1.6%
n-Butylbenzene	2480	2500	99.2%	2430	2500	97.2%	2.0%
1,2,4-Trichlorobenzene	2670	2500	107%	2680	2500	107%	0.4%
Naphthalene	2370	2500	94.8%	2690	2500	108%	12.6%
1,2,3-Trichlorobenzene	2540	2500	102%	2670	2500	107%	5.0%

Reported in µg/kg (ppb)

RPD calculated using sample concentrations per SW846.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	96.3%	99.1%
d8-Toluene	98.4%	98.8%
Bromofluorobenzene	104%	103%
d4-1,2-Dichlorobenzene	99.6%	101%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LCS-040709**
Page 1 of 2 **LAB CONTROL SAMPLE**

Lab Sample ID: LCS-040709
LIMS ID: 09-8618
Matrix: Water
Data Release Authorized:
Reported: 04/09/09

QC Report No: OU16-Landau Associates, Inc.
Project: SAURO'S
094048.010.011
Date Sampled: NA
Date Received: NA

Instrument/Analyst LCS: NT9/PAB
LCSD: NT9/PAB
Date Analyzed LCS: 04/07/09 10:11
LCSD: 04/07/09 10:38

Sample Amount LCS: 5.00 mL
LCSD: 5.00 mL
Purge Volume LCS: 5.0 mL
LCSD: 5.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	46.5	50.0	93.0%	47.1	50.0	94.2%	1.3%
Bromomethane	50.3	50.0	101%	50.1	50.0	100%	0.4%
Vinyl Chloride	46.5	50.0	93.0%	47.4	50.0	94.8%	1.9%
Chloroethane	47.2	50.0	94.4%	47.8	50.0	95.6%	1.3%
Methylene Chloride	50.5	50.0	101%	50.5	50.0	101%	0.0%
Acetone	232	250	92.8%	265	250	106%	13.3%
Carbon Disulfide	49.7	50.0	99.4%	49.5	50.0	99.0%	0.4%
1,1-Dichloroethene	52.3	50.0	105%	51.9	50.0	104%	0.8%
1,1-Dichloroethane	48.0	50.0	96.0%	48.1	50.0	96.2%	0.2%
trans-1,2-Dichloroethene	49.8	50.0	99.6%	49.6	50.0	99.2%	0.4%
cis-1,2-Dichloroethene	49.4	50.0	98.8%	49.4	50.0	98.8%	0.0%
Chloroform	47.7	50.0	95.4%	48.4	50.0	96.8%	1.5%
1,2-Dichloroethane	47.9	50.0	95.8%	49.0	50.0	98.0%	2.3%
2-Butanone	247	250	98.8%	280	250	112%	12.5%
1,1,1-Trichloroethane	49.5	50.0	99.0%	49.9	50.0	99.8%	0.8%
Carbon Tetrachloride	49.0	50.0	98.0%	48.9	50.0	97.8%	0.2%
Vinyl Acetate	47.4	50.0	94.8%	50.8	50.0	102%	6.9%
Bromodichloromethane	49.4	50.0	98.8%	49.9	50.0	99.8%	1.0%
1,2-Dichloropropane	48.2	50.0	96.4%	48.7	50.0	97.4%	1.0%
cis-1,3-Dichloropropene	48.8	50.0	97.6%	49.8	50.0	99.6%	2.0%
Trichloroethene	52.7	50.0	105%	52.0	50.0	104%	1.3%
Dibromochloromethane	53.0	50.0	106%	54.2	50.0	108%	2.2%
1,1,2-Trichloroethane	49.2	50.0	98.4%	51.6	50.0	103%	4.8%
Benzene	47.3	50.0	94.6%	47.5	50.0	95.0%	0.4%
trans-1,3-Dichloropropene	49.7	50.0	99.4%	50.6	50.0	101%	1.8%
2-Chloroethylvinylether	41.3	50.0	82.6%	49.4	50.0	98.8%	17.9%
Bromoform	54.7	50.0	109%	57.6	50.0	115%	5.2%
4-Methyl-2-Pentanone (MIBK)	261	250	104%	298	250	119%	13.2%
2-Hexanone	231	250	92.4%	266	250	106%	14.1%
Tetrachloroethene	51.3	50.0	103%	49.8	50.0	99.6%	3.0%
1,1,2,2-Tetrachloroethane	47.2	50.0	94.4%	51.2	50.0	102%	8.1%
Toluene	47.8	50.0	95.6%	48.0	50.0	96.0%	0.4%
Chlorobenzene	48.2	50.0	96.4%	47.7	50.0	95.4%	1.0%
Ethylbenzene	47.1	50.0	94.2%	47.7	50.0	95.4%	1.3%
Styrene	52.0	50.0	104%	51.6	50.0	103%	0.8%
Trichlorofluoromethane	47.9	50.0	95.8%	47.9	50.0	95.8%	0.0%
1,1,2-Trichloro-1,2,2-trifluoroetha	58.5	50.0	117%	55.9	50.0	112%	4.5%
m,p-Xylene	98.5	100	98.5%	96.2	100	96.2%	2.4%
o-Xylene	49.3	50.0	98.6%	49.0	50.0	98.0%	0.6%
1,2-Dichlorobenzene	48.8	50.0	97.6%	48.9	50.0	97.8%	0.2%
1,3-Dichlorobenzene	49.7	50.0	99.4%	48.6	50.0	97.2%	2.2%
1,4-Dichlorobenzene	49.9	50.0	99.8%	49.2	50.0	98.4%	1.4%
Acrolein	253	250	101%	280	250	112%	10.1%
Methyl Iodide	54.1	50.0	108%	54.2	50.0	108%	0.2%
Bromoethane	53.1	50.0	106%	53.6	50.0	107%	0.9%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LCS-040709**
 LAB CONTROL SAMPLE

Lab Sample ID: LCS-040709 QC Report No: OU16-Landau Associates, Inc.
LIMS ID: 09-8618 Project: SAURO'S
Matrix: Water 094048.010.011

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Acrylonitrile	51.1	50.0	102%	56.4	50.0	113%	9.9%
1,1-Dichloropropene	48.5	50.0	97.0%	48.0	50.0	96.0%	1.0%
Dibromomethane	50.4	50.0	101%	52.8	50.0	106%	4.7%
1,1,1,2-Tetrachloroethane	53.9	50.0	108%	53.8	50.0	108%	0.2%
1,2-Dibromo-3-chloropropane	49.1	50.0	98.2%	55.8	50.0	112%	12.8%
1,2,3-Trichloropropane	48.0	50.0	96.0%	51.9	50.0	104%	7.8%
trans-1,4-Dichloro-2-butene	51.0	50.0	102%	56.0	50.0	112%	9.3%
1,3,5-Trimethylbenzene	48.5	50.0	97.0%	47.8	50.0	95.6%	1.5%
1,2,4-Trimethylbenzene	48.8	50.0	97.6%	48.3	50.0	96.6%	1.0%
Hexachlorobutadiene	52.5	50.0	105%	53.1	50.0	106%	1.1%
Ethylene Dibromide	50.3	50.0	101%	53.0	50.0	106%	5.2%
Bromochloromethane	52.4	50.0	105%	53.4	50.0	107%	1.9%
2,2-Dichloropropane	49.5	50.0	99.0%	49.4	50.0	98.8%	0.2%
1,3-Dichloropropane	48.4	50.0	96.8%	49.9	50.0	99.8%	3.1%
Isopropylbenzene	49.4	50.0	98.8%	48.8	50.0	97.6%	1.2%
n-Propylbenzene	50.0	50.0	100%	49.1	50.0	98.2%	1.8%
Bromobenzene	51.4	50.0	103%	51.1	50.0	102%	0.6%
2-Chlorotoluene	48.9	50.0	97.8%	48.5	50.0	97.0%	0.8%
4-Chlorotoluene	51.4	50.0	103%	50.5	50.0	101%	1.8%
tert-Butylbenzene	47.3	50.0	94.6%	47.1	50.0	94.2%	0.4%
sec-Butylbenzene	48.2	50.0	96.4%	47.5	50.0	95.0%	1.5%
4-Isopropyltoluene	49.8	50.0	99.6%	49.0	50.0	98.0%	1.6%
n-Butylbenzene	49.7	50.0	99.4%	48.6	50.0	97.2%	2.2%
1,2,4-Trichlorobenzene	53.5	50.0	107%	53.6	50.0	107%	0.2%
Naphthalene	47.3	50.0	94.6%	53.7	50.0	107%	12.7%
1,2,3-Trichlorobenzene	50.8	50.0	102%	53.5	50.0	107%	5.2%

Reported in µg/L (ppb)

RPD calculated using sample concentrations per SW846.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	96.3%	99.1%
d8-Toluene	98.4%	98.8%
Bromofluorobenzene	104%	103%
d4-1,2-Dichlorobenzene	99.6%	101%

Analytical Resources, Incorporated
Analytical Chemists and Consultants

April 14, 2009

Jennifer Wynkoop
Landau Associates, Inc.
950 Pacific Ave # 515
Tacoma, WA 98402

RE: Project No: 094048.
Project Name: Sauro
ARI Job No: OU22

Dear Jennifer:

Please find enclosed copies of the chain of custodies (COC) and the final results from the project referenced above. Analytical Resources, Inc. accepted nineteen soil samples in good condition on April 6, 2009.

The samples were analyzed for VOCs, as requested on the COC.

There were no anomalies associated with the samples.

A copy of these reports and all corresponding raw data will remain on file electronically with ARI. If you have any questions or require additional information, please contact me at your convenience.

Sincerely,

ANALYTICAL RESOURCES, INC.

Kelly Bottem
Client Services Manager
(206) 695-6211
kellyb@arilabs.com

Enclosures

0022

LANDAU ASSOCIATES

- ☐ **Seattle (Edmonds)** (425) 778-0907
- ☒ **Tacoma** (253) 926-2493
- ☐ **Spokane** (509) 327-9737
- ☐ **Portland (Tigard)** (503) 443-6010
- ☐ _____

Chain-of-Custody Record

Date 4/6/09

Page 1 of 2

Project Name Sauro Project No. 094048

Project Location/Event 1401 Pacific Ave, Tacoma

Sampler's Name David Nelson

Project Contact Jen Wynkoop

Send Results To " + Anne Halvorsen

Testing Parameters

Turnaround Time
- ☒ Standard
- ☐ Accelerated
- ☐ _____

Sample I.D.	Date	Time	Matrix	No. of Containers	X VOCs (EPA 8260)	Observations/Comments
LAI-P2-(5-6)	4/6/09	0900	S	3	X	
LAI-P2-(6.5-7.25)		0903				
LAI-P2-(10-11)		0905				
LAI-P2-(15-16)		0915				
LAI-P3-(5-6)		1005				
LAI-P3-(7-8)		1015				
LAI-P3-(10-11)		1020				
LAI-P3-(13.5-14.5)		1025				
LAI-P1-(5-6)		1050				
LAI-P1-(10-11)		1100				
LAI-P1-(15-16)		1105				
LAI-P1-(18.5-19.5)		1120				
LAI-P7-(3-4)		1135				
LAI-P7-(7.5-8.5)		1150				
LAI-P7-(11.5-12.5)		1200				
LAI-P11-(5-6)		1300				
LAI-P11-(9.5-10.5)		1310				
LAI-P11-(15-16)		1315				

Observations/Comments

___ Allow water samples to settle, collect aliquot from clear portion

NWTPH-Dx:
___ run acid wash/silica gel cleanup
___ run samples standardized to _____ product

___ Analyze for EPH if no specific product identified

VOC/BTEX/VPH (soil):
___ non-preserved
X preserved w/methanol
X preserved w/sodium bisulfate
___ Freese upon receipt

___ Dissolved metal water samples field filtered

Other 2 COCs Port 1 Cooler

Special Shipment/Handling or Storage Requirements

Method of Shipment

Relinquished by	Received by	Relinquished by	Received by
Signature: David M. Nelson	Signature: A. Volgardsen	Signature:	Signature:
Printed Name: David M. Nelson	Printed Name: ARI	Printed Name:	Printed Name:
Company: LAI	Company:	Company:	Company:
Date: 4/6/09 Time: 1610	Date: 4/6/09 Time: 1615	Date: Time:	Date: Time:

5.2°C

WHITE COPY - Project File YELLOW COPY - Laboratory PINK COPY - Client Representative

Rev 4/01

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Landau

COC No(s): _____ (NA)

Assigned ARI Job No: OU22

Project Name: Sauro

Delivered by: Fed-Ex UPS Courier (Hand Delivered) Other: _____

Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO
Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)	5.2	
If cooler temperature is out of compliance fill out form 00070F	Temp Gun ID#: 101886	

Cooler Accepted by: AV Date: 4/6/09 Time: 1615

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ... Bubble Wrap (Wet Ice) Gel Packs (Baggies) Foam Block Paper Other: _____			
Was sufficient ice used (if appropriate)?	NA	(YES)	NO
Were all bottles sealed in individual plastic bags?		(YES)	NO
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		YES	(NO)
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	(NA)	YES	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO

Samples Logged by: AV Date: 4/6/09 tw 4/7/09 Time: 847

** ***Notify Project Manager of discrepancies or concerns*** **

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC
LAI-P7-(15.5-16.5)	none		

Additional Notes, Discrepancies, & Resolutions:

extra Sample, added to rest of Job.

By: AV Date: 4/7/09

Small Air Bubbles < 2mm	Peabubbles 2-4 mm	LARGE Air Bubbles > 4 mm
• • •	• • •	● ● ●

Small → "sm"
Peabubbles → "pb"
Large → "lg"
Headspace → "hs"

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P2-(5-6)**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OU22A
LIMS ID: 09-8661
Matrix: Soil
Data Release Authorized:
Reported: 04/14/09

QC Report No: OU22-Landau Associates, Inc.
Project: SAURO
Date Sampled: 04/06/09
Date Received: 04/06/09

Instrument/Analyst: NT10/JZ
Date Analyzed: 04/09/09 17:44

Sample Amount: 101 mg-dry-wt
Purge Volume: 5.0 mL
Moisture: 8.8%

CAS Number	Analyte	RL	Result	Q
74-87-3	**Chloromethane**	**49**	**120**	
74-83-9	**Bromomethane**	**49**	**240**	
75-01-4	Vinyl Chloride	49	< 49	U
75-00-3	Chloroethane	49	< 49	U
75-09-2	Methylene Chloride	99	< 99	U
67-64-1	Acetone	250	< 250	U
75-15-0	Carbon Disulfide	49	< 49	U
75-35-4	1,1-Dichloroethene	49	< 49	U
75-34-3	1,1-Dichloroethane	49	< 49	U
156-60-5	trans-1,2-Dichloroethene	49	< 49	U
156-59-2	**cis-1,2-Dichloroethene**	**49**	**62**	
67-66-3	Chloroform	49	< 49	U
107-06-2	1,2-Dichloroethane	49	< 49	U
78-93-3	2-Butanone	250	< 250	U
71-55-6	1,1,1-Trichloroethane	49	< 49	U
56-23-5	Carbon Tetrachloride	49	< 49	U
108-05-4	Vinyl Acetate	250	< 250	U
75-27-4	Bromodichloromethane	49	< 49	U
78-87-5	1,2-Dichloropropane	49	< 49	U
10061-01-5	cis-1,3-Dichloropropene	49	< 49	U
79-01-6	**Trichloroethene**	**49**	**100**	
124-48-1	Dibromochloromethane	49	< 49	U
79-00-5	1,1,2-Trichloroethane	49	< 49	U
71-43-2	Benzene	49	< 49	U
10061-02-6	trans-1,3-Dichloropropene	49	< 49	U
110-75-8	2-Chloroethylvinylether	250	< 250	U
75-25-2	Bromoform	49	< 49	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	250	< 250	U
591-78-6	2-Hexanone	250	< 250	U
127-18-4	**Tetrachloroethene**	**49**	**3,400**	
79-34-5	1,1,2,2-Tetrachloroethane	49	< 49	U
108-88-3	Toluene	49	< 49	U
108-90-7	Chlorobenzene	49	< 49	U
100-41-4	Ethylbenzene	49	< 49	U
100-42-5	Styrene	49	< 49	U
75-69-4	Trichlorofluoromethane	49	< 49	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	99	< 99	U
179601-23-1	m,p-Xylene	49	< 49	U
95-47-6	o-Xylene	49	< 49	U
95-50-1	1,2-Dichlorobenzene	49	< 49	U
541-73-1	1,3-Dichlorobenzene	49	< 49	U
106-46-7	1,4-Dichlorobenzene	49	< 49	U
107-02-8	Acrolein	2,500	< 2,500	U
74-88-4	Methyl Iodide	49	< 49	U
74-96-4	Bromoethane	99	< 99	U
107-13-1	Acrylonitrile	250	< 250	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P2-(5-6)**
 SAMPLE

Lab Sample ID: OU22A QC Report No: OU22-Landau Associates, Inc.
LIMS ID: 09-8661 Project: SAURO
Matrix: Soil
Date Analyzed: 04/09/09 17:44

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	49	< 49	U
74-95-3	Dibromomethane	49	< 49	U
630-20-6	1,1,1,2-Tetrachloroethane	49	< 49	U
96-12-8	1,2-Dibromo-3-chloropropane	250	< 250	U
96-18-4	1,2,3-Trichloropropane	99	< 99	U
110-57-6	trans-1,4-Dichloro-2-butene	250	< 250	U
108-67-8	1,3,5-Trimethylbenzene	49	< 49	U
95-63-6	1,2,4-Trimethylbenzene	49	< 49	U
87-68-3	Hexachlorobutadiene	250	< 250	U
106-93-4	Ethylene Dibromide	49	< 49	U
74-97-5	Bromochloromethane	49	< 49	U
594-20-7	2,2-Dichloropropane	49	< 49	U
142-28-9	1,3-Dichloropropane	49	< 49	U
98-82-8	Isopropylbenzene	49	< 49	U
103-65-1	n-Propylbenzene	49	< 49	U
108-86-1	Bromobenzene	49	< 49	U
95-49-8	2-Chlorotoluene	49	< 49	U
106-43-4	4-Chlorotoluene	49	< 49	U
98-06-6	tert-Butylbenzene	49	< 49	U
135-98-8	sec-Butylbenzene	49	< 49	U
99-87-6	4-Isopropyltoluene	49	< 49	U
104-51-8	n-Butylbenzene	49	< 49	U
120-82-1	1,2,4-Trichlorobenzene	250	< 250	U
91-20-3	Naphthalene	250	< 250	U
87-61-6	1,2,3-Trichlorobenzene	250	< 250	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	94.2%
d8-Toluene	96.6%
Bromofluorobenzene	105%
d4-1,2-Dichlorobenzene	101%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P2-(6.5-7.25)**
 SAMPLE

Lab Sample ID: OU22B
LIMS ID: 09-8662
Matrix: Soil
Data Release Authorized:
Reported: 04/14/09

QC Report No: OU22-Landau Associates, Inc.
Project: SAURO

Date Sampled: 04/06/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/08/09 17:53

Sample Amount: 110 mg-dry-wt
Purge Volume: 5.0 mL
Moisture: 7.8%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	46	< 46	U
74-83-9	Bromomethane	46	< 46	U
75-01-4	**Vinyl Chloride**	**46**	**1,900**	
75-00-3	Chloroethane	46	< 46	U
75-09-2	Methylene Chloride	91	< 91	U
67-64-1	Acetone	230	< 230	U
75-15-0	Carbon Disulfide	46	< 46	U
75-35-4	1,1-Dichloroethene	46	< 46	U
75-34-3	1,1-Dichloroethane	46	< 46	U
156-60-5	trans-1,2-Dichloroethene	46	< 46	U
156-59-2	**cis-1,2-Dichloroethene**	**46**	**2,000**	
67-66-3	Chloroform	46	< 46	U
107-06-2	1,2-Dichloroethane	46	< 46	U
78-93-3	2-Butanone	230	< 230	U
71-55-6	1,1,1-Trichloroethane	46	< 46	U
56-23-5	Carbon Tetrachloride	46	< 46	U
108-05-4	Vinyl Acetate	230	< 230	U
75-27-4	Bromodichloromethane	46	< 46	U
78-87-5	1,2-Dichloropropane	46	< 46	U
10061-01-5	cis-1,3-Dichloropropene	46	< 46	U
79-01-6	**Trichloroethene**	**46**	**120**	
124-48-1	Dibromochloromethane	46	< 46	U
79-00-5	1,1,2-Trichloroethane	46	< 46	U
71-43-2	Benzene	46	< 46	U
10061-02-6	trans-1,3-Dichloropropene	46	< 46	U
110-75-8	2-Chloroethylvinylether	230	< 230	U
75-25-2	Bromoform	46	< 46	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	230	< 230	U
591-78-6	2-Hexanone	230	< 230	U
127-18-4	Tetrachloroethene	46	< 46	U
79-34-5	1,1,2,2-Tetrachloroethane	46	< 46	U
108-88-3	Toluene	46	< 46	U
108-90-7	Chlorobenzene	46	< 46	U
100-41-4	Ethylbenzene	46	< 46	U
100-42-5	Styrene	46	< 46	U
75-69-4	Trichlorofluoromethane	46	< 46	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	91	< 91	U
179601-23-1	m,p-Xylene	46	< 46	U
95-47-6	o-Xylene	46	< 46	U
95-50-1	1,2-Dichlorobenzene	46	< 46	U
541-73-1	1,3-Dichlorobenzene	46	< 46	U
106-46-7	1,4-Dichlorobenzene	46	< 46	U
107-02-8	Acrolein	2,300	< 2,300	U
74-88-4	Methyl Iodide	46	< 46	U
74-96-4	Bromoethane	91	< 91	U
107-13-1	Acrylonitrile	230	< 230	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P2-(6.5-7.25)**
 SAMPLE

Lab Sample ID: OU22B QC Report No: OU22-Landau Associates, Inc.
LIMS ID: 09-8662 Project: SAURO
Matrix: Soil
Date Analyzed: 04/08/09 17:53

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	46	< 46	U
74-95-3	Dibromomethane	46	< 46	U
630-20-6	1,1,1,2-Tetrachloroethane	46	< 46	U
96-12-8	1,2-Dibromo-3-chloropropane	230	< 230	U
96-18-4	1,2,3-Trichloropropane	91	< 91	U
110-57-6	trans-1,4-Dichloro-2-butene	230	< 230	U
108-67-8	1,3,5-Trimethylbenzene	46	< 46	U
95-63-6	1,2,4-Trimethylbenzene	46	< 46	U
87-68-3	Hexachlorobutadiene	230	< 230	U
106-93-4	Ethylene Dibromide	46	< 46	U
74-97-5	Bromochloromethane	46	< 46	U
594-20-7	2,2-Dichloropropane	46	< 46	U
142-28-9	1,3-Dichloropropane	46	< 46	U
98-82-8	Isopropylbenzene	46	< 46	U
103-65-1	n-Propylbenzene	46	< 46	U
108-86-1	Bromobenzene	46	< 46	U
95-49-8	2-Chlorotoluene	46	< 46	U
106-43-4	4-Chlorotoluene	46	< 46	U
98-06-6	tert-Butylbenzene	46	< 46	U
135-98-8	sec-Butylbenzene	46	< 46	U
99-87-6	4-Isopropyltoluene	46	< 46	U
104-51-8	n-Butylbenzene	46	< 46	U
120-82-1	1,2,4-Trichlorobenzene	230	< 230	U
91-20-3	Naphthalene	230	< 230	U
87-61-6	1,2,3-Trichlorobenzene	230	< 230	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	99.0%
d8-Toluene	97.9%
Bromofluorobenzene	102%
d4-1,2-Dichlorobenzene	99.9%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P2-(10-11)**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OU22C
LIMS ID: 09-8663
Matrix: Soil
Data Release Authorized:
Reported: 04/14/09

QC Report No: OU22-Landau Associates, Inc.
Project: SAURO
Date Sampled: 04/06/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/08/09 18:20

Sample Amount: 104 mg-dry-wt
Purge Volume: 5.0 mL
Moisture: 10.1%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	48	< 48	U
74-83-9	Bromomethane	48	< 48	U
75-01-4	Vinyl Chloride	48	< 48	U
75-00-3	Chloroethane	48	< 48	U
75-09-2	Methylene Chloride	96	< 96	U
67-64-1	Acetone	240	< 240	U
75-15-0	Carbon Disulfide	48	< 48	U
75-35-4	1,1-Dichloroethene	48	< 48	U
75-34-3	1,1-Dichloroethane	48	< 48	U
156-60-5	trans-1,2-Dichloroethene	48	< 48	U
156-59-2	cis-1,2-Dichloroethene	48	< 48	U
67-66-3	Chloroform	48	< 48	U
107-06-2	1,2-Dichloroethane	48	< 48	U
78-93-3	2-Butanone	240	< 240	U
71-55-6	1,1,1-Trichloroethane	48	< 48	U
56-23-5	Carbon Tetrachloride	48	< 48	U
108-05-4	Vinyl Acetate	240	< 240	U
75-27-4	Bromodichloromethane	48	< 48	U
78-87-5	1,2-Dichloropropane	48	< 48	U
10061-01-5	cis-1,3-Dichloropropene	48	< 48	U
79-01-6	Trichloroethene	48	< 48	U
124-48-1	Dibromochloromethane	48	< 48	U
79-00-5	1,1,2-Trichloroethane	48	< 48	U
71-43-2	Benzene	48	< 48	U
10061-02-6	trans-1,3-Dichloropropene	48	< 48	U
110-75-8	2-Chloroethylvinylether	240	< 240	U
75-25-2	Bromoform	48	< 48	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	240	< 240	U
591-78-6	2-Hexanone	240	< 240	U
127-18-4	**Tetrachloroethene**	**48**	**1,800**	
79-34-5	1,1,2,2-Tetrachloroethane	48	< 48	U
108-88-3	Toluene	48	< 48	U
108-90-7	Chlorobenzene	48	< 48	U
100-41-4	Ethylbenzene	48	< 48	U
100-42-5	Styrene	48	< 48	U
75-69-4	Trichlorofluoromethane	48	< 48	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	96	< 96	U
179601-23-1	m,p-Xylene	48	< 48	U
95-47-6	o-Xylene	48	< 48	U
95-50-1	1,2-Dichlorobenzene	48	< 48	U
541-73-1	1,3-Dichlorobenzene	48	< 48	U
106-46-7	1,4-Dichlorobenzene	48	< 48	U
107-02-8	Acrolein	2,400	< 2,400	U
74-88-4	Methyl Iodide	48	< 48	U
74-96-4	Bromoethane	96	< 96	U
107-13-1	Acrylonitrile	240	< 240	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P2-(10-11)**
 SAMPLE

Lab Sample ID: OU22C QC Report No: OU22-Landau Associates, Inc.
LIMS ID: 09-8663 Project: SAURO
Matrix: Soil
Date Analyzed: 04/08/09 18:20

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	48	< 48	U
74-95-3	Dibromomethane	48	< 48	U
630-20-6	1,1,1,2-Tetrachloroethane	48	< 48	U
96-12-8	1,2-Dibromo-3-chloropropane	240	< 240	U
96-18-4	1,2,3-Trichloropropane	96	< 96	U
110-57-6	trans-1,4-Dichloro-2-butene	240	< 240	U
108-67-8	1,3,5-Trimethylbenzene	48	< 48	U
95-63-6	1,2,4-Trimethylbenzene	48	< 48	U
87-68-3	Hexachlorobutadiene	240	< 240	U
106-93-4	Ethylene Dibromide	48	< 48	U
74-97-5	Bromochloromethane	48	< 48	U
594-20-7	2,2-Dichloropropane	48	< 48	U
142-28-9	1,3-Dichloropropane	48	< 48	U
98-82-8	Isopropylbenzene	48	< 48	U
103-65-1	n-Propylbenzene	48	< 48	U
108-86-1	Bromobenzene	48	< 48	U
95-49-8	2-Chlorotoluene	48	< 48	U
106-43-4	4-Chlorotoluene	48	< 48	U
98-06-6	tert-Butylbenzene	48	< 48	U
135-98-8	sec-Butylbenzene	48	< 48	U
99-87-6	4-Isopropyltoluene	48	< 48	U
104-51-8	n-Butylbenzene	48	< 48	U
120-82-1	1,2,4-Trichlorobenzene	240	< 240	U
91-20-3	Naphthalene	240	< 240	U
87-61-6	1,2,3-Trichlorobenzene	240	< 240	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	97.1%
d8-Toluene	98.8%
Bromofluorobenzene	103%
d4-1,2-Dichlorobenzene	100%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P2-(15-16)**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OU22D
LIMS ID: 09-8664
Matrix: Soil
Data Release Authorized:
Reported: 04/14/09

QC Report No: OU22-Landau Associates, Inc.
Project: SAURO

Date Sampled: 04/06/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/08/09 18:48

Sample Amount: 78.4 mg-dry-wt
Purge Volume: 5.0 mL
Moisture: 20.0%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	64	< 64	U
74-83-9	Bromomethane	64	< 64	U
75-01-4	Vinyl Chloride	64	< 64	U
75-00-3	Chloroethane	64	< 64	U
75-09-2	Methylene Chloride	130	< 130	U
67-64-1	Acetone	320	< 320	U
75-15-0	Carbon Disulfide	64	< 64	U
75-35-4	1,1-Dichloroethene	64	< 64	U
75-34-3	1,1-Dichloroethane	64	< 64	U
156-60-5	trans-1,2-Dichloroethene	64	< 64	U
156-59-2	**cis-1,2-Dichloroethene**	**64**	**110**	
67-66-3	Chloroform	64	< 64	U
107-06-2	1,2-Dichloroethane	64	< 64	U
78-93-3	2-Butanone	320	< 320	U
71-55-6	1,1,1-Trichloroethane	64	< 64	U
56-23-5	Carbon Tetrachloride	64	< 64	U
108-05-4	Vinyl Acetate	320	< 320	U
75-27-4	Bromodichloromethane	64	< 64	U
78-87-5	1,2-Dichloropropane	64	< 64	U
10061-01-5	cis-1,3-Dichloropropene	64	< 64	U
79-01-6	**Trichloroethene**	**64**	**350**	
124-48-1	Dibromochloromethane	64	< 64	U
79-00-5	1,1,2-Trichloroethane	64	< 64	U
71-43-2	Benzene	64	< 64	U
10061-02-6	trans-1,3-Dichloropropene	64	< 64	U
110-75-8	2-Chloroethylvinylether	320	< 320	U
75-25-2	Bromoform	64	< 64	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	320	< 320	U
591-78-6	2-Hexanone	320	< 320	U
127-18-4	**Tetrachloroethene**	**64**	**7,300**	
79-34-5	1,1,2,2-Tetrachloroethane	64	< 64	U
108-88-3	Toluene	64	< 64	U
108-90-7	Chlorobenzene	64	< 64	U
100-41-4	Ethylbenzene	64	< 64	U
100-42-5	Styrene	64	< 64	U
75-69-4	Trichlorofluoromethane	64	< 64	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	130	< 130	U
179601-23-1	m,p-Xylene	64	< 64	U
95-47-6	o-Xylene	64	< 64	U
95-50-1	1,2-Dichlorobenzene	64	< 64	U
541-73-1	1,3-Dichlorobenzene	64	< 64	U
106-46-7	1,4-Dichlorobenzene	64	< 64	U
107-02-8	Acrolein	3,200	< 3,200	U
74-88-4	Methyl Iodide	64	< 64	U
74-96-4	Bromoethane	130	< 130	U
107-13-1	Acrylonitrile	320	< 320	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P2-(15-16)**
 SAMPLE

Lab Sample ID: OU22D QC Report No: OU22-Landau Associates, Inc.
LIMS ID: 09-8664 Project: SAURO
Matrix: Soil
Date Analyzed: 04/08/09 18:48

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	64	< 64	U
74-95-3	Dibromomethane	64	< 64	U
630-20-6	1,1,1,2-Tetrachloroethane	64	< 64	U
96-12-8	1,2-Dibromo-3-chloropropane	320	< 320	U
96-18-4	1,2,3-Trichloropropane	130	< 130	U
110-57-6	trans-1,4-Dichloro-2-butene	320	< 320	U
108-67-8	1,3,5-Trimethylbenzene	64	< 64	U
95-63-6	1,2,4-Trimethylbenzene	64	< 64	U
87-68-3	Hexachlorobutadiene	320	< 320	U
106-93-4	Ethylene Dibromide	64	< 64	U
74-97-5	Bromochloromethane	64	< 64	U
594-20-7	2,2-Dichloropropane	64	< 64	U
142-28-9	1,3-Dichloropropane	64	< 64	U
98-82-8	Isopropylbenzene	64	< 64	U
103-65-1	n-Propylbenzene	64	< 64	U
108-86-1	Bromobenzene	64	< 64	U
95-49-8	2-Chlorotoluene	64	< 64	U
106-43-4	4-Chlorotoluene	64	< 64	U
98-06-6	tert-Butylbenzene	64	< 64	U
135-98-8	sec-Butylbenzene	64	< 64	U
99-87-6	4-Isopropyltoluene	64	< 64	U
104-51-8	n-Butylbenzene	64	< 64	U
120-82-1	1,2,4-Trichlorobenzene	320	< 320	U
91-20-3	Naphthalene	320	< 320	U
87-61-6	1,2,3-Trichlorobenzene	320	< 320	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	101%
d8-Toluene	98.3%
Bromofluorobenzene	103%
d4-1,2-Dichlorobenzene	101%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P3-(5-6)**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OU22E
LIMS ID: 09-8665
Matrix: Soil
Data Release Authorized:
Reported: 04/14/09

QC Report No: OU22-Landau Associates, Inc.
Project: SAURO

Date Sampled: 04/06/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/08/09 19:15

Sample Amount: 105 mg-dry-wt
Purge Volume: 5.0 mL
Moisture: 10.0%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	48	< 48	U
74-83-9	Bromomethane	48	< 48	U
75-01-4	Vinyl Chloride	48	< 48	U
75-00-3	Chloroethane	48	< 48	U
75-09-2	Methylene Chloride	96	< 96	U
67-64-1	Acetone	240	< 240	U
75-15-0	Carbon Disulfide	48	< 48	U
75-35-4	1,1-Dichloroethene	48	< 48	U
75-34-3	1,1-Dichloroethane	48	< 48	U
156-60-5	trans-1,2-Dichloroethene	48	< 48	U
156-59-2	cis-1,2-Dichloroethene	48	< 48	U
67-66-3	Chloroform	48	< 48	U
107-06-2	1,2-Dichloroethane	48	< 48	U
78-93-3	2-Butanone	240	< 240	U
71-55-6	1,1,1-Trichloroethane	48	< 48	U
56-23-5	Carbon Tetrachloride	48	< 48	U
108-05-4	Vinyl Acetate	240	< 240	U
75-27-4	Bromodichloromethane	48	< 48	U
78-87-5	1,2-Dichloropropane	48	< 48	U
10061-01-5	cis-1,3-Dichloropropene	48	< 48	U
79-01-6	Trichloroethene	48	< 48	U
124-48-1	Dibromochloromethane	48	< 48	U
79-00-5	1,1,2-Trichloroethane	48	< 48	U
71-43-2	Benzene	48	< 48	U
10061-02-6	trans-1,3-Dichloropropene	48	< 48	U
110-75-8	2-Chloroethylvinylether	240	< 240	U
75-25-2	Bromoform	48	< 48	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	240	< 240	U
591-78-6	2-Hexanone	240	< 240	U
127-18-4	**Tetrachloroethene**	**48**	**580**	
79-34-5	1,1,2,2-Tetrachloroethane	48	< 48	U
108-88-3	Toluene	48	< 48	U
108-90-7	Chlorobenzene	48	< 48	U
100-41-4	Ethylbenzene	48	< 48	U
100-42-5	Styrene	48	< 48	U
75-69-4	Trichlorofluoromethane	48	< 48	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	96	< 96	U
179601-23-1	m,p-Xylene	48	< 48	U
95-47-6	o-Xylene	48	< 48	U
95-50-1	1,2-Dichlorobenzene	48	< 48	U
541-73-1	1,3-Dichlorobenzene	48	< 48	U
106-46-7	1,4-Dichlorobenzene	48	< 48	U
107-02-8	Acrolein	2,400	< 2,400	U
74-88-4	Methyl Iodide	48	< 48	U
74-96-4	Bromoethane	96	< 96	U
107-13-1	Acrylonitrile	240	< 240	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P3-(5-6)**
 SAMPLE

Lab Sample ID: OU22E QC Report No: OU22-Landau Associates, Inc.
LIMS ID: 09-8665 Project: SAURO
Matrix: Soil
Date Analyzed: 04/08/09 19:15

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	48	< 48	U
74-95-3	Dibromomethane	48	< 48	U
630-20-6	1,1,1,2-Tetrachloroethane	48	< 48	U
96-12-8	1,2-Dibromo-3-chloropropane	240	< 240	U
96-18-4	1,2,3-Trichloropropane	96	< 96	U
110-57-6	trans-1,4-Dichloro-2-butene	240	< 240	U
108-67-8	1,3,5-Trimethylbenzene	48	< 48	U
95-63-6	1,2,4-Trimethylbenzene	48	< 48	U
87-68-3	Hexachlorobutadiene	240	< 240	U
106-93-4	Ethylene Dibromide	48	< 48	U
74-97-5	Bromochloromethane	48	< 48	U
594-20-7	2,2-Dichloropropane	48	< 48	U
142-28-9	1,3-Dichloropropane	48	< 48	U
98-82-8	Isopropylbenzene	48	< 48	U
103-65-1	n-Propylbenzene	48	< 48	U
108-86-1	Bromobenzene	48	< 48	U
95-49-8	2-Chlorotoluene	48	< 48	U
106-43-4	4-Chlorotoluene	48	< 48	U
98-06-6	tert-Butylbenzene	48	< 48	U
135-98-8	sec-Butylbenzene	48	< 48	U
99-87-6	4-Isopropyltoluene	48	< 48	U
104-51-8	n-Butylbenzene	48	< 48	U
120-82-1	1,2,4-Trichlorobenzene	240	< 240	U
91-20-3	Naphthalene	240	< 240	U
87-61-6	1,2,3-Trichlorobenzene	240	< 240	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	96.6%
d8-Toluene	98.0%
Bromofluorobenzene	102%
d4-1,2-Dichlorobenzene	99.5%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P3-(7-8)**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OU22F
LIMS ID: 09-8666
Matrix: Soil
Data Release Authorized:
Reported: 04/14/09

QC Report No: OU22-Landau Associates, Inc.
Project: SAURO

Date Sampled: 04/06/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/08/09 19:43

Sample Amount: 95.4 mg-dry-wt
Purge Volume: 5.0 mL
Moisture: 10.1%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	52	< 52	U
74-83-9	Bromomethane	52	< 52	U
75-01-4	Vinyl Chloride	52	< 52	U
75-00-3	Chloroethane	52	< 52	U
75-09-2	Methylene Chloride	100	< 100	U
67-64-1	Acetone	260	< 260	U
75-15-0	Carbon Disulfide	52	< 52	U
75-35-4	1,1-Dichloroethene	52	< 52	U
75-34-3	1,1-Dichloroethane	52	< 52	U
156-60-5	trans-1,2-Dichloroethene	52	< 52	U
156-59-2	cis-1,2-Dichloroethene	52	< 52	U
67-66-3	Chloroform	52	< 52	U
107-06-2	1,2-Dichloroethane	52	< 52	U
78-93-3	2-Butanone	260	< 260	U
71-55-6	1,1,1-Trichloroethane	52	< 52	U
56-23-5	Carbon Tetrachloride	52	< 52	U
108-05-4	Vinyl Acetate	260	< 260	U
75-27-4	Bromodichloromethane	52	< 52	U
78-87-5	1,2-Dichloropropane	52	< 52	U
10061-01-5	cis-1,3-Dichloropropene	52	< 52	U
79-01-6	Trichloroethene	52	< 52	U
124-48-1	Dibromochloromethane	52	< 52	U
79-00-5	1,1,2-Trichloroethane	52	< 52	U
71-43-2	Benzene	52	< 52	U
10061-02-6	trans-1,3-Dichloropropene	52	< 52	U
110-75-8	2-Chloroethylvinylether	260	< 260	U
75-25-2	Bromoform	52	< 52	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	260	< 260	U
591-78-6	2-Hexanone	260	< 260	U
127-18-4	**Tetrachloroethene**	**52**	**730**	
79-34-5	1,1,2,2-Tetrachloroethane	52	< 52	U
108-88-3	Toluene	52	< 52	U
108-90-7	Chlorobenzene	52	< 52	U
100-41-4	Ethylbenzene	52	< 52	U
100-42-5	Styrene	52	< 52	U
75-69-4	Trichlorofluoromethane	52	< 52	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	100	< 100	U
179601-23-1	m,p-Xylene	52	< 52	U
95-47-6	o-Xylene	52	< 52	U
95-50-1	1,2-Dichlorobenzene	52	< 52	U
541-73-1	1,3-Dichlorobenzene	52	< 52	U
106-46-7	1,4-Dichlorobenzene	52	< 52	U
107-02-8	Acrolein	2,600	< 2,600	U
74-88-4	Methyl Iodide	52	< 52	U
74-96-4	Bromoethane	100	< 100	U
107-13-1	Acrylonitrile	260	< 260	U

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P3-(7-8)**
 SAMPLE

Lab Sample ID: OU22F QC Report No: OU22-Landau Associates, Inc.
LIMS ID: 09-8666 Project: SAURO
Matrix: Soil
Date Analyzed: 04/08/09 19:43

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	52	< 52	U
74-95-3	Dibromomethane	52	< 52	U
630-20-6	1,1,1,2-Tetrachloroethane	52	< 52	U
96-12-8	1,2-Dibromo-3-chloropropane	260	< 260	U
96-18-4	1,2,3-Trichloropropane	100	< 100	U
110-57-6	trans-1,4-Dichloro-2-butene	260	< 260	U
108-67-8	1,3,5-Trimethylbenzene	52	< 52	U
95-63-6	1,2,4-Trimethylbenzene	52	< 52	U
87-68-3	Hexachlorobutadiene	260	< 260	U
106-93-4	Ethylene Dibromide	52	< 52	U
74-97-5	Bromochloromethane	52	< 52	U
594-20-7	2,2-Dichloropropane	52	< 52	U
142-28-9	1,3-Dichloropropane	52	< 52	U
98-82-8	Isopropylbenzene	52	< 52	U
103-65-1	n-Propylbenzene	52	< 52	U
108-86-1	Bromobenzene	52	< 52	U
95-49-8	2-Chlorotoluene	52	< 52	U
106-43-4	4-Chlorotoluene	52	< 52	U
98-06-6	tert-Butylbenzene	52	< 52	U
135-98-8	sec-Butylbenzene	52	< 52	U
99-87-6	4-Isopropyltoluene	52	< 52	U
104-51-8	n-Butylbenzene	52	< 52	U
120-82-1	1,2,4-Trichlorobenzene	260	< 260	U
91-20-3	Naphthalene	260	< 260	U
87-61-6	1,2,3-Trichlorobenzene	260	< 260	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	99.5%
d8-Toluene	98.3%
Bromofluorobenzene	103%
d4-1,2-Dichlorobenzene	101%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P3-(10-11)**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OU22G
LIMS ID: 09-8667
Matrix: Soil
Data Release Authorized:
Reported: 04/14/09

QC Report No: OU22-Landau Associates, Inc.
Project: SAURO

Date Sampled: 04/06/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/08/09 20:10

Sample Amount: 61.8 mg-dry-wt
Purge Volume: 5.0 mL
Moisture: 26.7%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	81	< 81	U
74-83-9	Bromomethane	81	< 81	U
75-01-4	Vinyl Chloride	81	< 81	U
75-00-3	Chloroethane	81	< 81	U
75-09-2	Methylene Chloride	160	< 160	U
67-64-1	Acetone	400	< 400	U
75-15-0	Carbon Disulfide	81	< 81	U
75-35-4	1,1-Dichloroethene	81	< 81	U
75-34-3	1,1-Dichloroethane	81	< 81	U
156-60-5	trans-1,2-Dichloroethene	81	< 81	U
156-59-2	cis-1,2-Dichloroethene	81	< 81	U
67-66-3	Chloroform	81	< 81	U
107-06-2	1,2-Dichloroethane	81	< 81	U
78-93-3	2-Butanone	400	< 400	U
71-55-6	1,1,1-Trichloroethane	81	< 81	U
56-23-5	Carbon Tetrachloride	81	< 81	U
108-05-4	Vinyl Acetate	400	< 400	U
75-27-4	Bromodichloromethane	81	< 81	U
78-87-5	1,2-Dichloropropane	81	< 81	U
10061-01-5	cis-1,3-Dichloropropene	81	< 81	U
79-01-6	Trichloroethene	81	< 81	U
124-48-1	Dibromochloromethane	81	< 81	U
79-00-5	1,1,2-Trichloroethane	81	< 81	U
71-43-2	Benzene	81	< 81	U
10061-02-6	trans-1,3-Dichloropropene	81	< 81	U
110-75-8	2-Chloroethylvinylether	400	< 400	U
75-25-2	Bromoform	81	< 81	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	400	< 400	U
591-78-6	2-Hexanone	400	< 400	U
127-18-4	**Tetrachloroethene**	**81**	**480**	
79-34-5	1,1,2,2-Tetrachloroethane	81	< 81	U
108-88-3	Toluene	81	< 81	U
108-90-7	Chlorobenzene	81	< 81	U
100-41-4	Ethylbenzene	81	< 81	U
100-42-5	Styrene	81	< 81	U
75-69-4	Trichlorofluoromethane	81	< 81	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	160	< 160	U
179601-23-1	m,p-Xylene	81	< 81	U
95-47-6	o-Xylene	81	< 81	U
95-50-1	1,2-Dichlorobenzene	81	< 81	U
541-73-1	1,3-Dichlorobenzene	81	< 81	U
106-46-7	1,4-Dichlorobenzene	81	< 81	U
107-02-8	Acrolein	4,000	< 4,000	U
74-88-4	Methyl Iodide	81	< 81	U
74-96-4	Bromoethane	160	< 160	U
107-13-1	Acrylonitrile	400	< 400	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P3-(10-11)**
 SAMPLE

Lab Sample ID: OU22G QC Report No: OU22-Landau Associates, Inc.
LIMS ID: 09-8667 Project: SAURO
Matrix: Soil
Date Analyzed: 04/08/09 20:10

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	81	< 81	U
74-95-3	Dibromomethane	81	< 81	U
630-20-6	1,1,1,2-Tetrachloroethane	81	< 81	U
96-12-8	1,2-Dibromo-3-chloropropane	400	< 400	U
96-18-4	1,2,3-Trichloropropane	160	< 160	U
110-57-6	trans-1,4-Dichloro-2-butene	400	< 400	U
108-67-8	1,3,5-Trimethylbenzene	81	< 81	U
95-63-6	1,2,4-Trimethylbenzene	81	< 81	U
87-68-3	Hexachlorobutadiene	400	< 400	U
106-93-4	Ethylene Dibromide	81	< 81	U
74-97-5	Bromochloromethane	81	< 81	U
594-20-7	2,2-Dichloropropane	81	< 81	U
142-28-9	1,3-Dichloropropane	81	< 81	U
98-82-8	Isopropylbenzene	81	< 81	U
103-65-1	n-Propylbenzene	81	< 81	U
108-86-1	Bromobenzene	81	< 81	U
95-49-8	2-Chlorotoluene	81	< 81	U
106-43-4	4-Chlorotoluene	81	< 81	U
98-06-6	tert-Butylbenzene	81	< 81	U
135-98-8	sec-Butylbenzene	81	< 81	U
99-87-6	4-Isopropyltoluene	81	< 81	U
104-51-8	n-Butylbenzene	81	< 81	U
120-82-1	1,2,4-Trichlorobenzene	400	< 400	U
91-20-3	Naphthalene	400	< 400	U
87-61-6	1,2,3-Trichlorobenzene	400	< 400	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	98.0%
d8-Toluene	98.3%
Bromofluorobenzene	101%
d4-1,2-Dichlorobenzene	100%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P3-(13.5-14.5)**
 SAMPLE

Lab Sample ID: OU22H
LIMS ID: 09-8668
Matrix: Soil
Data Release Authorized:
Reported: 04/14/09

QC Report No: OU22-Landau Associates, Inc.
Project: SAURO
Date Sampled: 04/06/09
Date Received: 04/06/09

Instrument/Analyst: NT10/JZ
Date Analyzed: 04/09/09 18:07

Sample Amount: 91.3 mg-dry-wt
Purge Volume: 5.0 mL
Moisture: 9.4%

CAS Number	Analyte	RL	Result	Q
74-87-3	**Chloromethane**	**55**	**120**	
74-83-9	**Bromomethane**	**55**	**220**	
75-01-4	Vinyl Chloride	55	< 55	U
75-00-3	Chloroethane	55	< 55	U
75-09-2	Methylene Chloride	110	< 110	U
67-64-1	Acetone	270	< 270	U
75-15-0	Carbon Disulfide	55	< 55	U
75-35-4	1,1-Dichloroethene	55	< 55	U
75-34-3	1,1-Dichloroethane	55	< 55	U
156-60-5	trans-1,2-Dichloroethene	55	< 55	U
156-59-2	cis-1,2-Dichloroethene	55	< 55	U
67-66-3	Chloroform	55	< 55	U
107-06-2	1,2-Dichloroethane	55	< 55	U
78-93-3	2-Butanone	270	< 270	U
71-55-6	1,1,1-Trichloroethane	55	< 55	U
56-23-5	Carbon Tetrachloride	55	< 55	U
108-05-4	Vinyl Acetate	270	< 270	U
75-27-4	Bromodichloromethane	55	< 55	U
78-87-5	1,2-Dichloropropane	55	< 55	U
10061-01-5	cis-1,3-Dichloropropene	55	< 55	U
79-01-6	Trichloroethene	55	< 55	U
124-48-1	Dibromochloromethane	55	< 55	U
79-00-5	1,1,2-Trichloroethane	55	< 55	U
71-43-2	Benzene	55	< 55	U
10061-02-6	trans-1,3-Dichloropropene	55	< 55	U
110-75-8	2-Chloroethylvinylether	270	< 270	U
75-25-2	Bromoform	55	< 55	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	270	< 270	U
591-78-6	2-Hexanone	270	< 270	U
127-18-4	**Tetrachloroethene**	**55**	**570**	
79-34-5	1,1,2,2-Tetrachloroethane	55	< 55	U
108-88-3	Toluene	55	< 55	U
108-90-7	Chlorobenzene	55	< 55	U
100-41-4	Ethylbenzene	55	< 55	U
100-42-5	Styrene	55	< 55	U
75-69-4	Trichlorofluoromethane	55	< 55	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	110	< 110	U
179601-23-1	m,p-Xylene	55	< 55	U
95-47-6	o-Xylene	55	< 55	U
95-50-1	1,2-Dichlorobenzene	55	< 55	U
541-73-1	1,3-Dichlorobenzene	55	< 55	U
106-46-7	1,4-Dichlorobenzene	55	< 55	U
107-02-8	Acrolein	2,700	< 2,700	U
74-88-4	Methyl Iodide	55	< 55	U
74-96-4	Bromoethane	110	< 110	U
107-13-1	Acrylonitrile	270	< 270	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P3-(13.5-14.5)**
 SAMPLE

Lab Sample ID: OU22H
LIMS ID: 09-8668
Matrix: Soil
Date Analyzed: 04/09/09 18:07

QC Report No: OU22-Landau Associates, Inc.
Project: SAURO

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	55	< 55	U
74-95-3	Dibromomethane	55	< 55	U
630-20-6	1,1,1,2-Tetrachloroethane	55	< 55	U
96-12-8	1,2-Dibromo-3-chloropropane	270	< 270	U
96-18-4	1,2,3-Trichloropropane	110	< 110	U
110-57-6	trans-1,4-Dichloro-2-butene	270	< 270	U
108-67-8	1,3,5-Trimethylbenzene	55	< 55	U
95-63-6	1,2,4-Trimethylbenzene	55	< 55	U
87-68-3	Hexachlorobutadiene	270	< 270	U
106-93-4	Ethylene Dibromide	55	< 55	U
74-97-5	Bromochloromethane	55	< 55	U
594-20-7	2,2-Dichloropropane	55	< 55	U
142-28-9	1,3-Dichloropropane	55	< 55	U
98-82-8	Isopropylbenzene	55	< 55	U
103-65-1	n-Propylbenzene	55	< 55	U
108-86-1	Bromobenzene	55	< 55	U
95-49-8	2-Chlorotoluene	55	< 55	U
106-43-4	4-Chlorotoluene	55	< 55	U
98-06-6	tert-Butylbenzene	55	< 55	U
135-98-8	sec-Butylbenzene	55	< 55	U
99-87-6	4-Isopropyltoluene	55	< 55	U
104-51-8	n-Butylbenzene	55	< 55	U
120-82-1	1,2,4-Trichlorobenzene	270	< 270	U
91-20-3	Naphthalene	270	< 270	U
87-61-6	1,2,3-Trichlorobenzene	270	< 270	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	96.0%
d8-Toluene	97.5%
Bromofluorobenzene	104%
d4-1,2-Dichlorobenzene	101%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P1-(5-6)**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OU22I
LIMS ID: 09-8669
Matrix: Soil
Data Release Authorized:
Reported: 04/14/09

QC Report No: OU22-Landau Associates, Inc.
Project: SAURO

Date Sampled: 04/06/09
Date Received: 04/06/09

Instrument/Analyst: NT10/JZ
Date Analyzed: 04/09/09 18:31

Sample Amount: 15.4 mg-dry-wt
Purge Volume: 5.0 mL
Moisture: 12.2%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	320	< 320	U
74-83-9	**Bromomethane**	**320**	**370**	
75-01-4	Vinyl Chloride	320	< 320	U
75-00-3	Chloroethane	320	< 320	U
75-09-2	Methylene Chloride	650	< 650	U
67-64-1	Acetone	1,600	< 1,600	U
75-15-0	Carbon Disulfide	320	< 320	U
75-35-4	1,1-Dichloroethene	320	< 320	U
75-34-3	1,1-Dichloroethane	320	< 320	U
156-60-5	trans-1,2-Dichloroethene	320	< 320	U
156-59-2	cis-1,2-Dichloroethene	320	< 320	U
67-66-3	Chloroform	320	< 320	U
107-06-2	1,2-Dichloroethane	320	< 320	U
78-93-3	2-Butanone	1,600	< 1,600	U
71-55-6	1,1,1-Trichloroethane	320	< 320	U
56-23-5	Carbon Tetrachloride	320	< 320	U
108-05-4	Vinyl Acetate	1,600	< 1,600	U
75-27-4	Bromodichloromethane	320	< 320	U
78-87-5	1,2-Dichloropropane	320	< 320	U
10061-01-5	cis-1,3-Dichloropropene	320	< 320	U
79-01-6	Trichloroethene	320	< 320	U
124-48-1	Dibromochloromethane	320	< 320	U
79-00-5	1,1,2-Trichloroethane	320	< 320	U
71-43-2	Benzene	320	< 320	U
10061-02-6	trans-1,3-Dichloropropene	320	< 320	U
110-75-8	2-Chloroethylvinylether	1,600	< 1,600	U
75-25-2	Bromoform	320	< 320	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1,600	< 1,600	U
591-78-6	2-Hexanone	1,600	< 1,600	U
127-18-4	**Tetrachloroethene**	**320**	**33,000**	
79-34-5	1,1,2,2-Tetrachloroethane	320	< 320	U
108-88-3	Toluene	320	< 320	U
108-90-7	Chlorobenzene	320	< 320	U
100-41-4	Ethylbenzene	320	< 320	U
100-42-5	Styrene	320	< 320	U
75-69-4	Trichlorofluoromethane	320	< 320	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	650	< 650	U
179601-23-1	m,p-Xylene	320	< 320	U
95-47-6	o-Xylene	320	< 320	U
95-50-1	1,2-Dichlorobenzene	320	< 320	U
541-73-1	1,3-Dichlorobenzene	320	< 320	U
106-46-7	1,4-Dichlorobenzene	320	< 320	U
107-02-8	Acrolein	16,000	< 16,000	U
74-88-4	Methyl Iodide	320	< 320	U
74-96-4	Bromoethane	650	< 650	U
107-13-1	Acrylonitrile	1,600	< 1,600	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P1-(5-6)**
 SAMPLE

Lab Sample ID: OU22I QC Report No: OU22-Landau Associates, Inc.
LIMS ID: 09-8669 Project: SAURO
Matrix: Soil
Date Analyzed: 04/09/09 18:31

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	320	< 320	U
74-95-3	Dibromomethane	320	< 320	U
630-20-6	1,1,1,2-Tetrachloroethane	320	< 320	U
96-12-8	1,2-Dibromo-3-chloropropane	1,600	< 1,600	U
96-18-4	1,2,3-Trichloropropane	650	< 650	U
110-57-6	trans-1,4-Dichloro-2-butene	1,600	< 1,600	U
108-67-8	1,3,5-Trimethylbenzene	320	< 320	U
95-63-6	1,2,4-Trimethylbenzene	320	< 320	U
87-68-3	Hexachlorobutadiene	1,600	< 1,600	U
106-93-4	Ethylene Dibromide	320	< 320	U
74-97-5	Bromochloromethane	320	< 320	U
594-20-7	2,2-Dichloropropane	320	< 320	U
142-28-9	1,3-Dichloropropane	320	< 320	U
98-82-8	Isopropylbenzene	320	< 320	U
103-65-1	n-Propylbenzene	320	< 320	U
108-86-1	Bromobenzene	320	< 320	U
95-49-8	2-Chlorotoluene	320	< 320	U
106-43-4	4-Chlorotoluene	320	< 320	U
98-06-6	tert-Butylbenzene	320	< 320	U
135-98-8	sec-Butylbenzene	320	< 320	U
99-87-6	4-Isopropyltoluene	320	< 320	U
104-51-8	n-Butylbenzene	320	< 320	U
120-82-1	1,2,4-Trichlorobenzene	1,600	< 1,600	U
91-20-3	Naphthalene	1,600	< 1,600	U
87-61-6	1,2,3-Trichlorobenzene	1,600	< 1,600	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	97.5%
d8-Toluene	98.0%
Bromofluorobenzene	99.5%
d4-1,2-Dichlorobenzene	102%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P1-(10-11)**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OU22J
LIMS ID: 09-8670
Matrix: Soil
Data Release Authorized:
Reported: 04/14/09

QC Report No: OU22-Landau Associates, Inc.
Project: SAURO
Date Sampled: 04/06/09
Date Received: 04/06/09

Instrument/Analyst: NT10/JZ
Date Analyzed: 04/09/09 18:55

Sample Amount: 95.6 mg-dry-wt
Purge Volume: 5.0 mL
Moisture: 13.4%

CAS Number	Analyte	RL	Result	Q
74-87-3	**Chloromethane**	**52**	**98**	
74-83-9	**Bromomethane**	**52**	**160**	
75-01-4	Vinyl Chloride	52	< 52	U
75-00-3	Chloroethane	52	< 52	U
75-09-2	Methylene Chloride	100	< 100	U
67-64-1	Acetone	260	< 260	U
75-15-0	Carbon Disulfide	52	< 52	U
75-35-4	1,1-Dichloroethene	52	< 52	U
75-34-3	1,1-Dichloroethane	52	< 52	U
156-60-5	trans-1,2-Dichloroethene	52	< 52	U
156-59-2	cis-1,2-Dichloroethene	52	< 52	U
67-66-3	Chloroform	52	< 52	U
107-06-2	1,2-Dichloroethane	52	< 52	U
78-93-3	2-Butanone	260	< 260	U
71-55-6	1,1,1-Trichloroethane	52	< 52	U
56-23-5	Carbon Tetrachloride	52	< 52	U
108-05-4	Vinyl Acetate	260	< 260	U
75-27-4	Bromodichloromethane	52	< 52	U
78-87-5	1,2-Dichloropropane	52	< 52	U
10061-01-5	cis-1,3-Dichloropropene	52	< 52	U
79-01-6	Trichloroethene	52	< 52	U
124-48-1	Dibromochloromethane	52	< 52	U
79-00-5	1,1,2-Trichloroethane	52	< 52	U
71-43-2	Benzene	52	< 52	U
10061-02-6	trans-1,3-Dichloropropene	52	< 52	U
110-75-8	2-Chloroethylvinylether	260	< 260	U
75-25-2	Bromoform	52	< 52	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	260	< 260	U
591-78-6	2-Hexanone	260	< 260	U
127-18-4	**Tetrachloroethene**	**52**	**5,900**	
79-34-5	1,1,2,2-Tetrachloroethane	52	< 52	U
108-88-3	Toluene	52	< 52	U
108-90-7	Chlorobenzene	52	< 52	U
100-41-4	Ethylbenzene	52	< 52	U
100-42-5	Styrene	52	< 52	U
75-69-4	Trichlorofluoromethane	52	< 52	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	100	< 100	U
179601-23-1	m,p-Xylene	52	< 52	U
95-47-6	o-Xylene	52	< 52	U
95-50-1	1,2-Dichlorobenzene	52	< 52	U
541-73-1	1,3-Dichlorobenzene	52	< 52	U
106-46-7	1,4-Dichlorobenzene	52	< 52	U
107-02-8	Acrolein	2,600	< 2,600	U
74-88-4	Methyl Iodide	52	< 52	U
74-96-4	Bromoethane	100	< 100	U
107-13-1	Acrylonitrile	260	< 260	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P1-(10-11)**
Page 2 of 2 **SAMPLE**

Lab Sample ID: OU22J QC Report No: OU22-Landau Associates, Inc.
LIMS ID: 09-8670 Project: SAURO
Matrix: Soil
Date Analyzed: 04/09/09 18:55

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	52	< 52	U
74-95-3	Dibromomethane	52	< 52	U
630-20-6	1,1,1,2-Tetrachloroethane	52	< 52	U
96-12-8	1,2-Dibromo-3-chloropropane	260	< 260	U
96-18-4	1,2,3-Trichloropropane	100	< 100	U
110-57-6	trans-1,4-Dichloro-2-butene	260	< 260	U
108-67-8	1,3,5-Trimethylbenzene	52	< 52	U
95-63-6	1,2,4-Trimethylbenzene	52	< 52	U
87-68-3	Hexachlorobutadiene	260	< 260	U
106-93-4	Ethylene Dibromide	52	< 52	U
74-97-5	Bromochloromethane	52	< 52	U
594-20-7	2,2-Dichloropropane	52	< 52	U
142-28-9	1,3-Dichloropropane	52	< 52	U
98-82-8	Isopropylbenzene	52	< 52	U
103-65-1	n-Propylbenzene	52	< 52	U
108-86-1	Bromobenzene	52	< 52	U
95-49-8	2-Chlorotoluene	52	< 52	U
106-43-4	4-Chlorotoluene	52	< 52	U
98-06-6	tert-Butylbenzene	52	< 52	U
135-98-8	sec-Butylbenzene	52	< 52	U
99-87-6	4-Isopropyltoluene	52	< 52	U
104-51-8	n-Butylbenzene	52	< 52	U
120-82-1	1,2,4-Trichlorobenzene	260	< 260	U
91-20-3	Naphthalene	260	< 260	U
87-61-6	1,2,3-Trichlorobenzene	260	< 260	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	95.6%
d8-Toluene	97.2%
Bromofluorobenzene	99.4%
d4-1,2-Dichlorobenzene	100%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P1-(15-16)**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OU22K
LIMS ID: 09-8671
Matrix: Soil
Data Release Authorized:
Reported: 04/14/09

QC Report No: OU22-Landau Associates, Inc.
Project: SAURO

Date Sampled: 04/06/09
Date Received: 04/06/09

Instrument/Analyst: NT10/JZ
Date Analyzed: 04/09/09 19:19

Sample Amount: 18.0 mg-dry-wt
Purge Volume: 5.0 mL
Moisture: 14.7%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	280	< 280	U
74-83-9	Bromomethane	280	< 280	U
75-01-4	Vinyl Chloride	280	< 280	U
75-00-3	Chloroethane	280	< 280	U
75-09-2	Methylene Chloride	560	< 560	U
67-64-1	Acetone	1,400	< 1,400	U
75-15-0	Carbon Disulfide	280	< 280	U
75-35-4	1,1-Dichloroethene	280	< 280	U
75-34-3	1,1-Dichloroethane	280	< 280	U
156-60-5	trans-1,2-Dichloroethene	280	< 280	U
156-59-2	cis-1,2-Dichloroethene	280	< 280	U
67-66-3	Chloroform	280	< 280	U
107-06-2	1,2-Dichloroethane	280	< 280	U
78-93-3	2-Butanone	1,400	< 1,400	U
71-55-6	1,1,1-Trichloroethane	280	< 280	U
56-23-5	Carbon Tetrachloride	280	< 280	U
108-05-4	Vinyl Acetate	1,400	< 1,400	U
75-27-4	Bromodichloromethane	280	< 280	U
78-87-5	1,2-Dichloropropane	280	< 280	U
10061-01-5	cis-1,3-Dichloropropene	280	< 280	U
79-01-6	Trichloroethene	280	< 280	U
124-48-1	Dibromochloromethane	280	< 280	U
79-00-5	1,1,2-Trichloroethane	280	< 280	U
71-43-2	Benzene	280	< 280	U
10061-02-6	trans-1,3-Dichloropropene	280	< 280	U
110-75-8	2-Chloroethylvinylether	1,400	< 1,400	U
75-25-2	Bromoform	280	< 280	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	1,400	< 1,400	U
591-78-6	2-Hexanone	1,400	< 1,400	U
127-18-4	**Tetrachloroethene**	**280**	**2,100**	
79-34-5	1,1,2,2-Tetrachloroethane	280	< 280	U
108-88-3	Toluene	280	< 280	U
108-90-7	Chlorobenzene	280	< 280	U
100-41-4	Ethylbenzene	280	< 280	U
100-42-5	Styrene	280	< 280	U
75-69-4	Trichlorofluoromethane	280	< 280	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	560	< 560	U
179601-23-1	m,p-Xylene	280	< 280	U
95-47-6	o-Xylene	280	< 280	U
95-50-1	1,2-Dichlorobenzene	280	< 280	U
541-73-1	1,3-Dichlorobenzene	280	< 280	U
106-46-7	1,4-Dichlorobenzene	280	< 280	U
107-02-8	Acrolein	14,000	< 14,000	U
74-88-4	Methyl Iodide	280	< 280	U
74-96-4	Bromoethane	560	< 560	U
107-13-1	Acrylonitrile	1,400	< 1,400	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P1-(15-16)**
 SAMPLE

Lab Sample ID: OU22K QC Report No: OU22-Landau Associates, Inc.
LIMS ID: 09-8671 Project: SAURO
Matrix: Soil
Date Analyzed: 04/09/09 19:19

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	280	< 280	U
74-95-3	Dibromomethane	280	< 280	U
630-20-6	1,1,1,2-Tetrachloroethane	280	< 280	U
96-12-8	1,2-Dibromo-3-chloropropane	1,400	< 1,400	U
96-18-4	1,2,3-Trichloropropane	560	< 560	U
110-57-6	trans-1,4-Dichloro-2-butene	1,400	< 1,400	U
108-67-8	1,3,5-Trimethylbenzene	280	< 280	U
95-63-6	1,2,4-Trimethylbenzene	280	< 280	U
87-68-3	Hexachlorobutadiene	1,400	< 1,400	U
106-93-4	Ethylene Dibromide	280	< 280	U
74-97-5	Bromochloromethane	280	< 280	U
594-20-7	2,2-Dichloropropane	280	< 280	U
142-28-9	1,3-Dichloropropane	280	< 280	U
98-82-8	Isopropylbenzene	280	< 280	U
103-65-1	n-Propylbenzene	280	< 280	U
108-86-1	Bromobenzene	280	< 280	U
95-49-8	2-Chlorotoluene	280	< 280	U
106-43-4	4-Chlorotoluene	280	< 280	U
98-06-6	tert-Butylbenzene	280	< 280	U
135-98-8	sec-Butylbenzene	280	< 280	U
99-87-6	4-Isopropyltoluene	280	< 280	U
104-51-8	n-Butylbenzene	280	< 280	U
120-82-1	1,2,4-Trichlorobenzene	1,400	< 1,400	U
91-20-3	Naphthalene	1,400	< 1,400	U
87-61-6	1,2,3-Trichlorobenzene	1,400	< 1,400	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	98.6%
d8-Toluene	97.7%
Bromofluorobenzene	101%
d4-1,2-Dichlorobenzene	102%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P1-(18.5-19.5)**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OU22L
LIMS ID: 09-8672
Matrix: Soil
Data Release Authorized:
Reported: 04/14/09

QC Report No: OU22-Landau Associates, Inc.
Project: SAURO

Date Sampled: 04/06/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/09/09 13:57

Sample Amount: 4.89 g-dry-wt
Purge Volume: 5.0 mL
Moisture: 16.8%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	1.0	< 1.0	U
74-83-9	Bromomethane	1.0	< 1.0	U
75-01-4	Vinyl Chloride	1.0	< 1.0	U
75-00-3	Chloroethane	1.0	< 1.0	U
75-09-2	**Methylene Chloride**	**2.0**	**3.4**	
67-64-1	**Acetone**	**5.1**	**55**	
75-15-0	**Carbon Disulfide**	**1.0**	**2.5**	
75-35-4	1,1-Dichloroethene	1.0	< 1.0	U
75-34-3	1,1-Dichloroethane	1.0	< 1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	< 1.0	U
67-66-3	Chloroform	1.0	< 1.0	U
107-06-2	1,2-Dichloroethane	1.0	< 1.0	U
78-93-3	2-Butanone	5.1	< 5.1	U
71-55-6	1,1,1-Trichloroethane	1.0	< 1.0	U
56-23-5	Carbon Tetrachloride	1.0	< 1.0	U
108-05-4	Vinyl Acetate	5.1	< 5.1	U
75-27-4	Bromodichloromethane	1.0	< 1.0	U
78-87-5	1,2-Dichloropropane	1.0	< 1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	< 1.0	U
79-01-6	**Trichloroethene**	**1.0**	**1.8**	
124-48-1	Dibromochloromethane	1.0	< 1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	< 1.0	U
71-43-2	Benzene	1.0	< 1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	< 1.0	U
110-75-8	2-Chloroethylvinylether	5.1	< 5.1	U
75-25-2	Bromoform	1.0	< 1.0	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.1	< 5.1	U
591-78-6	2-Hexanone	5.1	< 5.1	U
127-18-4	**Tetrachloroethene**	**1.0**	**7.3**	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	< 1.0	U
108-88-3	Toluene	1.0	< 1.0	U
108-90-7	Chlorobenzene	1.0	< 1.0	U
100-41-4	Ethylbenzene	1.0	< 1.0	U
100-42-5	Styrene	1.0	< 1.0	U
75-69-4	Trichlorofluoromethane	1.0	< 1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	2.0	< 2.0	U
179601-23-1	m,p-Xylene	1.0	< 1.0	U
95-47-6	o-Xylene	1.0	< 1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	< 1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	< 1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	< 1.0	U
107-02-8	Acrolein	51	< 51	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	2.0	< 2.0	U
107-13-1	Acrylonitrile	5.1	< 5.1	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P1-(18.5-19.5)**
Page 2 of 2 **SAMPLE**

Lab Sample ID: OU22L
LIMS ID: 09-8672
Matrix: Soil
Date Analyzed: 04/09/09 13:57

QC Report No: OU22-Landau Associates, Inc.
Project: SAURO

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	1.0	< 1.0	U
74-95-3	Dibromomethane	1.0	< 1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	< 1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.1	< 5.1	U
96-18-4	1,2,3-Trichloropropane	2.0	< 2.0	U
110-57-6	trans-1,4-Dichloro-2-butene	5.1	< 5.1	U
108-67-8	1,3,5-Trimethylbenzene	1.0	< 1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	< 1.0	U
87-68-3	Hexachlorobutadiene	5.1	< 5.1	U
106-93-4	Ethylene Dibromide	1.0	< 1.0	U
74-97-5	Bromochloromethane	1.0	< 1.0	U
594-20-7	2,2-Dichloropropane	1.0	< 1.0	U
142-28-9	1,3-Dichloropropane	1.0	< 1.0	U
98-82-8	Isopropylbenzene	1.0	< 1.0	U
103-65-1	n-Propylbenzene	1.0	< 1.0	U
108-86-1	Bromobenzene	1.0	< 1.0	U
95-49-8	2-Chlorotoluene	1.0	< 1.0	U
106-43-4	4-Chlorotoluene	1.0	< 1.0	U
98-06-6	tert-Butylbenzene	1.0	< 1.0	U
135-98-8	sec-Butylbenzene	1.0	< 1.0	U
99-87-6	4-Isopropyltoluene	1.0	< 1.0	U
104-51-8	n-Butylbenzene	1.0	< 1.0	U
120-82-1	1,2,4-Trichlorobenzene	5.1	< 5.1	U
91-20-3	Naphthalene	5.1	< 5.1	U
87-61-6	1,2,3-Trichlorobenzene	5.1	< 5.1	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	106%
d8-Toluene	96.3%
Bromofluorobenzene	95.5%
d4-1,2-Dichlorobenzene	104%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P7-(3-4)**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OU22M
LIMS ID: 09-8673
Matrix: Soil
Data Release Authorized:
Reported: 04/14/09

QC Report No: OU22-Landau Associates, Inc.
Project: SAURO
Date Sampled: 04/06/09
Date Received: 04/06/09

Instrument/Analyst: NT10/JZ
Date Analyzed: 04/09/09 19:42

Sample Amount: 90.6 mg-dry-wt
Purge Volume: 5.0 mL
Moisture: 5.9%

CAS Number	Analyte	RL	Result	Q
74-87-3	**Chloromethane**	**55**	**90**	
74-83-9	**Bromomethane**	**55**	**140**	
75-01-4	Vinyl Chloride	55	< 55	U
75-00-3	Chloroethane	55	< 55	U
75-09-2	Methylene Chloride	110	< 110	U
67-64-1	Acetone	280	< 280	U
75-15-0	Carbon Disulfide	55	< 55	U
75-35-4	1,1-Dichloroethene	55	< 55	U
75-34-3	1,1-Dichloroethane	55	< 55	U
156-60-5	trans-1,2-Dichloroethene	55	< 55	U
156-59-2	cis-1,2-Dichloroethene	55	< 55	U
67-66-3	Chloroform	55	< 55	U
107-06-2	1,2-Dichloroethane	55	< 55	U
78-93-3	2-Butanone	280	< 280	U
71-55-6	1,1,1-Trichloroethane	55	< 55	U
56-23-5	Carbon Tetrachloride	55	< 55	U
108-05-4	Vinyl Acetate	280	< 280	U
75-27-4	Bromodichloromethane	55	< 55	U
78-87-5	1,2-Dichloropropane	55	< 55	U
10061-01-5	cis-1,3-Dichloropropene	55	< 55	U
79-01-6	Trichloroethene	55	< 55	U
124-48-1	Dibromochloromethane	55	< 55	U
79-00-5	1,1,2-Trichloroethane	55	< 55	U
71-43-2	Benzene	55	< 55	U
10061-02-6	trans-1,3-Dichloropropene	55	< 55	U
110-75-8	2-Chloroethylvinylether	280	< 280	U
75-25-2	Bromoform	55	< 55	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	280	< 280	U
591-78-6	2-Hexanone	280	< 280	U
127-18-4	**Tetrachloroethene**	**55**	**840**	
79-34-5	1,1,2,2-Tetrachloroethane	55	< 55	U
108-88-3	Toluene	55	< 55	U
108-90-7	Chlorobenzene	55	< 55	U
100-41-4	Ethylbenzene	55	< 55	U
100-42-5	Styrene	55	< 55	U
75-69-4	Trichlorofluoromethane	55	< 55	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	110	< 110	U
179601-23-1	m,p-Xylene	55	< 55	U
95-47-6	o-Xylene	55	< 55	U
95-50-1	1,2-Dichlorobenzene	55	< 55	U
541-73-1	1,3-Dichlorobenzene	55	< 55	U
106-46-7	1,4-Dichlorobenzene	55	< 55	U
107-02-8	Acrolein	2,800	< 2,800	U
74-88-4	Methyl Iodide	55	< 55	U
74-96-4	Bromoethane	110	< 110	U
107-13-1	Acrylonitrile	280	< 280	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P7-(3-4)**
 SAMPLE

Lab Sample ID: OU22M QC Report No: OU22-Landau Associates, Inc.
LIMS ID: 09-8673 Project: SAURO
Matrix: Soil
Date Analyzed: 04/09/09 19:42

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	55	< 55	U
74-95-3	Dibromomethane	55	< 55	U
630-20-6	1,1,1,2-Tetrachloroethane	55	< 55	U
96-12-8	1,2-Dibromo-3-chloropropane	280	< 280	U
96-18-4	1,2,3-Trichloropropane	110	< 110	U
110-57-6	trans-1,4-Dichloro-2-butene	280	< 280	U
108-67-8	1,3,5-Trimethylbenzene	55	< 55	U
95-63-6	1,2,4-Trimethylbenzene	55	< 55	U
87-68-3	Hexachlorobutadiene	280	< 280	U
106-93-4	Ethylene Dibromide	55	< 55	U
74-97-5	Bromochloromethane	55	< 55	U
594-20-7	2,2-Dichloropropane	55	< 55	U
142-28-9	1,3-Dichloropropane	55	< 55	U
98-82-8	Isopropylbenzene	55	< 55	U
103-65-1	n-Propylbenzene	55	< 55	U
108-86-1	Bromobenzene	55	< 55	U
95-49-8	2-Chlorotoluene	55	< 55	U
106-43-4	4-Chlorotoluene	55	< 55	U
98-06-6	tert-Butylbenzene	55	< 55	U
135-98-8	sec-Butylbenzene	55	< 55	U
99-87-6	4-Isopropyltoluene	55	< 55	U
104-51-8	n-Butylbenzene	55	< 55	U
120-82-1	1,2,4-Trichlorobenzene	280	< 280	U
91-20-3	Naphthalene	280	< 280	U
87-61-6	1,2,3-Trichlorobenzene	280	< 280	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	95.8%
d8-Toluene	97.3%
Bromofluorobenzene	98.3%
d4-1,2-Dichlorobenzene	99.9%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P7-(7.5-8.5)**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OU22N
LIMS ID: 09-8674
Matrix: Soil
Data Release Authorized:
Reported: 04/14/09

QC Report No: OU22-Landau Associates, Inc.
Project: SAURO
Date Sampled: 04/06/09
Date Received: 04/06/09

Instrument/Analyst: NT10/JZ
Date Analyzed: 04/09/09 20:06

Sample Amount: 96.5 mg-dry-wt
Purge Volume: 5.0 mL
Moisture: 12.7%

CAS Number	Analyte	RL	Result	Q
74-87-3	**Chloromethane**	**52**	**92**	
74-83-9	**Bromomethane**	**52**	**120**	
75-01-4	Vinyl Chloride	52	< 52	U
75-00-3	Chloroethane	52	< 52	U
75-09-2	Methylene Chloride	100	< 100	U
67-64-1	Acetone	260	< 260	U
75-15-0	Carbon Disulfide	52	< 52	U
75-35-4	1,1-Dichloroethene	52	< 52	U
75-34-3	1,1-Dichloroethane	52	< 52	U
156-60-5	trans-1,2-Dichloroethene	52	< 52	U
156-59-2	cis-1,2-Dichloroethene	52	< 52	U
67-66-3	Chloroform	52	< 52	U
107-06-2	1,2-Dichloroethane	52	< 52	U
78-93-3	2-Butanone	260	< 260	U
71-55-6	1,1,1-Trichloroethane	52	< 52	U
56-23-5	Carbon Tetrachloride	52	< 52	U
108-05-4	Vinyl Acetate	260	< 260	U
75-27-4	Bromodichloromethane	52	< 52	U
78-87-5	1,2-Dichloropropane	52	< 52	U
10061-01-5	cis-1,3-Dichloropropene	52	< 52	U
79-01-6	Trichloroethene	52	< 52	U
124-48-1	Dibromochloromethane	52	< 52	U
79-00-5	1,1,2-Trichloroethane	52	< 52	U
71-43-2	Benzene	52	< 52	U
10061-02-6	trans-1,3-Dichloropropene	52	< 52	U
110-75-8	2-Chloroethylvinylether	260	< 260	U
75-25-2	Bromoform	52	< 52	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	260	< 260	U
591-78-6	2-Hexanone	260	< 260	U
127-18-4	**Tetrachloroethene**	**52**	**1,600**	
79-34-5	1,1,2,2-Tetrachloroethane	52	< 52	U
108-88-3	Toluene	52	< 52	U
108-90-7	Chlorobenzene	52	< 52	U
100-41-4	Ethylbenzene	52	< 52	U
100-42-5	Styrene	52	< 52	U
75-69-4	Trichlorofluoromethane	52	< 52	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	100	< 100	U
179601-23-1	m,p-Xylene	52	< 52	U
95-47-6	o-Xylene	52	< 52	U
95-50-1	1,2-Dichlorobenzene	52	< 52	U
541-73-1	1,3-Dichlorobenzene	52	< 52	U
106-46-7	1,4-Dichlorobenzene	52	< 52	U
107-02-8	Acrolein	2,600	< 2,600	U
74-88-4	Methyl Iodide	52	< 52	U
74-96-4	Bromoethane	100	< 100	U
107-13-1	Acrylonitrile	260	< 260	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P7-(7.5-8.5)**
Page 2 of 2 **SAMPLE**

Lab Sample ID: OU22N QC Report No: OU22-Landau Associates, Inc.
LIMS ID: 09-8674 Project: SAURO
Matrix: Soil
Date Analyzed: 04/09/09 20:06

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	52	< 52	U
74-95-3	Dibromomethane	52	< 52	U
630-20-6	1,1,1,2-Tetrachloroethane	52	< 52	U
96-12-8	1,2-Dibromo-3-chloropropane	260	< 260	U
96-18-4	1,2,3-Trichloropropane	100	< 100	U
110-57-6	trans-1,4-Dichloro-2-butene	260	< 260	U
108-67-8	1,3,5-Trimethylbenzene	52	< 52	U
95-63-6	1,2,4-Trimethylbenzene	52	< 52	U
87-68-3	Hexachlorobutadiene	260	< 260	U
106-93-4	Ethylene Dibromide	52	< 52	U
74-97-5	Bromochloromethane	52	< 52	U
594-20-7	2,2-Dichloropropane	52	< 52	U
142-28-9	1,3-Dichloropropane	52	< 52	U
98-82-8	Isopropylbenzene	52	< 52	U
103-65-1	n-Propylbenzene	52	< 52	U
108-86-1	Bromobenzene	52	< 52	U
95-49-8	2-Chlorotoluene	52	< 52	U
106-43-4	4-Chlorotoluene	52	< 52	U
98-06-6	tert-Butylbenzene	52	< 52	U
135-98-8	sec-Butylbenzene	52	< 52	U
99-87-6	4-Isopropyltoluene	52	< 52	U
104-51-8	n-Butylbenzene	52	< 52	U
120-82-1	1,2,4-Trichlorobenzene	260	< 260	U
91-20-3	Naphthalene	260	< 260	U
87-61-6	1,2,3-Trichlorobenzene	260	< 260	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	95.7%
d8-Toluene	96.8%
Bromofluorobenzene	99.1%
d4-1,2-Dichlorobenzene	101%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P7-(11.5-12.5)**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OU220
LIMS ID: 09-8675
Matrix: Soil
Data Release Authorized:
Reported: 04/14/09

QC Report No: OU22-Landau Associates, Inc.
Project: SAURO

Date Sampled: 04/06/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/09/09 15:49

Sample Amount: 4.54 g-dry-wt
Purge Volume: 5.0 mL
Moisture: 19.7%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	1.1	< 1.1	U
74-83-9	Bromomethane	1.1	< 1.1	U
75-01-4	Vinyl Chloride	1.1	< 1.1	U
75-00-3	Chloroethane	1.1	< 1.1	U
75-09-2	**Methylene Chloride**	**2.2**	**2.2**	
67-64-1	**Acetone**	**5.5**	**13**	
75-15-0	Carbon Disulfide	1.1	< 1.1	U
75-35-4	1,1-Dichloroethene	1.1	< 1.1	U
75-34-3	1,1-Dichloroethane	1.1	< 1.1	U
156-60-5	trans-1,2-Dichloroethene	1.1	< 1.1	U
156-59-2	**cis-1,2-Dichloroethene**	**1.1**	**7.9**	
67-66-3	Chloroform	1.1	< 1.1	U
107-06-2	1,2-Dichloroethane	1.1	< 1.1	U
78-93-3	2-Butanone	5.5	< 5.5	U
71-55-6	1,1,1-Trichloroethane	1.1	< 1.1	U
56-23-5	Carbon Tetrachloride	1.1	< 1.1	U
108-05-4	Vinyl Acetate	5.5	< 5.5	U
75-27-4	Bromodichloromethane	1.1	< 1.1	U
78-87-5	1,2-Dichloropropane	1.1	< 1.1	U
10061-01-5	cis-1,3-Dichloropropene	1.1	< 1.1	U
79-01-6	**Trichloroethene**	**1.1**	**4.5**	
124-48-1	Dibromochloromethane	1.1	< 1.1	U
79-00-5	1,1,2-Trichloroethane	1.1	< 1.1	U
71-43-2	Benzene	1.1	< 1.1	U
10061-02-6	trans-1,3-Dichloropropene	1.1	< 1.1	U
110-75-8	2-Chloroethylvinylether	5.5	< 5.5	U
75-25-2	Bromoform	1.1	< 1.1	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.5	< 5.5	U
591-78-6	2-Hexanone	5.5	< 5.5	U
127-18-4	**Tetrachloroethene**	**1.1**	**160**	
79-34-5	1,1,2,2-Tetrachloroethane	1.1	< 1.1	U
108-88-3	Toluene	1.1	< 1.1	U
108-90-7	Chlorobenzene	1.1	< 1.1	U
100-41-4	Ethylbenzene	1.1	< 1.1	U
100-42-5	Styrene	1.1	< 1.1	U
75-69-4	Trichlorofluoromethane	1.1	< 1.1	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	2.2	< 2.2	U
179601-23-1	m,p-Xylene	1.1	< 1.1	U
95-47-6	o-Xylene	1.1	< 1.1	U
95-50-1	1,2-Dichlorobenzene	1.1	< 1.1	U
541-73-1	1,3-Dichlorobenzene	1.1	< 1.1	U
106-46-7	1,4-Dichlorobenzene	1.1	< 1.1	U
107-02-8	Acrolein	55	< 55	U
74-88-4	Methyl Iodide	1.1	< 1.1	U
74-96-4	Bromoethane	2.2	< 2.2	U
107-13-1	Acrylonitrile	5.5	< 5.5	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P7-(11.5-12.5)**
 SAMPLE

Lab Sample ID: OU220 QC Report No: OU22-Landau Associates, Inc.
LIMS ID: 09-8675 Project: SAURO
Matrix: Soil
Date Analyzed: 04/09/09 15:49

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	1.1	< 1.1	U
74-95-3	Dibromomethane	1.1	< 1.1	U
630-20-6	1,1,1,2-Tetrachloroethane	1.1	< 1.1	U
96-12-8	1,2-Dibromo-3-chloropropane	5.5	< 5.5	U
96-18-4	1,2,3-Trichloropropane	2.2	< 2.2	U
110-57-6	trans-1,4-Dichloro-2-butene	5.5	< 5.5	U
108-67-8	1,3,5-Trimethylbenzene	1.1	< 1.1	U
95-63-6	1,2,4-Trimethylbenzene	1.1	< 1.1	U
87-68-3	Hexachlorobutadiene	5.5	< 5.5	U
106-93-4	Ethylene Dibromide	1.1	< 1.1	U
74-97-5	Bromochloromethane	1.1	< 1.1	U
594-20-7	2,2-Dichloropropane	1.1	< 1.1	U
142-28-9	1,3-Dichloropropane	1.1	< 1.1	U
98-82-8	Isopropylbenzene	1.1	< 1.1	U
103-65-1	n-Propylbenzene	1.1	< 1.1	U
108-86-1	Bromobenzene	1.1	< 1.1	U
95-49-8	2-Chlorotoluene	1.1	< 1.1	U
106-43-4	4-Chlorotoluene	1.1	< 1.1	U
98-06-6	tert-Butylbenzene	1.1	< 1.1	U
135-98-8	sec-Butylbenzene	1.1	< 1.1	U
99-87-6	4-Isopropyltoluene	1.1	< 1.1	U
104-51-8	n-Butylbenzene	1.1	< 1.1	U
120-82-1	1,2,4-Trichlorobenzene	5.5	< 5.5	U
91-20-3	Naphthalene	5.5	< 5.5	U
87-61-6	1,2,3-Trichlorobenzene	5.5	< 5.5	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	109%
d8-Toluene	97.3%
Bromofluorobenzene	100%
d4-1,2-Dichlorobenzene	102%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P11-(5-6)**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OU22P
LIMS ID: 09-8676
Matrix: Soil
Data Release Authorized:
Reported: 04/14/09

QC Report No: OU22-Landau Associates, Inc.
Project: SAURO

Date Sampled: 04/06/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/09/09 14:24

Sample Amount: 4.61 g-dry-wt
Purge Volume: 5.0 mL
Moisture: 12.3%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	1.1	< 1.1	U
74-83-9	Bromomethane	1.1	< 1.1	U
75-01-4	Vinyl Chloride	1.1	< 1.1	U
75-00-3	Chloroethane	1.1	< 1.1	U
75-09-2	**Methylene Chloride**	**2.2**	**3.8**	
67-64-1	**Acetone**	**5.4**	**32**	
75-15-0	Carbon Disulfide	1.1	< 1.1	U
75-35-4	1,1-Dichloroethene	1.1	< 1.1	U
75-34-3	1,1-Dichloroethane	1.1	< 1.1	U
156-60-5	trans-1,2-Dichloroethene	1.1	< 1.1	U
156-59-2	cis-1,2-Dichloroethene	1.1	< 1.1	U
67-66-3	Chloroform	1.1	< 1.1	U
107-06-2	1,2-Dichloroethane	1.1	< 1.1	U
78-93-3	2-Butanone	5.4	< 5.4	U
71-55-6	1,1,1-Trichloroethane	1.1	< 1.1	U
56-23-5	Carbon Tetrachloride	1.1	< 1.1	U
108-05-4	Vinyl Acetate	5.4	< 5.4	U
75-27-4	Bromodichloromethane	1.1	< 1.1	U
78-87-5	1,2-Dichloropropane	1.1	< 1.1	U
10061-01-5	cis-1,3-Dichloropropene	1.1	< 1.1	U
79-01-6	**Trichloroethene**	**1.1**	**1.6**	
124-48-1	Dibromochloromethane	1.1	< 1.1	U
79-00-5	1,1,2-Trichloroethane	1.1	< 1.1	U
71-43-2	Benzene	1.1	< 1.1	U
10061-02-6	trans-1,3-Dichloropropene	1.1	< 1.1	U
110-75-8	2-Chloroethylvinylether	5.4	< 5.4	U
75-25-2	Bromoform	1.1	< 1.1	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.4	< 5.4	U
591-78-6	2-Hexanone	5.4	< 5.4	U
127-18-4	**Tetrachloroethene**	**1.1**	**43**	
79-34-5	1,1,2,2-Tetrachloroethane	1.1	< 1.1	U
108-88-3	Toluene	1.1	< 1.1	U
108-90-7	Chlorobenzene	1.1	< 1.1	U
100-41-4	Ethylbenzene	1.1	< 1.1	U
100-42-5	Styrene	1.1	< 1.1	U
75-69-4	Trichlorofluoromethane	1.1	< 1.1	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	2.2	< 2.2	U
179601-23-1	m,p-Xylene	1.1	< 1.1	U
95-47-6	o-Xylene	1.1	< 1.1	U
95-50-1	1,2-Dichlorobenzene	1.1	< 1.1	U
541-73-1	1,3-Dichlorobenzene	1.1	< 1.1	U
106-46-7	1,4-Dichlorobenzene	1.1	< 1.1	U
107-02-8	Acrolein	54	< 54	U
74-88-4	Methyl Iodide	1.1	< 1.1	U
74-96-4	Bromoethane	2.2	< 2.2	U
107-13-1	Acrylonitrile	5.4	< 5.4	U

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P11-(5-6)**
 SAMPLE

Lab Sample ID: OU22P QC Report No: OU22-Landau Associates, Inc.
LIMS ID: 09-8676 Project: SAURO
Matrix: Soil
Date Analyzed: 04/09/09 14:24

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	1.1	< 1.1	U
74-95-3	Dibromomethane	1.1	< 1.1	U
630-20-6	1,1,1,2-Tetrachloroethane	1.1	< 1.1	U
96-12-8	1,2-Dibromo-3-chloropropane	5.4	< 5.4	U
96-18-4	1,2,3-Trichloropropane	2.2	< 2.2	U
110-57-6	trans-1,4-Dichloro-2-butene	5.4	< 5.4	U
108-67-8	1,3,5-Trimethylbenzene	1.1	< 1.1	U
95-63-6	1,2,4-Trimethylbenzene	1.1	< 1.1	U
87-68-3	Hexachlorobutadiene	5.4	< 5.4	U
106-93-4	Ethylene Dibromide	1.1	< 1.1	U
74-97-5	Bromochloromethane	1.1	< 1.1	U
594-20-7	2,2-Dichloropropane	1.1	< 1.1	U
142-28-9	1,3-Dichloropropane	1.1	< 1.1	U
98-82-8	Isopropylbenzene	1.1	< 1.1	U
103-65-1	n-Propylbenzene	1.1	< 1.1	U
108-86-1	Bromobenzene	1.1	< 1.1	U
95-49-8	2-Chlorotoluene	1.1	< 1.1	U
106-43-4	4-Chlorotoluene	1.1	< 1.1	U
98-06-6	tert-Butylbenzene	1.1	< 1.1	U
135-98-8	sec-Butylbenzene	1.1	< 1.1	U
99-87-6	4-Isopropyltoluene	1.1	< 1.1	U
104-51-8	n-Butylbenzene	1.1	< 1.1	U
120-82-1	1,2,4-Trichlorobenzene	5.4	< 5.4	U
91-20-3	Naphthalene	5.4	< 5.4	U
87-61-6	1,2,3-Trichlorobenzene	5.4	< 5.4	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	106%
d8-Toluene	97.0%
Bromofluorobenzene	101%
d4-1,2-Dichlorobenzene	102%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P11-(9.5-10.5)**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OU22Q
LIMS ID: 09-8677
Matrix: Soil
Data Release Authorized:
Reported: 04/14/09

QC Report No: OU22-Landau Associates, Inc.
Project: SAURO
Date Sampled: 04/06/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/09/09 14:53

Sample Amount: 4.96 g-dry-wt
Purge Volume: 5.0 mL
Moisture: 11.0%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	1.0	< 1.0	U
74-83-9	Bromomethane	1.0	< 1.0	U
75-01-4	Vinyl Chloride	1.0	< 1.0	U
75-00-3	Chloroethane	1.0	< 1.0	U
75-09-2	**Methylene Chloride**	**2.0**	**3.1**	
67-64-1	**Acetone**	**5.0**	**25**	
75-15-0	Carbon Disulfide	1.0	< 1.0	U
75-35-4	1,1-Dichloroethene	1.0	< 1.0	U
75-34-3	1,1-Dichloroethane	1.0	< 1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	< 1.0	U
67-66-3	Chloroform	1.0	< 1.0	U
107-06-2	1,2-Dichloroethane	1.0	< 1.0	U
78-93-3	2-Butanone	5.0	< 5.0	U
71-55-6	1,1,1-Trichloroethane	1.0	< 1.0	U
56-23-5	Carbon Tetrachloride	1.0	< 1.0	U
108-05-4	Vinyl Acetate	5.0	< 5.0	U
75-27-4	Bromodichloromethane	1.0	< 1.0	U
78-87-5	1,2-Dichloropropane	1.0	< 1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	< 1.0	U
79-01-6	**Trichloroethene**	**1.0**	**2.8**	
124-48-1	Dibromochloromethane	1.0	< 1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	< 1.0	U
71-43-2	Benzene	1.0	< 1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	< 1.0	U
110-75-8	2-Chloroethylvinylether	5.0	< 5.0	U
75-25-2	Bromoform	1.0	< 1.0	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	< 5.0	U
591-78-6	2-Hexanone	5.0	< 5.0	U
127-18-4	**Tetrachloroethene**	**1.0**	**90**	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	< 1.0	U
108-88-3	Toluene	1.0	< 1.0	U
108-90-7	Chlorobenzene	1.0	< 1.0	U
100-41-4	Ethylbenzene	1.0	< 1.0	U
100-42-5	Styrene	1.0	< 1.0	U
75-69-4	Trichlorofluoromethane	1.0	< 1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	2.0	< 2.0	U
179601-23-1	m,p-Xylene	1.0	< 1.0	U
95-47-6	o-Xylene	1.0	< 1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	< 1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	< 1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	< 1.0	U
107-02-8	Acrolein	50	< 50	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	2.0	< 2.0	U
107-13-1	Acrylonitrile	5.0	< 5.0	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P11-(9.5-10.5)**
 SAMPLE

Lab Sample ID: OU22Q
LIMS ID: 09-8677
Matrix: Soil
Date Analyzed: 04/09/09 14:53

QC Report No: OU22-Landau Associates, Inc.
Project: SAURO

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	1.0	< 1.0	U
74-95-3	Dibromomethane	1.0	< 1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	< 1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	< 5.0	U
96-18-4	1,2,3-Trichloropropane	2.0	< 2.0	U
110-57-6	trans-1,4-Dichloro-2-butene	5.0	< 5.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	< 1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	< 1.0	U
87-68-3	Hexachlorobutadiene	5.0	< 5.0	U
106-93-4	Ethylene Dibromide	1.0	< 1.0	U
74-97-5	Bromochloromethane	1.0	< 1.0	U
594-20-7	2,2-Dichloropropane	1.0	< 1.0	U
142-28-9	1,3-Dichloropropane	1.0	< 1.0	U
98-82-8	Isopropylbenzene	1.0	< 1.0	U
103-65-1	n-Propylbenzene	1.0	< 1.0	U
108-86-1	Bromobenzene	1.0	< 1.0	U
95-49-8	2-Chlorotoluene	1.0	< 1.0	U
106-43-4	4-Chlorotoluene	1.0	< 1.0	U
98-06-6	tert-Butylbenzene	1.0	< 1.0	U
135-98-8	sec-Butylbenzene	1.0	< 1.0	U
99-87-6	4-Isopropyltoluene	1.0	< 1.0	U
104-51-8	n-Butylbenzene	1.0	< 1.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	< 5.0	U
91-20-3	Naphthalene	5.0	< 5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	< 5.0	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	112%
d8-Toluene	96.3%
Bromofluorobenzene	97.7%
d4-1,2-Dichlorobenzene	104%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P11-(15-16)**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OU22R
LIMS ID: 09-8678
Matrix: Soil
Data Release Authorized:
Reported: 04/14/09

QC Report No: OU22-Landau Associates, Inc.
Project: SAURO
Date Sampled: 04/06/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/09/09 15:21

Sample Amount: 4.22 g-dry-wt
Purge Volume: 5.0 mL
Moisture: 22.6%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	1.2	< 1.2	U
74-83-9	Bromomethane	1.2	< 1.2	U
75-01-4	Vinyl Chloride	1.2	< 1.2	U
75-00-3	Chloroethane	1.2	< 1.2	U
75-09-2	**Methylene Chloride**	**2.4**	**2.4**	
67-64-1	**Acetone**	**5.9**	**11**	
75-15-0	Carbon Disulfide	1.2	< 1.2	U
75-35-4	1,1-Dichloroethene	1.2	< 1.2	U
75-34-3	1,1-Dichloroethane	1.2	< 1.2	U
156-60-5	trans-1,2-Dichloroethene	1.2	< 1.2	U
156-59-2	cis-1,2-Dichloroethene	1.2	< 1.2	U
67-66-3	Chloroform	1.2	< 1.2	U
107-06-2	1,2-Dichloroethane	1.2	< 1.2	U
78-93-3	2-Butanone	5.9	< 5.9	U
71-55-6	1,1,1-Trichloroethane	1.2	< 1.2	U
56-23-5	Carbon Tetrachloride	1.2	< 1.2	U
108-05-4	Vinyl Acetate	5.9	< 5.9	U
75-27-4	Bromodichloromethane	1.2	< 1.2	U
78-87-5	1,2-Dichloropropane	1.2	< 1.2	U
10061-01-5	cis-1,3-Dichloropropene	1.2	< 1.2	U
79-01-6	Trichloroethene	1.2	< 1.2	U
124-48-1	Dibromochloromethane	1.2	< 1.2	U
79-00-5	1,1,2-Trichloroethane	1.2	< 1.2	U
71-43-2	Benzene	1.2	< 1.2	U
10061-02-6	trans-1,3-Dichloropropene	1.2	< 1.2	U
110-75-8	2-Chloroethylvinylether	5.9	< 5.9	U
75-25-2	Bromoform	1.2	< 1.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.9	< 5.9	U
591-78-6	2-Hexanone	5.9	< 5.9	U
127-18-4	**Tetrachloroethene**	**1.2**	**12**	
79-34-5	1,1,2,2-Tetrachloroethane	1.2	< 1.2	U
108-88-3	Toluene	1.2	< 1.2	U
108-90-7	Chlorobenzene	1.2	< 1.2	U
100-41-4	Ethylbenzene	1.2	< 1.2	U
100-42-5	Styrene	1.2	< 1.2	U
75-69-4	Trichlorofluoromethane	1.2	< 1.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	2.4	< 2.4	U
179601-23-1	m,p-Xylene	1.2	< 1.2	U
95-47-6	o-Xylene	1.2	< 1.2	U
95-50-1	1,2-Dichlorobenzene	1.2	< 1.2	U
541-73-1	1,3-Dichlorobenzene	1.2	< 1.2	U
106-46-7	1,4-Dichlorobenzene	1.2	< 1.2	U
107-02-8	Acrolein	59	< 59	U
74-88-4	Methyl Iodide	1.2	< 1.2	U
74-96-4	Bromoethane	2.4	< 2.4	U
107-13-1	Acrylonitrile	5.9	< 5.9	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P11-(15-16)**
 SAMPLE

Lab Sample ID: OU22R QC Report No: OU22-Landau Associates, Inc.
LIMS ID: 09-8678 Project: SAURO
Matrix: Soil
Date Analyzed: 04/09/09 15:21

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	1.2	< 1.2	U
74-95-3	Dibromomethane	1.2	< 1.2	U
630-20-6	1,1,1,2-Tetrachloroethane	1.2	< 1.2	U
96-12-8	1,2-Dibromo-3-chloropropane	5.9	< 5.9	U
96-18-4	1,2,3-Trichloropropane	2.4	< 2.4	U
110-57-6	trans-1,4-Dichloro-2-butene	5.9	< 5.9	U
108-67-8	1,3,5-Trimethylbenzene	1.2	< 1.2	U
95-63-6	1,2,4-Trimethylbenzene	1.2	< 1.2	U
87-68-3	Hexachlorobutadiene	5.9	< 5.9	U
106-93-4	Ethylene Dibromide	1.2	< 1.2	U
74-97-5	Bromochloromethane	1.2	< 1.2	U
594-20-7	2,2-Dichloropropane	1.2	< 1.2	U
142-28-9	1,3-Dichloropropane	1.2	< 1.2	U
98-82-8	Isopropylbenzene	1.2	< 1.2	U
103-65-1	n-Propylbenzene	1.2	< 1.2	U
108-86-1	Bromobenzene	1.2	< 1.2	U
95-49-8	2-Chlorotoluene	1.2	< 1.2	U
106-43-4	4-Chlorotoluene	1.2	< 1.2	U
98-06-6	tert-Butylbenzene	1.2	< 1.2	U
135-98-8	sec-Butylbenzene	1.2	< 1.2	U
99-87-6	4-Isopropyltoluene	1.2	< 1.2	U
104-51-8	n-Butylbenzene	1.2	< 1.2	U
120-82-1	1,2,4-Trichlorobenzene	5.9	< 5.9	U
91-20-3	Naphthalene	5.9	< 5.9	U
87-61-6	1,2,3-Trichlorobenzene	5.9	< 5.9	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	113%
d8-Toluene	97.5%
Bromofluorobenzene	103%
d4-1,2-Dichlorobenzene	103%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P7-(15.5-16.5)**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OU22S
LIMS ID: 09-8679
Matrix: Soil
Data Release Authorized:
Reported: 04/14/09

QC Report No: OU22-Landau Associates, Inc.
Project: SAURO
Date Sampled: 04/06/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/08/09 13:41

Sample Amount: 49.1 mg-dry-wt
Purge Volume: 5.0 mL
Moisture: 29.8%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	100	< 100	U
74-83-9	Bromomethane	100	< 100	U
75-01-4	**Vinyl Chloride**	**100**	**73,000**	**E**
75-00-3	Chloroethane	100	< 100	U
75-09-2	Methylene Chloride	200	< 200	U
67-64-1	Acetone	510	< 510	U
75-15-0	Carbon Disulfide	100	< 100	U
75-35-4	**1,1-Dichloroethene**	**100**	**450**	
75-34-3	1,1-Dichloroethane	100	< 100	U
156-60-5	**trans-1,2-Dichloroethene**	**100**	**2,500**	
156-59-2	**cis-1,2-Dichloroethene**	**100**	**330,000**	**ES**
67-66-3	Chloroform	100	< 100	U
107-06-2	**1,2-Dichloroethane**	**100**	**190**	
78-93-3	2-Butanone	510	< 510	U
71-55-6	1,1,1-Trichloroethane	100	< 100	U
56-23-5	Carbon Tetrachloride	100	< 100	U
108-05-4	Vinyl Acetate	510	< 510	U
75-27-4	Bromodichloromethane	100	< 100	U
78-87-5	1,2-Dichloropropane	100	< 100	U
10061-01-5	cis-1,3-Dichloropropene	100	< 100	U
79-01-6	**Trichloroethene**	**100**	**20,000**	**E**
124-48-1	Dibromochloromethane	100	< 100	U
79-00-5	1,1,2-Trichloroethane	100	< 100	U
71-43-2	Benzene	100	< 100	U
10061-02-6	trans-1,3-Dichloropropene	100	< 100	U
110-75-8	2-Chloroethylvinylether	510	< 510	U
75-25-2	Bromoform	100	< 100	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	510	< 510	U
591-78-6	2-Hexanone	510	< 510	U
127-18-4	**Tetrachloroethene**	**100**	**38,000**	**E**
79-34-5	1,1,2,2-Tetrachloroethane	100	< 100	U
108-88-3	Toluene	100	< 100	U
108-90-7	Chlorobenzene	100	< 100	U
100-41-4	Ethylbenzene	100	< 100	U
100-42-5	Styrene	100	< 100	U
75-69-4	Trichlorofluoromethane	100	< 100	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	200	< 200	U
179601-23-1	m,p-Xylene	100	< 100	U
95-47-6	o-Xylene	100	< 100	U
95-50-1	1,2-Dichlorobenzene	100	< 100	U
541-73-1	1,3-Dichlorobenzene	100	< 100	U
106-46-7	1,4-Dichlorobenzene	100	< 100	U
107-02-8	Acrolein	5,100	< 5,100	U
74-88-4	Methyl Iodide	100	< 100	U
74-96-4	Bromoethane	200	< 200	U
107-13-1	Acrylonitrile	510	< 510	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P7-(15.5-16.5)**
 SAMPLE

Lab Sample ID: OU22S QC Report No: OU22-Landau Associates, Inc.
LIMS ID: 09-8679 Project: SAURO
Matrix: Soil
Date Analyzed: 04/08/09 13:41

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	100	< 100	U
74-95-3	Dibromomethane	100	< 100	U
630-20-6	1,1,1,2-Tetrachloroethane	100	< 100	U
96-12-8	1,2-Dibromo-3-chloropropane	510	< 510	U
96-18-4	1,2,3-Trichloropropane	200	< 200	U
110-57-6	trans-1,4-Dichloro-2-butene	510	< 510	U
108-67-8	1,3,5-Trimethylbenzene	100	< 100	U
95-63-6	1,2,4-Trimethylbenzene	100	< 100	U
87-68-3	Hexachlorobutadiene	510	< 510	U
106-93-4	Ethylene Dibromide	100	< 100	U
74-97-5	Bromochloromethane	100	< 100	U
594-20-7	2,2-Dichloropropane	100	< 100	U
142-28-9	1,3-Dichloropropane	100	< 100	U
98-82-8	Isopropylbenzene	100	< 100	U
103-65-1	n-Propylbenzene	100	< 100	U
108-86-1	Bromobenzene	100	< 100	U
95-49-8	2-Chlorotoluene	100	< 100	U
106-43-4	4-Chlorotoluene	100	< 100	U
98-06-6	tert-Butylbenzene	100	< 100	U
135-98-8	sec-Butylbenzene	100	< 100	U
99-87-6	4-Isopropyltoluene	100	< 100	U
104-51-8	n-Butylbenzene	100	< 100	U
120-82-1	1,2,4-Trichlorobenzene	510	< 510	U
91-20-3	Naphthalene	510	< 510	U
87-61-6	1,2,3-Trichlorobenzene	510	< 510	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	99.3%
d8-Toluene	97.1%
Bromofluorobenzene	104%
d4-1,2-Dichlorobenzene	100%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P7-(15.5-16.5)**
Page 1 of 2 **REANALYSIS**

Lab Sample ID: OU22S
LIMS ID: 09-8679
Matrix: Soil
Data Release Authorized:
Reported: 04/14/09

QC Report No: OU22-Landau Associates, Inc.
Project: SAURO
Date Sampled: 04/06/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/08/09 14:39

Sample Amount: 0.491 mg-dry-wt
Purge Volume: 5.0 mL
Moisture: 29.8%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	10,000	< 10,000	U
74-83-9	Bromomethane	10,000	< 10,000	U
75-01-4	**Vinyl Chloride**	**10,000**	**55,000**	
75-00-3	Chloroethane	10,000	< 10,000	U
75-09-2	Methylene Chloride	20,000	< 20,000	U
67-64-1	Acetone	51,000	< 51,000	U
75-15-0	Carbon Disulfide	10,000	< 10,000	U
75-35-4	1,1-Dichloroethene	10,000	< 10,000	U
75-34-3	1,1-Dichloroethane	10,000	< 10,000	U
156-60-5	trans-1,2-Dichloroethene	10,000	< 10,000	U
156-59-2	**cis-1,2-Dichloroethene**	**10,000**	**400,000**	
67-66-3	Chloroform	10,000	< 10,000	U
107-06-2	1,2-Dichloroethane	10,000	< 10,000	U
78-93-3	2-Butanone	51,000	< 51,000	U
71-55-6	1,1,1-Trichloroethane	10,000	< 10,000	U
56-23-5	Carbon Tetrachloride	10,000	< 10,000	U
108-05-4	Vinyl Acetate	51,000	< 51,000	U
75-27-4	Bromodichloromethane	10,000	< 10,000	U
78-87-5	1,2-Dichloropropane	10,000	< 10,000	U
10061-01-5	cis-1,3-Dichloropropene	10,000	< 10,000	U
79-01-6	**Trichloroethene**	**10,000**	**17,000**	
124-48-1	Dibromochloromethane	10,000	< 10,000	U
79-00-5	1,1,2-Trichloroethane	10,000	< 10,000	U
71-43-2	Benzene	10,000	< 10,000	U
10061-02-6	trans-1,3-Dichloropropene	10,000	< 10,000	U
110-75-8	2-Chloroethylvinylether	51,000	< 51,000	U
75-25-2	Bromoform	10,000	< 10,000	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	51,000	< 51,000	U
591-78-6	2-Hexanone	51,000	< 51,000	U
127-18-4	**Tetrachloroethene**	**10,000**	**36,000**	
79-34-5	1,1,2,2-Tetrachloroethane	10,000	< 10,000	U
108-88-3	Toluene	10,000	< 10,000	U
108-90-7	Chlorobenzene	10,000	< 10,000	U
100-41-4	Ethylbenzene	10,000	< 10,000	U
100-42-5	Styrene	10,000	< 10,000	U
75-69-4	Trichlorofluoromethane	10,000	< 10,000	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	20,000	< 20,000	U
179601-23-1	m,p-Xylene	10,000	< 10,000	U
95-47-6	o-Xylene	10,000	< 10,000	U
95-50-1	1,2-Dichlorobenzene	10,000	< 10,000	U
541-73-1	1,3-Dichlorobenzene	10,000	< 10,000	U
106-46-7	1,4-Dichlorobenzene	10,000	< 10,000	U
107-02-8	Acrolein	510,000	< 510,000	U
74-88-4	Methyl Iodide	10,000	< 10,000	U
74-96-4	Bromoethane	20,000	< 20,000	U
107-13-1	Acrylonitrile	51,000	< 51,000	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P7-(15.5-16.5)**
 REANALYSIS

Lab Sample ID: OU22S QC Report No: OU22-Landau Associates, Inc.
LIMS ID: 09-8679 Project: SAURO
Matrix: Soil
Date Analyzed: 04/08/09 14:39

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	10,000	< 10,000	U
74-95-3	Dibromomethane	10,000	< 10,000	U
630-20-6	1,1,1,2-Tetrachloroethane	10,000	< 10,000	U
96-12-8	1,2-Dibromo-3-chloropropane	51,000	< 51,000	U
96-18-4	1,2,3-Trichloropropane	20,000	< 20,000	U
110-57-6	trans-1,4-Dichloro-2-butene	51,000	< 51,000	U
108-67-8	1,3,5-Trimethylbenzene	10,000	< 10,000	U
95-63-6	1,2,4-Trimethylbenzene	10,000	< 10,000	U
87-68-3	Hexachlorobutadiene	51,000	< 51,000	U
106-93-4	Ethylene Dibromide	10,000	< 10,000	U
74-97-5	Bromochloromethane	10,000	< 10,000	U
594-20-7	2,2-Dichloropropane	10,000	< 10,000	U
142-28-9	1,3-Dichloropropane	10,000	< 10,000	U
98-82-8	Isopropylbenzene	10,000	< 10,000	U
103-65-1	n-Propylbenzene	10,000	< 10,000	U
108-86-1	Bromobenzene	10,000	< 10,000	U
95-49-8	2-Chlorotoluene	10,000	< 10,000	U
106-43-4	4-Chlorotoluene	10,000	< 10,000	U
98-06-6	tert-Butylbenzene	10,000	< 10,000	U
135-98-8	sec-Butylbenzene	10,000	< 10,000	U
99-87-6	4-Isopropyltoluene	10,000	< 10,000	U
104-51-8	n-Butylbenzene	10,000	< 10,000	U
120-82-1	1,2,4-Trichlorobenzene	51,000	< 51,000	U
91-20-3	Naphthalene	51,000	< 51,000	U
87-61-6	1,2,3-Trichlorobenzene	51,000	< 51,000	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	101%
d8-Toluene	98.0%
Bromofluorobenzene	103%
d4-1,2-Dichlorobenzene	101%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P7-(15.5-16.5)**
Page 1 of 2 **MATRIX SPIKE**

Lab Sample ID: OU22S
LIMS ID: 09-8679
Matrix: Soil
Data Release Authorized:
Reported: 04/14/09

QC Report No: OU22-Landau Associates, Inc.
Project: SAURO

Date Sampled: 04/06/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/08/09 15:07

Sample Amount: 0.491 mg-dry-wt
Purge Volume: 5.0 mL
Moisture: 29.8%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	10,000	---	
74-83-9	Bromomethane	10,000	---	
75-01-4	Vinyl Chloride	10,000	---	
75-00-3	Chloroethane	10,000	---	
75-09-2	Methylene Chloride	20,000	---	
67-64-1	Acetone	51,000	---	
75-15-0	Carbon Disulfide	10,000	---	
75-35-4	1,1-Dichloroethene	10,000	---	
75-34-3	1,1-Dichloroethane	10,000	---	
156-60-5	trans-1,2-Dichloroethene	10,000	---	
156-59-2	cis-1,2-Dichloroethene	10,000	---	
67-66-3	Chloroform	10,000	---	
107-06-2	1,2-Dichloroethane	10,000	---	
78-93-3	2-Butanone	51,000	---	
71-55-6	1,1,1-Trichloroethane	10,000	---	
56-23-5	Carbon Tetrachloride	10,000	---	
108-05-4	Vinyl Acetate	51,000	---	
75-27-4	Bromodichloromethane	10,000	---	
78-87-5	1,2-Dichloropropane	10,000	---	
10061-01-5	cis-1,3-Dichloropropene	10,000	---	
79-01-6	Trichloroethene	10,000	---	
124-48-1	Dibromochloromethane	10,000	---	
79-00-5	1,1,2-Trichloroethane	10,000	---	
71-43-2	Benzene	10,000	---	
10061-02-6	trans-1,3-Dichloropropene	10,000	---	
110-75-8	2-Chloroethylvinylether	51,000	---	
75-25-2	Bromoform	10,000	---	
108-10-1	4-Methyl-2-Pentanone (MIBK)	51,000	---	
591-78-6	2-Hexanone	51,000	---	
127-18-4	Tetrachloroethene	10,000	---	
79-34-5	1,1,2,2-Tetrachloroethane	10,000	---	
108-88-3	Toluene	10,000	---	
108-90-7	Chlorobenzene	10,000	---	
100-41-4	Ethylbenzene	10,000	---	
100-42-5	Styrene	10,000	---	
75-69-4	Trichlorofluoromethane	10,000	---	
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	20,000	---	
179601-23-1	m,p-Xylene	10,000	---	
95-47-6	o-Xylene	10,000	---	
95-50-1	1,2-Dichlorobenzene	10,000	---	
541-73-1	1,3-Dichlorobenzene	10,000	---	
106-46-7	1,4-Dichlorobenzene	10,000	---	
107-02-8	Acrolein	510,000	---	
74-88-4	Methyl Iodide	10,000	---	
74-96-4	Bromoethane	20,000	---	
107-13-1	Acrylonitrile	51,000	---	

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P7-(15.5-16.5)**
 MATRIX SPIKE

Lab Sample ID: OU22S QC Report No: OU22-Landau Associates, Inc.
LIMS ID: 09-8679 Project: SAURO
Matrix: Soil
Date Analyzed: 04/08/09 15:07

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	10,000	---	
74-95-3	Dibromomethane	10,000	---	
630-20-6	1,1,1,2-Tetrachloroethane	10,000	---	
96-12-8	1,2-Dibromo-3-chloropropane	51,000	---	
96-18-4	1,2,3-Trichloropropane	20,000	---	
110-57-6	trans-1,4-Dichloro-2-butene	51,000	---	
108-67-8	1,3,5-Trimethylbenzene	10,000	---	
95-63-6	1,2,4-Trimethylbenzene	10,000	---	
87-68-3	Hexachlorobutadiene	51,000	---	
106-93-4	Ethylene Dibromide	10,000	---	
74-97-5	Bromochloromethane	10,000	---	
594-20-7	2,2-Dichloropropane	10,000	---	
142-28-9	1,3-Dichloropropane	10,000	---	
98-82-8	Isopropylbenzene	10,000	---	
103-65-1	n-Propylbenzene	10,000	---	
108-86-1	Bromobenzene	10,000	---	
95-49-8	2-Chlorotoluene	10,000	---	
106-43-4	4-Chlorotoluene	10,000	---	
98-06-6	tert-Butylbenzene	10,000	---	
135-98-8	sec-Butylbenzene	10,000	---	
99-87-6	4-Isopropyltoluene	10,000	---	
104-51-8	n-Butylbenzene	10,000	---	
120-82-1	1,2,4-Trichlorobenzene	51,000	---	
91-20-3	Naphthalene	51,000	---	
87-61-6	1,2,3-Trichlorobenzene	51,000	---	

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	101%
d8-Toluene	97.7%
Bromofluorobenzene	104%
d4-1,2-Dichlorobenzene	100%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P7-(15.5-16.5)**
Page 1 of 2 **MATRIX SPIKE DUP**

Lab Sample ID: OU22S
LIMS ID: 09-8679
Matrix: Soil
Data Release Authorized:
Reported: 04/14/09

QC Report No: OU22-Landau Associates, Inc.
Project: SAURO

Date Sampled: 04/06/09
Date Received: 04/06/09

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/08/09 15:35

Sample Amount: 0.491 mg-dry-wt
Purge Volume: 5.0 mL
Moisture: 29.8%

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	10,000	---	
74-83-9	Bromomethane	10,000	---	
75-01-4	Vinyl Chloride	10,000	---	
75-00-3	Chloroethane	10,000	---	
75-09-2	Methylene Chloride	20,000	---	
67-64-1	Acetone	51,000	---	
75-15-0	Carbon Disulfide	10,000	---	
75-35-4	1,1-Dichloroethene	10,000	---	
75-34-3	1,1-Dichloroethane	10,000	---	
156-60-5	trans-1,2-Dichloroethene	10,000	---	
156-59-2	cis-1,2-Dichloroethene	10,000	---	
67-66-3	Chloroform	10,000	---	
107-06-2	1,2-Dichloroethane	10,000	---	
78-93-3	2-Butanone	51,000	---	
71-55-6	1,1,1-Trichloroethane	10,000	---	
56-23-5	Carbon Tetrachloride	10,000	---	
108-05-4	Vinyl Acetate	51,000	---	
75-27-4	Bromodichloromethane	10,000	---	
78-87-5	1,2-Dichloropropane	10,000	---	
10061-01-5	cis-1,3-Dichloropropene	10,000	---	
79-01-6	Trichloroethene	10,000	---	
124-48-1	Dibromochloromethane	10,000	---	
79-00-5	1,1,2-Trichloroethane	10,000	---	
71-43-2	Benzene	10,000	---	
10061-02-6	trans-1,3-Dichloropropene	10,000	---	
110-75-8	2-Chloroethylvinylether	51,000	---	
75-25-2	Bromoform	10,000	---	
108-10-1	4-Methyl-2-Pentanone (MIBK)	51,000	---	
591-78-6	2-Hexanone	51,000	---	
127-18-4	Tetrachloroethene	10,000	---	
79-34-5	1,1,2,2-Tetrachloroethane	10,000	---	
108-88-3	Toluene	10,000	---	
108-90-7	Chlorobenzene	10,000	---	
100-41-4	Ethylbenzene	10,000	---	
100-42-5	Styrene	10,000	---	
75-69-4	Trichlorofluoromethane	10,000	---	
76-13-1	1,1,2-Trichloro-1,2,2-trifluor	20,000	---	
179601-23-1	m,p-Xylene	10,000	---	
95-47-6	o-Xylene	10,000	---	
95-50-1	1,2-Dichlorobenzene	10,000	---	
541-73-1	1,3-Dichlorobenzene	10,000	---	
106-46-7	1,4-Dichlorobenzene	10,000	---	
107-02-8	Acrolein	510,000	---	
74-88-4	Methyl Iodide	10,000	---	
74-96-4	Bromoethane	20,000	---	
107-13-1	Acrylonitrile	51,000	---	

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P7-(15.5-16.5) MATRIX SPIKE DUP**

Lab Sample ID: OU22S
LIMS ID: 09-8679
Matrix: Soil
Date Analyzed: 04/08/09 15:35

QC Report No: OU22-Landau Associates, Inc.
Project: SAURO

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	10,000	---	
74-95-3	Dibromomethane	10,000	---	
630-20-6	1,1,1,2-Tetrachloroethane	10,000	---	
96-12-8	1,2-Dibromo-3-chloropropane	51,000	---	
96-18-4	1,2,3-Trichloropropane	20,000	---	
110-57-6	trans-1,4-Dichloro-2-butene	51,000	---	
108-67-8	1,3,5-Trimethylbenzene	10,000	---	
95-63-6	1,2,4-Trimethylbenzene	10,000	---	
87-68-3	Hexachlorobutadiene	51,000	---	
106-93-4	Ethylene Dibromide	10,000	---	
74-97-5	Bromochloromethane	10,000	---	
594-20-7	2,2-Dichloropropane	10,000	---	
142-28-9	1,3-Dichloropropane	10,000	---	
98-82-8	Isopropylbenzene	10,000	---	
103-65-1	n-Propylbenzene	10,000	---	
108-86-1	Bromobenzene	10,000	---	
95-49-8	2-Chlorotoluene	10,000	---	
106-43-4	4-Chlorotoluene	10,000	---	
98-06-6	tert-Butylbenzene	10,000	---	
135-98-8	sec-Butylbenzene	10,000	---	
99-87-6	4-Isopropyltoluene	10,000	---	
104-51-8	n-Butylbenzene	10,000	---	
120-82-1	1,2,4-Trichlorobenzene	51,000	---	
91-20-3	Naphthalene	51,000	---	
87-61-6	1,2,3-Trichlorobenzene	51,000	---	

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	98.9%
d8-Toluene	98.7%
Bromofluorobenzene	102%
d4-1,2-Dichlorobenzene	101%

Results corrected for soil moisture content per Section 11.10.5 of EPA Method 8000C.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MB-040809**
 METHOD BLANK

Lab Sample ID: MB-040809
LIMS ID: 09-8679
Matrix: Soil
Data Release Authorized:
Reported: 04/14/09

QC Report No: OU22-Landau Associates, Inc.
Project: SAURO
Date Sampled: NA
Date Received: NA

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/08/09 10:24

Sample Amount: 100 mg-dry-wt
Purge Volume: 5.0 mL
Moisture: NA

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	50	< 50	U
74-83-9	Bromomethane	50	< 50	U
75-01-4	Vinyl Chloride	50	< 50	U
75-00-3	Chloroethane	50	< 50	U
75-09-2	Methylene Chloride	100	< 100	U
67-64-1	Acetone	250	< 250	U
75-15-0	Carbon Disulfide	50	< 50	U
75-35-4	1,1-Dichloroethene	50	< 50	U
75-34-3	1,1-Dichloroethane	50	< 50	U
156-60-5	trans-1,2-Dichloroethene	50	< 50	U
156-59-2	cis-1,2-Dichloroethene	50	< 50	U
67-66-3	Chloroform	50	< 50	U
107-06-2	1,2-Dichloroethane	50	< 50	U
78-93-3	2-Butanone	250	< 250	U
71-55-6	1,1,1-Trichloroethane	50	< 50	U
56-23-5	Carbon Tetrachloride	50	< 50	U
108-05-4	Vinyl Acetate	250	< 250	U
75-27-4	Bromodichloromethane	50	< 50	U
78-87-5	1,2-Dichloropropane	50	< 50	U
10061-01-5	cis-1,3-Dichloropropene	50	< 50	U
79-01-6	Trichloroethene	50	< 50	U
124-48-1	Dibromochloromethane	50	< 50	U
79-00-5	1,1,2-Trichloroethane	50	< 50	U
71-43-2	Benzene	50	< 50	U
10061-02-6	trans-1,3-Dichloropropene	50	< 50	U
110-75-8	2-Chloroethylvinylether	250	< 250	U
75-25-2	Bromoform	50	< 50	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	250	< 250	U
591-78-6	2-Hexanone	250	< 250	U
127-18-4	Tetrachloroethene	50	< 50	U
79-34-5	1,1,2,2-Tetrachloroethane	50	< 50	U
108-88-3	Toluene	50	< 50	U
108-90-7	Chlorobenzene	50	< 50	U
100-41-4	Ethylbenzene	50	< 50	U
100-42-5	Styrene	50	< 50	U
75-69-4	Trichlorofluoromethane	50	< 50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	100	< 100	U
179601-23-1	m,p-Xylene	50	< 50	U
95-47-6	o-Xylene	50	< 50	U
95-50-1	1,2-Dichlorobenzene	50	< 50	U
541-73-1	1,3-Dichlorobenzene	50	< 50	U
106-46-7	1,4-Dichlorobenzene	50	< 50	U
107-02-8	Acrolein	2,500	< 2,500	U
74-88-4	Methyl Iodide	50	< 50	U
74-96-4	Bromoethane	100	< 100	U
107-13-1	Acrylonitrile	250	< 250	U

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MB-040809**
 METHOD BLANK

Lab Sample ID: MB-040809 QC Report No: OU22-Landau Associates, Inc.
LIMS ID: 09-8679 Project: SAURO
Matrix: Soil
Date Analyzed: 04/08/09 10:24

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	50	< 50	U
74-95-3	Dibromomethane	50	< 50	U
630-20-6	1,1,1,2-Tetrachloroethane	50	< 50	U
96-12-8	1,2-Dibromo-3-chloropropane	250	< 250	U
96-18-4	1,2,3-Trichloropropane	100	< 100	U
110-57-6	trans-1,4-Dichloro-2-butene	250	< 250	U
108-67-8	1,3,5-Trimethylbenzene	50	< 50	U
95-63-6	1,2,4-Trimethylbenzene	50	< 50	U
87-68-3	Hexachlorobutadiene	250	< 250	U
106-93-4	Ethylene Dibromide	50	< 50	U
74-97-5	Bromochloromethane	50	< 50	U
594-20-7	2,2-Dichloropropane	50	< 50	U
142-28-9	1,3-Dichloropropane	50	< 50	U
98-82-8	Isopropylbenzene	50	< 50	U
103-65-1	n-Propylbenzene	50	< 50	U
108-86-1	Bromobenzene	50	< 50	U
95-49-8	2-Chlorotoluene	50	< 50	U
106-43-4	4-Chlorotoluene	50	< 50	U
98-06-6	tert-Butylbenzene	50	< 50	U
135-98-8	sec-Butylbenzene	50	< 50	U
99-87-6	4-Isopropyltoluene	50	< 50	U
104-51-8	n-Butylbenzene	50	< 50	U
120-82-1	1,2,4-Trichlorobenzene	250	< 250	U
91-20-3	Naphthalene	250	< 250	U
87-61-6	1,2,3-Trichlorobenzene	250	< 250	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	96.3%
d8-Toluene	96.9%
Bromofluorobenzene	99.5%
d4-1,2-Dichlorobenzene	99.7%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MB-040909**
 METHOD BLANK

Lab Sample ID: MB-040909
LIMS ID: 09-8672
Matrix: Soil
Data Release Authorized:
Reported: 04/14/09

QC Report No: OU22-Landau Associates, Inc.
Project: SAURO

Date Sampled: NA
Date Received: NA

Instrument/Analyst: NT9/PAB
Date Analyzed: 04/09/09 10:44

Sample Amount: 5.00 g-dry-wt
Purge Volume: 5.0 mL
Moisture: NA

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	1.0	< 1.0	U
74-83-9	Bromomethane	1.0	< 1.0	U
75-01-4	Vinyl Chloride	1.0	< 1.0	U
75-00-3	Chloroethane	1.0	< 1.0	U
75-09-2	Methylene Chloride	2.0	< 2.0	U
67-64-1	Acetone	5.0	< 5.0	U
75-15-0	Carbon Disulfide	1.0	< 1.0	U
75-35-4	1,1-Dichloroethene	1.0	< 1.0	U
75-34-3	1,1-Dichloroethane	1.0	< 1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	< 1.0	U
67-66-3	Chloroform	1.0	< 1.0	U
107-06-2	1,2-Dichloroethane	1.0	< 1.0	U
78-93-3	2-Butanone	5.0	< 5.0	U
71-55-6	1,1,1-Trichloroethane	1.0	< 1.0	U
56-23-5	Carbon Tetrachloride	1.0	< 1.0	U
108-05-4	Vinyl Acetate	5.0	< 5.0	U
75-27-4	Bromodichloromethane	1.0	< 1.0	U
78-87-5	1,2-Dichloropropane	1.0	< 1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	< 1.0	U
79-01-6	Trichloroethene	1.0	< 1.0	U
124-48-1	Dibromochloromethane	1.0	< 1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	< 1.0	U
71-43-2	Benzene	1.0	< 1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	< 1.0	U
110-75-8	2-Chloroethylvinylether	5.0	< 5.0	U
75-25-2	Bromoform	1.0	< 1.0	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	< 5.0	U
591-78-6	2-Hexanone	5.0	< 5.0	U
127-18-4	Tetrachloroethene	1.0	< 1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	1.0	< 1.0	U
108-88-3	Toluene	1.0	< 1.0	U
108-90-7	Chlorobenzene	1.0	< 1.0	U
100-41-4	Ethylbenzene	1.0	< 1.0	U
100-42-5	Styrene	1.0	< 1.0	U
75-69-4	Trichlorofluoromethane	1.0	< 1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	2.0	< 2.0	U
179601-23-1	m,p-Xylene	1.0	< 1.0	U
95-47-6	o-Xylene	1.0	< 1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	< 1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	< 1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	< 1.0	U
107-02-8	Acrolein	50	< 50	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	2.0	< 2.0	U
107-13-1	Acrylonitrile	5.0	< 5.0	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MB-040909**
 METHOD BLANK

Lab Sample ID: MB-040909 QC Report No: OU22-Landau Associates, Inc.
LIMS ID: 09-8672 Project: SAURO
Matrix: Soil
Date Analyzed: 04/09/09 10:44

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	1.0	< 1.0	U
74-95-3	Dibromomethane	1.0	< 1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	< 1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	< 5.0	U
96-18-4	1,2,3-Trichloropropane	2.0	< 2.0	U
110-57-6	trans-1,4-Dichloro-2-butene	5.0	< 5.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	< 1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	< 1.0	U
87-68-3	Hexachlorobutadiene	5.0	< 5.0	U
106-93-4	Ethylene Dibromide	1.0	< 1.0	U
74-97-5	Bromochloromethane	1.0	< 1.0	U
594-20-7	2,2-Dichloropropane	1.0	< 1.0	U
142-28-9	1,3-Dichloropropane	1.0	< 1.0	U
98-82-8	Isopropylbenzene	1.0	< 1.0	U
103-65-1	n-Propylbenzene	1.0	< 1.0	U
108-86-1	Bromobenzene	1.0	< 1.0	U
95-49-8	2-Chlorotoluene	1.0	< 1.0	U
106-43-4	4-Chlorotoluene	1.0	< 1.0	U
98-06-6	tert-Butylbenzene	1.0	< 1.0	U
135-98-8	sec-Butylbenzene	1.0	< 1.0	U
99-87-6	4-Isopropyltoluene	1.0	< 1.0	U
104-51-8	n-Butylbenzene	1.0	< 1.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	< 5.0	U
91-20-3	Naphthalene	5.0	< 5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	< 5.0	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	98.7%
d8-Toluene	97.1%
Bromofluorobenzene	103%
d4-1,2-Dichlorobenzene	100%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MB-040909**
 METHOD BLANK

Lab Sample ID: MB-040909
LIMS ID: 09-8668
Matrix: Soil
Data Release Authorized:
Reported: 04/14/09

QC Report No: OU22-Landau Associates, Inc.
Project: SAURO

Date Sampled: NA
Date Received: NA

Instrument/Analyst: NT10/JZ
Date Analyzed: 04/09/09 17:20

Sample Amount: 100 mg-dry-wt
Purge Volume: 5.0 mL
Moisture: NA

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	50	< 50	U
74-83-9	Bromomethane	50	< 50	U
75-01-4	Vinyl Chloride	50	< 50	U
75-00-3	Chloroethane	50	< 50	U
75-09-2	Methylene Chloride	100	< 100	U
67-64-1	Acetone	250	< 250	U
75-15-0	Carbon Disulfide	50	< 50	U
75-35-4	1,1-Dichloroethene	50	< 50	U
75-34-3	1,1-Dichloroethane	50	< 50	U
156-60-5	trans-1,2-Dichloroethene	50	< 50	U
156-59-2	cis-1,2-Dichloroethene	50	< 50	U
67-66-3	Chloroform	50	< 50	U
107-06-2	1,2-Dichloroethane	50	< 50	U
78-93-3	2-Butanone	250	< 250	U
71-55-6	1,1,1-Trichloroethane	50	< 50	U
56-23-5	Carbon Tetrachloride	50	< 50	U
108-05-4	Vinyl Acetate	250	< 250	U
75-27-4	Bromodichloromethane	50	< 50	U
78-87-5	1,2-Dichloropropane	50	< 50	U
10061-01-5	cis-1,3-Dichloropropene	50	< 50	U
79-01-6	Trichloroethene	50	< 50	U
124-48-1	Dibromochloromethane	50	< 50	U
79-00-5	1,1,2-Trichloroethane	50	< 50	U
71-43-2	Benzene	50	< 50	U
10061-02-6	trans-1,3-Dichloropropene	50	< 50	U
110-75-8	2-Chloroethylvinylether	250	< 250	U
75-25-2	Bromoform	50	< 50	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	250	< 250	U
591-78-6	2-Hexanone	250	< 250	U
127-18-4	Tetrachloroethene	50	< 50	U
79-34-5	1,1,2,2-Tetrachloroethane	50	< 50	U
108-88-3	Toluene	50	< 50	U
108-90-7	Chlorobenzene	50	< 50	U
100-41-4	Ethylbenzene	50	< 50	U
100-42-5	Styrene	50	< 50	U
75-69-4	Trichlorofluoromethane	50	< 50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	100	< 100	U
179601-23-1	m,p-Xylene	50	< 50	U
95-47-6	o-Xylene	50	< 50	U
95-50-1	1,2-Dichlorobenzene	50	< 50	U
541-73-1	1,3-Dichlorobenzene	50	< 50	U
106-46-7	1,4-Dichlorobenzene	50	< 50	U
107-02-8	Acrolein	2,500	< 2,500	U
74-88-4	Methyl Iodide	50	< 50	U
74-96-4	Bromoethane	100	< 100	U
107-13-1	Acrylonitrile	250	< 250	U

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MB-040909**
 METHOD BLANK

Lab Sample ID: MB-040909 QC Report No: OU22-Landau Associates, Inc.
LIMS ID: 09-8668 Project: SAURO
Matrix: Soil
Date Analyzed: 04/09/09 17:20

CAS Number	Analyte	RL	Result	Q
563-58-6	1,1-Dichloropropene	50	< 50	U
74-95-3	Dibromomethane	50	< 50	U
630-20-6	1,1,1,2-Tetrachloroethane	50	< 50	U
96-12-8	1,2-Dibromo-3-chloropropane	250	< 250	U
96-18-4	1,2,3-Trichloropropane	100	< 100	U
110-57-6	trans-1,4-Dichloro-2-butene	250	< 250	U
108-67-8	1,3,5-Trimethylbenzene	50	< 50	U
95-63-6	1,2,4-Trimethylbenzene	50	< 50	U
87-68-3	Hexachlorobutadiene	250	< 250	U
106-93-4	Ethylene Dibromide	50	< 50	U
74-97-5	Bromochloromethane	50	< 50	U
594-20-7	2,2-Dichloropropane	50	< 50	U
142-28-9	1,3-Dichloropropane	50	< 50	U
98-82-8	Isopropylbenzene	50	< 50	U
103-65-1	n-Propylbenzene	50	< 50	U
108-86-1	Bromobenzene	50	< 50	U
95-49-8	2-Chlorotoluene	50	< 50	U
106-43-4	4-Chlorotoluene	50	< 50	U
98-06-6	tert-Butylbenzene	50	< 50	U
135-98-8	sec-Butylbenzene	50	< 50	U
99-87-6	4-Isopropyltoluene	50	< 50	U
104-51-8	n-Butylbenzene	50	< 50	U
120-82-1	1,2,4-Trichlorobenzene	250	< 250	U
91-20-3	Naphthalene	250	< 250	U
87-61-6	1,2,3-Trichlorobenzene	250	< 250	U

Reported in µg/kg (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	94.7%
d8-Toluene	96.9%
Bromofluorobenzene	108%
d4-1,2-Dichlorobenzene	103%

ANALYTICAL RESOURCES INCORPORATED

VOA SURROGATE RECOVERY SUMMARY

Matrix: Soil

QC Report No: OU22-Landau Associates, Inc.
Project: SAURO

ARI ID	Client ID	Level	DCE	TOL	BFB	DCB	TOT OUT
OU22A	LAI-P2-(5-6)	Med	94.2%	96.6%	105%	101%	0
OU22B	LAI-P2-(6.5-7.25)	Med	99.0%	97.9%	102%	99.9%	0
OU22C	LAI-P2-(10-11)	Med	97.1%	98.8%	103%	100%	0
OU22D	LAI-P2-(15-16)	Med	101%	98.3%	103%	101%	0
OU22E	LAI-P3-(5-6)	Med	96.6%	98.0%	102%	99.5%	0
OU22F	LAI-P3-(7-8)	Med	99.5%	98.3%	103%	101%	0
OU22G	LAI-P3-(10-11)	Med	98.0%	98.3%	101%	100%	0
MB-040909	Method Blank	Med	94.7%	96.9%	108%	103%	0
LCS-040909	Lab Control	Med	96.5%	98.0%	105%	99.9%	0
LCSD-040909	Lab Control Dup	Med	98.9%	98.4%	105%	99.6%	0
OU22H	LAI-P3-(13.5-14.5)	Med	96.0%	97.5%	104%	101%	0
OU22I	LAI-P1-(5-6)	Med	97.5%	98.0%	99.5%	102%	0
OU22J	LAI-P1-(10-11)	Med	95.6%	97.2%	99.4%	100%	0
OU22K	LAI-P1-(15-16)	Med	98.6%	97.7%	101%	102%	0
MB-040909	Method Blank	Low	98.7%	97.1%	103%	100%	0
LCS-040909	Lab Control	Low	97.9%	97.1%	100%	99.6%	0
LCSD-040909	Lab Control Dup	Low	95.8%	97.2%	101%	98.8%	0
OU22L	LAI-P1-(18.5-19.5)	Low	106%	96.3%	95.5%	104%	0
OU22M	LAI-P7-(3-4)	Med	95.8%	97.3%	98.3%	99.9%	0
OU22N	LAI-P7-(7.5-8.5)	Med	95.7%	96.8%	99.1%	101%	0
OU22O	LAI-P7-(11.5-12.5)	Low	109%	97.3%	100%	102%	0
OU22P	LAI-P11-(5-6)	Low	106%	97.0%	101%	102%	0
OU22Q	LAI-P11-(9.5-10.5)	Low	112%	96.3%	97.7%	104%	0
OU22R	LAI-P11-(15-16)	Low	113%	97.5%	103%	103%	0
MB-040809	Method Blank	Med	96.3%	96.9%	99.5%	99.7%	0
LCS-040809	Lab Control	Med	98.3%	98.3%	103%	100%	0
LCSD-040809	Lab Control Dup	Med	96.7%	98.4%	102%	101%	0
OU22S	LAI-P7-(15.5-16.5)	Med	99.3%	97.1%	104%	100%	0
OU22SRE	LAI-P7-(15.5-16.5)	Med	101%	98.0%	103%	101%	0
OU22SMS	LAI-P7-(15.5-16.5)	Med	101%	97.7%	104%	100%	0
OU22SMSD	LAI-P7-(15.5-16.5)	Med	98.9%	98.7%	102%	101%	0

	LCS/MB LIMITS		QC LIMITS	
SW8260B	Low	Med	Low	Med
(DCE) = d4-1,2-Dichloroethane	75-120	76-120	72-134	69-120
(TOL) = d8-Toluene	80-122	80-120	78-124	80-120
(BFB) = Bromofluorobenzene	79-120	80-120	66-120	76-128
(DCB) = d4-1,2-Dichlorobenzene	80-120	80-120	79-120	80-120

Log Number Range: 09-8661 to 09-8679

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LCS-040809**
 LAB CONTROL SAMPLE

Lab Sample ID: LCS-040809 QC Report No: OU22-Landau Associates, Inc.
LIMS ID: 09-8679 Project: SAURO
Matrix: Soil
Data Release Authorized:
Reported: 04/14/09 Date Sampled: NA
Date Received: NA

Instrument/Analyst LCS: NT9/PAB Sample Amount LCS: 100 mg-dry-wt
LCSD: NT9/PAB LCSD: 100 mg-dry-wt
Date Analyzed LCS: 04/08/09 09:56 Purge Volume LCS: 5.0 mL
LCSD: 04/08/09 10:52 LCSD: 5.0 mL
Moisture: NA

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	2240	2500	89.6%	2440	2500	97.6%	8.5%
Bromomethane	2400	2500	96.0%	2590	2500	104%	7.6%
Vinyl Chloride	2250	2500	90.0%	2440	2500	97.6%	8.1%
Chloroethane	2280	2500	91.2%	2460	2500	98.4%	7.6%
Methylene Chloride	2300	2500	92.0%	2420	2500	96.8%	5.1%
Acetone	12300	12500	98.4%	13200	12500	106%	7.1%
Carbon Disulfide	2390	2500	95.6%	2580	2500	103%	7.6%
1,1-Dichloroethene	2520	2500	101%	2720	2500	109%	7.6%
1,1-Dichloroethane	2320	2500	92.8%	2490	2500	99.6%	7.1%
trans-1,2-Dichloroethene	2390	2500	95.6%	2570	2500	103%	7.3%
cis-1,2-Dichloroethene	2390	2500	95.6%	2560	2500	102%	6.9%
Chloroform	2330	2500	93.2%	2480	2500	99.2%	6.2%
1,2-Dichloroethane	2400	2500	96.0%	2480	2500	99.2%	3.3%
2-Butanone	13300	12500	106%	13500	12500	108%	1.5%
1,1,1-Trichloroethane	2390	2500	95.6%	2580	2500	103%	7.6%
Carbon Tetrachloride	2310	2500	92.4%	2540	2500	102%	9.5%
Vinyl Acetate	2420	2500	96.8%	2480	2500	99.2%	2.4%
Bromodichloromethane	2400	2500	96.0%	2530	2500	101%	5.3%
1,2-Dichloropropane	2340	2500	93.6%	2490	2500	99.6%	6.2%
cis-1,3-Dichloropropene	2380	2500	95.2%	2530	2500	101%	6.1%
Trichloroethene	2530	2500	101%	2710	2500	108%	6.9%
Dibromochloromethane	2580	2500	103%	2660	2500	106%	3.1%
1,1,2-Trichloroethane	2470	2500	98.8%	2540	2500	102%	2.8%
Benzene	2280	2500	91.2%	2450	2500	98.0%	7.2%
trans-1,3-Dichloropropene	2440	2500	97.6%	2510	2500	100%	2.8%
2-Chloroethylvinylether	2310	2500	92.4%	2310	2500	92.4%	0.0%
Bromoform	2720	2500	109%	2760	2500	110%	1.5%
4-Methyl-2-Pentanone (MIBK)	14100	12500	113%	14200	12500	114%	0.7%
2-Hexanone	12600	12500	101%	12500	12500	100%	0.8%
Tetrachloroethene	2410	2500	96.4%	2590	2500	104%	7.2%
1,1,2,2-Tetrachloroethane	2440	2500	97.6%	2470	2500	98.8%	1.2%
Toluene	2290	2500	91.6%	2460	2500	98.4%	7.2%
Chlorobenzene	2300	2500	92.0%	2430	2500	97.2%	5.5%
Ethylbenzene	2240	2500	89.6%	2450	2500	98.0%	9.0%
Styrene	2460	2500	98.4%	2610	2500	104%	5.9%
Trichlorofluoromethane	2310	2500	92.4%	2470	2500	98.8%	6.7%
1,1,2-Trichloro-1,2,2-trifluoroetha	2680	2500	107%	2860	2500	114%	6.5%
m,p-Xylene	4630	5000	92.6%	4910	5000	98.2%	5.9%
o-Xylene	2320	2500	92.8%	2480	2500	99.2%	6.7%
1,2-Dichlorobenzene	2330	2500	93.2%	2480	2500	99.2%	6.2%
1,3-Dichlorobenzene	2320	2500	92.8%	2490	2500	99.6%	7.1%
1,4-Dichlorobenzene	2340	2500	93.6%	2520	2500	101%	7.4%
Acrolein	13300	12500	106%	13400	12500	107%	0.7%
Methyl Iodide	2610	2500	104%	2780	2500	111%	6.3%
Bromoethane	2580	2500	103%	2790	2500	112%	7.8%
Acrylonitrile	2650	2500	106%	2700	2500	108%	1.9%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LCS-040809**
 LAB CONTROL SAMPLE

Lab Sample ID: LCS-040809 QC Report No: OU22-Landau Associates, Inc.
LIMS ID: 09-8679 Project: SAURO
Matrix: Soil

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
1,1-Dichloropropene	2310	2500	92.4%	2530	2500	101%	9.1%
Dibromomethane	2530	2500	101%	2590	2500	104%	2.3%
1,1,1,2-Tetrachloroethane	2570	2500	103%	2690	2500	108%	4.6%
1,2-Dibromo-3-chloropropane	2600	2500	104%	2570	2500	103%	1.2%
1,2,3-Trichloropropane	2510	2500	100%	2530	2500	101%	0.8%
trans-1,4-Dichloro-2-butene	2620	2500	105%	2770	2500	111%	5.6%
1,3,5-Trimethylbenzene	2280	2500	91.2%	2470	2500	98.8%	8.0%
1,2,4-Trimethylbenzene	2290	2500	91.6%	2490	2500	99.6%	8.4%
Hexachlorobutadiene	2380	2500	95.2%	2630	2500	105%	10.0%
Ethylene Dibromide	2540	2500	102%	2590	2500	104%	1.9%
Bromochloromethane	2580	2500	103%	2700	2500	108%	4.5%
2,2-Dichloropropane	2380	2500	95.2%	2580	2500	103%	8.1%
1,3-Dichloropropane	2400	2500	96.0%	2450	2500	98.0%	2.1%
Isopropylbenzene	2350	2500	94.0%	2520	2500	101%	7.0%
n-Propylbenzene	2330	2500	93.2%	2540	2500	102%	8.6%
Bromobenzene	2460	2500	98.4%	2600	2500	104%	5.5%
2-Chlorotoluene	2340	2500	93.6%	2510	2500	100%	7.0%
4-Chlorotoluene	2410	2500	96.4%	2610	2500	104%	8.0%
tert-Butylbenzene	2240	2500	89.6%	2410	2500	96.4%	7.3%
sec-Butylbenzene	2250	2500	90.0%	2440	2500	97.6%	8.1%
4-Isopropyltoluene	2300	2500	92.0%	2500	2500	100%	8.3%
n-Butylbenzene	2270	2500	90.8%	2500	2500	100%	9.6%
1,2,4-Trichlorobenzene	2420	2500	96.8%	2680	2500	107%	10.2%
Naphthalene	2440	2500	97.6%	2450	2500	98.0%	0.4%
1,2,3-Trichlorobenzene	2430	2500	97.2%	2590	2500	104%	6.4%

Reported in µg/kg (ppb)

RPD calculated using sample concentrations per SW846.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	98.3%	96.7%
d8-Toluene	98.3%	98.4%
Bromofluorobenzene	103%	102%
d4-1,2-Dichlorobenzene	100%	101%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LCS-040909**
Page 1 of 2 **LAB CONTROL SAMPLE**

Lab Sample ID: LCS-040909
LIMS ID: 09-8672
Matrix: Soil
Data Release Authorized:
Reported: 04/14/09

QC Report No: OU22-Landau Associates, Inc.
Project: SAURO

Date Sampled: NA
Date Received: NA

Instrument/Analyst LCS: NT9/PAB
LCSD: NT9/PAB
Date Analyzed LCS: 04/09/09 09:49
LCSD: 04/09/09 11:36

Sample Amount LCS: 5.00 g-dry-wt
LCSD: 5.00 g-dry-wt
Purge Volume LCS: 5.0 mL
LCSD: 5.0 mL
Moisture: NA

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	40.9	50.0	81.8%	44.7	50.0	89.4%	8.9%
Bromomethane	45.1	50.0	90.2%	48.9	50.0	97.8%	8.1%
Vinyl Chloride	40.9	50.0	81.8%	45.1	50.0	90.2%	9.8%
Chloroethane	42.5	50.0	85.0%	45.8	50.0	91.6%	7.5%
Methylene Chloride	43.1	50.0	86.2%	44.5	50.0	89.0%	3.2%
Acetone	239	250	95.6%	224	250	89.6%	6.5%
Carbon Disulfide	44.0	50.0	88.0%	47.5	50.0	95.0%	7.7%
1,1-Dichloroethene	47.3	50.0	94.6%	51.5	50.0	103%	8.5%
1,1-Dichloroethane	43.7	50.0	87.4%	46.4	50.0	92.8%	6.0%
trans-1,2-Dichloroethene	45.0	50.0	90.0%	48.1	50.0	96.2%	6.7%
cis-1,2-Dichloroethene	45.3	50.0	90.6%	47.6	50.0	95.2%	5.0%
Chloroform	44.1	50.0	88.2%	45.6	50.0	91.2%	3.3%
1,2-Dichloroethane	46.4	50.0	92.8%	47.1	50.0	94.2%	1.5%
2-Butanone	253	250	101%	244	250	97.6%	3.6%
1,1,1-Trichloroethane	45.3	50.0	90.6%	48.9	50.0	97.8%	7.6%
Carbon Tetrachloride	45.3	50.0	90.6%	48.5	50.0	97.0%	6.8%
Vinyl Acetate	46.5	50.0	93.0%	45.0	50.0	90.0%	3.3%
Bromodichloromethane	46.5	50.0	93.0%	47.8	50.0	95.6%	2.8%
1,2-Dichloropropane	45.0	50.0	90.0%	46.5	50.0	93.0%	3.3%
cis-1,3-Dichloropropene	45.8	50.0	91.6%	47.4	50.0	94.8%	3.4%
Trichloroethene	44.0	50.0	88.0%	52.0	50.0	104%	16.7%
Dibromochloromethane	50.4	50.0	101%	51.6	50.0	103%	2.4%
1,1,2-Trichloroethane	48.1	50.0	96.2%	47.5	50.0	95.0%	1.3%
Benzene	43.5	50.0	87.0%	46.5	50.0	93.0%	6.7%
trans-1,3-Dichloropropene	46.9	50.0	93.8%	47.9	50.0	95.8%	2.1%
2-Chloroethylvinylether	39.3	50.0	78.6%	37.0	50.0	74.0%	6.0%
Bromoform	58.0	50.0	116%	55.4	50.0	111%	4.6%
4-Methyl-2-Pentanone (MIBK)	267	250	107%	255	250	102%	4.6%
2-Hexanone	240	250	96.0%	228	250	91.2%	5.1%
Tetrachloroethene	47.2	50.0	94.4%	52.1	50.0	104%	9.9%
1,1,2,2-Tetrachloroethane	51.2	50.0	102%	48.1	50.0	96.2%	6.2%
Toluene	43.9	50.0	87.8%	47.3	50.0	94.6%	7.5%
Chlorobenzene	45.1	50.0	90.2%	47.8	50.0	95.6%	5.8%
Ethylbenzene	43.2	50.0	86.4%	47.9	50.0	95.8%	10.3%
Styrene	48.5	50.0	97.0%	50.8	50.0	102%	4.6%
Trichlorofluoromethane	43.3	50.0	86.6%	47.2	50.0	94.4%	8.6%
1,1,2-Trichloro-1,2,2-trifluoroetha	52.4	50.0	105%	56.6	50.0	113%	7.7%
m,p-Xylene	90.1	100	90.1%	97.2	100	97.2%	7.6%
o-Xylene	45.6	50.0	91.2%	48.6	50.0	97.2%	6.4%
1,2-Dichlorobenzene	49.6	50.0	99.2%	49.4	50.0	98.8%	0.4%
1,3-Dichlorobenzene	49.5	50.0	99.0%	50.4	50.0	101%	1.8%
1,4-Dichlorobenzene	50.2	50.0	100%	50.6	50.0	101%	0.8%
Acrolein	259	250	104%	240	250	96.0%	7.6%
Methyl Iodide	49.3	50.0	98.6%	52.2	50.0	104%	5.7%
Bromoethane	49.1	50.0	98.2%	52.3	50.0	105%	6.3%
Acrylonitrile	51.4	50.0	103%	47.4	50.0	94.8%	8.1%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LCS-040909**
 LAB CONTROL SAMPLE

Lab Sample ID: LCS-040909 QC Report No: OU22-Landau Associates, Inc.
LIMS ID: 09-8672 Project: SAURO
Matrix: Soil

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
1,1-Dichloropropene	44.0	50.0	88.0%	48.2	50.0	96.4%	9.1%
Dibromomethane	48.9	50.0	97.8%	48.9	50.0	97.8%	0.0%
1,1,1,2-Tetrachloroethane	50.3	50.0	101%	52.8	50.0	106%	4.8%
1,2-Dibromo-3-chloropropane	53.6	50.0	107%	47.5	50.0	95.0%	12.1%
1,2,3-Trichloropropane	53.3	50.0	107%	49.9	50.0	99.8%	6.6%
trans-1,4-Dichloro-2-butene	53.8	50.0	108%	49.3	50.0	98.6%	8.7%
1,3,5-Trimethylbenzene	48.6	50.0	97.2%	50.2	50.0	100%	3.2%
1,2,4-Trimethylbenzene	48.8	50.0	97.6%	50.2	50.0	100%	2.8%
Hexachlorobutadiene	47.8	50.0	95.6%	51.0	50.0	102%	6.5%
Ethylene Dibromide	49.0	50.0	98.0%	48.2	50.0	96.4%	1.6%
Bromochloromethane	50.0	50.0	100%	50.5	50.0	101%	1.0%
2,2-Dichloropropane	45.1	50.0	90.2%	48.6	50.0	97.2%	7.5%
1,3-Dichloropropane	46.8	50.0	93.6%	47.3	50.0	94.6%	1.1%
Isopropylbenzene	49.2	50.0	98.4%	51.5	50.0	103%	4.6%
n-Propylbenzene	49.4	50.0	98.8%	51.4	50.0	103%	4.0%
Bromobenzene	52.9	50.0	106%	53.4	50.0	107%	0.9%
2-Chlorotoluene	48.6	50.0	97.2%	50.7	50.0	101%	4.2%
4-Chlorotoluene	51.7	50.0	103%	53.0	50.0	106%	2.5%
tert-Butylbenzene	47.1	50.0	94.2%	48.9	50.0	97.8%	3.8%
sec-Butylbenzene	47.2	50.0	94.4%	49.2	50.0	98.4%	4.1%
4-Isopropyltoluene	48.4	50.0	96.8%	50.3	50.0	101%	3.9%
n-Butylbenzene	47.5	50.0	95.0%	49.5	50.0	99.0%	4.1%
1,2,4-Trichlorobenzene	51.1	50.0	102%	51.8	50.0	104%	1.4%
Naphthalene	48.6	50.0	97.2%	45.8	50.0	91.6%	5.9%
1,2,3-Trichlorobenzene	49.3	50.0	98.6%	48.9	50.0	97.8%	0.8%

Reported in µg/kg (ppb)

RPD calculated using sample concentrations per SW846.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	97.9%	95.8%
d8-Toluene	97.1%	97.2%
Bromofluorobenzene	100%	101%
d4-1,2-Dichlorobenzene	99.6%	98.8%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LCS-040909**
 LAB CONTROL SAMPLE

Lab Sample ID: LCS-040909
LIMS ID: 09-8668
Matrix: Soil
Data Release Authorized:
Reported: 04/14/09

QC Report No: OU22-Landau Associates, Inc.
Project: SAURO

Date Sampled: NA
Date Received: NA

Instrument/Analyst LCS: NT10/JZ
LCSD: NT10/JZ
Date Analyzed LCS: 04/09/09 16:33
LCSD: 04/09/09 16:57

Sample Amount LCS: 100 mg-dry-wt
LCSD: 100 mg-dry-wt
Purge Volume LCS: 5.0 mL
LCSD: 5.0 mL
Moisture: NA

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	2450	2500	98.0%	2340	2500	93.6%	4.6%
Bromomethane	2830	2500	113%	2840	2500	114%	0.4%
Vinyl Chloride	2560	2500	102%	2460	2500	98.4%	4.0%
Chloroethane	2510	2500	100%	2420	2500	96.8%	3.7%
Methylene Chloride	2480	2500	99.2%	2440	2500	97.6%	1.6%
Acetone	12800	12500	102%	12900	12500	103%	0.8%
Carbon Disulfide	2570	2500	103%	2490	2500	99.6%	3.2%
1,1-Dichloroethene	2580	2500	103%	2500	2500	100%	3.1%
1,1-Dichloroethane	2550	2500	102%	2500	2500	100%	2.0%
trans-1,2-Dichloroethene	2580	2500	103%	2500	2500	100%	3.1%
cis-1,2-Dichloroethene	2560	2500	102%	2510	2500	100%	2.0%
Chloroform	2520	2500	101%	2480	2500	99.2%	1.6%
1,2-Dichloroethane	2570	2500	103%	2530	2500	101%	1.6%
2-Butanone	13100	12500	105%	13200	12500	106%	0.8%
1,1,1-Trichloroethane	2580	2500	103%	2510	2500	100%	2.8%
Carbon Tetrachloride	2660	2500	106%	2590	2500	104%	2.7%
Vinyl Acetate	2620	2500	105%	2640	2500	106%	0.8%
Bromodichloromethane	2530	2500	101%	2480	2500	99.2%	2.0%
1,2-Dichloropropane	2560	2500	102%	2520	2500	101%	1.6%
cis-1,3-Dichloropropene	2560	2500	102%	2520	2500	101%	1.6%
Trichloroethene	2840	2500	114%	2700	2500	108%	5.1%
Dibromochloromethane	2580	2500	103%	2520	2500	101%	2.4%
1,1,2-Trichloroethane	2460	2500	98.4%	2420	2500	96.8%	1.6%
Benzene	2580	2500	103%	2510	2500	100%	2.8%
trans-1,3-Dichloropropene	2510	2500	100%	2480	2500	99.2%	1.2%
2-Chloroethylvinylether	2530	2500	101%	2610	2500	104%	3.1%
Bromoform	2530	2500	101%	2530	2500	101%	0.0%
4-Methyl-2-Pentanone (MIBK)	13900	12500	111%	14000	12500	112%	0.7%
2-Hexanone	13300	12500	106%	13500	12500	108%	1.5%
Tetrachloroethene	2520	2500	101%	2530	2500	101%	0.4%
1,1,2,2-Tetrachloroethane	2430	2500	97.2%	2450	2500	98.0%	0.8%
Toluene	2500	2500	100%	2460	2500	98.4%	1.6%
Chlorobenzene	2520	2500	101%	2460	2500	98.4%	2.4%
Ethylbenzene	2550	2500	102%	2510	2500	100%	1.6%
Styrene	2780	2500	111%	2620	2500	105%	5.9%
Trichlorofluoromethane	2680	2500	107%	2600	2500	104%	3.0%
1,1,2-Trichloro-1,2,2-trifluoroetha	2580	2500	103%	2390	2500	95.6%	7.6%
m,p-Xylene	5200	5000	104%	5130	5000	103%	1.4%
o-Xylene	2740	2500	110%	2680	2500	107%	2.2%
1,2-Dichlorobenzene	2440	2500	97.6%	2400	2500	96.0%	1.7%
1,3-Dichlorobenzene	2460	2500	98.4%	2420	2500	96.8%	1.6%
1,4-Dichlorobenzene	2440	2500	97.6%	2400	2500	96.0%	1.7%
Acrolein	13400	12500	107%	13400	12500	107%	0.0%
Methyl Iodide	2590	2500	104%	2530	2500	101%	2.3%
Bromoethane	2610	2500	104%	2550	2500	102%	2.3%
Acrylonitrile	2610	2500	104%	2630	2500	105%	0.8%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LCS-040909**
 LAB CONTROL SAMPLE

Lab Sample ID: LCS-040909 QC Report No: OU22-Landau Associates, Inc.
LIMS ID: 09-8668 Project: SAURO
Matrix: Soil

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
1,1-Dichloropropene	2630	2500	105%	2590	2500	104%	1.5%
Dibromomethane	2540	2500	102%	2520	2500	101%	0.8%
1,1,1,2-Tetrachloroethane	2650	2500	106%	2590	2500	104%	2.3%
1,2-Dibromo-3-chloropropane	2450	2500	98.0%	2480	2500	99.2%	1.2%
1,2,3-Trichloropropane	2440	2500	97.6%	2470	2500	98.8%	1.2%
trans-1,4-Dichloro-2-butene	2630	2500	105%	2620	2500	105%	0.4%
1,3,5-Trimethylbenzene	2540	2500	102%	2530	2500	101%	0.4%
1,2,4-Trimethylbenzene	2590	2500	104%	2560	2500	102%	1.2%
Hexachlorobutadiene	2470	2500	98.8%	2440	2500	97.6%	1.2%
Ethylene Dibromide	2520	2500	101%	2530	2500	101%	0.4%
Bromochloromethane	2570	2500	103%	2520	2500	101%	2.0%
2,2-Dichloropropane	2550	2500	102%	2430	2500	97.2%	4.8%
1,3-Dichloropropane	2490	2500	99.6%	2510	2500	100%	0.8%
Isopropylbenzene	2580	2500	103%	2530	2500	101%	2.0%
n-Propylbenzene	2480	2500	99.2%	2460	2500	98.4%	0.8%
Bromobenzene	2450	2500	98.0%	2450	2500	98.0%	0.0%
2-Chlorotoluene	2500	2500	100%	2470	2500	98.8%	1.2%
4-Chlorotoluene	2500	2500	100%	2470	2500	98.8%	1.2%
tert-Butylbenzene	2610	2500	104%	2580	2500	103%	1.2%
sec-Butylbenzene	2580	2500	103%	2560	2500	102%	0.8%
4-Isopropyltoluene	2640	2500	106%	2610	2500	104%	1.1%
n-Butylbenzene	2600	2500	104%	2560	2500	102%	1.6%
1,2,4-Trichlorobenzene	2550	2500	102%	2500	2500	100%	2.0%
Naphthalene	2740	2500	110%	2700	2500	108%	1.5%
1,2,3-Trichlorobenzene	2550	2500	102%	2520	2500	101%	1.2%

Reported in µg/kg (ppb)

RPD calculated using sample concentrations per SW846.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	96.5%	98.9%
d8-Toluene	98.0%	98.4%
Bromofluorobenzene	105%	105%
d4-1,2-Dichlorobenzene	99.9%	99.6%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P7-(15.5-16.5)**
Page 1 of 2 **MATRIX SPIKE**

Lab Sample ID: OU22S
LIMS ID: 09-8679
Matrix: Soil
Data Release Authorized:
Reported: 04/14/09

QC Report No: OU22-Landau Associates, Inc.
Project: SAURO

Date Sampled: 04/06/09
Date Received: 04/06/09

Instrument/Analyst MS: NT9/PAB
MSD: NT9/PAB
Date Analyzed MS: 04/08/09 15:07
MSD: 04/08/09 15:35

Sample Amount MS: 0.491 mg-dry-wt
MSD: 0.491 mg-dry-wt
Purge Volume MS: 5.0 mL
MSD: 5.0 mL
Moisture: 29.8%

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
Chloromethane	< 10200 U	474000	509000	93.1%	474000	509000	93.1%	0.0%
Bromomethane	< 10200 U	487000	509000	95.7%	494000	509000	97.1%	1.4%
Vinyl Chloride	54800	527000	509000	92.8%	529000	509000	93.2%	0.4%
Chloroethane	< 10200 U	461000	509000	90.6%	474000	509000	93.1%	2.8%
Methylene Chloride	< 20400 U	468000	509000	91.9%	474000	509000	93.1%	1.3%
Acetone	< 50900 U	2740000	255000	107%	2730000	255000	107%	0.4%
Carbon Disulfide	< 10200 U	483000	509000	94.9%	485000	509000	95.3%	0.4%
1,1-Dichloroethene	< 10200 U	517000	509000	102%	520000	509000	102%	0.6%
1,1-Dichloroethane	< 10200 U	484000	509000	95.1%	487000	509000	95.7%	0.6%
trans-1,2-Dichloroethene	< 10200 U	491000	509000	96.5%	494000	509000	97.1%	0.6%
cis-1,2-Dichloroethene	400000	881000	509000	94.5%	864000	509000	91.2%	1.9%
Chloroform	< 10200 U	474000	509000	93.1%	484000	509000	95.1%	2.1%
1,2-Dichloroethane	< 10200 U	495000	509000	97.2%	504000	509000	99.0%	1.8%
2-Butanone	< 50900 U	2900000	255000	114%	2880000	255000	113%	0.7%
1,1,1-Trichloroethane	< 10200 U	498000	509000	97.8%	496000	509000	97.4%	0.4%
Carbon Tetrachloride	< 10200 U	489000	509000	96.1%	506000	509000	99.4%	3.4%
Vinyl Acetate	< 50900 U	513000	509000	101%	514000	509000	101%	0.2%
Bromodichloromethane	< 10200 U	495000	509000	97.2%	503000	509000	98.8%	1.6%
1,2-Dichloropropane	< 10200 U	484000	509000	95.1%	495000	509000	97.2%	2.2%
cis-1,3-Dichloropropene	< 10200 U	493000	509000	96.9%	500000	509000	98.2%	1.4%
Trichloroethene	16800	480000	509000	91.0%	495000	509000	93.9%	3.1%
Dibromochloromethane	< 10200 U	528000	509000	104%	538000	509000	106%	1.9%
1,1,2-Trichloroethane	< 10200 U	511000	509000	100%	523000	509000	103%	2.3%
Benzene	< 10200 U	470000	509000	92.3%	477000	509000	93.7%	1.5%
trans-1,3-Dichloropropene	< 10200 U	510000	509000	100%	516000	509000	101%	1.2%
2-Chloroethylvinylether	< 50900 U	537000	509000	106%	542000	509000	106%	0.9%
Bromoform	< 10200 U	548000	509000	108%	593000	509000	117%	7.9%
4-Methyl-2-Pentanone (MIBK)	< 50900 U	2630000	255000	103%	2710000	255000	106%	3.0%
2-Hexanone	< 50900 U	2080000	255000	81.6%	2030000	255000	79.6%	2.4%
Tetrachloroethene	35500	523000	509000	95.8%	521000	509000	95.4%	0.4%
1,1,2,2-Tetrachloroethane	< 10200 U	503000	509000	98.8%	538000	509000	106%	6.7%
Toluene	< 10200 U	471000	509000	92.5%	477000	509000	93.7%	1.3%
Chlorobenzene	< 10200 U	470000	509000	92.3%	473000	509000	92.9%	0.6%
Ethylbenzene	< 10200 U	467000	509000	91.7%	461000	509000	90.6%	1.3%
Styrene	< 10200 U	505000	509000	99.2%	506000	509000	99.4%	0.2%
Trichlorofluoromethane	< 10200 U	449000	509000	88.2%	480000	509000	94.3%	6.7%
1,1,2-Trichloro-1,2,2-trifl	< 20400 U	565000	509000	111%	542000	509000	106%	4.2%
m,p-Xylene	< 10200 U	946000	102000	92.7%	950000	102000	93.1%	0.4%
o-Xylene	< 10200 U	480000	509000	94.3%	485000	509000	95.3%	1.0%
1,2-Dichlorobenzene	< 10200 U	472000	509000	92.7%	496000	509000	97.4%	5.0%
1,3-Dichlorobenzene	< 10200 U	471000	509000	92.5%	484000	509000	95.1%	2.7%
1,4-Dichlorobenzene	< 10200 U	476000	509000	93.5%	488000	509000	95.9%	2.5%
Acrolein	< 509000 U	2860000	255000	112%	2830000	255000	111%	1.1%
Methyl Iodide	< 10200 U	536000	509000	105%	544000	509000	107%	1.5%
Bromoethane	< 20400 U	534000	509000	105%	540000	509000	106%	1.1%
Acrylonitrile	< 50900 U	579000	509000	114%	573000	509000	113%	1.0%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-P7-(15.5-16.5)**
 MATRIX SPIKE

Lab Sample ID: OU22S
LIMS ID: 09-8679
Matrix: Soil

QC Report No: OU22-Landau Associates, Inc.
Project: SAURO

Analyte	Sample	MS	Spike Added-MS	MS Recovery	MSD	Spike Added-MSD	MSD Recovery	RPD
1,1-Dichloropropene	< 10200 U	475000	509000	93.3%	482000	509000	94.7%	1.5%
Dibromomethane	< 10200 U	521000	509000	102%	538000	509000	106%	3.2%
1,1,1,2-Tetrachloroethane	< 10200 U	525000	509000	103%	532000	509000	105%	1.3%
1,2-Dibromo-3-chloropropane	< 50900 U	545000	509000	107%	581000	509000	114%	6.4%
1,2,3-Trichloropropane	< 20400 U	521000	509000	102%	548000	509000	108%	5.1%
trans-1,4-Dichloro-2-butene	< 50900 U	545000	509000	107%	594000	509000	117%	8.6%
1,3,5-Trimethylbenzene	< 10200 U	463000	509000	91.0%	484000	509000	95.1%	4.4%
1,2,4-Trimethylbenzene	< 10200 U	466000	509000	91.6%	485000	509000	95.3%	4.0%
Hexachlorobutadiene	< 50900 U	501000	509000	98.4%	511000	509000	100%	2.0%
Ethylene Dibromide	< 10200 U	529000	509000	104%	541000	509000	106%	2.2%
Bromochloromethane	< 10200 U	542000	509000	106%	540000	509000	106%	0.4%
2,2-Dichloropropane	< 10200 U	494000	509000	97.1%	499000	509000	98.0%	1.0%
1,3-Dichloropropane	< 10200 U	494000	509000	97.1%	501000	509000	98.4%	1.4%
Isopropylbenzene	< 10200 U	470000	509000	92.3%	496000	509000	97.4%	5.4%
n-Propylbenzene	< 10200 U	473000	509000	92.9%	493000	509000	96.9%	4.1%
Bromobenzene	< 10200 U	495000	509000	97.2%	526000	509000	103%	6.1%
2-Chlorotoluene	< 10200 U	470000	509000	92.3%	496000	509000	97.4%	5.4%
4-Chlorotoluene	< 10200 U	489000	509000	96.1%	509000	509000	100%	4.0%
tert-Butylbenzene	< 10200 U	460000	509000	90.4%	484000	509000	95.1%	5.1%
sec-Butylbenzene	< 10200 U	465000	509000	91.4%	482000	509000	94.7%	3.6%
4-Isopropyltoluene	< 10200 U	479000	509000	94.1%	492000	509000	96.7%	2.7%
n-Butylbenzene	< 10200 U	476000	509000	93.5%	482000	509000	94.7%	1.3%
1,2,4-Trichlorobenzene	< 50900 U	509000	509000	100%	511000	509000	100%	0.4%
Naphthalene	< 50900 U	511000	509000	100%	540000	509000	106%	5.5%
1,2,3-Trichlorobenzene	< 50900 U	509000	509000	100%	521000	509000	102%	2.3%

Reported in µg/kg (ppb)

RPD calculated using sample concentrations per SW846.

Analytical Resources, Incorporated
Analytical Chemists and Consultants

May 11, 2009

Jennifer Wynkoop
Landau Associates, Inc.
950 Pacific Ave # 515
Tacoma, WA 98402

RE: Project No: 094048.010.011
Project Name: Sauro's Property
ARI Job No: OX16

Dear Jennifer:

Please find enclosed copies of the chain of custodies (COC) and the final results from the project referenced above. Analytical Resources, Inc. accepted twelve water samples and a trip blank in good condition on April 30, 2009. Sample LAI-MW4-PP-20090428 was received outside of the method recommended holding time for Nitrate.

The samples were analyzed for VOCs, Nitrate, TOC and Sulfate, as requested on the COC.

The trip blank for the VOCs analysis contained Chloromethane. No further corrective action was taken.

The 4/30/09 VOCs LCS and LCSD are out of control high for Bromomethane. No further corrective action was taken.

The 5/6/09 VOCs LCS is out of control high for Bromomethane. No further corrective action was taken.

There were no other anomalies associated with these analyses.

A copy of these reports and all corresponding raw data will remain on file electronically with ARI. If you have any questions or require additional information, please contact me at your convenience.

Sincerely,
ANALYTICAL RESOURCES, INC.

Kelly Bottem
Client Services Manager
(206) 695-6211
kellyb@arilabs.com

Enclosures

LANDAU ASSOCIATES

☐ Seattle (Edmonds) (425) 778-0907
☒ Tacoma (253) 926-2493
☐ Spokane (509) 327-9737
☐ Portland (Tigard) (503) 443-6010
☐ _____

OX16

Chain-of-Custody Record

Date 4/30/09
Page 2 of 2

Project Name SAURUS PROPERTY Project No. 094048.010.011
Project Location/Event _____
Sampler's Name JESSICA STONE, KRISTEN HOOVER
Project Contact JENNIFER WYNKOOP
Send Results To JENNIFER WYNKOOP

Turnaround Time
☒ Standard
☐ Accelerated
☐ _____

Sample I.D.	Date	Time	Matrix	No. of Containers	Testing Parameters: VOCs by 8260	NITRATE	SULFATE	TOC	Observations/Comments
MW-11D-20090428(47.5)	4/28/09	1535	WATER	3	X				
MW-11D-PP-20090428	4/28/09	1603		5	X	X	X	X	
MW-11S-20090428(17.5)	4/28/09	1525		3	X				
MW-999-20090428(17.5)	4/28/09	1530		3	X				
MW-13-20090428(51.5)	4/28/09	1635		3	X				
TRIP BLANKS	4/23/09	1245		2	X				
MW1-PP-20090428	4/28/09	0845		2	X				
MW2-PP-20090429	4/29/09	0950		3	X				
MW9-[redacted]PP-20090428	4/28/09	1455		2		X	X	X	
LAI-MW1-20090428(63)	4/28/09	0955		3	X				
LAI-MW2-20090428(65)	4/28/09	1047		3	X				
LAI-MW4-20090428(25)	4/28/09	1125		3	X				
LAI-MW4-PP-20090428	4/28/09	1155		5	X	X	X	X	

X Allow water samples to settle, collect aliquot from clear portion MW1 & MW2

NWTPH-Dx:
___ run acid wash/silica gel cleanup
___ run samples standardized to _____ product

___ Analyze for EPH if no specific product identified

VOC/BTEX/VPH (soil):
___ non-preserved
___ preserved w/methanol
___ preserved w/sodium bisulfate
___ Freeze upon receipt

___ Dissolved metal water samples field filtered

Other MW1-PP-20090428 only has 2 vials

Special Shipment/Handling or Storage Requirements

Method of Shipment

Relinquished by	Received by	Relinquished by	Received by
Signature [signature]	Signature [signature]	Signature	Signature
Printed Name JESSICA STONE	Printed Name A. Volgardsen	Printed Name	Printed Name
Company LANDAU ASSOCIATES	Company ART	Company	Company
Date 4/30/09 Time 1112	Date 4/30/09 Time 1112	Date _____ Time _____	Date _____ Time _____

WHITE COPY - Project File YELLOW COPY - Laboratory PINK COPY - Client Representative

Rev 4/01

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Landau

Project Name: Sauro's Property

COC No(s): _____ NA

Delivered by: Fed-Ex UPS (Courier) Hand Delivered Other: _____

Assigned ARI Job No: OX16

Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)..... 5.2 ____ ____ ____ ____ ____

If cooler temperature is out of compliance fill out form 00070F Temp Gun ID#: 101886

Cooler Accepted by: AV Date: 4/30/09 Time: 1112

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ...	(Bubble Wrap) (Wet Ice) Gel Packs Baggies (Foam Block) Paper Other:		
Was sufficient ice used (if appropriate)?	NA	(YES)	NO
Were all bottles sealed in individual plastic bags?		(YES)	NO
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	NA	(YES)	NO
Were all VOC vials free of air bubbles?	NA	YES	(NO)
Was sufficient amount of sample sent in each bottle?		(YES)	NO

Samples Logged by: AV Date: 4/30/09 Time: 1247

*** Notify Project Manager of discrepancies or concerns ***

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

Tripblanks = 2sm

Sample LAI-MW4-PP-20090428 out of hold for NO3.

HD

By: AV Date: 4/30/09

Small Air Bubbles < 2mm	Peabubbles 2-4 mm	LARGE Air Bubbles > 4 mm
• • •	• • • •	● ● ●

Small → "sm"

Peabubbles → "pb"

Large → "lg"

Headspace → "hs"

PRESERVATION VERIFICATION 04/30/09
Page 1 of 1

ANALYTICAL RESOURCES INCORPORATED

ARI Job No: **OX16**

Inquiry Number: NONE
Analysis Requested: 04/30/09
Contact: Wynkoop, Jennifer
Client: Landau Associates, Inc.
Logged by: 5.2
Sample Set Used: Yes-481
Validatable Package: No
Deliverables:

PC: Kelly
VTSR: 04/30/09

Project #: 094048.010.011
Project: SAURO'S PROPERTY
Sample Site:
SDG No:
Analytical Protocol: In-house

LOGNUM ARI ID	CLIENT ID	CN >12	WAD >12	NH3 <2	COD <2	FOG <2	MET <2	PHEN <2	PHOS <2	TKN <2	NO23 <2	TOC <2	S2 >9	AK102 <2	DMET FLT	DOC FLT	PARAMETER	ADJUSTED TO	LOT NUMBER	AMOUNT ADDED	DATE/BY
09-10223 **OX16B**	MW-11D-PP-20090428											OK									
09-10230 **OX16I**	MW9-PP-20090428											OK									
09-10234 **OX16M**	LAI-MW4-PP-20090428											OK									

Checked By _____ Date 4/30/09

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MW-11D-20090428(47.5)**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OX16A
LIMS ID: 09-10222
Matrix: Water
Data Release Authorized:
Reported: 05/08/09

QC Report No: OX16-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: 04/28/09
Date Received: 04/30/09

Instrument/Analyst: NT5/JZ
Date Analyzed: 04/30/09 20:47

Sample Amount: 10.0 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.5	< 0.5	U
75-01-4	Vinyl Chloride	0.2	< 0.2	U
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.5	< 0.5	U
67-64-1	**Acetone**	**2.5**	**9.0**	
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	**cis-1,2-Dichloroethene**	**0.2**	**1.4**	
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	2.5	< 2.5	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	1.0	< 1.0	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	**Trichloroethene**	**0.2**	**0.3**	
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	1.0	< 1.0	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	2.5	< 2.5	U
591-78-6	2-Hexanone	2.5	< 2.5	U
127-18-4	**Tetrachloroethene**	**0.2**	**0.2**	
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	0.2	< 0.2	U
179601-23-1	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	0.5	< 0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

Lab Sample ID: OX16A
LIMS ID: 09-10222
Matrix: Water
Date Analyzed: 04/30/09 20:47

QC Report No: OX16-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	110%
d8-Toluene	101%
Bromofluorobenzene	91.6%
d4-1,2-Dichlorobenzene	103%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MW-11D-PP-20090428**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OX16B
LIMS ID: 09-10223
Matrix: Water
Data Release Authorized:
Reported: 05/08/09

QC Report No: OX16-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: 04/28/09
Date Received: 04/30/09

Instrument/Analyst: NT5/JZ
Date Analyzed: 04/30/09 16:13

Sample Amount: 10.0 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.5	< 0.5	U
75-01-4	Vinyl Chloride	0.2	< 0.2	U
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.5	< 0.5	U
67-64-1	Acetone	2.5	< 2.5	U
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	**cis-1,2-Dichloroethene**	**0.2**	**1.2**	
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	2.5	< 2.5	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	1.0	< 1.0	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	**Trichloroethene**	**0.2**	**0.5**	
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	1.0	< 1.0	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	2.5	< 2.5	U
591-78-6	2-Hexanone	2.5	< 2.5	U
127-18-4	**Tetrachloroethene**	**0.2**	**0.3**	
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	0.2	< 0.2	U
179601-23-1	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	0.5	< 0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MW-11D-PP-20090428**
 SAMPLE

Lab Sample ID: OX16B
LIMS ID: 09-10223
Matrix: Water
Date Analyzed: 04/30/09 16:13

QC Report No: OX16-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	115%
d8-Toluene	102%
Bromofluorobenzene	91.8%
d4-1,2-Dichlorobenzene	106%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MW-11S-20090428(17.5)**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OX16C
LIMS ID: 09-10224
Matrix: Water
Data Release Authorized:
Reported: 05/08/09

QC Report No: OX16-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: 04/28/09
Date Received: 04/30/09

Instrument/Analyst: NT5/JZ
Date Analyzed: 04/30/09 16:40

Sample Amount: 10.0 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.5	< 0.5	U
75-01-4	Vinyl Chloride	0.2	< 0.2	U
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.5	< 0.5	U
67-64-1	**Acetone**	**2.5**	**7.3**	
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	**cis-1,2-Dichloroethene**	**0.2**	**2.2**	
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	2.5	< 2.5	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	1.0	< 1.0	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	**Trichloroethene**	**0.2**	**12**	
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	1.0	< 1.0	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	2.5	< 2.5	U
591-78-6	2-Hexanone	2.5	< 2.5	U
127-18-4	**Tetrachloroethene**	**0.2**	**160**	**E**
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	0.2	< 0.2	U
179601-23-1	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	0.5	< 0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MW-11S-20090428(17.5)**
 SAMPLE

Lab Sample ID: OX16C
LIMS ID: 09-10224
Matrix: Water
Date Analyzed: 04/30/09 16:40

QC Report No: OX16-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	109%
d8-Toluene	97.3%
Bromofluorobenzene	90.7%
d4-1,2-Dichlorobenzene	104%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MW-11S-20090428(17.5)**
Page 1 of 2 **DILUTION**

Lab Sample ID: OX16C
LIMS ID: 09-10224
Matrix: Water
Data Release Authorized:
Reported: 05/08/09

QC Report No: OX16-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: 04/28/09
Date Received: 04/30/09

Instrument/Analyst: NT5/JZ
Date Analyzed: 05/05/09 21:36

Sample Amount: 2.00 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	1.0	< 1.0	U
74-83-9	Bromomethane	2.5	< 2.5	U
75-01-4	Vinyl Chloride	1.0	< 1.0	U
75-00-3	Chloroethane	1.0	< 1.0	U
75-09-2	Methylene Chloride	2.5	< 2.5	U
67-64-1	Acetone	12	< 12	U
75-15-0	Carbon Disulfide	1.0	< 1.0	U
75-35-4	1,1-Dichloroethene	1.0	< 1.0	U
75-34-3	1,1-Dichloroethane	1.0	< 1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0	U
156-59-2	**cis-1,2-Dichloroethene**	**1.0**	**2.4**	
67-66-3	Chloroform	1.0	< 1.0	U
107-06-2	1,2-Dichloroethane	1.0	< 1.0	U
78-93-3	2-Butanone	12	< 12	U
71-55-6	1,1,1-Trichloroethane	1.0	< 1.0	U
56-23-5	Carbon Tetrachloride	1.0	< 1.0	U
108-05-4	Vinyl Acetate	5.0	< 5.0	U
75-27-4	Bromodichloromethane	1.0	< 1.0	U
78-87-5	1,2-Dichloropropane	1.0	< 1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	< 1.0	U
79-01-6	**Trichloroethene**	**1.0**	**13**	
124-48-1	Dibromochloromethane	1.0	< 1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	< 1.0	U
71-43-2	Benzene	1.0	< 1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	< 1.0	U
110-75-8	2-Chloroethylvinylether	5.0	< 5.0	U
75-25-2	Bromoform	1.0	< 1.0	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	12	< 12	U
591-78-6	2-Hexanone	12	< 12	U
127-18-4	**Tetrachloroethene**	**1.0**	**170**	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	< 1.0	U
108-88-3	Toluene	1.0	< 1.0	U
108-90-7	Chlorobenzene	1.0	< 1.0	U
100-41-4	Ethylbenzene	1.0	< 1.0	U
100-42-5	Styrene	1.0	< 1.0	U
75-69-4	Trichlorofluoromethane	1.0	< 1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	1.0	< 1.0	U
179601-23-1	m,p-Xylene	2.0	< 2.0	U
95-47-6	o-Xylene	1.0	< 1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	< 1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	< 1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	< 1.0	U
107-02-8	Acrolein	25	< 25	U
74-88-4	Methyl Iodide	5.0	< 5.0	U
74-96-4	Bromoethane	1.0	< 1.0	U
107-13-1	Acrylonitrile	5.0	< 5.0	U
563-58-6	1,1-Dichloropropene	1.0	< 1.0	U
74-95-3	Dibromomethane	1.0	< 1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	< 1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	2.5	< 2.5	U
96-18-4	1,2,3-Trichloropropane	2.5	< 2.5	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MW-11S-20090428(17.5)**
 DILUTION

Lab Sample ID: OX16C
LIMS ID: 09-10224
Matrix: Water
Date Analyzed: 05/05/09 21:36

QC Report No: OX16-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	5.0	< 5.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	< 1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	< 1.0	U
87-68-3	Hexachlorobutadiene	2.5	< 2.5	U
106-93-4	Ethylene Dibromide	1.0	< 1.0	U
74-97-5	Bromochloromethane	1.0	< 1.0	U
594-20-7	2,2-Dichloropropane	1.0	< 1.0	U
142-28-9	1,3-Dichloropropane	1.0	< 1.0	U
98-82-8	Isopropylbenzene	1.0	< 1.0	U
103-65-1	n-Propylbenzene	1.0	< 1.0	U
108-86-1	Bromobenzene	1.0	< 1.0	U
95-49-8	2-Chlorotoluene	1.0	< 1.0	U
106-43-4	4-Chlorotoluene	1.0	< 1.0	U
98-06-6	tert-Butylbenzene	1.0	< 1.0	U
135-98-8	sec-Butylbenzene	1.0	< 1.0	U
99-87-6	4-Isopropyltoluene	1.0	< 1.0	U
104-51-8	n-Butylbenzene	1.0	< 1.0	U
120-82-1	1,2,4-Trichlorobenzene	2.5	< 2.5	U
91-20-3	Naphthalene	2.5	< 2.5	U
87-61-6	1,2,3-Trichlorobenzene	2.5	< 2.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	112%
d8-Toluene	102%
Bromofluorobenzene	90.2%
d4-1,2-Dichlorobenzene	105%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MW-999-20090428(17.5)**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OX16D
LIMS ID: 09-10225
Matrix: Water
Data Release Authorized:
Reported: 05/08/09

QC Report No: OX16-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: 04/28/09
Date Received: 04/30/09

Instrument/Analyst: NT5/JZ
Date Analyzed: 04/30/09 17:08

Sample Amount: 10.0 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.5	< 0.5	U
75-01-4	Vinyl Chloride	0.2	< 0.2	U
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.5	< 0.5	U
67-64-1	**Acetone**	**2.5**	**7.8**	
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	**cis-1,2-Dichloroethene**	**0.2**	**2.4**	
67-66-3	**Chloroform**	**0.2**	**0.2**	
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	2.5	< 2.5	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	1.0	< 1.0	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	**Trichloroethene**	**0.2**	**12**	
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	1.0	< 1.0	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	2.5	< 2.5	U
591-78-6	2-Hexanone	2.5	< 2.5	U
127-18-4	**Tetrachloroethene**	**0.2**	**170**	**E**
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	0.2	< 0.2	U
179601-23-1	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	0.5	< 0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

Lab Sample ID: OX16D QC Report No: OX16-Landau Associates, Inc.
LIMS ID: 09-10225 Project: SAURO'S PROPERTY
Matrix: Water 094048.010.011
Date Analyzed: 04/30/09 17:08

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	112%
d8-Toluene	98.2%
Bromofluorobenzene	90.1%
d4-1,2-Dichlorobenzene	103%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MW-999-20090428(17.5)**
Page 1 of 2 **DILUTION**

Lab Sample ID: OX16D
LIMS ID: 09-10225
Matrix: Water
Data Release Authorized:
Reported: 05/08/09

QC Report No: OX16-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: 04/28/09
Date Received: 04/30/09

Instrument/Analyst: NT5/JZ
Date Analyzed: 05/05/09 22:03

Sample Amount: 2.00 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	1.0	< 1.0	U
74-83-9	Bromomethane	2.5	< 2.5	U
75-01-4	Vinyl Chloride	1.0	< 1.0	U
75-00-3	Chloroethane	1.0	< 1.0	U
75-09-2	Methylene Chloride	2.5	< 2.5	U
67-64-1	Acetone	12	< 12	U
75-15-0	Carbon Disulfide	1.0	< 1.0	U
75-35-4	1,1-Dichloroethene	1.0	< 1.0	U
75-34-3	1,1-Dichloroethane	1.0	< 1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	< 1.0	U
156-59-2	**cis-1,2-Dichloroethene**	**1.0**	**2.6**	
67-66-3	Chloroform	1.0	< 1.0	U
107-06-2	1,2-Dichloroethane	1.0	< 1.0	U
78-93-3	2-Butanone	12	< 12	U
71-55-6	1,1,1-Trichloroethane	1.0	< 1.0	U
56-23-5	Carbon Tetrachloride	1.0	< 1.0	U
108-05-4	Vinyl Acetate	5.0	< 5.0	U
75-27-4	Bromodichloromethane	1.0	< 1.0	U
78-87-5	1,2-Dichloropropane	1.0	< 1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	< 1.0	U
79-01-6	**Trichloroethene**	**1.0**	**13**	
124-48-1	Dibromochloromethane	1.0	< 1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	< 1.0	U
71-43-2	Benzene	1.0	< 1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	< 1.0	U
110-75-8	2-Chloroethylvinylether	5.0	< 5.0	U
75-25-2	Bromoform	1.0	< 1.0	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	12	< 12	U
591-78-6	2-Hexanone	12	< 12	U
127-18-4	**Tetrachloroethene**	**1.0**	**180**	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	< 1.0	U
108-88-3	Toluene	1.0	< 1.0	U
108-90-7	Chlorobenzene	1.0	< 1.0	U
100-41-4	Ethylbenzene	1.0	< 1.0	U
100-42-5	Styrene	1.0	< 1.0	U
75-69-4	Trichlorofluoromethane	1.0	< 1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	1.0	< 1.0	U
179601-23-1	m,p-Xylene	2.0	< 2.0	U
95-47-6	o-Xylene	1.0	< 1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	< 1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	< 1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	< 1.0	U
107-02-8	Acrolein	25	< 25	U
74-88-4	Methyl Iodide	5.0	< 5.0	U
74-96-4	Bromoethane	1.0	< 1.0	U
107-13-1	Acrylonitrile	5.0	< 5.0	U
563-58-6	1,1-Dichloropropene	1.0	< 1.0	U
74-95-3	Dibromomethane	1.0	< 1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	< 1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	2.5	< 2.5	U
96-18-4	1,2,3-Trichloropropane	2.5	< 2.5	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MW-999-20090428(17.5)**
Page 2 of 2 **DILUTION**

Lab Sample ID: OX16D
LIMS ID: 09-10225
Matrix: Water
Date Analyzed: 05/05/09 22:03

QC Report No: OX16-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	5.0	< 5.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	< 1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	< 1.0	U
87-68-3	Hexachlorobutadiene	2.5	< 2.5	U
106-93-4	Ethylene Dibromide	1.0	< 1.0	U
74-97-5	Bromochloromethane	1.0	< 1.0	U
594-20-7	2,2-Dichloropropane	1.0	< 1.0	U
142-28-9	1,3-Dichloropropane	1.0	< 1.0	U
98-82-8	Isopropylbenzene	1.0	< 1.0	U
103-65-1	n-Propylbenzene	1.0	< 1.0	U
108-86-1	Bromobenzene	1.0	< 1.0	U
95-49-8	2-Chlorotoluene	1.0	< 1.0	U
106-43-4	4-Chlorotoluene	1.0	< 1.0	U
98-06-6	tert-Butylbenzene	1.0	< 1.0	U
135-98-8	sec-Butylbenzene	1.0	< 1.0	U
99-87-6	4-Isopropyltoluene	1.0	< 1.0	U
104-51-8	n-Butylbenzene	1.0	< 1.0	U
120-82-1	1,2,4-Trichlorobenzene	2.5	< 2.5	U
91-20-3	Naphthalene	2.5	< 2.5	U
87-61-6	1,2,3-Trichlorobenzene	2.5	< 2.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	116%
d8-Toluene	101%
Bromofluorobenzene	90.1%
d4-1,2-Dichlorobenzene	107%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MW-13-20090428(51.5)**
 SAMPLE

Lab Sample ID: OX16E
LIMS ID: 09-10226
Matrix: Water
Data Release Authorized:
Reported: 05/08/09

QC Report No: OX16-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: 04/28/09
Date Received: 04/30/09

Instrument/Analyst: NT5/JZ
Date Analyzed: 04/30/09 17:35

Sample Amount: 10.0 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.5	< 0.5	U
75-01-4	**Vinyl Chloride**	**0.2**	**1.5**	
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.5	< 0.5	U
67-64-1	**Acetone**	**2.5**	**8.0**	
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	**1,1-Dichloroethene**	**0.2**	**0.9**	
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	**trans-1,2-Dichloroethene**	**0.2**	**2.6**	
156-59-2	**cis-1,2-Dichloroethene**	**0.2**	**200**	**ES**
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	2.5	< 2.5	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	1.0	< 1.0	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	**Trichloroethene**	**0.2**	**170**	**ES**
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	1.0	< 1.0	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	2.5	< 2.5	U
591-78-6	2-Hexanone	2.5	< 2.5	U
127-18-4	**Tetrachloroethene**	**0.2**	**490**	**ES**
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	0.2	< 0.2	U
179601-23-1	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	0.5	< 0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MW-13-20090428(51.5)**
 SAMPLE

Lab Sample ID: OX16E
LIMS ID: 09-10226
Matrix: Water
Date Analyzed: 04/30/09 17:35

QC Report No: OX16-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	108%
d8-Toluene	91.3%
Bromofluorobenzene	89.0%
d4-1,2-Dichlorobenzene	102%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MW-13-20090428(51.5)**
Page 1 of 2 **DILUTION**

Lab Sample ID: OX16E
LIMS ID: 09-10226
Matrix: Water
Data Release Authorized:
Reported: 05/08/09

QC Report No: OX16-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: 04/28/09
Date Received: 04/30/09

Instrument/Analyst: NT10/JZ
Date Analyzed: 05/06/09 19:06

Sample Amount: 0.333 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	6.0	< 6.0	U
74-83-9	Bromomethane	15	< 15	U
75-01-4	Vinyl Chloride	6.0	< 6.0	U
75-00-3	Chloroethane	6.0	< 6.0	U
75-09-2	Methylene Chloride	15	< 15	U
67-64-1	Acetone	75	< 75	U
75-15-0	Carbon Disulfide	6.0	< 6.0	U
75-35-4	1,1-Dichloroethene	6.0	< 6.0	U
75-34-3	1,1-Dichloroethane	6.0	< 6.0	U
156-60-5	trans-1,2-Dichloroethene	6.0	< 6.0	U
156-59-2	**cis-1,2-Dichloroethene**	**6.0**	**180**	
67-66-3	Chloroform	6.0	< 6.0	U
107-06-2	1,2-Dichloroethane	6.0	< 6.0	U
78-93-3	2-Butanone	75	< 75	U
71-55-6	1,1,1-Trichloroethane	6.0	< 6.0	U
56-23-5	Carbon Tetrachloride	6.0	< 6.0	U
108-05-4	Vinyl Acetate	30	< 30	U
75-27-4	Bromodichloromethane	6.0	< 6.0	U
78-87-5	1,2-Dichloropropane	6.0	< 6.0	U
10061-01-5	cis-1,3-Dichloropropene	6.0	< 6.0	U
79-01-6	**Trichloroethene**	**6.0**	**190**	
124-48-1	Dibromochloromethane	6.0	< 6.0	U
79-00-5	1,1,2-Trichloroethane	6.0	< 6.0	U
71-43-2	Benzene	6.0	< 6.0	U
10061-02-6	trans-1,3-Dichloropropene	6.0	< 6.0	U
110-75-8	2-Chloroethylvinylether	30	< 30	U
75-25-2	Bromoform	6.0	< 6.0	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	75	< 75	U
591-78-6	2-Hexanone	75	< 75	U
127-18-4	**Tetrachloroethene**	**6.0**	**540**	
79-34-5	1,1,2,2-Tetrachloroethane	6.0	< 6.0	U
108-88-3	Toluene	6.0	< 6.0	U
108-90-7	Chlorobenzene	6.0	< 6.0	U
100-41-4	Ethylbenzene	6.0	< 6.0	U
100-42-5	Styrene	6.0	< 6.0	U
75-69-4	Trichlorofluoromethane	6.0	< 6.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	6.0	< 6.0	U
179601-23-1	m,p-Xylene	12	< 12	U
95-47-6	o-Xylene	6.0	< 6.0	U
95-50-1	1,2-Dichlorobenzene	6.0	< 6.0	U
541-73-1	1,3-Dichlorobenzene	6.0	< 6.0	U
106-46-7	1,4-Dichlorobenzene	6.0	< 6.0	U
107-02-8	Acrolein	150	< 150	U
74-88-4	Methyl Iodide	30	< 30	U
74-96-4	Bromoethane	6.0	< 6.0	U
107-13-1	Acrylonitrile	30	< 30	U
563-58-6	1,1-Dichloropropene	6.0	< 6.0	U
74-95-3	Dibromomethane	6.0	< 6.0	U
630-20-6	1,1,1,2-Tetrachloroethane	6.0	< 6.0	U
96-12-8	1,2-Dibromo-3-chloropropane	15	< 15	U
96-18-4	1,2,3-Trichloropropane	15	< 15	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MW-13-20090428(51.5)**
 DILUTION

Lab Sample ID: OX16E
LIMS ID: 09-10226
Matrix: Water
Date Analyzed: 05/06/09 19:06

QC Report No: OX16-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	30	< 30	U
108-67-8	1,3,5-Trimethylbenzene	6.0	< 6.0	U
95-63-6	1,2,4-Trimethylbenzene	6.0	< 6.0	U
87-68-3	Hexachlorobutadiene	15	< 15	U
106-93-4	Ethylene Dibromide	6.0	< 6.0	U
74-97-5	Bromochloromethane	6.0	< 6.0	U
594-20-7	2,2-Dichloropropane	6.0	< 6.0	U
142-28-9	1,3-Dichloropropane	6.0	< 6.0	U
98-82-8	Isopropylbenzene	6.0	< 6.0	U
103-65-1	n-Propylbenzene	6.0	< 6.0	U
108-86-1	Bromobenzene	6.0	< 6.0	U
95-49-8	2-Chlorotoluene	6.0	< 6.0	U
106-43-4	4-Chlorotoluene	6.0	< 6.0	U
98-06-6	tert-Butylbenzene	6.0	< 6.0	U
135-98-8	sec-Butylbenzene	6.0	< 6.0	U
99-87-6	4-Isopropyltoluene	6.0	< 6.0	U
104-51-8	n-Butylbenzene	6.0	< 6.0	U
120-82-1	1,2,4-Trichlorobenzene	15	< 15	U
91-20-3	Naphthalene	15	< 15	U
87-61-6	1,2,3-Trichlorobenzene	15	< 15	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	96.7%
d8-Toluene	100%
Bromofluorobenzene	95.4%
d4-1,2-Dichlorobenzene	101%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MW1-PP-20090428**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OX16G
LIMS ID: 09-10228
Matrix: Water
Data Release Authorized:
Reported: 05/08/09

QC Report No: OX16-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: 04/28/09
Date Received: 04/30/09

Instrument/Analyst: NT5/JZ
Date Analyzed: 05/05/09 20:15

Sample Amount: 10.0 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.5	< 0.5	U
75-01-4	Vinyl Chloride	0.2	< 0.2	U
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.5	< 0.5	U
67-64-1	**Acetone**	**2.5**	**9.7**	
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	**cis-1,2-Dichloroethene**	**0.2**	**0.5**	
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	2.5	< 2.5	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	1.0	< 1.0	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	< 0.2	U
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	1.0	< 1.0	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	2.5	< 2.5	U
591-78-6	2-Hexanone	2.5	< 2.5	U
127-18-4	Tetrachloroethene	0.2	< 0.2	U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	0.2	< 0.2	U
179601-23-1	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	0.5	< 0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

Sample ID: MW1-PP-20090428
SAMPLE

Lab Sample ID: OX16G
LIMS ID: 09-10228
Matrix: Water
Date Analyzed: 05/05/09 20:15

QC Report No: OX16-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	117%
d8-Toluene	102%
Bromofluorobenzene	90.4%
d4-1,2-Dichlorobenzene	107%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MW2-PP-20090429**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OX16H
LIMS ID: 09-10229
Matrix: Water
Data Release Authorized:
Reported: 05/08/09

QC Report No: OX16-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: 04/29/09
Date Received: 04/30/09

Instrument/Analyst: NT5/JZ
Date Analyzed: 04/30/09 18:30

Sample Amount: 10.0 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	**Chloromethane**	**0.2**	**0.2**	
74-83-9	Bromomethane	0.5	< 0.5	U
75-01-4	**Vinyl Chloride**	**0.2**	**0.2**	
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.5	< 0.5	U
67-64-1	**Acetone**	**2.5**	**4.3**	
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	**cis-1,2-Dichloroethene**	**0.2**	**7.4**	
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	2.5	< 2.5	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	1.0	< 1.0	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	**Trichloroethene**	**0.2**	**1.6**	
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	1.0	< 1.0	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	2.5	< 2.5	U
591-78-6	2-Hexanone	2.5	< 2.5	U
127-18-4	**Tetrachloroethene**	**0.2**	**1.0**	
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	0.2	< 0.2	U
179601-23-1	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	0.5	< 0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MW2-PP-20090429**
 SAMPLE

Lab Sample ID: OX16H
LIMS ID: 09-10229
Matrix: Water
Date Analyzed: 04/30/09 18:30

QC Report No: OX16-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	109%
d8-Toluene	99.4%
Bromofluorobenzene	90.1%
d4-1,2-Dichlorobenzene	104%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-MW1-20090428(63)**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OX16J
LIMS ID: 09-10231
Matrix: Water
Data Release Authorized:
Reported: 05/08/09

QC Report No: OX16-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: 04/28/09
Date Received: 04/30/09

Instrument/Analyst: NT5/JZ
Date Analyzed: 04/30/09 18:57

Sample Amount: 10.0 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.5	< 0.5	U
75-01-4	Vinyl Chloride	0.2	< 0.2	U
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.5	< 0.5	U
67-64-1	**Acetone**	**2.5**	**7.4**	
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2	U
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	2.5	< 2.5	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	1.0	< 1.0	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	< 0.2	U
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	1.0	< 1.0	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	2.5	< 2.5	U
591-78-6	2-Hexanone	2.5	< 2.5	U
127-18-4	Tetrachloroethene	0.2	< 0.2	U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	0.2	< 0.2	U
179601-23-1	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	0.5	< 0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-MW1-20090428(63)**
 SAMPLE

Lab Sample ID: OX16J
LIMS ID: 09-10231
Matrix: Water
Date Analyzed: 04/30/09 18:57

QC Report No: OX16-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	112%
d8-Toluene	102%
Bromofluorobenzene	89.6%
d4-1,2-Dichlorobenzene	106%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-MW2-20090428(65)**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OX16K
LIMS ID: 09-10232
Matrix: Water
Data Release Authorized:
Reported: 05/08/09

QC Report No: OX16-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: 04/28/09
Date Received: 04/30/09

Instrument/Analyst: NT5/JZ
Date Analyzed: 04/30/09 19:25

Sample Amount: 10.0 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.5	< 0.5	U
75-01-4	**Vinyl Chloride**	**0.2**	**1.2**	
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.5	< 0.5	U
67-64-1	**Acetone**	**2.5**	**10**	
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	**1,1-Dichloroethene**	**0.2**	**1.0**	
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	**trans-1,2-Dichloroethene**	**0.2**	**1.8**	
156-59-2	**cis-1,2-Dichloroethene**	**0.2**	**180**	**E**
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	2.5	< 2.5	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	1.0	< 1.0	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	**Trichloroethene**	**0.2**	**120**	**E**
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	1.0	< 1.0	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	2.5	< 2.5	U
591-78-6	2-Hexanone	2.5	< 2.5	U
127-18-4	**Tetrachloroethene**	**0.2**	**300**	**ES**
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	0.2	< 0.2	U
179601-23-1	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	0.5	< 0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

Lab Sample ID: OX16K
LIMS ID: 09-10232
Matrix: Water
Date Analyzed: 04/30/09 19:25

QC Report No: OX16-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	116%
d8-Toluene	92.3%
Bromofluorobenzene	87.5%
d4-1,2-Dichlorobenzene	104%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-MW2-20090428(65)**
Page 1 of 2 **DILUTION**

Lab Sample ID: OX16K
LIMS ID: 09-10232
Matrix: Water
Data Release Authorized:
Reported: 05/08/09

QC Report No: OX16-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: 04/28/09
Date Received: 04/30/09

Instrument/Analyst: NT5/JZ
Date Analyzed: 05/05/09 22:57

Sample Amount: 1.00 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	2.0	< 2.0	U
74-83-9	Bromomethane	5.0	< 5.0	U
75-01-4	Vinyl Chloride	2.0	< 2.0	U
75-00-3	Chloroethane	2.0	< 2.0	U
75-09-2	Methylene Chloride	5.0	< 5.0	U
67-64-1	Acetone	25	< 25	U
75-15-0	Carbon Disulfide	2.0	< 2.0	U
75-35-4	1,1-Dichloroethene	2.0	< 2.0	U
75-34-3	1,1-Dichloroethane	2.0	< 2.0	U
156-60-5	**trans-1,2-Dichloroethene**	**2.0**	**3.6**	
156-59-2	**cis-1,2-Dichloroethene**	**2.0**	**180**	
67-66-3	Chloroform	2.0	< 2.0	U
107-06-2	1,2-Dichloroethane	2.0	< 2.0	U
78-93-3	2-Butanone	25	< 25	U
71-55-6	1,1,1-Trichloroethane	2.0	< 2.0	U
56-23-5	Carbon Tetrachloride	2.0	< 2.0	U
108-05-4	Vinyl Acetate	10	< 10	U
75-27-4	Bromodichloromethane	2.0	< 2.0	U
78-87-5	1,2-Dichloropropane	2.0	< 2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	< 2.0	U
79-01-6	**Trichloroethene**	**2.0**	**130**	
124-48-1	Dibromochloromethane	2.0	< 2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	< 2.0	U
71-43-2	Benzene	2.0	< 2.0	U
10061-02-6	trans-1,3-Dichloropropene	2.0	< 2.0	U
110-75-8	2-Chloroethylvinylether	10	< 10	U
75-25-2	Bromoform	2.0	< 2.0	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	25	< 25	U
591-78-6	2-Hexanone	25	< 25	U
127-18-4	**Tetrachloroethene**	**2.0**	**300**	
79-34-5	1,1,2,2-Tetrachloroethane	2.0	< 2.0	U
108-88-3	Toluene	2.0	< 2.0	U
108-90-7	Chlorobenzene	2.0	< 2.0	U
100-41-4	Ethylbenzene	2.0	< 2.0	U
100-42-5	Styrene	2.0	< 2.0	U
75-69-4	Trichlorofluoromethane	2.0	< 2.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	2.0	< 2.0	U
179601-23-1	m,p-Xylene	4.0	< 4.0	U
95-47-6	o-Xylene	2.0	< 2.0	U
95-50-1	1,2-Dichlorobenzene	2.0	< 2.0	U
541-73-1	1,3-Dichlorobenzene	2.0	< 2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	< 2.0	U
107-02-8	Acrolein	50	< 50	U
74-88-4	Methyl Iodide	10	< 10	U
74-96-4	Bromoethane	2.0	< 2.0	U
107-13-1	Acrylonitrile	10	< 10	U
563-58-6	1,1-Dichloropropene	2.0	< 2.0	U
74-95-3	Dibromomethane	2.0	< 2.0	U
630-20-6	1,1,1,2-Tetrachloroethane	2.0	< 2.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	< 5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	< 5.0	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-MW2-20090428(65)**
 DILUTION

Lab Sample ID: OX16K
LIMS ID: 09-10232
Matrix: Water
Date Analyzed: 05/05/09 22:57

QC Report No: OX16-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	10	< 10	U
108-67-8	1,3,5-Trimethylbenzene	2.0	< 2.0	U
95-63-6	1,2,4-Trimethylbenzene	2.0	< 2.0	U
87-68-3	Hexachlorobutadiene	5.0	< 5.0	U
106-93-4	Ethylene Dibromide	2.0	< 2.0	U
74-97-5	Bromochloromethane	2.0	< 2.0	U
594-20-7	2,2-Dichloropropane	2.0	< 2.0	U
142-28-9	1,3-Dichloropropane	2.0	< 2.0	U
98-82-8	Isopropylbenzene	2.0	< 2.0	U
103-65-1	n-Propylbenzene	2.0	< 2.0	U
108-86-1	Bromobenzene	2.0	< 2.0	U
95-49-8	2-Chlorotoluene	2.0	< 2.0	U
106-43-4	4-Chlorotoluene	2.0	< 2.0	U
98-06-6	tert-Butylbenzene	2.0	< 2.0	U
135-98-8	sec-Butylbenzene	2.0	< 2.0	U
99-87-6	4-Isopropyltoluene	2.0	< 2.0	U
104-51-8	n-Butylbenzene	2.0	< 2.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	< 5.0	U
91-20-3	Naphthalene	5.0	< 5.0	U
87-61-6	1,2,3-Trichlorobenzene	5.0	< 5.0	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	110%
d8-Toluene	96.5%
Bromofluorobenzene	88.0%
d4-1,2-Dichlorobenzene	106%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-MW4-20090428(25)**
 SAMPLE

Lab Sample ID: OX16L
LIMS ID: 09-10233
Matrix: Water
Data Release Authorized:
Reported: 05/08/09

QC Report No: OX16-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: 04/28/09
Date Received: 04/30/09

Instrument/Analyst: NT5/JZ
Date Analyzed: 05/05/09 20:42

Sample Amount: 10.0 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.5	< 0.5	U
75-01-4	**Vinyl Chloride**	**0.2**	**0.3**	
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.5	< 0.5	U
67-64-1	**Acetone**	**2.5**	**8.6**	
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	**cis-1,2-Dichloroethene**	**0.2**	**0.6**	
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	2.5	< 2.5	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	1.0	< 1.0	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	< 0.2	U
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	1.0	< 1.0	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	2.5	< 2.5	U
591-78-6	2-Hexanone	2.5	< 2.5	U
127-18-4	Tetrachloroethene	0.2	< 0.2	U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	0.2	< 0.2	U
179601-23-1	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	0.5	< 0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

Lab Sample ID: OX16L
LIMS ID: 09-10233
Matrix: Water
Date Analyzed: 05/05/09 20:42

QC Report No: OX16-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	110%
d8-Toluene	101%
Bromofluorobenzene	91.7%
d4-1,2-Dichlorobenzene	104%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-MW4-PP-20090428**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OX16M
LIMS ID: 09-10234
Matrix: Water
Data Release Authorized:
Reported: 05/08/09

QC Report No: OX16-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: 04/28/09
Date Received: 04/30/09

Instrument/Analyst: NT5/JZ
Date Analyzed: 05/05/09 21:09

Sample Amount: 10.0 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.5	< 0.5	U
75-01-4	**Vinyl Chloride**	**0.2**	**0.5**	
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.5	< 0.5	U
67-64-1	Acetone	2.5	< 2.5	U
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	**cis-1,2-Dichloroethene**	**0.2**	**0.5**	
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	2.5	< 2.5	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	1.0	< 1.0	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	< 0.2	U
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	1.0	< 1.0	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	2.5	< 2.5	U
591-78-6	2-Hexanone	2.5	< 2.5	U
127-18-4	Tetrachloroethene	0.2	< 0.2	U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	0.2	< 0.2	U
179601-23-1	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	0.5	< 0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LAI-MW4-PP-20090428**
 SAMPLE

Lab Sample ID: OX16M
LIMS ID: 09-10234
Matrix: Water
Date Analyzed: 05/05/09 21:09

QC Report No: OX16-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	108%
d8-Toluene	97.5%
Bromofluorobenzene	91.7%
d4-1,2-Dichlorobenzene	107%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MB-043009**
 METHOD BLANK

Lab Sample ID: MB-043009
LIMS ID: 09-10222
Matrix: Water
Data Release Authorized:
Reported: 05/08/09

QC Report No: OX16-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: NA
Date Received: NA

Instrument/Analyst: NT5/JZ
Date Analyzed: 04/30/09 13:01

Sample Amount: 10.0 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.5	< 0.5	U
75-01-4	Vinyl Chloride	0.2	< 0.2	U
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.5	< 0.5	U
67-64-1	Acetone	2.5	< 2.5	U
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2	U
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	2.5	< 2.5	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	1.0	< 1.0	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	< 0.2	U
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	1.0	< 1.0	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	2.5	< 2.5	U
591-78-6	2-Hexanone	2.5	< 2.5	U
127-18-4	Tetrachloroethene	0.2	< 0.2	U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	0.2	< 0.2	U
179601-23-1	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	0.5	< 0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MB-043009**
 METHOD BLANK

Lab Sample ID: MB-043009 QC Report No: OX16-Landau Associates, Inc.
LIMS ID: 09-10222 Project: SAURO'S PROPERTY
Matrix: Water 094048.010.011
Date Analyzed: 04/30/09 13:01

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	113%
d8-Toluene	102%
Bromofluorobenzene	92.4%
d4-1,2-Dichlorobenzene	104%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MB-050509**
 METHOD BLANK

Lab Sample ID: MB-050509
LIMS ID: 09-10233
Matrix: Water
Data Release Authorized:
Reported: 05/08/09

QC Report No: OX16-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: NA
Date Received: NA

Instrument/Analyst: NT5/JZ
Date Analyzed: 05/05/09 14:21

Sample Amount: 10.0 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.5	< 0.5	U
75-01-4	Vinyl Chloride	0.2	< 0.2	U
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.5	< 0.5	U
67-64-1	Acetone	2.5	< 2.5	U
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2	U
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	2.5	< 2.5	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	1.0	< 1.0	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	< 0.2	U
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	1.0	< 1.0	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	2.5	< 2.5	U
591-78-6	2-Hexanone	2.5	< 2.5	U
127-18-4	Tetrachloroethene	0.2	< 0.2	U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	0.2	< 0.2	U
179601-23-1	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	0.5	< 0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MB-050509**
 METHOD BLANK

Lab Sample ID: MB-050509 QC Report No: OX16-Landau Associates, Inc.
LIMS ID: 09-10233 Project: SAURO'S PROPERTY
Matrix: Water 094048.010.011
Date Analyzed: 05/05/09 14:21

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	106%
d8-Toluene	101%
Bromofluorobenzene	95.5%
d4-1,2-Dichlorobenzene	103%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MB-050609**
 METHOD BLANK

Lab Sample ID: MB-050609
LIMS ID: 09-10226
Matrix: Water
Data Release Authorized:
Reported: 05/08/09

QC Report No: OX16-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: NA
Date Received: NA

Instrument/Analyst: NT10/JZ
Date Analyzed: 05/06/09 13:57

Sample Amount: 10.0 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.5	< 0.5	U
75-01-4	Vinyl Chloride	0.2	< 0.2	U
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.5	< 0.5	U
67-64-1	Acetone	2.5	< 2.5	U
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2	U
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	2.5	< 2.5	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	1.0	< 1.0	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	< 0.2	U
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	1.0	< 1.0	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	2.5	< 2.5	U
591-78-6	2-Hexanone	2.5	< 2.5	U
127-18-4	Tetrachloroethene	0.2	< 0.2	U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	0.2	< 0.2	U
179601-23-1	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	0.5	< 0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MB-050609**
 METHOD BLANK

Lab Sample ID: MB-050609 QC Report No: OX16-Landau Associates, Inc.
LIMS ID: 09-10226 Project: SAURO'S PROPERTY
Matrix: Water 094048.010.011
Date Analyzed: 05/06/09 13:57

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	94.9%
d8-Toluene	99.8%
Bromofluorobenzene	99.0%
d4-1,2-Dichlorobenzene	101%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: TRIP BLANKS SAMPLE**

Lab Sample ID: OX16F
LIMS ID: 09-10227
Matrix: Water
Data Release Authorized:
Reported: 05/08/09

QC Report No: OX16-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: 04/28/09
Date Received: 04/30/09

Instrument/Analyst: NT5/JZ
Date Analyzed: 04/30/09 15:18

Sample Amount: 10.0 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	**Chloromethane**	**0.2**	**0.4**	
74-83-9	Bromomethane	0.5	< 0.5	U
75-01-4	Vinyl Chloride	0.2	< 0.2	U
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.5	< 0.5	U
67-64-1	Acetone	2.5	< 2.5	U
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2	U
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	2.5	< 2.5	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	1.0	< 1.0	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	< 0.2	U
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	1.0	< 1.0	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	2.5	< 2.5	U
591-78-6	2-Hexanone	2.5	< 2.5	U
127-18-4	Tetrachloroethene	0.2	< 0.2	U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	0.2	< 0.2	U
179601-23-1	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	0.5	< 0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: TRIP BLANKS**
 SAMPLE

Lab Sample ID: OX16F
LIMS ID: 09-10227
Matrix: Water
Date Analyzed: 04/30/09 15:18

QC Report No: OX16-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	112%
d8-Toluene	101%
Bromofluorobenzene	90.7%
d4-1,2-Dichlorobenzene	106%

ANALYTICAL RESOURCES INCORPORATED

VOA SURROGATE RECOVERY SUMMARY

Matrix: Water

QC Report No: OX16-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011

ARI ID	Client ID	PV	DCE	TOL	BFB	DCB	TOT OUT
MB-043009	Method Blank	10	113%	102%	92.4%	104%	0
LCS-043009	Lab Control	10	99.9%	99.7%	99.2%	98.1%	0
LCSD-043009	Lab Control Dup	10	104%	98.8%	99.6%	100%	0
OX16A	MW-11D-20090428(47.5)	10	110%	101%	91.6%	103%	0
OX16B	MW-11D-PP-20090428	10	115%	102%	91.8%	106%	0
OX16C	MW-11S-20090428(17.5)	10	109%	97.3%	90.7%	104%	0
OX16CDL	MW-11S-20090428(17.5)	10	112%	102%	90.2%	105%	0
OX16D	MW-999-20090428(17.5)	10	112%	98.2%	90.1%	103%	0
OX16DDL	MW-999-20090428(17.5)	10	116%	101%	90.1%	107%	0
MB-050609	Method Blank	10	94.9%	99.8%	99.0%	101%	0
LCS-050609	Lab Control	10	96.5%	101%	97.9%	96.7%	0
LCSD-050609	Lab Control Dup	10	93.4%	101%	103%	97.5%	0
OX16E	MW-13-20090428(51.5)	10	108%	91.3%	89.0%	102%	0
OX16EDL	MW-13-20090428(51.5)	10	96.7%	100%	95.4%	101%	0
OX16F	TRIP BLANKS	10	112%	101%	90.7%	106%	0
OX16G	MW1-PP-20090428	10	117%	102%	90.4%	107%	0
OX16H	MW2-PP-20090429	10	109%	99.4%	90.1%	104%	0
OX16J	LAI-MW1-20090428(63)	10	112%	102%	89.6%	106%	0
OX16K	LAI-MW2-20090428(65)	10	116%	92.3%	87.5%	104%	0
OX16KDL	LAI-MW2-20090428(65)	10	110%	96.5%	88.0%	106%	0
MB-050509	Method Blank	10	106%	101%	95.5%	103%	0
LCS-050509	Lab Control	10	103%	99.9%	102%	98.4%	0
LCSD-050509	Lab Control Dup	10	105%	99.5%	100%	99.8%	0
OX16L	LAI-MW4-20090428(25)	10	110%	101%	91.7%	104%	0
OX16M	LAI-MW4-PP-20090428	10	108%	97.5%	91.7%	107%	0

SW8260B	LCS/MB LIMITS	QC LIMITS
(DCE) = d4-1,2-Dichloroethane	70-130	70-130
(TOL) = d8-Toluene	70-130	70-130
(BFB) = Bromofluorobenzene	70-130	70-130
(DCB) = d4-1,2-Dichlorobenzene	70-130	70-130

Prep Method: SW5030B
Log Number Range: 09-10222 to 09-10234

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LCS-043009**
 LAB CONTROL SAMPLE

Lab Sample ID: LCS-043009
LIMS ID: 09-10222
Matrix: Water
Data Release Authorized:
Reported: 05/08/09

QC Report No: OX16-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: NA
Date Received: NA

Instrument/Analyst LCS: NT5/JZ
LCSD: NT5/JZ
Date Analyzed LCS: 04/30/09 12:06
LCSD: 04/30/09 12:33

Sample Amount LCS: 10.0 mL
LCSD: 10.0 mL
Purge Volume LCS: 10.0 mL
LCSD: 10.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	10.3	10.0	103%	11.3	10.0	113%	9.3%
Bromomethane	13.1	10.0	131%	13.8	10.0	138%	5.2%
Vinyl Chloride	9.6	10.0	96.0%	10.6	10.0	106%	9.9%
Chloroethane	10.1	10.0	101%	11.2	10.0	112%	10.3%
Methylene Chloride	8.5	10.0	85.0%	10.0	10.0	100%	16.2%
Acetone	53.3	50.0	107%	56.2	50.0	112%	5.3%
Carbon Disulfide	9.8	10.0	98.0%	10.8	10.0	108%	9.7%
1,1-Dichloroethene	10.0	10.0	100%	10.7	10.0	107%	6.8%
1,1-Dichloroethane	9.8	10.0	98.0%	10.8	10.0	108%	9.7%
trans-1,2-Dichloroethene	10.1	10.0	101%	11.0	10.0	110%	8.5%
cis-1,2-Dichloroethene	9.8	10.0	98.0%	10.7	10.0	107%	8.8%
Chloroform	10.0	10.0	100%	10.8	10.0	108%	7.7%
1,2-Dichloroethane	10.1	10.0	101%	10.3	10.0	103%	2.0%
2-Butanone	57.0	50.0	114%	60.6	50.0	121%	6.1%
1,1,1-Trichloroethane	10.0	10.0	100%	11.0	10.0	110%	9.5%
Carbon Tetrachloride	9.9	10.0	99.0%	10.3	10.0	103%	4.0%
Vinyl Acetate	10.5	10.0	105%	11.1	10.0	111%	5.6%
Bromodichloromethane	9.3	10.0	93.0%	9.7	10.0	97.0%	4.2%
1,2-Dichloropropane	9.5	10.0	95.0%	10.2	10.0	102%	7.1%
cis-1,3-Dichloropropene	9.7	10.0	97.0%	10.3	10.0	103%	6.0%
Trichloroethene	9.9	10.0	99.0%	10.4	10.0	104%	4.9%
Dibromochloromethane	8.6	10.0	86.0%	9.1	10.0	91.0%	5.6%
1,1,2-Trichloroethane	8.7	10.0	87.0%	9.0	10.0	90.0%	3.4%
Benzene	10.0	10.0	100%	10.4	10.0	104%	3.9%
trans-1,3-Dichloropropene	9.3	10.0	93.0%	9.8	10.0	98.0%	5.2%
2-Chloroethylvinylether	10.3	10.0	103%	11.0	10.0	110%	6.6%
Bromoform	9.7	10.0	97.0%	10.7	10.0	107%	9.8%
4-Methyl-2-Pentanone (MIBK)	56.8	50.0	114%	58.7	50.0	117%	3.3%
2-Hexanone	56.6	50.0	113%	58.3	50.0	117%	3.0%
Tetrachloroethene	9.8	10.0	98.0%	10.2	10.0	102%	4.0%
1,1,2,2-Tetrachloroethane	10.0	10.0	100%	11.0	10.0	110%	9.5%
Toluene	9.7	10.0	97.0%	10.2	10.0	102%	5.0%
Chlorobenzene	9.1	10.0	91.0%	9.6	10.0	96.0%	5.3%
Ethylbenzene	9.6	10.0	96.0%	10.3	10.0	103%	7.0%
Styrene	9.4	10.0	94.0%	10.1	10.0	101%	7.2%
Trichlorofluoromethane	10.8	10.0	108%	11.6	10.0	116%	7.1%
1,1,2-Trichloro-1,2,2-trifluoroetha	10.1	10.0	101%	11.0	10.0	110%	8.5%
m,p-Xylene	19.4	20.0	97.0%	20.8	20.0	104%	7.0%
o-Xylene	9.2	10.0	92.0%	9.9	10.0	99.0%	7.3%
1,2-Dichlorobenzene	9.7	10.0	97.0%	10.7	10.0	107%	9.8%
1,3-Dichlorobenzene	9.8	10.0	98.0%	10.9	10.0	109%	10.6%
1,4-Dichlorobenzene	9.7	10.0	97.0%	10.8	10.0	108%	10.7%
Acrolein	51.5	50.0	103%	55.8	50.0	112%	8.0%
Methyl Iodide	9.1	10.0	91.0%	10.5	10.0	105%	14.3%
Bromoethane	9.7	10.0	97.0%	10.8	10.0	108%	10.7%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LCS-043009**
 LAB CONTROL SAMPLE

Lab Sample ID: LCS-043009 QC Report No: OX16-Landau Associates, Inc.
LIMS ID: 09-10222 Project: SAURO'S PROPERTY
Matrix: Water 094048.010.011

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Acrylonitrile	11.3	10.0	113%	11.9	10.0	119%	5.2%
1,1-Dichloropropene	9.9	10.0	99.0%	10.6	10.0	106%	6.8%
Dibromomethane	9.8	10.0	98.0%	10.1	10.0	101%	3.0%
1,1,1,2-Tetrachloroethane	8.5	10.0	85.0%	9.2	10.0	92.0%	7.9%
1,2-Dibromo-3-chloropropane	9.9	10.0	99.0%	10.8	10.0	108%	8.7%
1,2,3-Trichloropropane	10.2	10.0	102%	11.1	10.0	111%	8.5%
trans-1,4-Dichloro-2-butene	10.1	10.0	101%	11.0	10.0	110%	8.5%
1,3,5-Trimethylbenzene	9.2	10.0	92.0%	10.4	10.0	104%	12.2%
1,2,4-Trimethylbenzene	9.0	10.0	90.0%	10.2	10.0	102%	12.5%
Hexachlorobutadiene	8.6	10.0	86.0%	9.6	10.0	96.0%	11.0%
Ethylene Dibromide	9.4	10.0	94.0%	9.6	10.0	96.0%	2.1%
Bromochloromethane	10.3	10.0	103%	11.4	10.0	114%	10.1%
2,2-Dichloropropane	9.9	10.0	99.0%	10.7	10.0	107%	7.8%
1,3-Dichloropropane	9.2	10.0	92.0%	9.7	10.0	97.0%	5.3%
Isopropylbenzene	9.4	10.0	94.0%	10.5	10.0	105%	11.1%
n-Propylbenzene	9.3	10.0	93.0%	10.4	10.0	104%	11.2%
Bromobenzene	9.6	10.0	96.0%	10.6	10.0	106%	9.9%
2-Chlorotoluene	8.6	10.0	86.0%	9.6	10.0	96.0%	11.0%
4-Chlorotoluene	8.7	10.0	87.0%	9.6	10.0	96.0%	9.8%
tert-Butylbenzene	9.3	10.0	93.0%	10.4	10.0	104%	11.2%
sec-Butylbenzene	9.6	10.0	96.0%	10.7	10.0	107%	10.8%
4-Isopropyltoluene	9.6	10.0	96.0%	10.6	10.0	106%	9.9%
n-Butylbenzene	9.5	10.0	95.0%	10.6	10.0	106%	10.9%
1,2,4-Trichlorobenzene	9.2	10.0	92.0%	10.4	10.0	104%	12.2%
Naphthalene	9.4	10.0	94.0%	10.4	10.0	104%	10.1%
1,2,3-Trichlorobenzene	9.7	10.0	97.0%	10.9	10.0	109%	11.7%

Reported in µg/L (ppb)

RPD calculated using sample concentrations per SW846.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	99.9%	104%
d8-Toluene	99.7%	98.8%
Bromofluorobenzene	99.2%	99.6%
d4-1,2-Dichlorobenzene	98.1%	100%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LCS-050509**
 LAB CONTROL SAMPLE

Lab Sample ID: LCS-050509
LIMS ID: 09-10233
Matrix: Water
Data Release Authorized:
Reported: 05/08/09

QC Report No: OX16-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: NA
Date Received: NA

Instrument/Analyst LCS: NT5/JZ
LCSD: NT5/JZ
Date Analyzed LCS: 05/05/09 12:32
LCSD: 05/05/09 12:59

Sample Amount LCS: 10.0 mL
LCSD: 10.0 mL
Purge Volume LCS: 10.0 mL
LCSD: 10.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	10.0	10.0	100%	10.6	10.0	106%	5.8%
Bromomethane	11.6	10.0	116%	12.5	10.0	125%	7.5%
Vinyl Chloride	9.5	10.0	95.0%	10.0	10.0	100%	5.1%
Chloroethane	10.1	10.0	101%	10.4	10.0	104%	2.9%
Methylene Chloride	9.9	10.0	99.0%	9.9	10.0	99.0%	0.0%
Acetone	53.0	50.0	106%	52.2	50.0	104%	1.5%
Carbon Disulfide	9.6	10.0	96.0%	10.2	10.0	102%	6.1%
1,1-Dichloroethene	9.8	10.0	98.0%	10.2	10.0	102%	4.0%
1,1-Dichloroethane	9.9	10.0	99.0%	10.6	10.0	106%	6.8%
trans-1,2-Dichloroethene	10.0	10.0	100%	10.6	10.0	106%	5.8%
cis-1,2-Dichloroethene	9.8	10.0	98.0%	10.3	10.0	103%	5.0%
Chloroform	10.0	10.0	100%	10.5	10.0	105%	4.9%
1,2-Dichloroethane	9.8	10.0	98.0%	9.9	10.0	99.0%	1.0%
2-Butanone	56.9	50.0	114%	56.7	50.0	113%	0.4%
1,1,1-Trichloroethane	10.0	10.0	100%	10.6	10.0	106%	5.8%
Carbon Tetrachloride	9.6	10.0	96.0%	9.7	10.0	97.0%	1.0%
Vinyl Acetate	10.0	10.0	100%	10.3	10.0	103%	3.0%
Bromodichloromethane	9.3	10.0	93.0%	9.3	10.0	93.0%	0.0%
1,2-Dichloropropane	9.6	10.0	96.0%	9.8	10.0	98.0%	2.1%
cis-1,3-Dichloropropene	9.7	10.0	97.0%	9.8	10.0	98.0%	1.0%
Trichloroethene	9.8	10.0	98.0%	10.0	10.0	100%	2.0%
Dibromochloromethane	8.4	10.0	84.0%	8.7	10.0	87.0%	3.5%
1,1,2-Trichloroethane	8.6	10.0	86.0%	8.7	10.0	87.0%	1.2%
Benzene	9.7	10.0	97.0%	10.0	10.0	100%	3.0%
trans-1,3-Dichloropropene	9.4	10.0	94.0%	9.3	10.0	93.0%	1.1%
2-Chloroethylvinylether	10.4	10.0	104%	10.4	10.0	104%	0.0%
Bromoform	9.6	10.0	96.0%	10.0	10.0	100%	4.1%
4-Methyl-2-Pentanone (MIBK)	56.2	50.0	112%	54.5	50.0	109%	3.1%
2-Hexanone	55.3	50.0	111%	53.7	50.0	107%	2.9%
Tetrachloroethene	9.4	10.0	94.0%	9.8	10.0	98.0%	4.2%
1,1,2,2-Tetrachloroethane	9.8	10.0	98.0%	10.1	10.0	101%	3.0%
Toluene	9.5	10.0	95.0%	9.7	10.0	97.0%	2.1%
Chlorobenzene	8.9	10.0	89.0%	9.1	10.0	91.0%	2.2%
Ethylbenzene	9.4	10.0	94.0%	9.7	10.0	97.0%	3.1%
Styrene	9.4	10.0	94.0%	9.6	10.0	96.0%	2.1%
Trichlorofluoromethane	10.6	10.0	106%	11.2	10.0	112%	5.5%
1,1,2-Trichloro-1,2,2-trifluoroetha	10.0	10.0	100%	10.4	10.0	104%	3.9%
m,p-Xylene	19.1	20.0	95.5%	20.0	20.0	100%	4.6%
o-Xylene	9.2	10.0	92.0%	9.5	10.0	95.0%	3.2%
1,2-Dichlorobenzene	9.6	10.0	96.0%	10.1	10.0	101%	5.1%
1,3-Dichlorobenzene	9.6	10.0	96.0%	10.1	10.0	101%	5.1%
1,4-Dichlorobenzene	9.5	10.0	95.0%	10.1	10.0	101%	6.1%
Acrolein	51.4	50.0	103%	51.9	50.0	104%	1.0%
Methyl Iodide	10.5	10.0	105%	11.0	10.0	110%	4.7%
Bromoethane	9.8	10.0	98.0%	10.3	10.0	103%	5.0%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LCS-050509**
 LAB CONTROL SAMPLE

Lab Sample ID: LCS-050509 QC Report No: OX16-Landau Associates, Inc.
LIMS ID: 09-10233 Project: SAURO'S PROPERTY
Matrix: Water 094048.010.011

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Acrylonitrile	11.2	10.0	112%	11.0	10.0	110%	1.8%
1,1-Dichloropropene	9.9	10.0	99.0%	10.1	10.0	101%	2.0%
Dibromomethane	9.8	10.0	98.0%	9.8	10.0	98.0%	0.0%
1,1,1,2-Tetrachloroethane	8.4	10.0	84.0%	8.7	10.0	87.0%	3.5%
1,2-Dibromo-3-chloropropane	9.8	10.0	98.0%	9.9	10.0	99.0%	1.0%
1,2,3-Trichloropropane	10.1	10.0	101%	10.3	10.0	103%	2.0%
trans-1,4-Dichloro-2-butene	9.9	10.0	99.0%	9.8	10.0	98.0%	1.0%
1,3,5-Trimethylbenzene	9.2	10.0	92.0%	9.7	10.0	97.0%	5.3%
1,2,4-Trimethylbenzene	8.9	10.0	89.0%	9.6	10.0	96.0%	7.6%
Hexachlorobutadiene	8.3	10.0	83.0%	8.9	10.0	89.0%	7.0%
Ethylene Dibromide	9.2	10.0	92.0%	9.3	10.0	93.0%	1.1%
Bromochloromethane	10.4	10.0	104%	11.0	10.0	110%	5.6%
2,2-Dichloropropane	9.8	10.0	98.0%	10.3	10.0	103%	5.0%
1,3-Dichloropropane	9.0	10.0	90.0%	9.2	10.0	92.0%	2.2%
Isopropylbenzene	9.2	10.0	92.0%	9.8	10.0	98.0%	6.3%
n-Propylbenzene	9.1	10.0	91.0%	9.7	10.0	97.0%	6.4%
Bromobenzene	9.3	10.0	93.0%	9.9	10.0	99.0%	6.2%
2-Chlorotoluene	8.4	10.0	84.0%	9.0	10.0	90.0%	6.9%
4-Chlorotoluene	8.5	10.0	85.0%	9.1	10.0	91.0%	6.8%
tert-Butylbenzene	9.1	10.0	91.0%	9.8	10.0	98.0%	7.4%
sec-Butylbenzene	9.3	10.0	93.0%	9.9	10.0	99.0%	6.2%
4-Isopropyltoluene	9.2	10.0	92.0%	10.0	10.0	100%	8.3%
n-Butylbenzene	9.3	10.0	93.0%	9.9	10.0	99.0%	6.2%
1,2,4-Trichlorobenzene	9.1	10.0	91.0%	9.7	10.0	97.0%	6.4%
Naphthalene	9.2	10.0	92.0%	9.7	10.0	97.0%	5.3%
1,2,3-Trichlorobenzene	9.6	10.0	96.0%	10.1	10.0	101%	5.1%

Reported in µg/L (ppb)

RPD calculated using sample concentrations per SW846.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	103%	105%
d8-Toluene	99.9%	99.5%
Bromofluorobenzene	102%	100%
d4-1,2-Dichlorobenzene	98.4%	99.8%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LCS-050609**
 LAB CONTROL SAMPLE

Lab Sample ID: LCS-050609 QC Report No: OX16-Landau Associates, Inc.
LIMS ID: 09-10226 Project: SAURO'S PROPERTY
Matrix: Water 094048.010.011
Data Release Authorized: Date Sampled: NA
Reported: 05/08/09 Date Received: NA

Instrument/Analyst LCS: NT10/JZ Sample Amount LCS: 10.0 mL
LCSD: NT10/JZ LCSD: 10.0 mL
Date Analyzed LCS: 05/06/09 12:57 Purge Volume LCS: 10.0 mL
LCSD: 05/06/09 13:27 LCSD: 10.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	10.4	10.0	104%	7.9	10.0	79.0%	27.3%
Bromomethane	13.3	10.0	133%	12.3	10.0	123%	7.8%
Vinyl Chloride	8.8	10.0	88.0%	9.6	10.0	96.0%	8.7%
Chloroethane	10.3	10.0	103%	10.5	10.0	105%	1.9%
Methylene Chloride	8.8	10.0	88.0%	9.7	10.0	97.0%	9.7%
Acetone	43.7	50.0	87.4%	47.2	50.0	94.4%	7.7%
Carbon Disulfide	9.6	10.0	96.0%	11.0	10.0	110%	13.6%
1,1-Dichloroethene	8.9	10.0	89.0%	10.1	10.0	101%	12.6%
1,1-Dichloroethane	9.0	10.0	90.0%	9.9	10.0	99.0%	9.5%
trans-1,2-Dichloroethene	9.2	10.0	92.0%	10.1	10.0	101%	9.3%
cis-1,2-Dichloroethene	9.0	10.0	90.0%	10.0	10.0	100%	10.5%
Chloroform	9.1	10.0	91.0%	10.0	10.0	100%	9.4%
1,2-Dichloroethane	8.7	10.0	87.0%	9.6	10.0	96.0%	9.8%
2-Butanone	47.9	50.0	95.8%	51.4	50.0	103%	7.0%
1,1,1-Trichloroethane	9.4	10.0	94.0%	10.4	10.0	104%	10.1%
Carbon Tetrachloride	9.5	10.0	95.0%	10.5	10.0	105%	10.0%
Vinyl Acetate	9.6	10.0	96.0%	10.1	10.0	101%	5.1%
Bromodichloromethane	9.0	10.0	90.0%	9.7	10.0	97.0%	7.5%
1,2-Dichloropropane	9.3	10.0	93.0%	9.7	10.0	97.0%	4.2%
cis-1,3-Dichloropropene	9.2	10.0	92.0%	10.0	10.0	100%	8.3%
Trichloroethene	10.7	10.0	107%	11.2	10.0	112%	4.6%
Dibromochloromethane	8.9	10.0	89.0%	9.4	10.0	94.0%	5.5%
1,1,2-Trichloroethane	8.8	10.0	88.0%	9.5	10.0	95.0%	7.7%
Benzene	9.5	10.0	95.0%	10.2	10.0	102%	7.1%
trans-1,3-Dichloropropene	9.2	10.0	92.0%	10.0	10.0	100%	8.3%
2-Chloroethylvinylether	9.6	10.0	96.0%	10.4	10.0	104%	8.0%
Bromoform	8.6	10.0	86.0%	9.2	10.0	92.0%	6.7%
4-Methyl-2-Pentanone (MIBK)	52.0	50.0	104%	54.4	50.0	109%	4.5%
2-Hexanone	50.6	50.0	101%	51.4	50.0	103%	1.6%
Tetrachloroethene	9.4	10.0	94.0%	9.8	10.0	98.0%	4.2%
1,1,2,2-Tetrachloroethane	9.3	10.0	93.0%	9.8	10.0	98.0%	5.2%
Toluene	9.2	10.0	92.0%	9.8	10.0	98.0%	6.3%
Chlorobenzene	9.0	10.0	90.0%	9.6	10.0	96.0%	6.5%
Ethylbenzene	9.3	10.0	93.0%	9.8	10.0	98.0%	5.2%
Styrene	9.4	10.0	94.0%	10.1	10.0	101%	7.2%
Trichlorofluoromethane	9.4	10.0	94.0%	10.4	10.0	104%	10.1%
1,1,2-Trichloro-1,2,2-trifluoroetha	10.3	10.0	103%	10.8	10.0	108%	4.7%
m,p-Xylene	19.3	20.0	96.5%	20.2	20.0	101%	4.6%
o-Xylene	9.6	10.0	96.0%	10.4	10.0	104%	8.0%
1,2-Dichlorobenzene	8.4	10.0	84.0%	8.9	10.0	89.0%	5.8%
1,3-Dichlorobenzene	9.0	10.0	90.0%	9.4	10.0	94.0%	4.3%
1,4-Dichlorobenzene	8.8	10.0	88.0%	9.3	10.0	93.0%	5.5%
Acrolein	46.0	50.0	92.0%	51.3	50.0	103%	10.9%
Methyl Iodide	10.0	10.0	100%	10.9	10.0	109%	8.6%
Bromoethane	9.8	10.0	98.0%	10.9	10.0	109%	10.6%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LCS-050609**
 LAB CONTROL SAMPLE

Lab Sample ID: LCS-050609 QC Report No: OX16-Landau Associates, Inc.
LIMS ID: 09-10226 Project: SAURO'S PROPERTY
Matrix: Water 094048.010.011

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Acrylonitrile	9.6	10.0	96.0%	10.5	10.0	105%	9.0%
1,1-Dichloropropene	9.1	10.0	91.0%	10.2	10.0	102%	11.4%
Dibromomethane	8.9	10.0	89.0%	9.7	10.0	97.0%	8.6%
1,1,1,2-Tetrachloroethane	9.4	10.0	94.0%	10.1	10.0	101%	7.2%
1,2-Dibromo-3-chloropropane	8.8	10.0	88.0%	9.4	10.0	94.0%	6.6%
1,2,3-Trichloropropane	8.0	10.0	80.0%	8.6	10.0	86.0%	7.2%
trans-1,4-Dichloro-2-butene	10.2	10.0	102%	10.6	10.0	106%	3.8%
1,3,5-Trimethylbenzene	9.4	10.0	94.0%	10.1	10.0	101%	7.2%
1,2,4-Trimethylbenzene	9.4	10.0	94.0%	10.0	10.0	100%	6.2%
Hexachlorobutadiene	9.2	10.0	92.0%	10.0	10.0	100%	8.3%
Ethylene Dibromide	8.7	10.0	87.0%	9.8	10.0	98.0%	11.9%
Bromochloromethane	9.1	10.0	91.0%	10.0	10.0	100%	9.4%
2,2-Dichloropropane	10.1	10.0	101%	11.1	10.0	111%	9.4%
1,3-Dichloropropane	9.0	10.0	90.0%	9.2	10.0	92.0%	2.2%
Isopropylbenzene	9.6	10.0	96.0%	10.3	10.0	103%	7.0%
n-Propylbenzene	9.4	10.0	94.0%	10.0	10.0	100%	6.2%
Bromobenzene	8.8	10.0	88.0%	9.3	10.0	93.0%	5.5%
2-Chlorotoluene	9.2	10.0	92.0%	9.7	10.0	97.0%	5.3%
4-Chlorotoluene	9.2	10.0	92.0%	9.6	10.0	96.0%	4.3%
tert-Butylbenzene	9.4	10.0	94.0%	10.2	10.0	102%	8.2%
sec-Butylbenzene	9.3	10.0	93.0%	10.0	10.0	100%	7.3%
4-Isopropyltoluene	9.3	10.0	93.0%	10.0	10.0	100%	7.3%
n-Butylbenzene	9.5	10.0	95.0%	10.2	10.0	102%	7.1%
1,2,4-Trichlorobenzene	8.6	10.0	86.0%	9.1	10.0	91.0%	5.6%
Naphthalene	8.4	10.0	84.0%	8.7	10.0	87.0%	3.5%
1,2,3-Trichlorobenzene	8.6	10.0	86.0%	9.0	10.0	90.0%	4.5%

Reported in µg/L (ppb)

RPD calculated using sample concentrations per SW846.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	96.5%	93.4%
d8-Toluene	101%	101%
Bromofluorobenzene	97.9%	103%
d4-1,2-Dichlorobenzene	96.7%	97.5%

SAMPLE RESULTS-CONVENTIONALS
OX16-Landau Associates, Inc.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Water
Data Release Authorized:
Reported: 05/01/09

Project: SAURO'S PROPERTY
Event: 094048.010.011
Date Sampled: 04/28/09
Date Received: 04/30/09

Client ID: MW-11D-PP-20090428
ARI ID: 09-10223 OX16B

Analyte	Date Batch	Method	Units	RL	Sample
N-Nitrate	04/30/09 043009#1	EPA 300.0	mg-N/L	0.1	< 0.1 U
Sulfate	04/30/09 043009#1	EPA 300.0	mg/L	2.0	34.9
Total Organic Carbon	04/30/09 043009#1	EPA 415.1	mg/L	1.50	< 1.50 U

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
OX16-Landau Associates, Inc.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Water
Data Release Authorized:
Reported: 05/01/09

Project: SAURO'S PROPERTY
Event: 094048.010.011
Date Sampled: 04/28/09
Date Received: 04/30/09

Client ID: MW9-PP-20090428
ARI ID: 09-10230 OX16I

Analyte	Date Batch	Method	Units	RL	Sample
N-Nitrate	04/30/09 043009#1	EPA 300.0	mg-N/L	0.1	0.5
Sulfate	04/30/09 043009#1	EPA 300.0	mg/L	1.0	49.3
Total Organic Carbon	04/30/09 043009#1	EPA 415.1	mg/L	1.50	< 1.50 U

RL Analytical reporting limit
U Undetected at reported detection limit

SAMPLE RESULTS-CONVENTIONALS
OX16-Landau Associates, Inc.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Water
Data Release Authorized:
Reported: 05/01/09

Project: SAURO'S PROPERTY
Event: 094048.010.011
Date Sampled: 04/28/09
Date Received: 04/30/09

Client ID: LAI-MW4-PP-20090428
ARI ID: 09-10234 OX16M

Analyte	Date Batch	Method	Units	RL	Sample
N-Nitrate	04/30/09 043009#1	EPA 300.0	mg-N/L	0.1	< 0.1 U
Sulfate	04/30/09 043009#1	EPA 300.0	mg/L	1.0	7.6
Total Organic Carbon	04/30/09 043009#1	EPA 415.1	mg/L	1.50	3.34

RL Analytical reporting limit
U Undetected at reported detection limit

METHOD BLANK RESULTS-CONVENTIONALS
OX16-Landau Associates, Inc.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Water
Data Release Authorized:
Reported: 05/01/09

Project: SAURO'S PROPERTY
Event: 094048.010.011
Date Sampled: NA
Date Received: NA

Analyte	Method	Date	Units	Blank
N-Nitrate	EPA 300.0	04/30/09	mg-N/L	< 0.1 U
Sulfate	EPA 300.0	04/30/09	mg/L	< 0.1 U
Total Organic Carbon	EPA 415.1	04/30/09	mg/L	< 1.50 U

STANDARD REFERENCE RESULTS-CONVENTIONALS
OX16-Landau Associates, Inc.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Water
Data Release Authorized:
Reported: 05/01/09

Project: SAURO'S PROPERTY
Event: 094048.010.011
Date Sampled: NA
Date Received: NA

Analyte/SRM ID	Method	Date	Units	SRM	True Value	Recovery
N-Nitrate ERA #09127	EPA 300.0	04/30/09	mg-N/L	3.0	3.0	100.0%
Sulfate ERA #11127	EPA 300.0	04/30/09	mg/L	3.0	3.0	100.0%
Total Organic Carbon ERA #0528-08-02	EPA 415.1	04/30/09	mg/L	19.0	20.0	95.0%

REPLICATE RESULTS-CONVENTIONALS
OX16-Landau Associates, Inc.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Water
Data Release Authorized:
Reported: 05/01/09

Project: SAURO'S PROPERTY
Event: 094048.010.011
Date Sampled: 04/28/09
Date Received: 04/30/09

Analyte	Method	Date	Units	Sample	Replicate(s)	RPD/RSD
ARI ID: OX16B Client ID: MW-11D-PP-20090428						
N-Nitrate	EPA 300.0	04/30/09	mg-N/L	< 0.1	< 0.1	NA
Sulfate	EPA 300.0	04/30/09	mg/L	34.9	35.3	1.1%
Total Organic Carbon	EPA 415.1	04/30/09	mg/L	< 1.50	< 1.50	NA

MS/MSD RESULTS-CONVENTIONALS
OX16-Landau Associates, Inc.

ANALYTICAL RESOURCES INCORPORATED

Matrix: Water
Data Release Authorized:
Reported: 05/01/09

Project: SAURO'S PROPERTY
Event: 094048.010.011
Date Sampled: 04/28/09
Date Received: 04/30/09

Analyte	Method	Date	Units	Sample	Spike	Spike Added	Recovery
ARI ID: OX16B Client ID: MW-11D-PP-20090428							
N-Nitrate	EPA 300.0	04/30/09	mg-N/L	< 0.1	2.0	2.0	100.0%
Sulfate	EPA 300.0	04/30/09	mg/L	34.9	71.2	40.0	90.8%
Total Organic Carbon	EPA 415.1	04/30/09	mg/L	< 1.50	19.3	20.0	96.5%

Analytical Resources, Incorporated
Analytical Chemists and Consultants

May 13, 2009

Jennifer Wynkoop
Landau Associates, Inc.
950 Pacific Ave # 515
Tacoma, WA 98402

RE: Project No: 094048.010.011
Project Name: Sauro's Property
ARI Job No: OX15

Dear Jennifer:

Please find enclosed copies of the chain of custodies (COC) and the final results from the project referenced above. Analytical Resources, Inc. accepted eleven samples in good condition on April 30, 2009. Per Landau Associates, select samples were allowed to settle and sample aliquot was collected from the clear portion.

The samples were analyzed for VOCs, as requested on the COC.

There were no anomalies associated with these analyses.

A copy of these reports and all corresponding raw data will remain on file electronically with ARI. If you have any questions or require additional information, please contact me at your convenience.

Sincerely,
ANALYTICAL RESOURCES, INC.

Kelly Bottem
Client Services Manager
(206) 695-6211
kellyb@arilabs.com

Enclosures

LANDAU ASSOCIATES

☐ Seattle (Edmonds) (425) 778-0907
☒ Tacoma (253) 926-2493
☐ Spokane (509) 327-9737
☐ Portland (Tigard) (503) 443-6010
☐ _____

OX15

Chain-of-Custody Record

Date 4/30/09
Page 1 of 2

Project Name SAURUS PROPERTY Project No. 094048.010.011
Project Location/Event _____
Sampler's Name JESSICA STONE KRISTEN HOOPER
Project Contact JENNIFER WYNNCOOP
Send Results To JENNIFER WYNNCOOP

Turnaround Time
☒ Standard
☐ Accelerated
☐ _____

Sample I.D.	Date	Time	Matrix	No. of Containers	VOC's by 8260	NITRATE	SULFATE	TOC	Observations/Comments
RNS-MW2-20090429(21.5)	4/29/09	1625	WATER	3	X				
RNS-MW2-20090429(32.5)	4/29/09	1630		3	X				
RNS-MW2-20090429(38.5)	4/29/09	1635		3	X				
RNS-MW2-PP-20090429	4/29/09	1722		3	X				
RNS-MW6-20090429(42.5)	4/29/09	1515		3	X				
RNS-MW6-20090429(52.5)	4/29/09	1520		3	X				
RNS-MW5-20090429(39.5)	4/29/09	1435		3	X				
RNS-MW4-20090429(39)	4/29/09	1420		3	X				
RNS-MW3-20090429(14)	4/29/09	1345		3	X				
RNS-MW3-20090429(19)	4/29/09	1350		3	X				
RNS-MW7-20090429(39)	4/29/09	1015		3	X				
~~MW2-PP-20090429~~	~~4/29/09~~	~~0950~~		~~3~~	~~X~~				~~JCS~~
~~MW1-PP-20090428~~	~~4/28/09~~	~~0815~~		~~2~~	~~X~~				~~JCS~~
~~LAI-MW1-20090428~~	~~4/28/09~~	~~0955~~		~~3~~	~~X~~	JCS			
~~LAI-MW2-20090428~~	~~4/28/09~~	~~1047~~		~~3~~	~~X~~	JCS			
~~LAI-MW4-20090428~~	~~4/28/09~~	~~1125~~		~~3~~	~~X~~	JCS			
~~LAI-MW4-PP-20090428~~	~~4/28/09~~	~~1155~~		~~5~~	~~X~~	~~X~~	~~X~~	~~X~~	~~JCS~~
~~MW9-20090428~~	~~4/28/09~~	~~1455~~		~~2~~		~~X~~	~~X~~	~~X~~	~~JCS~~

Testing Parameters

X Allow water samples to settle, collect aliquot from clear portion MW1 & MW2

NWTPH-Dx:
___ run acid wash/silica gel cleanup
___ run samples standardized to _____ product

___ Analyze for EPH if no specific product identified

VOC/BTEX/VPH (soil):
___ non-preserved
___ preserved w/methanol
___ preserved w/sodium bisulfate
___ Freeze upon receipt

___ Dissolved metal water samples field filtered

Other MW1-PP-20090428 only has 2 vials

Special Shipment/Handling or Storage Requirements

Method of Shipment

Relinquished by	Received by	Relinquished by	Received by
Signature	Signature	Signature	Signature
Printed Name: JESSICA STONE	Printed Name: A. Volgardsen	Printed Name	Printed Name
Company: LANDAU ASSOCIATES	Company: ART	Company	Company
Date: 4/30/09 Time: 1112	Date: 4/30/09 Time: 1112	Date _____ Time _____	Date _____ Time _____

WHITE COPY - Project File YELLOW COPY - Laboratory PINK COPY - Client Representative

Rev 4/01

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Landau

Project Name: Sauro's Property

COC No(s): _____ NA

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: OX15

Tracking No: _____ NA

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO

Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)..... 5.2 ___ ___ ___ ___ ___

If cooler temperature is out of compliance fill out form 00070F

Temp Gun ID#: 101826

Cooler Accepted by: AV Date: 4/30/09 Time: 1112

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ... Bubble Wrap (Wet Ice) Gel Packs Baggies (Foam Block) Paper Other: _____			
Was sufficient ice used (if appropriate)?	NA	(YES)	NO
Were all bottles sealed in individual plastic bags?		(YES)	(NO)
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	(NA)	YES	NO
Were all VOC vials free of air bubbles?	NA	(YES)	NO
Was sufficient amount of sample sent in each bottle?		(YES)	NO

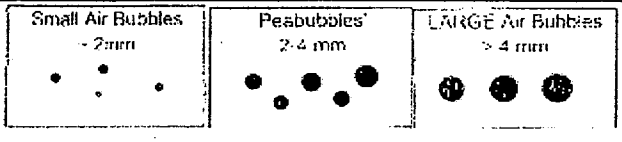
Samples Logged by: AV Date: 4/30/09 Time: 1233

*** Notify Project Manager of discrepancies or concerns ****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

By: Date:



Small → "sm"

Peabubbles → "pb"

Large → "lg"

Headspace → "hs"

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: RNS-MW2-20090429(21.5)**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OX15A
LIMS ID: 09-10210
Matrix: Water
Data Release Authorized:
Reported: 05/13/09

QC Report No: OX15-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: 04/29/09
Date Received: 04/30/09

Instrument/Analyst: NT10/JZ
Date Analyzed: 05/05/09 20:18

Sample Amount: 10.0 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.5	< 0.5	U
75-01-4	Vinyl Chloride	0.2	< 0.2	U
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.5	< 0.5	U
67-64-1	**Acetone**	**2.5**	**5.6**	
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	**cis-1,2-Dichloroethene**	**0.2**	**0.5**	
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	2.5	< 2.5	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	1.0	< 1.0	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	**Trichloroethene**	**0.2**	**1.5**	
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	1.0	< 1.0	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	2.5	< 2.5	U
591-78-6	2-Hexanone	2.5	< 2.5	U
127-18-4	**Tetrachloroethene**	**0.2**	**16**	
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	0.2	< 0.2	U
179601-23-1	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	0.5	< 0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: RNS-MW2-20090429(21.5)**
 SAMPLE

Lab Sample ID: OX15A
LIMS ID: 09-10210
Matrix: Water
Date Analyzed: 05/05/09 20:18

QC Report No: OX15-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	97.3%
d8-Toluene	99.7%
Bromofluorobenzene	98.0%
d4-1,2-Dichlorobenzene	102%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: RNS-MW2-20090429(32.5)**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OX15B
LIMS ID: 09-10211
Matrix: Water
Data Release Authorized:
Reported: 05/12/09

QC Report No: OX15-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: 04/29/09
Date Received: 04/30/09

Instrument/Analyst: NT10/JZ
Date Analyzed: 05/05/09 20:43

Sample Amount: 10.0 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.5	< 0.5	U
75-01-4	Vinyl Chloride	0.2	< 0.2	U
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.5	< 0.5	U
67-64-1	**Acetone**	**2.5**	**5.5**	
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	**cis-1,2-Dichloroethene**	**0.2**	**0.5**	
67-66-3	**Chloroform**	**0.2**	**0.2**	
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	2.5	< 2.5	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	1.0	< 1.0	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	**Trichloroethene**	**0.2**	**1.5**	
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	1.0	< 1.0	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	2.5	< 2.5	U
591-78-6	2-Hexanone	2.5	< 2.5	U
127-18-4	**Tetrachloroethene**	**0.2**	**16**	
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	0.2	< 0.2	U
179601-23-1	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	0.5	< 0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

Lab Sample ID: OX15B
LIMS ID: 09-10211
Matrix: Water
Date Analyzed: 05/05/09 20:43

QC Report No: OX15-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	95.7%
d8-Toluene	96.7%
Bromofluorobenzene	103%
d4-1,2-Dichlorobenzene	103%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: RNS-MW2-20090429(38.5)**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OX15C
LIMS ID: 09-10212
Matrix: Water
Data Release Authorized:
Reported: 05/12/09

QC Report No: OX15-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: 04/29/09
Date Received: 04/30/09

Instrument/Analyst: NT10/JZ
Date Analyzed: 05/05/09 21:08

Sample Amount: 10.0 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.5	< 0.5	U
75-01-4	Vinyl Chloride	0.2	< 0.2	U
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.5	< 0.5	U
67-64-1	Acetone	2.5	< 2.5	U
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	**cis-1,2-Dichloroethene**	**0.2**	**0.5**	
67-66-3	**Chloroform**	**0.2**	**0.2**	
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	2.5	< 2.5	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	1.0	< 1.0	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	**Trichloroethene**	**0.2**	**1.4**	
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	1.0	< 1.0	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	2.5	< 2.5	U
591-78-6	2-Hexanone	2.5	< 2.5	U
127-18-4	**Tetrachloroethene**	**0.2**	**13**	
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	0.2	< 0.2	U
179601-23-1	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	0.5	< 0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: RNS-MW2-20090429(38.5)**
Page 2 of 2 **SAMPLE**

Lab Sample ID: OX15C QC Report No: OX15-Landau Associates, Inc.
LIMS ID: 09-10212 Project: SAURO'S PROPERTY
Matrix: Water 094048.010.011
Date Analyzed: 05/05/09 21:08

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	99.2%
d8-Toluene	96.5%
Bromofluorobenzene	105%
d4-1,2-Dichlorobenzene	106%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: RNS-MW2-PP-20090429**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OX15D
LIMS ID: 09-10213
Matrix: Water
Data Release Authorized:
Reported: 05/13/09

QC Report No: OX15-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: 04/29/09
Date Received: 04/30/09

Instrument/Analyst: NT10/JZ
Date Analyzed: 05/05/09 21:32

Sample Amount: 10.0 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.5	< 0.5	U
75-01-4	Vinyl Chloride	0.2	< 0.2	U
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.5	< 0.5	U
67-64-1	Acetone	2.5	< 2.5	U
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	**cis-1,2-Dichloroethene**	**0.2**	**0.6**	
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	2.5	< 2.5	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	1.0	< 1.0	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	**Trichloroethene**	**0.2**	**1.6**	
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	1.0	< 1.0	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	2.5	< 2.5	U
591-78-6	2-Hexanone	2.5	< 2.5	U
127-18-4	**Tetrachloroethene**	**0.2**	**16**	
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	0.2	< 0.2	U
179601-23-1	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	0.5	< 0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: RNS-MW2-PP-20090429**
 SAMPLE

Lab Sample ID: OX15D
LIMS ID: 09-10213
Matrix: Water
Date Analyzed: 05/05/09 21:32

QC Report No: OX15-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	97.4%
d8-Toluene	95.7%
Bromofluorobenzene	104%
d4-1,2-Dichlorobenzene	104%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: RNS-MW6-20090429(42.5)**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OX15E
LIMS ID: 09-10214
Matrix: Water
Data Release Authorized:
Reported: 05/12/09

QC Report No: OX15-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: 04/29/09
Date Received: 04/30/09

Instrument/Analyst: NT10/JZ
Date Analyzed: 05/05/09 21:57

Sample Amount: 10.0 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.5	< 0.5	U
75-01-4	**Vinyl Chloride**	**0.2**	**0.4**	
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.5	< 0.5	U
67-64-1	**Acetone**	**2.5**	**7.8**	
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	**1,1-Dichloroethene**	**0.2**	**0.3**	
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	**trans-1,2-Dichloroethene**	**0.2**	**1.2**	
156-59-2	**cis-1,2-Dichloroethene**	**0.2**	**94**	**E**
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	2.5	< 2.5	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	1.0	< 1.0	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	**Trichloroethene**	**0.2**	**90**	**E**
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	1.0	< 1.0	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	2.5	< 2.5	U
591-78-6	2-Hexanone	2.5	< 2.5	U
127-18-4	**Tetrachloroethene**	**0.2**	**180**	**ES**
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	0.2	< 0.2	U
179601-23-1	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	0.5	< 0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

Sample ID: RNS-MW6-20090429(42.5)
SAMPLE

Lab Sample ID: OX15E
LIMS ID: 09-10214
Matrix: Water
Date Analyzed: 05/05/09 21:57

QC Report No: OX15-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	97.2%
d8-Toluene	92.9%
Bromofluorobenzene	103%
d4-1,2-Dichlorobenzene	103%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: RNS-MW6-20090429(42.5)**
Page 1 of 2 **DILUTION**

Lab Sample ID: OX15E
LIMS ID: 09-10214
Matrix: Water
Data Release Authorized:
Reported: 05/12/09

QC Report No: OX15-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: 04/29/09
Date Received: 04/30/09

Instrument/Analyst: NT5/JZ
Date Analyzed: 05/07/09 14:31

Sample Amount: 2.00 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	1.0	< 1.0	U
74-83-9	Bromomethane	2.5	< 2.5	U
75-01-4	Vinyl Chloride	1.0	< 1.0	U
75-00-3	Chloroethane	1.0	< 1.0	U
75-09-2	Methylene Chloride	2.5	< 2.5	U
67-64-1	Acetone	12	< 12	U
75-15-0	Carbon Disulfide	1.0	< 1.0	U
75-35-4	1,1-Dichloroethene	1.0	< 1.0	U
75-34-3	1,1-Dichloroethane	1.0	< 1.0	U
156-60-5	**trans-1,2-Dichloroethene**	**1.0**	**2.4**	
156-59-2	**cis-1,2-Dichloroethene**	**1.0**	**100**	
67-66-3	Chloroform	1.0	< 1.0	U
107-06-2	1,2-Dichloroethane	1.0	< 1.0	U
78-93-3	2-Butanone	12	< 12	U
71-55-6	1,1,1-Trichloroethane	1.0	< 1.0	U
56-23-5	Carbon Tetrachloride	1.0	< 1.0	U
108-05-4	Vinyl Acetate	5.0	< 5.0	U
75-27-4	Bromodichloromethane	1.0	< 1.0	U
78-87-5	1,2-Dichloropropane	1.0	< 1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	< 1.0	U
79-01-6	**Trichloroethene**	**1.0**	**87**	
124-48-1	Dibromochloromethane	1.0	< 1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	< 1.0	U
71-43-2	Benzene	1.0	< 1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	< 1.0	U
110-75-8	2-Chloroethylvinylether	5.0	< 5.0	U
75-25-2	Bromoform	1.0	< 1.0	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	12	< 12	U
591-78-6	2-Hexanone	12	< 12	U
127-18-4	**Tetrachloroethene**	**1.0**	**180**	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	< 1.0	U
108-88-3	Toluene	1.0	< 1.0	U
108-90-7	Chlorobenzene	1.0	< 1.0	U
100-41-4	Ethylbenzene	1.0	< 1.0	U
100-42-5	Styrene	1.0	< 1.0	U
75-69-4	Trichlorofluoromethane	1.0	< 1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	1.0	< 1.0	U
179601-23-1	m,p-Xylene	2.0	< 2.0	U
95-47-6	o-Xylene	1.0	< 1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	< 1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	< 1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	< 1.0	U
107-02-8	Acrolein	25	< 25	U
74-88-4	Methyl Iodide	5.0	< 5.0	U
74-96-4	Bromoethane	1.0	< 1.0	U
107-13-1	Acrylonitrile	5.0	< 5.0	U
563-58-6	1,1-Dichloropropene	1.0	< 1.0	U
74-95-3	Dibromomethane	1.0	< 1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	< 1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	2.5	< 2.5	U
96-18-4	1,2,3-Trichloropropane	2.5	< 2.5	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: RNS-MW6-20090429(42.5)**
 DILUTION

Lab Sample ID: OX15E
LIMS ID: 09-10214
Matrix: Water
Date Analyzed: 05/07/09 14:31

QC Report No: OX15-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	5.0	< 5.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	< 1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	< 1.0	U
87-68-3	Hexachlorobutadiene	2.5	< 2.5	U
106-93-4	Ethylene Dibromide	1.0	< 1.0	U
74-97-5	Bromochloromethane	1.0	< 1.0	U
594-20-7	2,2-Dichloropropane	1.0	< 1.0	U
142-28-9	1,3-Dichloropropane	1.0	< 1.0	U
98-82-8	Isopropylbenzene	1.0	< 1.0	U
103-65-1	n-Propylbenzene	1.0	< 1.0	U
108-86-1	Bromobenzene	1.0	< 1.0	U
95-49-8	2-Chlorotoluene	1.0	< 1.0	U
106-43-4	4-Chlorotoluene	1.0	< 1.0	U
98-06-6	tert-Butylbenzene	1.0	< 1.0	U
135-98-8	sec-Butylbenzene	1.0	< 1.0	U
99-87-6	4-Isopropyltoluene	1.0	< 1.0	U
104-51-8	n-Butylbenzene	1.0	< 1.0	U
120-82-1	1,2,4-Trichlorobenzene	2.5	< 2.5	U
91-20-3	Naphthalene	2.5	< 2.5	U
87-61-6	1,2,3-Trichlorobenzene	2.5	< 2.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	110%
d8-Toluene	95.8%
Bromofluorobenzene	88.6%
d4-1,2-Dichlorobenzene	104%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: RNS-MW6-20090429(52.5)**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OX15F
LIMS ID: 09-10215
Matrix: Water
Data Release Authorized:
Reported: 05/12/09

QC Report No: OX15-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: 04/29/09
Date Received: 04/30/09

Instrument/Analyst: NT10/JZ
Date Analyzed: 05/05/09 22:21

Sample Amount: 10.0 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.5	< 0.5	U
75-01-4	**Vinyl Chloride**	**0.2**	**0.9**	
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.5	< 0.5	U
67-64-1	**Acetone**	**2.5**	**5.3**	
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	**1,1-Dichloroethene**	**0.2**	**0.6**	
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	**trans-1,2-Dichloroethene**	**0.2**	**1.8**	
156-59-2	**cis-1,2-Dichloroethene**	**0.2**	**150**	**ES**
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	2.5	< 2.5	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	1.0	< 1.0	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	**Trichloroethene**	**0.2**	**110**	**E**
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	1.0	< 1.0	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	2.5	< 2.5	U
591-78-6	2-Hexanone	2.5	< 2.5	U
127-18-4	**Tetrachloroethene**	**0.2**	**220**	**ES**
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	0.2	< 0.2	U
179601-23-1	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	0.5	< 0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

Sample ID: RNS-MW6-20090429(52.5)
SAMPLE

Lab Sample ID: OX15F
LIMS ID: 09-10215
Matrix: Water
Date Analyzed: 05/05/09 22:21

QC Report No: OX15-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	97.4%
d8-Toluene	92.5%
Bromofluorobenzene	103%
d4-1,2-Dichlorobenzene	102%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: RNS-MW6-20090429(52.5)**
Page 1 of 2 **DILUTION**

Lab Sample ID: OX15F
LIMS ID: 09-10215
Matrix: Water
Data Release Authorized:
Reported: 05/12/09

QC Report No: OX15-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: 04/29/09
Date Received: 04/30/09

Instrument/Analyst: NT5/JZ
Date Analyzed: 05/07/09 14:58

Sample Amount: 2.00 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	1.0	< 1.0	U
74-83-9	Bromomethane	2.5	< 2.5	U
75-01-4	Vinyl Chloride	1.0	< 1.0	U
75-00-3	Chloroethane	1.0	< 1.0	U
75-09-2	Methylene Chloride	2.5	< 2.5	U
67-64-1	Acetone	12	< 12	U
75-15-0	Carbon Disulfide	1.0	< 1.0	U
75-35-4	1,1-Dichloroethene	1.0	< 1.0	U
75-34-3	1,1-Dichloroethane	1.0	< 1.0	U
156-60-5	**trans-1,2-Dichloroethene**	**1.0**	**2.8**	
156-59-2	**cis-1,2-Dichloroethene**	**1.0**	**150**	
67-66-3	Chloroform	1.0	< 1.0	U
107-06-2	1,2-Dichloroethane	1.0	< 1.0	U
78-93-3	2-Butanone	12	< 12	U
71-55-6	1,1,1-Trichloroethane	1.0	< 1.0	U
56-23-5	Carbon Tetrachloride	1.0	< 1.0	U
108-05-4	Vinyl Acetate	5.0	< 5.0	U
75-27-4	Bromodichloromethane	1.0	< 1.0	U
78-87-5	1,2-Dichloropropane	1.0	< 1.0	U
10061-01-5	cis-1,3-Dichloropropene	1.0	< 1.0	U
79-01-6	**Trichloroethene**	**1.0**	**98**	
124-48-1	Dibromochloromethane	1.0	< 1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	< 1.0	U
71-43-2	Benzene	1.0	< 1.0	U
10061-02-6	trans-1,3-Dichloropropene	1.0	< 1.0	U
110-75-8	2-Chloroethylvinylether	5.0	< 5.0	U
75-25-2	Bromoform	1.0	< 1.0	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	12	< 12	U
591-78-6	2-Hexanone	12	< 12	U
127-18-4	**Tetrachloroethene**	**1.0**	**190**	
79-34-5	1,1,2,2-Tetrachloroethane	1.0	< 1.0	U
108-88-3	Toluene	1.0	< 1.0	U
108-90-7	Chlorobenzene	1.0	< 1.0	U
100-41-4	Ethylbenzene	1.0	< 1.0	U
100-42-5	Styrene	1.0	< 1.0	U
75-69-4	Trichlorofluoromethane	1.0	< 1.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	1.0	< 1.0	U
179601-23-1	m,p-Xylene	2.0	< 2.0	U
95-47-6	o-Xylene	1.0	< 1.0	U
95-50-1	1,2-Dichlorobenzene	1.0	< 1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	< 1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	< 1.0	U
107-02-8	Acrolein	25	< 25	U
74-88-4	Methyl Iodide	5.0	< 5.0	U
74-96-4	Bromoethane	1.0	< 1.0	U
107-13-1	Acrylonitrile	5.0	< 5.0	U
563-58-6	1,1-Dichloropropene	1.0	< 1.0	U
74-95-3	Dibromomethane	1.0	< 1.0	U
630-20-6	1,1,1,2-Tetrachloroethane	1.0	< 1.0	U
96-12-8	1,2-Dibromo-3-chloropropane	2.5	< 2.5	U
96-18-4	1,2,3-Trichloropropane	2.5	< 2.5	U

Lab Sample ID: OX15F
LIMS ID: 09-10215
Matrix: Water
Date Analyzed: 05/07/09 14:58

QC Report No: OX15-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	5.0	< 5.0	U
108-67-8	1,3,5-Trimethylbenzene	1.0	< 1.0	U
95-63-6	1,2,4-Trimethylbenzene	1.0	< 1.0	U
87-68-3	Hexachlorobutadiene	2.5	< 2.5	U
106-93-4	Ethylene Dibromide	1.0	< 1.0	U
74-97-5	Bromochloromethane	1.0	< 1.0	U
594-20-7	2,2-Dichloropropane	1.0	< 1.0	U
142-28-9	1,3-Dichloropropane	1.0	< 1.0	U
98-82-8	Isopropylbenzene	1.0	< 1.0	U
103-65-1	n-Propylbenzene	1.0	< 1.0	U
108-86-1	Bromobenzene	1.0	< 1.0	U
95-49-8	2-Chlorotoluene	1.0	< 1.0	U
106-43-4	4-Chlorotoluene	1.0	< 1.0	U
98-06-6	tert-Butylbenzene	1.0	< 1.0	U
135-98-8	sec-Butylbenzene	1.0	< 1.0	U
99-87-6	4-Isopropyltoluene	1.0	< 1.0	U
104-51-8	n-Butylbenzene	1.0	< 1.0	U
120-82-1	1,2,4-Trichlorobenzene	2.5	< 2.5	U
91-20-3	Naphthalene	2.5	< 2.5	U
87-61-6	1,2,3-Trichlorobenzene	2.5	< 2.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	110%
d8-Toluene	96.4%
Bromofluorobenzene	89.1%
d4-1,2-Dichlorobenzene	103%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: RNS-MW5-20090429(39.5)**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OX15G
LIMS ID: 09-10216
Matrix: Water
Data Release Authorized:
Reported: 05/12/09

QC Report No: OX15-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: 04/29/09
Date Received: 04/30/09

Instrument/Analyst: NT10/JZ
Date Analyzed: 05/05/09 22:46

Sample Amount: 10.0 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.5	< 0.5	U
75-01-4	Vinyl Chloride	0.2	< 0.2	U
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.5	< 0.5	U
67-64-1	**Acetone**	**2.5**	**14**	
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2	U
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	2.5	< 2.5	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	1.0	< 1.0	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	< 0.2	U
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	**Benzene**	**0.2**	**93**	**E**
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	1.0	< 1.0	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	2.5	< 2.5	U
591-78-6	2-Hexanone	2.5	< 2.5	U
127-18-4	Tetrachloroethene	0.2	< 0.2	U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	**Toluene**	**0.2**	**0.5**	
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	0.2	< 0.2	U
179601-23-1	**m,p-Xylene**	**0.4**	**0.5**	
95-47-6	**o-Xylene**	**0.2**	**0.3**	
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	0.5	< 0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: RNS-MW5-20090429(39.5)**
Page 2 of 2 **SAMPLE**

Lab Sample ID: OX15G
LIMS ID: 09-10216
Matrix: Water
Date Analyzed: 05/05/09 22:46

QC Report No: OX15-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	**Isopropylbenzene**	**0.2**	**0.7**	
103-65-1	**n-Propylbenzene**	**0.2**	**0.7**	
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	96.2%
d8-Toluene	95.8%
Bromofluorobenzene	103%
d4-1,2-Dichlorobenzene	103%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: RNS-MW5-20090429(39.5)**
Page 1 of 2 **DILUTION**

Lab Sample ID: OX15G
LIMS ID: 09-10216
Matrix: Water
Data Release Authorized:
Reported: 05/12/09

QC Report No: OX15-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: 04/29/09
Date Received: 04/30/09

Instrument/Analyst: NT5/JZ
Date Analyzed: 05/07/09 15:25

Sample Amount: 3.33 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.6	< 0.6	U
74-83-9	Bromomethane	1.5	< 1.5	U
75-01-4	Vinyl Chloride	0.6	< 0.6	U
75-00-3	Chloroethane	0.6	< 0.6	U
75-09-2	Methylene Chloride	1.5	< 1.5	U
67-64-1	**Acetone**	**7.5**	**19**	
75-15-0	Carbon Disulfide	0.6	< 0.6	U
75-35-4	1,1-Dichloroethene	0.6	< 0.6	U
75-34-3	1,1-Dichloroethane	0.6	< 0.6	U
156-60-5	trans-1,2-Dichloroethene	0.6	< 0.6	U
156-59-2	cis-1,2-Dichloroethene	0.6	< 0.6	U
67-66-3	Chloroform	0.6	< 0.6	U
107-06-2	1,2-Dichloroethane	0.6	< 0.6	U
78-93-3	2-Butanone	7.5	< 7.5	U
71-55-6	1,1,1-Trichloroethane	0.6	< 0.6	U
56-23-5	Carbon Tetrachloride	0.6	< 0.6	U
108-05-4	Vinyl Acetate	3.0	< 3.0	U
75-27-4	Bromodichloromethane	0.6	< 0.6	U
78-87-5	1,2-Dichloropropane	0.6	< 0.6	U
10061-01-5	cis-1,3-Dichloropropene	0.6	< 0.6	U
79-01-6	Trichloroethene	0.6	< 0.6	U
124-48-1	Dibromochloromethane	0.6	< 0.6	U
79-00-5	1,1,2-Trichloroethane	0.6	< 0.6	U
71-43-2	**Benzene**	**0.6**	**100**	
10061-02-6	trans-1,3-Dichloropropene	0.6	< 0.6	U
110-75-8	2-Chloroethylvinylether	3.0	< 3.0	U
75-25-2	Bromoform	0.6	< 0.6	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	7.5	< 7.5	U
591-78-6	2-Hexanone	7.5	< 7.5	U
127-18-4	Tetrachloroethene	0.6	< 0.6	U
79-34-5	1,1,2,2-Tetrachloroethane	0.6	< 0.6	U
108-88-3	Toluene	0.6	< 0.6	U
108-90-7	Chlorobenzene	0.6	< 0.6	U
100-41-4	Ethylbenzene	0.6	< 0.6	U
100-42-5	Styrene	0.6	< 0.6	U
75-69-4	Trichlorofluoromethane	0.6	< 0.6	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	0.6	< 0.6	U
179601-23-1	m,p-Xylene	1.2	< 1.2	U
95-47-6	o-Xylene	0.6	< 0.6	U
95-50-1	1,2-Dichlorobenzene	0.6	< 0.6	U
541-73-1	1,3-Dichlorobenzene	0.6	< 0.6	U
106-46-7	1,4-Dichlorobenzene	0.6	< 0.6	U
107-02-8	Acrolein	15	< 15	U
74-88-4	Methyl Iodide	3.0	< 3.0	U
74-96-4	Bromoethane	0.6	< 0.6	U
107-13-1	Acrylonitrile	3.0	< 3.0	U
563-58-6	1,1-Dichloropropene	0.6	< 0.6	U
74-95-3	Dibromomethane	0.6	< 0.6	U
630-20-6	1,1,1,2-Tetrachloroethane	0.6	< 0.6	U
96-12-8	1,2-Dibromo-3-chloropropane	1.5	< 1.5	U
96-18-4	1,2,3-Trichloropropane	1.5	< 1.5	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: RNS-MW5-20090429(39.5)**
 DILUTION

Lab Sample ID: OX15G QC Report No: OX15-Landau Associates, Inc.
LIMS ID: 09-10216 Project: SAURO'S PROPERTY
Matrix: Water 094048.010.011
Date Analyzed: 05/07/09 15:25

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	3.0	< 3.0	U
108-67-8	1,3,5-Trimethylbenzene	0.6	< 0.6	U
95-63-6	1,2,4-Trimethylbenzene	0.6	< 0.6	U
87-68-3	Hexachlorobutadiene	1.5	< 1.5	U
106-93-4	Ethylene Dibromide	0.6	< 0.6	U
74-97-5	Bromochloromethane	0.6	< 0.6	U
594-20-7	2,2-Dichloropropane	0.6	< 0.6	U
142-28-9	1,3-Dichloropropane	0.6	< 0.6	U
98-82-8	**Isopropylbenzene**	**0.6**	**0.7**	
103-65-1	**n-Propylbenzene**	**0.6**	**0.8**	
108-86-1	Bromobenzene	0.6	< 0.6	U
95-49-8	2-Chlorotoluene	0.6	< 0.6	U
106-43-4	4-Chlorotoluene	0.6	< 0.6	U
98-06-6	tert-Butylbenzene	0.6	< 0.6	U
135-98-8	sec-Butylbenzene	0.6	< 0.6	U
99-87-6	4-Isopropyltoluene	0.6	< 0.6	U
104-51-8	n-Butylbenzene	0.6	< 0.6	U
120-82-1	1,2,4-Trichlorobenzene	1.5	< 1.5	U
91-20-3	Naphthalene	1.5	< 1.5	U
87-61-6	1,2,3-Trichlorobenzene	1.5	< 1.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	108%
d8-Toluene	101%
Bromofluorobenzene	90.1%
d4-1,2-Dichlorobenzene	107%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: RNS-MW4-20090429(39)**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OX15H
LIMS ID: 09-10217
Matrix: Water
Data Release Authorized:
Reported: 05/12/09

QC Report No: OX15-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: 04/29/09
Date Received: 04/30/09

Instrument/Analyst: NT10/JZ
Date Analyzed: 05/05/09 23:11

Sample Amount: 10.0 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.5	< 0.5	U
75-01-4	Vinyl Chloride	0.2	< 0.2	U
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.5	< 0.5	U
67-64-1	**Acetone**	**2.5**	**12**	
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2	U
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	2.5	< 2.5	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	1.0	< 1.0	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	< 0.2	U
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	**Benzene**	**0.2**	**810**	**ES**
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	1.0	< 1.0	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	2.5	< 2.5	U
591-78-6	2-Hexanone	2.5	< 2.5	U
127-18-4	Tetrachloroethene	0.2	< 0.2	U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	**Toluene**	**0.2**	**52**	
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	**Ethylbenzene**	**0.2**	**180**	**ES**
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	0.2	< 0.2	U
179601-23-1	**m,p-Xylene**	**0.4**	**180**	**ES**
95-47-6	**o-Xylene**	**0.2**	**10**	
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	0.5	< 0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: RNS-MW4-20090429(39)**
 SAMPLE

Lab Sample ID: OX15H
LIMS ID: 09-10217
Matrix: Water
Date Analyzed: 05/05/09 23:11

QC Report No: OX15-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	**1,2,4-Trimethylbenzene**	**0.2**	**34**	
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	**Isopropylbenzene**	**0.2**	**6.2**	
103-65-1	**n-Propylbenzene**	**0.2**	**6.2**	
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	**4-Isopropyltoluene**	**0.2**	**0.3**	
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	**Naphthalene**	**0.5**	**26**	
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	92.7%
d8-Toluene	95.4%
Bromofluorobenzene	95.8%
d4-1,2-Dichlorobenzene	96.3%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: RNS-MW4-20090429(39)**
Page 1 of 2 **DILUTION**

Lab Sample ID: OX15H
LIMS ID: 09-10217
Matrix: Water
Data Release Authorized:
Reported: 05/12/09

QC Report No: OX15-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: 04/29/09
Date Received: 04/30/09

Instrument/Analyst: NT5/JZ
Date Analyzed: 05/08/09 13:49

Sample Amount: 0.0333 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	60	< 60	U
74-83-9	Bromomethane	150	< 150	U
75-01-4	Vinyl Chloride	60	< 60	U
75-00-3	Chloroethane	60	< 60	U
75-09-2	Methylene Chloride	150	< 150	U
67-64-1	Acetone	750	< 750	U
75-15-0	Carbon Disulfide	60	< 60	U
75-35-4	1,1-Dichloroethene	60	< 60	U
75-34-3	1,1-Dichloroethane	60	< 60	U
156-60-5	trans-1,2-Dichloroethene	60	< 60	U
156-59-2	cis-1,2-Dichloroethene	60	< 60	U
67-66-3	Chloroform	60	< 60	U
107-06-2	1,2-Dichloroethane	60	< 60	U
78-93-3	2-Butanone	750	< 750	U
71-55-6	1,1,1-Trichloroethane	60	< 60	U
56-23-5	Carbon Tetrachloride	60	< 60	U
108-05-4	Vinyl Acetate	300	< 300	U
75-27-4	Bromodichloromethane	60	< 60	U
78-87-5	1,2-Dichloropropane	60	< 60	U
10061-01-5	cis-1,3-Dichloropropene	60	< 60	U
79-01-6	Trichloroethene	60	< 60	U
124-48-1	Dibromochloromethane	60	< 60	U
79-00-5	1,1,2-Trichloroethane	60	< 60	U
71-43-2	**Benzene**	**60**	**15,000**	
10061-02-6	trans-1,3-Dichloropropene	60	< 60	U
110-75-8	2-Chloroethylvinylether	300	< 300	U
75-25-2	Bromoform	60	< 60	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	750	< 750	U
591-78-6	2-Hexanone	750	< 750	U
127-18-4	Tetrachloroethene	60	< 60	U
79-34-5	1,1,2,2-Tetrachloroethane	60	< 60	U
108-88-3	Toluene	60	< 60	U
108-90-7	Chlorobenzene	60	< 60	U
100-41-4	**Ethylbenzene**	**60**	**220**	
100-42-5	Styrene	60	< 60	U
75-69-4	Trichlorofluoromethane	60	< 60	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	60	< 60	U
179601-23-1	**m,p-Xylene**	**120**	**140**	
95-47-6	o-Xylene	60	< 60	U
95-50-1	1,2-Dichlorobenzene	60	< 60	U
541-73-1	1,3-Dichlorobenzene	60	< 60	U
106-46-7	1,4-Dichlorobenzene	60	< 60	U
107-02-8	Acrolein	1,500	< 1,500	U
74-88-4	Methyl Iodide	300	< 300	U
74-96-4	Bromoethane	60	< 60	U
107-13-1	Acrylonitrile	300	< 300	U
563-58-6	1,1-Dichloropropene	60	< 60	U
74-95-3	Dibromomethane	60	< 60	U
630-20-6	1,1,1,2-Tetrachloroethane	60	< 60	U
96-12-8	1,2-Dibromo-3-chloropropane	150	< 150	U
96-18-4	1,2,3-Trichloropropane	150	< 150	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: RNS-MW4-20090429(39)**
 DILUTION

Lab Sample ID: OX15H
LIMS ID: 09-10217
Matrix: Water
Date Analyzed: 05/08/09 13:49

QC Report No: OX15-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	300	< 300	U
108-67-8	1,3,5-Trimethylbenzene	60	< 60	U
95-63-6	1,2,4-Trimethylbenzene	60	< 60	U
87-68-3	Hexachlorobutadiene	150	< 150	U
106-93-4	Ethylene Dibromide	60	< 60	U
74-97-5	Bromochloromethane	60	< 60	U
594-20-7	2,2-Dichloropropane	60	< 60	U
142-28-9	1,3-Dichloropropane	60	< 60	U
98-82-8	Isopropylbenzene	60	< 60	U
103-65-1	n-Propylbenzene	60	< 60	U
108-86-1	Bromobenzene	60	< 60	U
95-49-8	2-Chlorotoluene	60	< 60	U
106-43-4	4-Chlorotoluene	60	< 60	U
98-06-6	tert-Butylbenzene	60	< 60	U
135-98-8	sec-Butylbenzene	60	< 60	U
99-87-6	4-Isopropyltoluene	60	< 60	U
104-51-8	n-Butylbenzene	60	< 60	U
120-82-1	1,2,4-Trichlorobenzene	150	< 150	U
91-20-3	Naphthalene	150	< 150	U
87-61-6	1,2,3-Trichlorobenzene	150	< 150	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	102%
d8-Toluene	101%
Bromofluorobenzene	90.6%
d4-1,2-Dichlorobenzene	105%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: RNS-MW3-20090429(14)**
Page 1 of 2 **DILUTION**

Lab Sample ID: OX15I
LIMS ID: 09-10218
Matrix: Water
Data Release Authorized:
Reported: 05/12/09

QC Report No: OX15-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: 04/29/09
Date Received: 04/30/09

Instrument/Analyst: NT5/JZ
Date Analyzed: 05/07/09 16:20

Sample Amount: 1.00 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	2.0	< 2.0	U
74-83-9	Bromomethane	5.0	< 5.0	U
75-01-4	Vinyl Chloride	2.0	< 2.0	U
75-00-3	Chloroethane	2.0	< 2.0	U
75-09-2	Methylene Chloride	5.0	< 5.0	U
67-64-1	Acetone	25	< 25	U
75-15-0	Carbon Disulfide	2.0	< 2.0	U
75-35-4	1,1-Dichloroethene	2.0	< 2.0	U
75-34-3	1,1-Dichloroethane	2.0	< 2.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	< 2.0	U
156-59-2	cis-1,2-Dichloroethene	2.0	< 2.0	U
67-66-3	Chloroform	2.0	< 2.0	U
107-06-2	1,2-Dichloroethane	2.0	< 2.0	U
78-93-3	2-Butanone	25	< 25	U
71-55-6	1,1,1-Trichloroethane	2.0	< 2.0	U
56-23-5	Carbon Tetrachloride	2.0	< 2.0	U
108-05-4	Vinyl Acetate	10	< 10	U
75-27-4	Bromodichloromethane	2.0	< 2.0	U
78-87-5	1,2-Dichloropropane	2.0	< 2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	< 2.0	U
79-01-6	Trichloroethene	2.0	< 2.0	U
124-48-1	Dibromochloromethane	2.0	< 2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	< 2.0	U
71-43-2	**Benzene**	**2.0**	**92**	
10061-02-6	trans-1,3-Dichloropropene	2.0	< 2.0	U
110-75-8	2-Chloroethylvinylether	10	< 10	U
75-25-2	Bromoform	2.0	< 2.0	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	25	< 25	U
591-78-6	2-Hexanone	25	< 25	U
127-18-4	Tetrachloroethene	2.0	< 2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	< 2.0	U
108-88-3	**Toluene**	**2.0**	**32**	
108-90-7	Chlorobenzene	2.0	< 2.0	U
100-41-4	**Ethylbenzene**	**2.0**	**210**	
100-42-5	Styrene	2.0	< 2.0	U
75-69-4	Trichlorofluoromethane	2.0	< 2.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	2.0	< 2.0	U
179601-23-1	**m,p-Xylene**	**4.0**	**600**	
95-47-6	**o-Xylene**	**2.0**	**32**	
95-50-1	1,2-Dichlorobenzene	2.0	< 2.0	U
541-73-1	1,3-Dichlorobenzene	2.0	< 2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	< 2.0	U
107-02-8	Acrolein	50	< 50	U
74-88-4	Methyl Iodide	10	< 10	U
74-96-4	Bromoethane	2.0	< 2.0	U
107-13-1	Acrylonitrile	10	< 10	U
563-58-6	1,1-Dichloropropene	2.0	< 2.0	U
74-95-3	Dibromomethane	2.0	< 2.0	U
630-20-6	1,1,1,2-Tetrachloroethane	2.0	< 2.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	< 5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	< 5.0	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: RNS-MW3-20090429(14)**
 DILUTION

Lab Sample ID: OX15I
LIMS ID: 09-10218
Matrix: Water
Date Analyzed: 05/07/09 16:20

QC Report No: OX15-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	10	< 10	U
108-67-8	**1,3,5-Trimethylbenzene**	**2.0**	**9.6**	
95-63-6	**1,2,4-Trimethylbenzene**	**2.0**	**180**	
87-68-3	Hexachlorobutadiene	5.0	< 5.0	U
106-93-4	Ethylene Dibromide	2.0	< 2.0	U
74-97-5	Bromochloromethane	2.0	< 2.0	U
594-20-7	2,2-Dichloropropane	2.0	< 2.0	U
142-28-9	1,3-Dichloropropane	2.0	< 2.0	U
98-82-8	**Isopropylbenzene**	**2.0**	**9.3**	
103-65-1	**n-Propylbenzene**	**2.0**	**22**	
108-86-1	Bromobenzene	2.0	< 2.0	U
95-49-8	2-Chlorotoluene	2.0	< 2.0	U
106-43-4	4-Chlorotoluene	2.0	< 2.0	U
98-06-6	tert-Butylbenzene	2.0	< 2.0	U
135-98-8	sec-Butylbenzene	2.0	< 2.0	U
99-87-6	4-Isopropyltoluene	2.0	< 2.0	U
104-51-8	n-Butylbenzene	2.0	< 2.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	< 5.0	U
91-20-3	**Naphthalene**	**5.0**	**73**	
87-61-6	1,2,3-Trichlorobenzene	5.0	< 5.0	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	108%
d8-Toluene	100%
Bromofluorobenzene	99.0%
d4-1,2-Dichlorobenzene	101%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: RNS-MW3-20090429(14)**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OX15I
LIMS ID: 09-10218
Matrix: Water
Data Release Authorized:
Reported: 05/12/09

QC Report No: OX15-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: 04/29/09
Date Received: 04/30/09

Instrument/Analyst: NT10/JZ
Date Analyzed: 05/05/09 23:36

Sample Amount: 10.0 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.5	< 0.5	U
75-01-4	Vinyl Chloride	0.2	< 0.2	U
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.5	< 0.5	U
67-64-1	**Acetone**	**2.5**	**12**	
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	**1,1-Dichloroethane**	**0.2**	**1.2**	
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2	U
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	2.5	< 2.5	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	1.0	< 1.0	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	< 0.2	U
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	**Benzene**	**0.2**	**88**	**E**
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	1.0	< 1.0	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	2.5	< 2.5	U
591-78-6	2-Hexanone	2.5	< 2.5	U
127-18-4	Tetrachloroethene	0.2	< 0.2	U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	**Toluene**	**0.2**	**33**	
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	**Ethylbenzene**	**0.2**	**170**	**ES**
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	0.2	< 0.2	U
179601-23-1	**m,p-Xylene**	**0.4**	**470**	**ES**
95-47-6	**o-Xylene**	**0.2**	**36**	
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	0.5	< 0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: RNS-MW3-20090429(14)**
 SAMPLE

Lab Sample ID: OX15I
LIMS ID: 09-10218
Matrix: Water
Date Analyzed: 05/05/09 23:36

QC Report No: OX15-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	**1,3,5-Trimethylbenzene**	**0.2**	**11**	
95-63-6	**1,2,4-Trimethylbenzene**	**0.2**	**180**	**ES**
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	**Isopropylbenzene**	**0.2**	**12**	
103-65-1	**n-Propylbenzene**	**0.2**	**24**	
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	**4-Isopropyltoluene**	**0.2**	**0.9**	
104-51-8	**n-Butylbenzene**	**0.2**	**0.5**	
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	**Naphthalene**	**0.5**	**86**	**E**
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	104%
d8-Toluene	102%
Bromofluorobenzene	97.9%
d4-1,2-Dichlorobenzene	100%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: RNS-MW3-20090429(19)**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OX15J
LIMS ID: 09-10219
Matrix: Water
Data Release Authorized:
Reported: 05/12/09

QC Report No: OX15-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: 04/29/09
Date Received: 04/30/09

Instrument/Analyst: NT10/JZ
Date Analyzed: 05/06/09 00:00

Sample Amount: 10.0 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.5	< 0.5	U
75-01-4	Vinyl Chloride	0.2	< 0.2	U
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.5	< 0.5	U
67-64-1	Acetone	2.5	< 2.5	U
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2	U
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	2.5	< 2.5	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	1.0	< 1.0	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	< 0.2	U
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	**Benzene**	**0.2**	**100**	**E**
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	1.0	< 1.0	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	2.5	< 2.5	U
591-78-6	2-Hexanone	2.5	< 2.5	U
127-18-4	Tetrachloroethene	0.2	< 0.2	U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	**Toluene**	**0.2**	**32**	
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	**Ethylbenzene**	**0.2**	**190**	**ES**
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	0.2	< 0.2	U
179601-23-1	**m,p-Xylene**	**0.4**	**510**	**ES**
95-47-6	**o-Xylene**	**0.2**	**28**	
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	0.5	< 0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: RNS-MW3-20090429(19)**
 SAMPLE

Lab Sample ID: OX15J
LIMS ID: 09-10219
Matrix: Water
Date Analyzed: 05/06/09 00:00

QC Report No: OX15-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	**1,3,5-Trimethylbenzene**	**0.2**	**12**	
95-63-6	**1,2,4-Trimethylbenzene**	**0.2**	**210**	**ES**
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	**Isopropylbenzene**	**0.2**	**14**	
103-65-1	**n-Propylbenzene**	**0.2**	**31**	
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	**tert-Butylbenzene**	**0.2**	**0.2**	
135-98-8	**sec-Butylbenzene**	**0.2**	**0.7**	
99-87-6	**4-Isopropyltoluene**	**0.2**	**1.4**	
104-51-8	**n-Butylbenzene**	**0.2**	**0.7**	
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	**Naphthalene**	**0.5**	**110**	**E**
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	100%
d8-Toluene	100%
Bromofluorobenzene	99.2%
d4-1,2-Dichlorobenzene	100%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: RNS-MW3-20090429(19)**
Page 1 of 2 **DILUTION**

Lab Sample ID: OX15J
LIMS ID: 09-10219
Matrix: Water
Data Release Authorized:
Reported: 05/12/09

QC Report No: OX15-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: 04/29/09
Date Received: 04/30/09

Instrument/Analyst: NT5/JZ
Date Analyzed: 05/07/09 16:47

Sample Amount: 1.00 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	2.0	< 2.0	U
74-83-9	Bromomethane	5.0	< 5.0	U
75-01-4	Vinyl Chloride	2.0	< 2.0	U
75-00-3	Chloroethane	2.0	< 2.0	U
75-09-2	Methylene Chloride	5.0	< 5.0	U
67-64-1	Acetone	25	< 25	U
75-15-0	Carbon Disulfide	2.0	< 2.0	U
75-35-4	1,1-Dichloroethene	2.0	< 2.0	U
75-34-3	1,1-Dichloroethane	2.0	< 2.0	U
156-60-5	trans-1,2-Dichloroethene	2.0	< 2.0	U
156-59-2	cis-1,2-Dichloroethene	2.0	< 2.0	U
67-66-3	Chloroform	2.0	< 2.0	U
107-06-2	1,2-Dichloroethane	2.0	< 2.0	U
78-93-3	2-Butanone	25	< 25	U
71-55-6	1,1,1-Trichloroethane	2.0	< 2.0	U
56-23-5	Carbon Tetrachloride	2.0	< 2.0	U
108-05-4	Vinyl Acetate	10	< 10	U
75-27-4	Bromodichloromethane	2.0	< 2.0	U
78-87-5	1,2-Dichloropropane	2.0	< 2.0	U
10061-01-5	cis-1,3-Dichloropropene	2.0	< 2.0	U
79-01-6	Trichloroethene	2.0	< 2.0	U
124-48-1	Dibromochloromethane	2.0	< 2.0	U
79-00-5	1,1,2-Trichloroethane	2.0	< 2.0	U
71-43-2	**Benzene**	**2.0**	**110**	
10061-02-6	trans-1,3-Dichloropropene	2.0	< 2.0	U
110-75-8	2-Chloroethylvinylether	10	< 10	U
75-25-2	Bromoform	2.0	< 2.0	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	25	< 25	U
591-78-6	2-Hexanone	25	< 25	U
127-18-4	Tetrachloroethene	2.0	< 2.0	U
79-34-5	1,1,2,2-Tetrachloroethane	2.0	< 2.0	U
108-88-3	**Toluene**	**2.0**	**33**	
108-90-7	Chlorobenzene	2.0	< 2.0	U
100-41-4	**Ethylbenzene**	**2.0**	**250**	
100-42-5	Styrene	2.0	< 2.0	U
75-69-4	Trichlorofluoromethane	2.0	< 2.0	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	2.0	< 2.0	U
179601-23-1	**m,p-Xylene**	**4.0**	**690**	
95-47-6	**o-Xylene**	**2.0**	**26**	
95-50-1	1,2-Dichlorobenzene	2.0	< 2.0	U
541-73-1	1,3-Dichlorobenzene	2.0	< 2.0	U
106-46-7	1,4-Dichlorobenzene	2.0	< 2.0	U
107-02-8	Acrolein	50	< 50	U
74-88-4	Methyl Iodide	10	< 10	U
74-96-4	Bromoethane	2.0	< 2.0	U
107-13-1	Acrylonitrile	10	< 10	U
563-58-6	1,1-Dichloropropene	2.0	< 2.0	U
74-95-3	Dibromomethane	2.0	< 2.0	U
630-20-6	1,1,1,2-Tetrachloroethane	2.0	< 2.0	U
96-12-8	1,2-Dibromo-3-chloropropane	5.0	< 5.0	U
96-18-4	1,2,3-Trichloropropane	5.0	< 5.0	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: RNS-MW3-20090429(19)**
 DILUTION

Lab Sample ID: OX15J
LIMS ID: 09-10219
Matrix: Water
Date Analyzed: 05/07/09 16:47

QC Report No: OX15-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	10	< 10	U
108-67-8	**1,3,5-Trimethylbenzene**	**2.0**	**12**	
95-63-6	**1,2,4-Trimethylbenzene**	**2.0**	**260**	
87-68-3	Hexachlorobutadiene	5.0	< 5.0	U
106-93-4	Ethylene Dibromide	2.0	< 2.0	U
74-97-5	Bromochloromethane	2.0	< 2.0	U
594-20-7	2,2-Dichloropropane	2.0	< 2.0	U
142-28-9	1,3-Dichloropropane	2.0	< 2.0	U
98-82-8	**Isopropylbenzene**	**2.0**	**14**	
103-65-1	**n-Propylbenzene**	**2.0**	**33**	
108-86-1	Bromobenzene	2.0	< 2.0	U
95-49-8	2-Chlorotoluene	2.0	< 2.0	U
106-43-4	4-Chlorotoluene	2.0	< 2.0	U
98-06-6	tert-Butylbenzene	2.0	< 2.0	U
135-98-8	sec-Butylbenzene	2.0	< 2.0	U
99-87-6	4-Isopropyltoluene	2.0	< 2.0	U
104-51-8	n-Butylbenzene	2.0	< 2.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	< 5.0	U
91-20-3	**Naphthalene**	**5.0**	**100**	
87-61-6	1,2,3-Trichlorobenzene	5.0	< 5.0	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	106%
d8-Toluene	98.7%
Bromofluorobenzene	99.7%
d4-1,2-Dichlorobenzene	102%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: RNS-MW7-20090429(39)**
Page 1 of 2 **SAMPLE**

Lab Sample ID: OX15K
LIMS ID: 09-10220
Matrix: Water
Data Release Authorized:
Reported: 05/12/09

QC Report No: OX15-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: 04/29/09
Date Received: 04/30/09

Instrument/Analyst: NT5/JZ
Date Analyzed: 05/07/09 14:04

Sample Amount: 10.0 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.5	< 0.5	U
75-01-4	Vinyl Chloride	0.2	< 0.2	U
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.5	< 0.5	U
67-64-1	**Acetone**	**2.5**	**7.1**	
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2	U
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	2.5	< 2.5	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	1.0	< 1.0	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	< 0.2	U
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	1.0	< 1.0	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	2.5	< 2.5	U
591-78-6	2-Hexanone	2.5	< 2.5	U
127-18-4	Tetrachloroethene	0.2	< 0.2	U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	0.2	< 0.2	U
179601-23-1	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	0.5	< 0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: RNS-MW7-20090429(39)**
Page 2 of 2 **SAMPLE**

Lab Sample ID: OX15K QC Report No: OX15-Landau Associates, Inc.
LIMS ID: 09-10220 Project: SAURO'S PROPERTY
Matrix: Water 094048.010.011
Date Analyzed: 05/07/09 14:04

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	112%
d8-Toluene	102%
Bromofluorobenzene	90.8%
d4-1,2-Dichlorobenzene	102%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MB-050509**
 METHOD BLANK

Lab Sample ID: MB-050509
LIMS ID: 09-10210
Matrix: Water
Data Release Authorized:
Reported: 05/12/09

QC Report No: OX15-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: NA
Date Received: NA

Instrument/Analyst: NT10/JZ
Date Analyzed: 05/05/09 19:48

Sample Amount: 10.0 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.5	< 0.5	U
75-01-4	Vinyl Chloride	0.2	< 0.2	U
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.5	< 0.5	U
67-64-1	Acetone	2.5	< 2.5	U
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2	U
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	2.5	< 2.5	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	1.0	< 1.0	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	< 0.2	U
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	1.0	< 1.0	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	2.5	< 2.5	U
591-78-6	2-Hexanone	2.5	< 2.5	U
127-18-4	Tetrachloroethene	0.2	< 0.2	U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	0.2	< 0.2	U
179601-23-1	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	0.5	< 0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MB-050509**
 METHOD BLANK

Lab Sample ID: MB-050509 QC Report No: OX15-Landau Associates, Inc.
LIMS ID: 09-10210 Project: SAURO'S PROPERTY
Matrix: Water 094048.010.011
Date Analyzed: 05/05/09 19:48

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	97.2%
d8-Toluene	98.1%
Bromofluorobenzene	100%
d4-1,2-Dichlorobenzene	106%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MB-050709**
 METHOD BLANK

Lab Sample ID: MB-050709
LIMS ID: 09-10220
Matrix: Water
Data Release Authorized:
Reported: 05/12/09

QC Report No: OX15-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: NA
Date Received: NA

Instrument/Analyst: NT5/JZ
Date Analyzed: 05/07/09 13:36

Sample Amount: 10.0 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.5	< 0.5	U
75-01-4	Vinyl Chloride	0.2	< 0.2	U
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.5	< 0.5	U
67-64-1	Acetone	2.5	< 2.5	U
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2	U
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	2.5	< 2.5	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	1.0	< 1.0	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	< 0.2	U
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	1.0	< 1.0	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	2.5	< 2.5	U
591-78-6	2-Hexanone	2.5	< 2.5	U
127-18-4	Tetrachloroethene	0.2	< 0.2	U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	0.2	< 0.2	U
179601-23-1	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	0.5	< 0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

Lab Sample ID: MB-050709 QC Report No: OX15-Landau Associates, Inc.
LIMS ID: 09-10220 Project: SAURO'S PROPERTY
Matrix: Water 094048.010.011
Date Analyzed: 05/07/09 13:36

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	114%
d8-Toluene	102%
Bromofluorobenzene	92.0%
d4-1,2-Dichlorobenzene	103%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MB-050809**
 METHOD BLANK

Lab Sample ID: MB-050809
LIMS ID: 09-10217
Matrix: Water
Data Release Authorized:
Reported: 05/12/09

QC Report No: OX15-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: NA
Date Received: NA

Instrument/Analyst: NT5/JZ
Date Analyzed: 05/08/09 12:55

Sample Amount: 10.0 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.2	< 0.2	U
74-83-9	Bromomethane	0.5	< 0.5	U
75-01-4	Vinyl Chloride	0.2	< 0.2	U
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.5	< 0.5	U
67-64-1	Acetone	2.5	< 2.5	U
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2	U
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	2.5	< 2.5	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	1.0	< 1.0	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	< 0.2	U
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	1.0	< 1.0	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	2.5	< 2.5	U
591-78-6	2-Hexanone	2.5	< 2.5	U
127-18-4	Tetrachloroethene	0.2	< 0.2	U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	0.2	< 0.2	U
179601-23-1	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	0.5	< 0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: MB-050809**
 METHOD BLANK

Lab Sample ID: MB-050809 QC Report No: OX15-Landau Associates, Inc.
LIMS ID: 09-10217 Project: SAURO'S PROPERTY
Matrix: Water 094048.010.011
Date Analyzed: 05/08/09 12:55

CAS Number	Analyte	RL	Result	Q
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	113%
d8-Toluene	101%
Bromofluorobenzene	91.5%
d4-1,2-Dichlorobenzene	105%

ANALYTICAL RESOURCES INCORPORATED

VOA SURROGATE RECOVERY SUMMARY

Matrix: Water

QC Report No: OX15-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011

ARI ID	Client ID	PV	DCE	TOL	BFB	DCB	TOT OUT
MB-050509	Method Blank	10	97.2%	98.1%	100%	106%	0
LCS-050509	Lab Control	10	100%	100%	100%	97.7%	0
LCSD-050509	Lab Control Dup	10	104%	102%	101%	99.1%	0
OX15A	RNS-MW2-20090429(21.5)	10	97.3%	99.7%	98.0%	102%	0
OX15B	RNS-MW2-20090429(32.5)	10	95.7%	96.7%	103%	103%	0
OX15C	RNS-MW2-20090429(38.5)	10	99.2%	96.5%	105%	106%	0
OX15D	RNS-MW2-PP-20090429	10	97.4%	95.7%	104%	104%	0
OX15E	RNS-MW6-20090429(42.5)	10	97.2%	92.9%	103%	103%	0
OX15EDL	RNS-MW6-20090429(42.5)	10	110%	95.8%	88.6%	104%	0
OX15F	RNS-MW6-20090429(52.5)	10	97.4%	92.5%	103%	102%	0
OX15FDL	RNS-MW6-20090429(52.5)	10	110%	96.4%	89.1%	103%	0
OX15G	RNS-MW5-20090429(39.5)	10	96.2%	95.8%	103%	103%	0
OX15GDL	RNS-MW5-20090429(39.5)	10	108%	101%	90.1%	107%	0
MB-050809	Method Blank	10	113%	101%	91.5%	105%	0
LCS-050809	Lab Control	10	106%	98.9%	97.7%	98.8%	0
LCSD-050809	Lab Control Dup	10	103%	98.9%	97.1%	99.9%	0
OX15H	RNS-MW4-20090429(39)	10	92.7%	95.4%	95.8%	96.3%	0
OX15HDL	RNS-MW4-20090429(39)	10	102%	101%	90.6%	105%	0
OX15I	RNS-MW3-20090429(14)	10	104%	102%	97.9%	100%	0
OX15IDL	RNS-MW3-20090429(14)	10	108%	100%	99.0%	101%	0
OX15J	RNS-MW3-20090429(19)	10	100%	100%	99.2%	100%	0
OX15JDL	RNS-MW3-20090429(19)	10	106%	98.7%	99.7%	102%	0
MB-050709	Method Blank	10	114%	102%	92.0%	103%	0
LCS-050709	Lab Control	10	106%	99.6%	99.3%	99.2%	0
LCSD-050709	Lab Control Dup	10	106%	99.3%	97.1%	97.0%	0
OX15K	RNS-MW7-20090429(39)	10	112%	102%	90.8%	102%	0

SW8260B	LCS/MB LIMITS	QC LIMITS
(DCE) = d4-1,2-Dichloroethane	70-132	70-130
(TOL) = d8-Toluene	80-120	70-130
(BFB) = Bromofluorobenzene	80-120	70-130
(DCB) = d4-1,2-Dichlorobenzene	80-120	70-130

Prep Method: SW5030B
Log Number Range: 09-10210 to 09-10220

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LCS-050509**
 LAB CONTROL SAMPLE

Lab Sample ID: LCS-050509
LIMS ID: 09-10210
Matrix: Water
Data Release Authorized:
Reported: 05/12/09

QC Report No: OX15-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: NA
Date Received: NA

Instrument/Analyst LCS: NT10/JZ
LCSD: NT10/JZ
Date Analyzed LCS: 05/05/09 17:46
LCSD: 05/05/09 18:17

Sample Amount LCS: 10.0 mL
LCSD: 10.0 mL
Purge Volume LCS: 10.0 mL
LCSD: 10.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	12.2	10.0	122%	10.8	10.0	108%	12.2%
Bromomethane	11.8	10.0	118%	11.9	10.0	119%	0.8%
Vinyl Chloride	9.5	10.0	95.0%	10.2	10.0	102%	7.1%
Chloroethane	10.0	10.0	100%	10.1	10.0	101%	1.0%
Methylene Chloride	9.2	10.0	92.0%	10.0	10.0	100%	8.3%
Acetone	48.2	50.0	96.4%	51.0	50.0	102%	5.6%
Carbon Disulfide	10.3	10.0	103%	10.7	10.0	107%	3.8%
1,1-Dichloroethene	9.4	10.0	94.0%	9.9	10.0	99.0%	5.2%
1,1-Dichloroethane	9.4	10.0	94.0%	10.2	10.0	102%	8.2%
trans-1,2-Dichloroethene	9.6	10.0	96.0%	10.4	10.0	104%	8.0%
cis-1,2-Dichloroethene	9.5	10.0	95.0%	10.4	10.0	104%	9.0%
Chloroform	9.5	10.0	95.0%	10.2	10.0	102%	7.1%
1,2-Dichloroethane	9.5	10.0	95.0%	10.1	10.0	101%	6.1%
2-Butanone	52.4	50.0	105%	53.9	50.0	108%	2.8%
1,1,1-Trichloroethane	9.7	10.0	97.0%	10.5	10.0	105%	7.9%
Carbon Tetrachloride	9.8	10.0	98.0%	10.3	10.0	103%	5.0%
Vinyl Acetate	10.7	10.0	107%	10.6	10.0	106%	0.9%
Bromodichloromethane	9.6	10.0	96.0%	10.4	10.0	104%	8.0%
1,2-Dichloropropane	9.6	10.0	96.0%	10.2	10.0	102%	6.1%
cis-1,3-Dichloropropene	9.8	10.0	98.0%	10.6	10.0	106%	7.8%
Trichloroethene	11.0	10.0	110%	10.5	10.0	105%	4.7%
Dibromochloromethane	9.5	10.0	95.0%	9.9	10.0	99.0%	4.1%
1,1,2-Trichloroethane	9.3	10.0	93.0%	10.2	10.0	102%	9.2%
Benzene	9.9	10.0	99.0%	10.4	10.0	104%	4.9%
trans-1,3-Dichloropropene	10.0	10.0	100%	10.8	10.0	108%	7.7%
2-Chloroethylvinylether	10.7	10.0	107%	11.1	10.0	111%	3.7%
Bromoform	9.5	10.0	95.0%	9.8	10.0	98.0%	3.1%
4-Methyl-2-Pentanone (MIBK)	56.2	50.0	112%	56.6	50.0	113%	0.7%
2-Hexanone	54.3	50.0	109%	53.3	50.0	107%	1.9%
Tetrachloroethene	9.3	10.0	93.0%	9.5	10.0	95.0%	2.1%
1,1,2,2-Tetrachloroethane	10.1	10.0	101%	10.5	10.0	105%	3.9%
Toluene	9.4	10.0	94.0%	10.0	10.0	100%	6.2%
Chlorobenzene	9.2	10.0	92.0%	9.8	10.0	98.0%	6.3%
Ethylbenzene	9.5	10.0	95.0%	9.8	10.0	98.0%	3.1%
Styrene	9.8	10.0	98.0%	10.3	10.0	103%	5.0%
Trichlorofluoromethane	9.6	10.0	96.0%	10.1	10.0	101%	5.1%
1,1,2-Trichloro-1,2,2-trifluoroetha	10.7	10.0	107%	10.7	10.0	107%	0.0%
m,p-Xylene	19.6	20.0	98.0%	20.2	20.0	101%	3.0%
o-Xylene	10.0	10.0	100%	10.4	10.0	104%	3.9%
1,2-Dichlorobenzene	8.8	10.0	88.0%	9.3	10.0	93.0%	5.5%
1,3-Dichlorobenzene	9.2	10.0	92.0%	9.7	10.0	97.0%	5.3%
1,4-Dichlorobenzene	9.1	10.0	91.0%	9.7	10.0	97.0%	6.4%
Acrolein	55.6	50.0	111%	61.0	50.0	122%	9.3%
Methyl Iodide	10.6	10.0	106%	10.9	10.0	109%	2.8%
Bromoethane	10.4	10.0	104%	10.8	10.0	108%	3.8%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LCS-050509**
 LAB CONTROL SAMPLE

Lab Sample ID: LCS-050509 QC Report No: OX15-Landau Associates, Inc.
LIMS ID: 09-10210 Project: SAURO'S PROPERTY
Matrix: Water 094048.010.011

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Acrylonitrile	10.6	10.0	106%	10.9	10.0	109%	2.8%
1,1-Dichloropropene	9.7	10.0	97.0%	10.0	10.0	100%	3.0%
Dibromomethane	9.7	10.0	97.0%	10.5	10.0	105%	7.9%
1,1,1,2-Tetrachloroethane	9.8	10.0	98.0%	10.3	10.0	103%	5.0%
1,2-Dibromo-3-chloropropane	9.8	10.0	98.0%	10.6	10.0	106%	7.8%
1,2,3-Trichloropropane	9.1	10.0	91.0%	9.2	10.0	92.0%	1.1%
trans-1,4-Dichloro-2-butene	10.6	10.0	106%	10.8	10.0	108%	1.9%
1,3,5-Trimethylbenzene	9.8	10.0	98.0%	10.2	10.0	102%	4.0%
1,2,4-Trimethylbenzene	9.8	10.0	98.0%	10.2	10.0	102%	4.0%
Hexachlorobutadiene	8.5	10.0	85.0%	10.2	10.0	102%	18.2%
Ethylene Dibromide	9.8	10.0	98.0%	10.8	10.0	108%	9.7%
Bromochloromethane	9.7	10.0	97.0%	10.5	10.0	105%	7.9%
2,2-Dichloropropane	9.2	10.0	92.0%	9.8	10.0	98.0%	6.3%
1,3-Dichloropropane	9.3	10.0	93.0%	9.7	10.0	97.0%	4.2%
Isopropylbenzene	10.0	10.0	100%	10.2	10.0	102%	2.0%
n-Propylbenzene	9.7	10.0	97.0%	9.9	10.0	99.0%	2.0%
Bromobenzene	9.3	10.0	93.0%	9.7	10.0	97.0%	4.2%
2-Chlorotoluene	9.6	10.0	96.0%	9.8	10.0	98.0%	2.1%
4-Chlorotoluene	9.6	10.0	96.0%	9.9	10.0	99.0%	3.1%
tert-Butylbenzene	9.8	10.0	98.0%	10.2	10.0	102%	4.0%
sec-Butylbenzene	9.7	10.0	97.0%	10.1	10.0	101%	4.0%
4-Isopropyltoluene	9.7	10.0	97.0%	10.0	10.0	100%	3.0%
n-Butylbenzene	9.4	10.0	94.0%	10.0	10.0	100%	6.2%
1,2,4-Trichlorobenzene	8.9	10.0	89.0%	9.8	10.0	98.0%	9.6%
Naphthalene	9.2	10.0	92.0%	9.8	10.0	98.0%	6.3%
1,2,3-Trichlorobenzene	9.1	10.0	91.0%	9.9	10.0	99.0%	8.4%

Reported in µg/L (ppb)

RPD calculated using sample concentrations per SW846.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	100%	104%
d8-Toluene	100%	102%
Bromofluorobenzene	100%	101%
d4-1,2-Dichlorobenzene	97.7%	99.1%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LCS-050709**
 LAB CONTROL SAMPLE

Lab Sample ID: LCS-050709
LIMS ID: 09-10220
Matrix: Water
Data Release Authorized:
Reported: 05/12/09

QC Report No: OX15-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: NA
Date Received: NA

Instrument/Analyst LCS: NT5/JZ
LCSD: NT5/JZ
Date Analyzed LCS: 05/07/09 12:42
LCSD: 05/07/09 13:09

Sample Amount LCS: 10.0 mL
LCSD: 10.0 mL
Purge Volume LCS: 10.0 mL
LCSD: 10.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	10.0	10.0	100%	10.8	10.0	108%	7.7%
Bromomethane	11.5	10.0	115%	12.4	10.0	124%	7.5%
Vinyl Chloride	9.3	10.0	93.0%	10.4	10.0	104%	11.2%
Chloroethane	10.4	10.0	104%	11.0	10.0	110%	5.6%
Methylene Chloride	9.4	10.0	94.0%	10.9	10.0	109%	14.8%
Acetone	51.5	50.0	103%	52.4	50.0	105%	1.7%
Carbon Disulfide	9.7	10.0	97.0%	10.6	10.0	106%	8.9%
1,1-Dichloroethene	10.0	10.0	100%	10.8	10.0	108%	7.7%
1,1-Dichloroethane	10.0	10.0	100%	10.7	10.0	107%	6.8%
trans-1,2-Dichloroethene	10.1	10.0	101%	10.8	10.0	108%	6.7%
cis-1,2-Dichloroethene	9.6	10.0	96.0%	10.5	10.0	105%	9.0%
Chloroform	10.2	10.0	102%	10.9	10.0	109%	6.6%
1,2-Dichloroethane	9.8	10.0	98.0%	10.3	10.0	103%	5.0%
2-Butanone	54.8	50.0	110%	54.8	50.0	110%	0.0%
1,1,1-Trichloroethane	10.2	10.0	102%	11.0	10.0	110%	7.5%
Carbon Tetrachloride	9.7	10.0	97.0%	10.4	10.0	104%	7.0%
Vinyl Acetate	9.4	10.0	94.0%	9.9	10.0	99.0%	5.2%
Bromodichloromethane	9.3	10.0	93.0%	9.7	10.0	97.0%	4.2%
1,2-Dichloropropane	9.7	10.0	97.0%	10.2	10.0	102%	5.0%
cis-1,3-Dichloropropene	9.5	10.0	95.0%	9.9	10.0	99.0%	4.1%
Trichloroethene	10.1	10.0	101%	10.4	10.0	104%	2.9%
Dibromochloromethane	8.5	10.0	85.0%	8.9	10.0	89.0%	4.6%
1,1,2-Trichloroethane	8.8	10.0	88.0%	8.8	10.0	88.0%	0.0%
Benzene	9.7	10.0	97.0%	10.3	10.0	103%	6.0%
trans-1,3-Dichloropropene	9.2	10.0	92.0%	9.5	10.0	95.0%	3.2%
2-Chloroethylvinylether	9.4	10.0	94.0%	9.7	10.0	97.0%	3.1%
Bromoform	9.6	10.0	96.0%	10.3	10.0	103%	7.0%
4-Methyl-2-Pentanone (MIBK)	53.8	50.0	108%	54.9	50.0	110%	2.0%
2-Hexanone	53.5	50.0	107%	54.6	50.0	109%	2.0%
Tetrachloroethene	9.5	10.0	95.0%	10.1	10.0	101%	6.1%
1,1,2,2-Tetrachloroethane	9.8	10.0	98.0%	10.3	10.0	103%	5.0%
Toluene	9.5	10.0	95.0%	10.1	10.0	101%	6.1%
Chlorobenzene	8.9	10.0	89.0%	9.5	10.0	95.0%	6.5%
Ethylbenzene	9.4	10.0	94.0%	10.1	10.0	101%	7.2%
Styrene	9.3	10.0	93.0%	9.8	10.0	98.0%	5.2%
Trichlorofluoromethane	10.9	10.0	109%	11.9	10.0	119%	8.8%
1,1,2-Trichloro-1,2,2-trifluoroetha	10.0	10.0	100%	10.9	10.0	109%	8.6%
m,p-Xylene	19.1	20.0	95.5%	20.5	20.0	102%	7.1%
o-Xylene	8.8	10.0	88.0%	9.7	10.0	97.0%	9.7%
1,2-Dichlorobenzene	9.5	10.0	95.0%	10.4	10.0	104%	9.0%
1,3-Dichlorobenzene	9.7	10.0	97.0%	10.5	10.0	105%	7.9%
1,4-Dichlorobenzene	9.6	10.0	96.0%	10.4	10.0	104%	8.0%
Acrolein	49.5	50.0	99.0%	50.0	50.0	100%	1.0%
Methyl Iodide	9.8	10.0	98.0%	12.0	10.0	120%	20.2%
Bromoethane	9.8	10.0	98.0%	10.8	10.0	108%	9.7%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LCS-050709**
 LAB CONTROL SAMPLE

Lab Sample ID: LCS-050709 QC Report No: OX15-Landau Associates, Inc.
LIMS ID: 09-10220 Project: SAURO'S PROPERTY
Matrix: Water 094048.010.011

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Acrylonitrile	10.7	10.0	107%	11.2	10.0	112%	4.6%
1,1-Dichloropropene	9.7	10.0	97.0%	10.4	10.0	104%	7.0%
Dibromomethane	9.8	10.0	98.0%	9.9	10.0	99.0%	1.0%
1,1,1,2-Tetrachloroethane	8.5	10.0	85.0%	8.9	10.0	89.0%	4.6%
1,2-Dibromo-3-chloropropane	9.5	10.0	95.0%	10.1	10.0	101%	6.1%
1,2,3-Trichloropropane	10.0	10.0	100%	10.4	10.0	104%	3.9%
trans-1,4-Dichloro-2-butene	9.9	10.0	99.0%	10.2	10.0	102%	3.0%
1,3,5-Trimethylbenzene	9.1	10.0	91.0%	10.0	10.0	100%	9.4%
1,2,4-Trimethylbenzene	8.8	10.0	88.0%	9.7	10.0	97.0%	9.7%
Hexachlorobutadiene	8.3	10.0	83.0%	9.1	10.0	91.0%	9.2%
Ethylene Dibromide	9.1	10.0	91.0%	9.4	10.0	94.0%	3.2%
Bromochloromethane	10.5	10.0	105%	10.8	10.0	108%	2.8%
2,2-Dichloropropane	10.0	10.0	100%	10.7	10.0	107%	6.8%
1,3-Dichloropropane	9.1	10.0	91.0%	9.4	10.0	94.0%	3.2%
Isopropylbenzene	9.0	10.0	90.0%	10.0	10.0	100%	10.5%
n-Propylbenzene	9.1	10.0	91.0%	10.0	10.0	100%	9.4%
Bromobenzene	9.3	10.0	93.0%	10.1	10.0	101%	8.2%
2-Chlorotoluene	8.5	10.0	85.0%	9.2	10.0	92.0%	7.9%
4-Chlorotoluene	8.5	10.0	85.0%	9.3	10.0	93.0%	9.0%
tert-Butylbenzene	8.9	10.0	89.0%	9.9	10.0	99.0%	10.6%
sec-Butylbenzene	9.3	10.0	93.0%	10.4	10.0	104%	11.2%
4-Isopropyltoluene	9.3	10.0	93.0%	10.2	10.0	102%	9.2%
n-Butylbenzene	9.3	10.0	93.0%	10.3	10.0	103%	10.2%
1,2,4-Trichlorobenzene	8.8	10.0	88.0%	9.6	10.0	96.0%	8.7%
Naphthalene	8.7	10.0	87.0%	9.3	10.0	93.0%	6.7%
1,2,3-Trichlorobenzene	9.3	10.0	93.0%	10.1	10.0	101%	8.2%

Reported in µg/L (ppb)

RPD calculated using sample concentrations per SW846.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	106%	106%
d8-Toluene	99.6%	99.3%
Bromofluorobenzene	99.3%	97.1%
d4-1,2-Dichlorobenzene	99.2%	97.0%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LCS-050809**
 LAB CONTROL SAMPLE

Lab Sample ID: LCS-050809
LIMS ID: 09-10217
Matrix: Water
Data Release Authorized:
Reported: 05/12/09

QC Report No: OX15-Landau Associates, Inc.
Project: SAURO'S PROPERTY
094048.010.011
Date Sampled: NA
Date Received: NA

Instrument/Analyst LCS: NT5/JZ
LCSD: NT5/JZ
Date Analyzed LCS: 05/08/09 12:01
LCSD: 05/08/09 12:28

Sample Amount LCS: 10.0 mL
LCSD: 10.0 mL
Purge Volume LCS: 10.0 mL
LCSD: 10.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	9.8	10.0	98.0%	10.2	10.0	102%	4.0%
Bromomethane	12.0	10.0	120%	13.0	10.0	130%	8.0%
Vinyl Chloride	9.6	10.0	96.0%	9.7	10.0	97.0%	1.0%
Chloroethane	10.8	10.0	108%	10.7	10.0	107%	0.9%
Methylene Chloride	9.9	10.0	99.0%	9.4	10.0	94.0%	5.2%
Acetone	51.6	50.0	103%	51.9	50.0	104%	0.6%
Carbon Disulfide	9.8	10.0	98.0%	10.1	10.0	101%	3.0%
1,1-Dichloroethene	10.1	10.0	101%	10.3	10.0	103%	2.0%
1,1-Dichloroethane	9.8	10.0	98.0%	10.2	10.0	102%	4.0%
trans-1,2-Dichloroethene	9.9	10.0	99.0%	10.2	10.0	102%	3.0%
cis-1,2-Dichloroethene	9.6	10.0	96.0%	9.8	10.0	98.0%	2.1%
Chloroform	10.0	10.0	100%	10.3	10.0	103%	3.0%
1,2-Dichloroethane	9.8	10.0	98.0%	10.0	10.0	100%	2.0%
2-Butanone	54.9	50.0	110%	55.1	50.0	110%	0.4%
1,1,1-Trichloroethane	10.1	10.0	101%	10.6	10.0	106%	4.8%
Carbon Tetrachloride	9.7	10.0	97.0%	10.1	10.0	101%	4.0%
Vinyl Acetate	9.2	10.0	92.0%	9.5	10.0	95.0%	3.2%
Bromodichloromethane	9.1	10.0	91.0%	9.4	10.0	94.0%	3.2%
1,2-Dichloropropane	9.4	10.0	94.0%	9.7	10.0	97.0%	3.1%
cis-1,3-Dichloropropene	9.4	10.0	94.0%	9.6	10.0	96.0%	2.1%
Trichloroethene	9.7	10.0	97.0%	10.3	10.0	103%	6.0%
Dibromochloromethane	8.5	10.0	85.0%	8.7	10.0	87.0%	2.3%
1,1,2-Trichloroethane	8.6	10.0	86.0%	8.8	10.0	88.0%	2.3%
Benzene	9.6	10.0	96.0%	10.0	10.0	100%	4.1%
trans-1,3-Dichloropropene	9.0	10.0	90.0%	9.3	10.0	93.0%	3.3%
2-Chloroethylvinylether	9.4	10.0	94.0%	9.8	10.0	98.0%	4.2%
Bromoform	9.5	10.0	95.0%	10.3	10.0	103%	8.1%
4-Methyl-2-Pentanone (MIBK)	53.7	50.0	107%	55.1	50.0	110%	2.6%
2-Hexanone	53.4	50.0	107%	54.5	50.0	109%	2.0%
Tetrachloroethene	9.5	10.0	95.0%	10.0	10.0	100%	5.1%
1,1,2,2-Tetrachloroethane	9.5	10.0	95.0%	10.3	10.0	103%	8.1%
Toluene	9.3	10.0	93.0%	9.7	10.0	97.0%	4.2%
Chlorobenzene	8.8	10.0	88.0%	9.2	10.0	92.0%	4.4%
Ethylbenzene	9.2	10.0	92.0%	9.6	10.0	96.0%	4.3%
Styrene	9.1	10.0	91.0%	9.6	10.0	96.0%	5.3%
Trichlorofluoromethane	11.0	10.0	110%	11.4	10.0	114%	3.6%
1,1,2-Trichloro-1,2,2-trifluoroetha	10.2	10.0	102%	10.5	10.0	105%	2.9%
m,p-Xylene	19.0	20.0	95.0%	20.0	20.0	100%	5.1%
o-Xylene	8.9	10.0	89.0%	9.3	10.0	93.0%	4.4%
1,2-Dichlorobenzene	9.5	10.0	95.0%	10.4	10.0	104%	9.0%
1,3-Dichlorobenzene	9.5	10.0	95.0%	10.6	10.0	106%	10.9%
1,4-Dichlorobenzene	9.4	10.0	94.0%	10.4	10.0	104%	10.1%
Acrolein	50.6	50.0	101%	50.5	50.0	101%	0.2%
Methyl Iodide	11.5	10.0	115%	11.2	10.0	112%	2.6%
Bromoethane	10.1	10.0	101%	10.6	10.0	106%	4.8%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260B **Sample ID: LCS-050809**
 LAB CONTROL SAMPLE

Lab Sample ID: LCS-050809 QC Report No: OX15-Landau Associates, Inc.
LIMS ID: 09-10217 Project: SAURO'S PROPERTY
Matrix: Water 094048.010.011

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Acrylonitrile	10.7	10.0	107%	10.6	10.0	106%	0.9%
1,1-Dichloropropene	9.6	10.0	96.0%	10.1	10.0	101%	5.1%
Dibromomethane	9.6	10.0	96.0%	9.9	10.0	99.0%	3.1%
1,1,1,2-Tetrachloroethane	8.4	10.0	84.0%	8.7	10.0	87.0%	3.5%
1,2-Dibromo-3-chloropropane	9.5	10.0	95.0%	10.1	10.0	101%	6.1%
1,2,3-Trichloropropane	9.8	10.0	98.0%	10.5	10.0	105%	6.9%
trans-1,4-Dichloro-2-butene	9.5	10.0	95.0%	10.4	10.0	104%	9.0%
1,3,5-Trimethylbenzene	8.9	10.0	89.0%	10.0	10.0	100%	11.6%
1,2,4-Trimethylbenzene	8.7	10.0	87.0%	9.7	10.0	97.0%	10.9%
Hexachlorobutadiene	8.0	10.0	80.0%	9.0	10.0	90.0%	11.8%
Ethylene Dibromide	8.9	10.0	89.0%	9.2	10.0	92.0%	3.3%
Bromochloromethane	10.3	10.0	103%	10.6	10.0	106%	2.9%
2,2-Dichloropropane	9.9	10.0	99.0%	10.1	10.0	101%	2.0%
1,3-Dichloropropane	8.9	10.0	89.0%	9.2	10.0	92.0%	3.3%
Isopropylbenzene	8.8	10.0	88.0%	9.9	10.0	99.0%	11.8%
n-Propylbenzene	8.8	10.0	88.0%	10.0	10.0	100%	12.8%
Bromobenzene	9.2	10.0	92.0%	10.1	10.0	101%	9.3%
2-Chlorotoluene	8.2	10.0	82.0%	9.3	10.0	93.0%	12.6%
4-Chlorotoluene	8.3	10.0	83.0%	9.3	10.0	93.0%	11.4%
tert-Butylbenzene	8.8	10.0	88.0%	9.9	10.0	99.0%	11.8%
sec-Butylbenzene	9.1	10.0	91.0%	10.3	10.0	103%	12.4%
4-Isopropyltoluene	9.0	10.0	90.0%	10.2	10.0	102%	12.5%
n-Butylbenzene	9.0	10.0	90.0%	10.1	10.0	101%	11.5%
1,2,4-Trichlorobenzene	8.5	10.0	85.0%	9.5	10.0	95.0%	11.1%
Naphthalene	8.5	10.0	85.0%	9.4	10.0	94.0%	10.1%
1,2,3-Trichlorobenzene	9.2	10.0	92.0%	10.2	10.0	102%	10.3%

Reported in µg/L (ppb)

RPD calculated using sample concentrations per SW846.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	106%	103%
d8-Toluene	98.9%	98.9%
Bromofluorobenzene	97.7%	97.1%
d4-1,2-Dichlorobenzene	98.8%	99.9%

Analytical Resources, Incorporated
Analytical Chemists and Consultants

September 3, 2009

Jennifer Wynkoop
Landau Associates, Inc.
950 Pacific Ave # 515
Tacoma, WA 98402

RE: Project No: 094048.010.011
Project Name: Sauros
ARI Job No: PL79

Dear Jennifer:

Please find enclosed copies of the chain of custodies (COC) and the final results from the project referenced above. Analytical Resources, Inc. accepted three water samples in good condition on August 25, 2009.

The samples were analyzed for VOCs, as requested on the COC.

The CCAL is out of control high for Trichlorofluoromethane and 1,2,2-Trichloro-1,2,2-Trifluoroethane. All associated samples that contain Trichlorofluoromethane and 1,2,2-Trichloro-1,2,2- Trifluoroethane have been flagged with a "Q" qualifier.

The LCS is out of control high for 1,2,2-Trichloro-1,2,2- Trifluoroethane. The LCSD is in control and no further corrective action was taken.

The VOCs trip blank contained Styrene. No further corrective action was taken.

There were no other anomalies associated with the analysis.

A copy of these reports and all corresponding raw data will remain on file electronically with ARI. If you have any questions or require additional information, please contact me at your convenience.

Sincerely,
ANALYTICAL RESOURCES, INC.

Kelly Bottem
Client Services Manager
(206) 695-6211
kellyb@arilabs.com

Enclosures

LANDAU ASSOCIATES

☐ **Seattle (Edmonds)** (425) 778-0907
☒ **Tacoma** (253) 926-2493
☐ **Spokane** (509) 327-9737
☐ **Portland (Tigard)** (503) 443-6010
☐ _____

Chain-of-Custody Record

Date 8-24-09
Page 1 of 1

Project Name Sauros Project No. 094048.010.011
Project Location/Event Tacoma, WA / Drain Sampling
Sampler's Name Kristin Hooper, Jennifer Wynkoop
Project Contact Jennifer Wynkoop
Send Results To Jennifer Wynkoop

Turnaround Time
☒ Standard
☐ Accelerated
☐ _____

Sample I.D.	Date	Time	Matrix	No. of Containers	Testing Parameters: VOC's	Observations/Comments
OutFall-20090824	8-24-09	1425	water	3	X	
DavitaDrain-082409	8-24-09	1303	water	3	X	
Trip Blank	6-25-09	901	water	2	X	

___ Allow water samples to settle, collect aliquot from clear portion

NWTPH-Dx:
___ run acid wash/silica gel cleanup
___ run samples standardized to _____ product

___ Analyze for EPH if no specific product identified

VOC/BTEX/VPH (soil):
___ non-preserved
___ preserved w/methanol
___ preserved w/sodium bisulfate
___ Freeze upon receipt

___ Dissolved metal water samples field filtered

Other _____

Special Shipment/Handling or Storage Requirements

Method of Shipment

Relinquished by	Received by	Relinquished by	Received by
Signature ~~Jennifer~~ Kristin Hooper	Signature	Signature	Signature
Printed Name Kristin Hooper	Printed Name Rich Hudson	Printed Name	Printed Name
Company LAI	Company AR1	Company	Company
Date 8-25-09 Time 1030	Date 8/25/09 Time 1030	Date _____ Time _____	Date _____ Time _____

WHITE COPY - Project File YELLOW COPY - Laboratory PINK COPY - Client Representative Rev 4/01

Analytical Resources, Incorporated
Analytical Chemists and Consultants

Cooler Receipt Form

ARI Client: Landau

Project Name: Saturn

COC No(s): _____ (NA)

Delivered by: Fed-Ex UPS Courier Hand Delivered Other: _____

Assigned ARI Job No: PL79

Tracking No: _____ (NA)

Preliminary Examination Phase:

Were intact, properly signed and dated custody seals attached to the outside of to cooler?	YES	(NO)
Were custody papers included with the cooler?	(YES)	NO
Were custody papers properly filled out (ink, signed, etc.)	(YES)	NO
Temperature of Cooler(s) (°C) (recommended 2.0-6.0 °C for chemistry)	3.8	

If cooler temperature is out of compliance fill out form 00070F — Temp Gun ID#: 101086

Cooler Accepted by: _____ Date: 8/25/09 Time: 1140

Complete custody forms and attach all shipping documents

Log-In Phase:

Was a temperature blank included in the cooler?		YES	(NO)
What kind of packing material was used? ... (Bubble Wrap) (Wet Ice) Gel Packs Baggies (Foam Block) Paper Other: _____			
Was sufficient ice used (if appropriate)?	NA	(YES)	NO
Were all bottles sealed in individual plastic bags?		(YES)	NO
Did all bottles arrive in good condition (unbroken)?		(YES)	NO
Were all bottle labels complete and legible?		(YES)	NO
Did the number of containers listed on COC match with the number of containers received?		(YES)	NO
Did all bottle labels and tags agree with custody papers?		(YES)	NO
Were all bottles used correct for the requested analyses?		(YES)	NO
Do any of the analyses (bottles) require preservation? (attach preservation sheet, excluding VOCs)...	NA	YES	(NO)
Were all VOC vials free of air bubbles?	NA	YES	(NO)
Was sufficient amount of sample sent in each bottle?		(YES)	NO

Samples Logged by: JP Date: 8/25/09 Time: 11:50

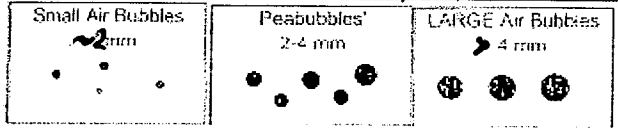
***** Notify Project Manager of discrepancies or concerns *****

Sample ID on Bottle	Sample ID on COC	Sample ID on Bottle	Sample ID on COC

Additional Notes, Discrepancies, & Resolutions:

Both Trip Blanks have "Pb".

By: JP Date: 8/25/09



Small → "sm"

Peabubbles → "pb"

Large → "lg"

Headspace → "hs"

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260C **Sample ID: Outfall-20090824**
 SAMPLE

Lab Sample ID: PL79A
LIMS ID: 09-19842
Matrix: Water
Data Release Authorized:
Reported: 09/03/09

QC Report No: PL79-Landau Associates, Inc.
Project: Sauros
094048.010.011
Date Sampled: 08/24/09
Date Received: 08/25/09

Instrument/Analyst: NT5/PKC
Date Analyzed: 08/25/09 18:12

Sample Amount: 10.0 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.5	< 0.5	U
74-83-9	Bromomethane	0.5	< 0.5	U
75-01-4	**Vinyl Chloride**	**0.2**	**0.3**	
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.5	< 0.5	U
67-64-1	Acetone	5.0	< 5.0	U
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	**cis-1,2-Dichloroethene**	**0.2**	**0.9**	
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	5.0	< 5.0	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	1.0	< 1.0	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	< 0.2	U
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	1.0	< 1.0	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	< 5.0	U
591-78-6	2-Hexanone	5.0	< 5.0	U
127-18-4	Tetrachloroethene	0.2	< 0.2	U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	0.2	< 0.2	U
179601-23-1	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U

Lab Sample ID: PL79A
LIMS ID: 09-19842
Matrix: Water
Date Analyzed: 08/25/09 18:12

QC Report No: PL79-Landau Associates, Inc.
Project: Sauros
094048.010.011

CAS Number	Analyte	RL	Result	Q
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	0.5	< 0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	113%
d8-Toluene	98.2%
Bromofluorobenzene	86.9%
d4-1,2-Dichlorobenzene	106%

2-Chloroethylvinylether is an acid labile compound and may not be recovered from an acid preserved sample.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260C **Sample ID: Davita Drain-082409**
 SAMPLE

Lab Sample ID: PL79B
LIMS ID: 09-19843
Matrix: Water
Data Release Authorized:
Reported: 09/03/09

QC Report No: PL79-Landau Associates, Inc.
Project: Sauros
094048.010.011
Date Sampled: 08/24/09
Date Received: 08/25/09

Instrument/Analyst: NT5/PKC
Date Analyzed: 08/25/09 18:38

Sample Amount: 10.0 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.5	< 0.5	U
74-83-9	Bromomethane	0.5	< 0.5	U
75-01-4	**Vinyl Chloride**	**0.2**	**36**	
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.5	< 0.5	U
67-64-1	Acetone	5.0	< 5.0	U
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	**1,1-Dichloroethene**	**0.2**	**0.2**	
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	**trans-1,2-Dichloroethene**	**0.2**	**2.6**	
156-59-2	**cis-1,2-Dichloroethene**	**0.2**	**50**	
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	5.0	< 5.0	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	1.0	< 1.0	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	**Trichloroethene**	**0.2**	**2.8**	
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	1.0	< 1.0	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	< 5.0	U
591-78-6	2-Hexanone	5.0	< 5.0	U
127-18-4	**Tetrachloroethene**	**0.2**	**1.2**	
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	0.2	< 0.2	U
179601-23-1	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U

Lab Sample ID: PL79B
LIMS ID: 09-19843
Matrix: Water
Date Analyzed: 08/25/09 18:38

QC Report No: PL79-Landau Associates, Inc.
Project: Sauros
094048.010.011

CAS Number	Analyte	RL	Result	Q
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	0.5	< 0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	110%
d8-Toluene	91.3%
Bromofluorobenzene	88.0%
d4-1,2-Dichlorobenzene	108%

2-Chloroethylvinylether is an acid labile compound and may not be recovered from an acid preserved sample.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260C **Sample ID: Trip Blank**
Page 1 of 2 **SAMPLE**

Lab Sample ID: PL79C
LIMS ID: 09-19844
Matrix: Water
Data Release Authorized:
Reported: 09/03/09

QC Report No: PL79-Landau Associates, Inc.
Project: Sauros
094048.010.011
Date Sampled: 08/24/09
Date Received: 08/25/09

Instrument/Analyst: NT5/PKC
Date Analyzed: 08/25/09 15:12

Sample Amount: 10.0 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.5	< 0.5	U
74-83-9	Bromomethane	0.5	< 0.5	U
75-01-4	Vinyl Chloride	0.2	< 0.2	U
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.5	< 0.5	U
67-64-1	Acetone	5.0	< 5.0	U
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2	U
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	5.0	< 5.0	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	1.0	< 1.0	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	< 0.2	U
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	1.0	< 1.0	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	< 5.0	U
591-78-6	2-Hexanone	5.0	< 5.0	U
127-18-4	Tetrachloroethene	0.2	< 0.2	U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	**Styrene**	**0.2**	**0.3**	
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	0.2	< 0.2	U
179601-23-1	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260C **Sample ID: Trip Blank**
 SAMPLE

Lab Sample ID: PL79C QC Report No: PL79-Landau Associates, Inc.
LIMS ID: 09-19844 Project: Sauros
Matrix: Water 094048.010.011
Date Analyzed: 08/25/09 15:12

CAS Number	Analyte	RL	Result	Q
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	0.5	< 0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	112%
d8-Toluene	101%
Bromofluorobenzene	91.3%
d4-1,2-Dichlorobenzene	108%

2-Chloroethylvinylether is an acid labile compound and may not be recovered from an acid preserved sample.

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260C **Sample ID: MB-082509**
 METHOD BLANK

Lab Sample ID: MB-082509
LIMS ID: 09-19842
Matrix: Water
Data Release Authorized:
Reported: 09/03/09

QC Report No: PL79-Landau Associates, Inc.
Project: Sauros
094048.010.011
Date Sampled: NA
Date Received: NA

Instrument/Analyst: NT5/PKC
Date Analyzed: 08/25/09 11:34

Sample Amount: 10.0 mL
Purge Volume: 10.0 mL

CAS Number	Analyte	RL	Result	Q
74-87-3	Chloromethane	0.5	< 0.5	U
74-83-9	Bromomethane	0.5	< 0.5	U
75-01-4	Vinyl Chloride	0.2	< 0.2	U
75-00-3	Chloroethane	0.2	< 0.2	U
75-09-2	Methylene Chloride	0.5	< 0.5	U
67-64-1	Acetone	5.0	< 5.0	U
75-15-0	Carbon Disulfide	0.2	< 0.2	U
75-35-4	1,1-Dichloroethene	0.2	< 0.2	U
75-34-3	1,1-Dichloroethane	0.2	< 0.2	U
156-60-5	trans-1,2-Dichloroethene	0.2	< 0.2	U
156-59-2	cis-1,2-Dichloroethene	0.2	< 0.2	U
67-66-3	Chloroform	0.2	< 0.2	U
107-06-2	1,2-Dichloroethane	0.2	< 0.2	U
78-93-3	2-Butanone	5.0	< 5.0	U
71-55-6	1,1,1-Trichloroethane	0.2	< 0.2	U
56-23-5	Carbon Tetrachloride	0.2	< 0.2	U
108-05-4	Vinyl Acetate	1.0	< 1.0	U
75-27-4	Bromodichloromethane	0.2	< 0.2	U
78-87-5	1,2-Dichloropropane	0.2	< 0.2	U
10061-01-5	cis-1,3-Dichloropropene	0.2	< 0.2	U
79-01-6	Trichloroethene	0.2	< 0.2	U
124-48-1	Dibromochloromethane	0.2	< 0.2	U
79-00-5	1,1,2-Trichloroethane	0.2	< 0.2	U
71-43-2	Benzene	0.2	< 0.2	U
10061-02-6	trans-1,3-Dichloropropene	0.2	< 0.2	U
110-75-8	2-Chloroethylvinylether	1.0	< 1.0	U
75-25-2	Bromoform	0.2	< 0.2	U
108-10-1	4-Methyl-2-Pentanone (MIBK)	5.0	< 5.0	U
591-78-6	2-Hexanone	5.0	< 5.0	U
127-18-4	Tetrachloroethene	0.2	< 0.2	U
79-34-5	1,1,2,2-Tetrachloroethane	0.2	< 0.2	U
108-88-3	Toluene	0.2	< 0.2	U
108-90-7	Chlorobenzene	0.2	< 0.2	U
100-41-4	Ethylbenzene	0.2	< 0.2	U
100-42-5	Styrene	0.2	< 0.2	U
75-69-4	Trichlorofluoromethane	0.2	< 0.2	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroe	0.2	< 0.2	U
179601-23-1	m,p-Xylene	0.4	< 0.4	U
95-47-6	o-Xylene	0.2	< 0.2	U
95-50-1	1,2-Dichlorobenzene	0.2	< 0.2	U
541-73-1	1,3-Dichlorobenzene	0.2	< 0.2	U
106-46-7	1,4-Dichlorobenzene	0.2	< 0.2	U
107-02-8	Acrolein	5.0	< 5.0	U
74-88-4	Methyl Iodide	1.0	< 1.0	U
74-96-4	Bromoethane	0.2	< 0.2	U
107-13-1	Acrylonitrile	1.0	< 1.0	U
563-58-6	1,1-Dichloropropene	0.2	< 0.2	U

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260C **Sample ID: MB-082509**
 METHOD BLANK

Lab Sample ID: MB-082509 QC Report No: PL79-Landau Associates, Inc.
LIMS ID: 09-19842 Project: Sauros
Matrix: Water 094048.010.011
Date Analyzed: 08/25/09 11:34

CAS Number	Analyte	RL	Result	Q
74-95-3	Dibromomethane	0.2	< 0.2	U
630-20-6	1,1,1,2-Tetrachloroethane	0.2	< 0.2	U
96-12-8	1,2-Dibromo-3-chloropropane	0.5	< 0.5	U
96-18-4	1,2,3-Trichloropropane	0.5	< 0.5	U
110-57-6	trans-1,4-Dichloro-2-butene	1.0	< 1.0	U
108-67-8	1,3,5-Trimethylbenzene	0.2	< 0.2	U
95-63-6	1,2,4-Trimethylbenzene	0.2	< 0.2	U
87-68-3	Hexachlorobutadiene	0.5	< 0.5	U
106-93-4	Ethylene Dibromide	0.2	< 0.2	U
74-97-5	Bromochloromethane	0.2	< 0.2	U
594-20-7	2,2-Dichloropropane	0.2	< 0.2	U
142-28-9	1,3-Dichloropropane	0.2	< 0.2	U
98-82-8	Isopropylbenzene	0.2	< 0.2	U
103-65-1	n-Propylbenzene	0.2	< 0.2	U
108-86-1	Bromobenzene	0.2	< 0.2	U
95-49-8	2-Chlorotoluene	0.2	< 0.2	U
106-43-4	4-Chlorotoluene	0.2	< 0.2	U
98-06-6	tert-Butylbenzene	0.2	< 0.2	U
135-98-8	sec-Butylbenzene	0.2	< 0.2	U
99-87-6	4-Isopropyltoluene	0.2	< 0.2	U
104-51-8	n-Butylbenzene	0.2	< 0.2	U
120-82-1	1,2,4-Trichlorobenzene	0.5	< 0.5	U
91-20-3	Naphthalene	0.5	< 0.5	U
87-61-6	1,2,3-Trichlorobenzene	0.5	< 0.5	U

Reported in µg/L (ppb)

Volatile Surrogate Recovery

d4-1,2-Dichloroethane	113%
d8-Toluene	99.4%
Bromofluorobenzene	89.4%
d4-1,2-Dichlorobenzene	103%

ANALYTICAL RESOURCES INCORPORATED

VOA SURROGATE RECOVERY SUMMARY

Matrix: Water

QC Report No: PL79-Landau Associates, Inc.
Project: Sauros
094048.010.011

ARI ID	Client ID	PV	DCE	TOL	BFB	DCB	TOT OUT
MB-082509	Method Blank	10	113%	99.4%	89.4%	103%	0
LCS-082509	Lab Control	10	96.6%	93.3%	99.0%	97.3%	0
LCSD-082509	Lab Control Dup	10	100%	94.8%	100%	97.0%	0
PL79A	Outfall-20090824	10	113%	98.2%	86.9%	106%	0
PL79B	Davita Drain-082409	10	110%	91.3%	88.0%	108%	0
PL79C	Trip Blank	10	112%	101%	91.3%	108%	0

	LCS/MB LIMITS	QC LIMITS
SW8260C		
(DCE) = d4-1,2-Dichloroethane	70-132	80-143
(TOL) = d8-Toluene	80-120	80-120
(BFB) = Bromofluorobenzene	80-120	80-120
(DCB) = d4-1,2-Dichlorobenzene	80-120	80-120

Prep Method: SW5030B
Log Number Range: 09-19842 to 09-19844

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260C **Sample ID: LCS-082509**
 LAB CONTROL SAMPLE

Lab Sample ID: LCS-082509
LIMS ID: 09-19842
Matrix: Water
Data Release Authorized:
Reported: 09/03/09

QC Report No: PL79-Landau Associates, Inc.
Project: Sauros
094048.010.011
Date Sampled: NA
Date Received: NA

Instrument/Analyst LCS: NT5/PKC
LCSD: NT5/PKC
Date Analyzed LCS: 08/25/09 10:43
LCSD: 08/25/09 11:09

Sample Amount LCS: 10.0 mL
LCSD: 10.0 mL
Purge Volume LCS: 10.0 mL
LCSD: 10.0 mL

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Chloromethane	9.4	10.0	94.0%	10.0	10.0	100%	6.2%
Bromomethane	10.8	10.0	108%	11.0	10.0	110%	1.8%
Vinyl Chloride	9.1	10.0	91.0%	9.3	10.0	93.0%	2.2%
Chloroethane	11.8	10.0	118%	11.1	10.0	111%	6.1%
Methylene Chloride	10.0	10.0	100%	9.9	10.0	99.0%	1.0%
Acetone	49.3	50.0	98.6%	50.6	50.0	101%	2.6%
Carbon Disulfide	11.2	10.0	112%	10.5	10.0	105%	6.5%
1,1-Dichloroethene	11.2	10.0	112%	10.4	10.0	104%	7.4%
1,1-Dichloroethane	9.8	10.0	98.0%	9.5	10.0	95.0%	3.1%
trans-1,2-Dichloroethene	10.4	10.0	104%	9.8	10.0	98.0%	5.9%
cis-1,2-Dichloroethene	9.7	10.0	97.0%	9.6	10.0	96.0%	1.0%
Chloroform	10.2	10.0	102%	10.1	10.0	101%	1.0%
1,2-Dichloroethane	10.1	10.0	101%	10.1	10.0	101%	0.0%
2-Butanone	49.1	50.0	98.2%	47.5	50.0	95.0%	3.3%
1,1,1-Trichloroethane	10.8	10.0	108%	10.4	10.0	104%	3.8%
Carbon Tetrachloride	11.0	10.0	110%	10.8	10.0	108%	1.8%
Vinyl Acetate	10.3	10.0	103%	10.4	10.0	104%	1.0%
Bromodichloromethane	9.8	10.0	98.0%	9.9	10.0	99.0%	1.0%
1,2-Dichloropropane	9.1	10.0	91.0%	9.2	10.0	92.0%	1.1%
cis-1,3-Dichloropropene	10.2	10.0	102%	10.2	10.0	102%	0.0%
Trichloroethene	10.0	10.0	100%	10.0	10.0	100%	0.0%
Dibromochloromethane	9.8	10.0	98.0%	10.2	10.0	102%	4.0%
1,1,2-Trichloroethane	9.9	10.0	99.0%	10.4	10.0	104%	4.9%
Benzene	10.0	10.0	100%	10.0	10.0	100%	0.0%
trans-1,3-Dichloropropene	10.1	10.0	101%	10.5	10.0	105%	3.9%
2-Chloroethylvinylether	9.0	10.0	90.0%	8.6	10.0	86.0%	4.5%
Bromoform	10.6	10.0	106%	10.3	10.0	103%	2.9%
4-Methyl-2-Pentanone (MIBK)	48.7	50.0	97.4%	49.3	50.0	98.6%	1.2%
2-Hexanone	47.9	50.0	95.8%	50.3	50.0	101%	4.9%
Tetrachloroethene	10.2	10.0	102%	9.6	10.0	96.0%	6.1%
1,1,2,2-Tetrachloroethane	9.8	10.0	98.0%	9.7	10.0	97.0%	1.0%
Toluene	9.4	10.0	94.0%	9.6	10.0	96.0%	2.1%
Chlorobenzene	10.8	10.0	108%	11.0	10.0	110%	1.8%
Ethylbenzene	10.9	10.0	109%	11.5	10.0	115%	5.4%
Styrene	11.7	10.0	117%	11.6	10.0	116%	0.9%
Trichlorofluoromethane	12.4 Q	10.0	124%	11.6 Q	10.0	116%	6.7%
1,1,2-Trichloro-1,2,2-trifluoroetha	12.8 Q	10.0	128%	12.0 Q	10.0	120%	6.5%
m,p-Xylene	22.3	20.0	112%	22.2	20.0	111%	0.4%
o-Xylene	10.3	10.0	103%	10.4	10.0	104%	1.0%
1,2-Dichlorobenzene	10.2	10.0	102%	10.2	10.0	102%	0.0%
1,3-Dichlorobenzene	10.7	10.0	107%	10.4	10.0	104%	2.8%
1,4-Dichlorobenzene	10.6	10.0	106%	10.3	10.0	103%	2.9%
Acrolein	45.2	50.0	90.4%	47.3	50.0	94.6%	4.5%
Methyl Iodide	11.9	10.0	119%	12.1	10.0	121%	1.7%
Bromoethane	11.5	10.0	115%	11.1	10.0	111%	3.5%

ANALYTICAL RESOURCES INCORPORATED

ORGANICS ANALYSIS DATA SHEET
Volatiles by Purge & Trap GC/MS-Method SW8260C **Sample ID: LCS-082509**
 LAB CONTROL SAMPLE

Lab Sample ID: LCS-082509 QC Report No: PL79-Landau Associates, Inc.
LIMS ID: 09-19842 Project: Sauros
Matrix: Water 094048.010.011

Analyte	LCS	Spike Added-LCS	LCS Recovery	LCSD	Spike Added-LCSD	LCSD Recovery	RPD
Acrylonitrile	9.6	10.0	96.0%	10.1	10.0	101%	5.1%
1,1-Dichloropropene	10.0	10.0	100%	9.7	10.0	97.0%	3.0%
Dibromomethane	9.8	10.0	98.0%	10.0	10.0	100%	2.0%
1,1,1,2-Tetrachloroethane	11.1	10.0	111%	11.4	10.0	114%	2.7%
1,2-Dibromo-3-chloropropane	9.7	10.0	97.0%	9.9	10.0	99.0%	2.0%
1,2,3-Trichloropropane	10.1	10.0	101%	9.6	10.0	96.0%	5.1%
trans-1,4-Dichloro-2-butene	9.8	10.0	98.0%	9.0	10.0	90.0%	8.5%
1,3,5-Trimethylbenzene	11.3	10.0	113%	10.9	10.0	109%	3.6%
1,2,4-Trimethylbenzene	11.2	10.0	112%	10.7	10.0	107%	4.6%
Hexachlorobutadiene	10.1	10.0	101%	9.6	10.0	96.0%	5.1%
Ethylene Dibromide	9.7	10.0	97.0%	10.1	10.0	101%	4.0%
Bromochloromethane	10.9	10.0	109%	10.3	10.0	103%	5.7%
2,2-Dichloropropane	10.6	10.0	106%	10.2	10.0	102%	3.8%
1,3-Dichloropropane	9.9	10.0	99.0%	10.0	10.0	100%	1.0%
Isopropylbenzene	10.7	10.0	107%	10.3	10.0	103%	3.8%
n-Propylbenzene	10.6	10.0	106%	10.1	10.0	101%	4.8%
Bromobenzene	10.4	10.0	104%	9.8	10.0	98.0%	5.9%
2-Chlorotoluene	10.3	10.0	103%	10.1	10.0	101%	2.0%
4-Chlorotoluene	11.0	10.0	110%	10.7	10.0	107%	2.8%
tert-Butylbenzene	10.8	10.0	108%	10.5	10.0	105%	2.8%
sec-Butylbenzene	11.2	10.0	112%	10.5	10.0	105%	6.5%
4-Isopropyltoluene	11.3	10.0	113%	10.8	10.0	108%	4.5%
n-Butylbenzene	10.8	10.0	108%	10.2	10.0	102%	5.7%
1,2,4-Trichlorobenzene	9.7	10.0	97.0%	9.5	10.0	95.0%	2.1%
Naphthalene	9.3	10.0	93.0%	9.4	10.0	94.0%	1.1%
1,2,3-Trichlorobenzene	9.8	10.0	98.0%	9.7	10.0	97.0%	1.0%

Reported in µg/L (ppb)

RPD calculated using sample concentrations per SW846.

Volatile Surrogate Recovery

	LCS	LCSD
d4-1,2-Dichloroethane	96.6%	100%
d8-Toluene	93.3%	94.8%
Bromofluorobenzene	99.0%	100%
d4-1,2-Dichlorobenzene	97.3%	97.0%

City of Tacoma
Environmental Services

Memorandum

TO: Calvin Taylor, Environmental Project Coordinator

FROM: Christopher L. Getchell, Asst. Division Manager, Env. Services Laboratory

SUBJECT: SAP Accounting CIP-00020-01-03

DATE: December 20, 2010

Attached are the analysis results for the Sauro Property samples collected October 27 and November 3, 2010. Grabs were collected for Volatile Organics. Trip Blanks were collected with these samples. Bromomethane, 1,1-Dichloroethene and Acetone were found in the Trip Blank prepared on 10/27 and Bromomethane was detected in the Trip Blank prepared on 11/03.

The Environmental Services Laboratory analyzed the samples. A Quality Control Data Review report was prepared and is available for review upon request.

If you have any questions concerning these results, call me at (253) 502-2252. Please note the remaining portions of these samples will be discarded six months from the date of this report unless notified.

Christopher L. Getchell
Assistant Division Manager
Environmental Services Laboratory

CLG:GP

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Fs005\lab_reports\Surfacewater\Miscellaneous\2010\Sauro101028.pdf

Quality Control Data Review

TO: Christopher L. Getchell, Asst. Division Manager

FROM: Gregory Perez, Sr. Environmental Laboratory Analyst

DATE: December 20, 2010

SAMPLES

This report concerns the following samples associated with **SAP Accounting CIP-00020-01-03:**

Sample Description	Lab #	Date Sampled
MW13-20101027(51.5)	2010-12738	10/27/2010
LAI-MW1-20101027(63)	2010-12739	10/27/2010
LAI-MW2-20101027(65)	2010-12740	10/27/2010
LAI-MW3-20101027(75)	2010-12741	10/27/2010
LAI-MW4-20101027(25)	2010-12742	10/27/2010
RNS-MW2-20101027(21.5)	2010-12743	10/27/2010
RNS-MW2-20101027(38.5)	2010-12744	10/27/2010
RNS-MW6-20101027(42.5)	2010-12745	10/27/2010
RNS-MW6-20101027(52.5)	2010-12746	10/27/2010
MW-999-20101027(25)	2010-12747	10/27/2010
Trip Blank	2010-12748	10/27/2010
MW1-PP-20101103	2010-13068	11/03/2010
MW2-PP-20101103	2010-13069	11/03/2010
Trip Blank	2010-13070	11/03/2010
MW2-PP-20101102	2010-15065	11/02/2010
MW2-PP-20101102	2010-15066	11/02/2010
MW13-20101102(51.5)	2010-15067	11/02/2010
LAI-MW1-20101102(63)	2010-15068	11/02/2010
LAI-MW2-20101102(65)	2010-15069	11/02/2010
LAI-MW3-20101102(75)	2010-15070	11/02/2010
LAI-MW4-20101102(25)	2010-15071	11/02/2010
RNS-MW2-20101102(21.5)	2010-15072	11/02/2010
RNS-MW2-20101102(38.5)	2010-15073	11/02/2010
RNS-MW6-20101102(42.5)	2010-15074	11/02/2010
RNS-MW6-20101102(52.5)	2010-15075	11/02/2010

HOLDING TIMES

These samples were analyzed within the required holding times of 14 days for Volatile Organics.

METHODS

The analysis follows the EPA SW-846 Method 8260.

METHOD DETECTION LIMITS

All analytes are reported to the Method Detection Limit (MDL). Values greater than the MDL and less than the Practical Quantitation Limit (reporting limit or PQL) are reported for your information. Values may be qualified as estimated (J) as not as precise as values reported greater than the PQL.

DAILY INSTRUMENT PERFORMANCE STANDARDS

The criteria for the spectra of Bromofluorobenzene (BFB) were met for the twelve-hour sequences when these samples were analyzed. Therefore, the spectra generated by the mass spectrometer can be considered in control for all these analyses.

CALIBRATION AND VERIFICATION

All reported Volatile compounds had updated relative response factors (RRF) greater than or equal to 0.050 with relative percent differences (%RSD) of less than 15% for the Initial Calibration and percent differences (%D) of less than 20% for the Continuing Calibration when compared to the average RRF.

METHOD BLANKS

Detected compounds were less than the required quantitation limit for reported compounds. Acetone has been reported as undetected in all samples. The following compounds were detected below the reporting limits:

Lab#	Analyte	Result	Limits
Blank98643	2-Hexanone	1.13	0-10
Blank98643	4-Methyl-2-pentanone	0.84	0-10
Blank98643	m/p-Xylene	0.08	0-2
Blank98643	Tetrachloroethene	0.03	0-1
Blank98643	Acetone	3.8	0-1

FIELD BLANK

Trip Blanks were analyzed with these samples. Bromomethane, 1,1-Dichloroethene and Acetone were found in the Trip Blank prepared on 10/27 and Bromomethane was detected in the Trip Blank prepared on 11/03.

SYSTEM MONITORING COMPOUNDS

Four System-Monitoring Compounds (SMCs) were added for the VOA analysis. The established control limits for the VOA surrogates are 26 – 175% for 1,2-Dichloroethane, 86 – 126% for Bromofluorobenzene, 81 – 130% for Dibromofluorobenzene, and 82 – 127% for Toluene-d8. Recoveries for VOA surrogates ranged from 92 – 121% and all were within the established limits.

MATRIX SPIKE ANALYSIS

Matrix Spike and Matrix Spike Duplicate analysis was performed for Volatile Organics. The spike recoveries were within established control limits except for the following:

Lab#	Analyte	Result	Limits
2010-12739S	Methyl-tert-butyl-ether	114.9	50-100
2010-12739S	Bromoform	58.6	77.7-134.6
2010-12739S	Dibromochloromethane	67.9	70-127.7

No data is not qualified based on one Matrix Spike failure.

INTERNAL STANDARDS

Performance of the Internal Standards (IS) monitors GC/MS sensitivity and stability during each analysis. Internal standards areas in the samples must meet 50% to 200% when compared to the continuing calibration response and be within +/- 30 seconds from the continuing calibration retention time.

Internal standards used in this analysis included Bromochloromethane, 1,4-Difluorobenzene and Chlorobenzene-d5. All internal standards associated with this sample delivery group fell within the acceptance criteria. The data did not require qualification based on internal standard performance.

DATA ASSESSMENT

All areas of review met USEPA CLP National Functional Guidelines (1999) for volatile data without additional qualification. The qualifier assigned in this Sample Delivery Group is listed below:

U Indicates that the analyte was analyzed for, but was not detected above the reported sample quantitation limit.

All data including qualified values are acceptable for use.

City of Tacoma

Environmental Services Laboratory

2201 Portland Avenue Tacoma WA 98421
Phone: 253.591.5588 Fax: 253.502.2170

Lab#: 2010-12738
Sample ID: **MW13-20101027(51.5)**
PDB
Sample Type: Groundwater
Sample Collect Date: 10/27/2010 15:45
Sample Receipt Date: 10/27/2010

Test	Analysis Date	Analytical Method:	Result		Units	PQL	MDL	CAS#
VOA								
1,1,1-Trichloroethane	11/9/2010	8260B	4.0	U	ug/L	40	4.0	71-55-6
1,1,2,2-Tetrachloroethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	79-34-5
1,1,2-Trichloroethane	11/9/2010	8260B	20	U	ug/L	80	20	79-00-5
1,1-Dichloroethane	11/9/2010	8260B	4.0	U	ug/L	40	4.0	75-34-3
1,1-Dichloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-35-4
1,2-Dibromoethane	11/9/2010	8260B	20	U	ug/L	80	20	74-95-3
1,2-Dichlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	95-50-1
1,2-Dichloroethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	107-06-2
1,2-Dichloropropane	11/9/2010	8260B	4.0	U	ug/L	40	4.0	78-87-5
1,3-Dichlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	541-73-1
1,4-Dichlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	106-46-7
2-Butanone	11/9/2010	8260B	110	U	ug/L	400	110	78-93-3
2-Hexanone	11/9/2010	8260B	96	U	ug/L	400	96	591-78-6
4-Methyl-2-pentanone	11/9/2010	8260B	110	U	ug/L	400	110	108-10-1
Acetone	11/9/2010	8260B	190	U	ug/L	400	190	67-64-1
Acrolein	11/9/2010	8260B	80	U	ug/L	400	80	107-02-8
Acrylonitrile	11/9/2010	8260B	80	U	ug/L	400	80	107-13-1
Benzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	71-43-2
Bromodichloromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	74-97-5
Bromoform	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-25-2
Bromomethane	11/9/2010	8260B	28	J	ug/L	40	20	74-83-9
Carbon Disulfide	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-15-0
Carbon Tetrachloride	11/9/2010	8260B	8.0	U	ug/L	40	8.0	56-23-5
Chlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	108-90-7
Chloroethane	11/9/2010	8260B	12	U	ug/L	40	12	75-00-3
Chloroform	11/9/2010	8260B	8.0	U	ug/L	40	8.0	67-66-3
Chloromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	74-87-3
cis-1,2-Dichloroethene	11/9/2010	8260B	**160**		ug/L	40	8.0	156-59-2
cis-1,3-Dichloropropene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	10061-01-5
Dibromochloromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	124-48-1
Ethylbenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	100-41-4
m/p-Xylene	11/9/2010	8260B	16	U	ug/L	80	16	1330-20-7
Methyl tert-butyl ether	11/9/2010	8260B	20	U	ug/L	80	20	1634-04-4
Methylene Chloride	11/9/2010	8260B	13	J	ug/L	40	12	75-09-2
o-Xylene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	95-47-6

City of Tacoma
Environmental Services Laboratory
2201 Portland Avenue Tacoma WA 98421
Phone: 253.591.5588 Fax: 253.502.2170

Lab#: 2010-12738
Sample ID: **MW13-20101027(51.5)**
PDB
Sample Type: Groundwater
Sample Collect Date: 10/27/2010 15:45
Sample Receipt Date: 10/27/2010

Test	Analysis Date	Analytical Method:	Result		Units	PQL	MDL	CAS#
Styrene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	100-42-5
Tetrachloroethene	11/9/2010	8260B	**530**		ug/L	40	8.0	127-18-4
Toluene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	108-88-3
trans-1,2-Dichloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	156-60-5
trans-1,3-Dichloropropene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	10061-02-6
Trichloroethene	11/9/2010	8260B	**150**		ug/L	40	8.0	79-01-6
Trichlorofluoromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-69-4
Vinyl Acetate	11/9/2010	8260B	8.0	U	ug/L	40	8.0	108-05-4
Vinyl Chloride	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-01-4

Flags:
U: The analyte was not detected at or above the reported value.
UJ: The analyte was not detected at or above the reported estimated result. See QC Report.
NJ: TIC There is evidence the analyte is present. The associated value is an estimate.
J: The analyte was positively identified. The associated value is an estimate. See QC Report.
B: The analyte was detected but is less than the Project Reporting Limit Goal.
R: The value is unusable.

Monday, December 20, 2010

Reviewed By: Greg Perez **Date**

City of Tacoma

Environmental Services Laboratory

2201 Portland Avenue Tacoma WA 98421
Phone: 253.591.5588 Fax: 253.502.2170

Lab#: 2010-12739
Sample ID: LAI-MW1-20101027(63)
PDB
Sample Type: Groundwater
Sample Collect Date: 10/27/2010 14:05
Sample Receipt Date: 10/27/2010

Test	Analysis Date	Analytical Method:	Result		Units	PQL	MDL	CAS#
VOA								
1,1,1-Trichloroethane	11/9/2010	8260B	4.0	U	ug/L	40	4.0	71-55-6
1,1,2,2-Tetrachloroethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	79-34-5
1,1,2-Trichloroethane	11/9/2010	8260B	20	U	ug/L	80	20	79-00-5
1,1-Dichloroethane	11/9/2010	8260B	4.0	U	ug/L	40	4.0	75-34-3
1,1-Dichloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-35-4
1,2-Dibromoethane	11/9/2010	8260B	20	U	ug/L	80	20	74-95-3
1,2-Dichlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	95-50-1
1,2-Dichloroethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	107-06-2
1,2-Dichloropropane	11/9/2010	8260B	4.0	U	ug/L	40	4.0	78-87-5
1,3-Dichlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	541-73-1
1,4-Dichlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	106-46-7
2-Butanone	11/9/2010	8260B	110	U	ug/L	400	110	78-93-3
2-Hexanone	11/9/2010	8260B	96	U	ug/L	400	96	591-78-6
4-Methyl-2-pentanone	11/9/2010	8260B	110	U	ug/L	400	110	108-10-1
Acetone	11/9/2010	8260B	180	U	ug/L	400	180	67-64-1
Acrolein	11/9/2010	8260B	80	U	ug/L	400	80	107-02-8
Acrylonitrile	11/9/2010	8260B	80	U	ug/L	400	80	107-13-1
Benzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	71-43-2
Bromodichloromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	74-97-5
Bromoform	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-25-2
Bromomethane	11/9/2010	8260B	20	U	ug/L	40	20	74-83-9
Carbon Disulfide	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-15-0
Carbon Tetrachloride	11/9/2010	8260B	8.0	U	ug/L	40	8.0	56-23-5
Chlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	108-90-7
Chloroethane	11/9/2010	8260B	12	U	ug/L	40	12	75-00-3
Chloroform	11/9/2010	8260B	8.0	U	ug/L	40	8.0	67-66-3
Chloromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	74-87-3
cis-1,2-Dichloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	156-59-2
cis-1,3-Dichloropropene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	10061-01-5
Dibromochloromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	124-48-1
Ethylbenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	100-41-4
m/p-Xylene	11/9/2010	8260B	16	U	ug/L	80	16	1330-20-7
Methyl tert-butyl ether	11/9/2010	8260B	20	U	ug/L	80	20	1634-04-4
Methylene Chloride	11/9/2010	8260B	13	J	ug/L	40	12	75-09-2
o-Xylene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	95-47-6

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Lab#: 2010-12739
Sample ID: **LAI-MW1-20101027(63)**
PDB
Sample Type: Groundwater
Sample Collect Date: 10/27/2010 14:05
Sample Receipt Date: 10/27/2010

Test	Analysis Date	Analytical Method:	Result		Units	PQL	MDL	CAS#
Styrene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	100-42-5
Tetrachloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	127-18-4
Toluene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	108-88-3
trans-1,2-Dichloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	156-60-5
trans-1,3-Dichloropropene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	10061-02-6
Trichloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	79-01-6
Trichlorofluoromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-69-4
Vinyl Acetate	11/9/2010	8260B	8.0	U	ug/L	40	8.0	108-05-4
Vinyl Chloride	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-01-4

Flags: U: The analyte was not detected at or above the reported value.
UJ: The analyte was not detected at or above the reported estimated result. See QC Report.
NJ: TIC There is evidence the analyte is present. The associated value is an estimate.
J: The analyte was positively identified. The associated value is an estimate. See QC Report.
B: The analyte was detected but is less than the Project Reporting Limit Goal.
R: The value is unusable.

Reviewed By: Greg Perez

Monday, December 20, 2010
Date

City of Tacoma

Environmental Services Laboratory

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Lab#: 2010-12740
Sample ID: **LAI-MW2-20101027(65)**
PDB
Sample Type: Groundwater
Sample Collect Date: 10/27/2010 15:20
Sample Receipt Date: 10/27/2010

Test	Analysis Date	Analytical Method:	Result		Units	PQL	MDL	CAS#
VOA								
1,1,1-Trichloroethane	11/9/2010	8260B	4.0	U	ug/L	40	4.0	71-55-6
1,1,2,2-Tetrachloroethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	79-34-5
1,1,2-Trichloroethane	11/9/2010	8260B	20	U	ug/L	80	20	79-00-5
1,1-Dichloroethane	11/9/2010	8260B	4.0	U	ug/L	40	4.0	75-34-3
1,1-Dichloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-35-4
1,2-Dibromoethane	11/9/2010	8260B	20	U	ug/L	80	20	74-95-3
1,2-Dichlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	95-50-1
1,2-Dichloroethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	107-06-2
1,2-Dichloropropane	11/9/2010	8260B	4.0	U	ug/L	40	4.0	78-87-5
1,3-Dichlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	541-73-1
1,4-Dichlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	106-46-7
2-Butanone	11/9/2010	8260B	110	U	ug/L	400	110	78-93-3
2-Hexanone	11/9/2010	8260B	96	U	ug/L	400	96	591-78-6
4-Methyl-2-pentanone	11/9/2010	8260B	110	U	ug/L	400	110	108-10-1
Acetone	11/9/2010	8260B	210	U	ug/L	400	210	67-64-1
Acrolein	11/9/2010	8260B	80	U	ug/L	400	80	107-02-8
Acrylonitrile	11/9/2010	8260B	80	U	ug/L	400	80	107-13-1
Benzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	71-43-2
Bromodichloromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	74-97-5
Bromoform	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-25-2
Bromomethane	11/9/2010	8260B	20	U	ug/L	40	20	74-83-9
Carbon Disulfide	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-15-0
Carbon Tetrachloride	11/9/2010	8260B	8.0	U	ug/L	40	8.0	56-23-5
Chlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	108-90-7
Chloroethane	11/9/2010	8260B	12	U	ug/L	40	12	75-00-3
Chloroform	11/9/2010	8260B	8.0	U	ug/L	40	8.0	67-66-3
Chloromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	74-87-3
cis-1,2-Dichloroethene	11/9/2010	8260B	200		ug/L	40	8.0	156-59-2
cis-1,3-Dichloropropene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	10061-01-5
Dibromochloromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	124-48-1
Ethylbenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	100-41-4
m/p-Xylene	11/9/2010	8260B	16	U	ug/L	80	16	1330-20-7
Methyl tert-butyl ether	11/9/2010	8260B	20	U	ug/L	80	20	1634-04-4
Methylene Chloride	11/9/2010	8260B	14	J	ug/L	40	12	75-09-2
o-Xylene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	95-47-6

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Lab#: 2010-12740
Sample ID: **LAI-MW2-20101027(65)**
PDB
Sample Type: Groundwater
Sample Collect Date: 10/27/2010 15:20
Sample Receipt Date: 10/27/2010

Test	Analysis Date	Analytical Method:	Result		Units	PQL	MDL	CAS#
Styrene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	100-42-5
Tetrachloroethene	11/9/2010	8260B	**430**		ug/L	40	8.0	127-18-4
Toluene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	108-88-3
trans-1,2-Dichloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	156-60-5
trans-1,3-Dichloropropene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	10061-02-6
Trichloroethene	11/9/2010	8260B	**160**		ug/L	40	8.0	79-01-6
Trichlorofluoromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-69-4
Vinyl Acetate	11/9/2010	8260B	8.0	U	ug/L	40	8.0	108-05-4
Vinyl Chloride	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-01-4

Flags: U: The analyte was not detected at or above the reported value.
UJ: The analyte was not detected at or above the reported estimated result. See QC Report.
NJ: TIC There is evidence the analyte is present. The associated value is an estimate.
J: The analyte was positively identified. The associated value is an estimate. See QC Report.
B: The analyte was detected but is less than the Project Reporting Limit Goal.
R: The value is unusable.

Reviewed By: Greg Perez

Monday, December 20, 2010
Date

City of Tacoma

Environmental Services Laboratory

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Phone: 253.591.5588 Fax: 253.502.2170

Lab#: 2010-12741
Sample ID: **LAI-MW3-20101027(75)**
PDB
Sample Type: Groundwater
Sample Collect Date: 10/27/2010 15:30
Sample Receipt Date: 10/27/2010

Test	Analysis Date	Analytical Method:	Result		Units	PQL	MDL	CAS#
VOA								
1,1,1-Trichloroethane	11/9/2010	8260B	4.0	U	ug/L	40	4.0	71-55-6
1,1,2,2-Tetrachloroethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	79-34-5
1,1,2-Trichloroethane	11/9/2010	8260B	20	U	ug/L	80	20	79-00-5
1,1-Dichloroethane	11/9/2010	8260B	4.0	U	ug/L	40	4.0	75-34-3
1,1-Dichloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-35-4
1,2-Dibromoethane	11/9/2010	8260B	20	U	ug/L	80	20	74-95-3
1,2-Dichlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	95-50-1
1,2-Dichloroethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	107-06-2
1,2-Dichloropropane	11/9/2010	8260B	4.0	U	ug/L	40	4.0	78-87-5
1,3-Dichlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	541-73-1
1,4-Dichlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	106-46-7
2-Butanone	11/9/2010	8260B	110	U	ug/L	400	110	78-93-3
2-Hexanone	11/9/2010	8260B	96	U	ug/L	400	96	591-78-6
4-Methyl-2-pentanone	11/9/2010	8260B	110	U	ug/L	400	110	108-10-1
Acetone	11/9/2010	8260B	200	U	ug/L	400	200	67-64-1
Acrolein	11/9/2010	8260B	80	U	ug/L	400	80	107-02-8
Acrylonitrile	11/9/2010	8260B	80	U	ug/L	400	80	107-13-1
Benzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	71-43-2
Bromodichloromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	74-97-5
Bromoform	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-25-2
Bromomethane	11/9/2010	8260B	20	U	ug/L	40	20	74-83-9
Carbon Disulfide	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-15-0
Carbon Tetrachloride	11/9/2010	8260B	8.0	U	ug/L	40	8.0	56-23-5
Chlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	108-90-7
Chloroethane	11/9/2010	8260B	12	U	ug/L	40	12	75-00-3
Chloroform	11/9/2010	8260B	8.0	U	ug/L	40	8.0	67-66-3
Chloromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	74-87-3
cis-1,2-Dichloroethene	11/9/2010	8260B	73		ug/L	40	8.0	156-59-2
cis-1,3-Dichloropropene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	10061-01-5
Dibromochloromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	124-48-1
Ethylbenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	100-41-4
m/p-Xylene	11/9/2010	8260B	16	U	ug/L	80	16	1330-20-7
Methyl tert-butyl ether	11/9/2010	8260B	20	U	ug/L	80	20	1634-04-4
Methylene Chloride	11/9/2010	8260B	12	U	ug/L	40	12	75-09-2
o-Xylene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	95-47-6

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Lab#: 2010-12741
Sample ID: **LAI-MW3-20101027(75)**
PDB
Sample Type: Groundwater
Sample Collect Date: 10/27/2010 15:30
Sample Receipt Date: 10/27/2010

Test	Analysis Date	Analytical Method:	Result		Units	PQL	MDL	CAS#
Styrene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	100-42-5
Tetrachloroethene	11/9/2010	8260B	**120**		ug/L	40	8.0	127-18-4
Toluene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	108-88-3
trans-1,2-Dichloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	156-60-5
trans-1,3-Dichloropropene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	10061-02-6
Trichloroethene	11/9/2010	8260B	**53**		ug/L	40	8.0	79-01-6
Trichlorofluoromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-69-4
Vinyl Acetate	11/9/2010	8260B	8.0	U	ug/L	40	8.0	108-05-4
Vinyl Chloride	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-01-4

Flags:
U: The analyte was not detected at or above the reported value.
UJ: The analyte was not detected at or above the reported estimated result. See QC Report.
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B: The analyte was detected but is less than the Project Reporting Limit Goal.
R: The value is unusable.

Monday, December 20, 2010

Reviewed By: Greg Perez **Date**

City of Tacoma

Environmental Services Laboratory

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Lab#: 2010-12742
Sample ID: **LAI-MW4-20101027(25)**
PDB
Sample Type: Groundwater
Sample Collect Date: 10/27/2010 13:50
Sample Receipt Date: 10/27/2010

Test	Analysis Date	Analytical Method:	Result		Units	PQL	MDL	CAS#
VOA								
1,1,1-Trichloroethane	11/9/2010	8260B	4.0	U	ug/L	40	4.0	71-55-6
1,1,2,2-Tetrachloroethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	79-34-5
1,1,2-Trichloroethane	11/9/2010	8260B	20	U	ug/L	80	20	79-00-5
1,1-Dichloroethane	11/9/2010	8260B	4.0	U	ug/L	40	4.0	75-34-3
1,1-Dichloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-35-4
1,2-Dibromoethane	11/9/2010	8260B	20	U	ug/L	80	20	74-95-3
1,2-Dichlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	95-50-1
1,2-Dichloroethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	107-06-2
1,2-Dichloropropane	11/9/2010	8260B	4.0	U	ug/L	40	4.0	78-87-5
1,3-Dichlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	541-73-1
1,4-Dichlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	106-46-7
2-Butanone	11/9/2010	8260B	110	U	ug/L	400	110	78-93-3
2-Hexanone	11/9/2010	8260B	96	U	ug/L	400	96	591-78-6
4-Methyl-2-pentanone	11/9/2010	8260B	110	U	ug/L	400	110	108-10-1
Acetone	11/9/2010	8260B	170	U	ug/L	400	170	67-64-1
Acrolein	11/9/2010	8260B	80	U	ug/L	400	80	107-02-8
Acrylonitrile	11/9/2010	8260B	80	U	ug/L	400	80	107-13-1
Benzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	71-43-2
Bromodichloromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	74-97-5
Bromoform	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-25-2
Bromomethane	11/9/2010	8260B	20	U	ug/L	40	20	74-83-9
Carbon Disulfide	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-15-0
Carbon Tetrachloride	11/9/2010	8260B	8.0	U	ug/L	40	8.0	56-23-5
Chlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	108-90-7
Chloroethane	11/9/2010	8260B	12	U	ug/L	40	12	75-00-3
Chloroform	11/9/2010	8260B	8.0	U	ug/L	40	8.0	67-66-3
Chloromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	74-87-3
cis-1,2-Dichloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	156-59-2
cis-1,3-Dichloropropene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	10061-01-5
Dibromochloromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	124-48-1
Ethylbenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	100-41-4
m/p-Xylene	11/9/2010	8260B	16	U	ug/L	80	16	1330-20-7
Methyl tert-butyl ether	11/9/2010	8260B	20	U	ug/L	80	20	1634-04-4
Methylene Chloride	11/9/2010	8260B	12	U	ug/L	40	12	75-09-2
o-Xylene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	95-47-6

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Lab#: 2010-12742
Sample ID: LAI-MW4-20101027(25)
PDB
Sample Type: Groundwater
Sample Collect Date: 10/27/2010 13:50
Sample Receipt Date: 10/27/2010

Test	Analysis Date	Analytical Method:	Result		Units	PQL	MDL	CAS#
Styrene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	100-42-5
Tetrachloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	127-18-4
Toluene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	108-88-3
trans-1,2-Dichloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	156-60-5
trans-1,3-Dichloropropene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	10061-02-6
Trichloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	79-01-6
Trichlorofluoromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-69-4
Vinyl Acetate	11/9/2010	8260B	8.0	U	ug/L	40	8.0	108-05-4
Vinyl Chloride	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-01-4

Flags:
U: The analyte was not detected at or above the reported value.
UJ: The analyte was not detected at or above the reported estimated result. See QC Report.
NJ: TIC There is evidence the analyte is present. The associated value is an estimate.
J: The analyte was positively identified. The associated value is an estimate. See QC Report.
B: The analyte was detected but is less than the Project Reporting Limit Goal.
R: The value is unusable.

Reviewed By: Greg Perez

Monday, December 20, 2010
Date

City of Tacoma

Environmental Services Laboratory

2201 Portland Avenue Tacoma WA 98421
Phone: 253.591.5588 Fax: 253.502.2170

Lab#: 2010-12743
Sample ID: **RNS-MW2-20101027(21.5)**
PDB
Sample Type: Groundwater
Sample Collect Date: 10/27/2010 14:30
Sample Receipt Date: 10/27/2010

Test	Analysis Date	Analytical Method:	Result		Units	PQL	MDL	CAS#
VOA								
1,1,1-Trichloroethane	11/9/2010	8260B	4.0	U	ug/L	40	4.0	71-55-6
1,1,2,2-Tetrachloroethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	79-34-5
1,1,2-Trichloroethane	11/9/2010	8260B	20	U	ug/L	80	20	79-00-5
1,1-Dichloroethane	11/9/2010	8260B	4.0	U	ug/L	40	4.0	75-34-3
1,1-Dichloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-35-4
1,2-Dibromoethane	11/9/2010	8260B	20	U	ug/L	80	20	74-95-3
1,2-Dichlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	95-50-1
1,2-Dichloroethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	107-06-2
1,2-Dichloropropane	11/9/2010	8260B	4.0	U	ug/L	40	4.0	78-87-5
1,3-Dichlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	541-73-1
1,4-Dichlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	106-46-7
2-Butanone	11/9/2010	8260B	110	U	ug/L	400	110	78-93-3
2-Hexanone	11/9/2010	8260B	96	U	ug/L	400	96	591-78-6
4-Methyl-2-pentanone	11/9/2010	8260B	110	U	ug/L	400	110	108-10-1
Acetone	11/9/2010	8260B	100	U	ug/L	400	100	67-64-1
Acrolein	11/9/2010	8260B	80	U	ug/L	400	80	107-02-8
Acrylonitrile	11/9/2010	8260B	80	U	ug/L	400	80	107-13-1
Benzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	71-43-2
Bromodichloromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	74-97-5
Bromoform	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-25-2
Bromomethane	11/9/2010	8260B	20	U	ug/L	40	20	74-83-9
Carbon Disulfide	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-15-0
Carbon Tetrachloride	11/9/2010	8260B	8.0	U	ug/L	40	8.0	56-23-5
Chlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	108-90-7
Chloroethane	11/9/2010	8260B	12	U	ug/L	40	12	75-00-3
Chloroform	11/9/2010	8260B	8.0	U	ug/L	40	8.0	67-66-3
Chloromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	74-87-3
cis-1,2-Dichloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	156-59-2
cis-1,3-Dichloropropene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	10061-01-5
Dibromochloromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	124-48-1
Ethylbenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	100-41-4
m/p-Xylene	11/9/2010	8260B	16	U	ug/L	80	16	1330-20-7
Methyl tert-butyl ether	11/9/2010	8260B	20	U	ug/L	80	20	1634-04-4
Methylene Chloride	11/9/2010	8260B	13	J	ug/L	40	12	75-09-2
o-Xylene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	95-47-6

City of Tacoma

Environmental Services Laboratory

2201 Portland Avenue Tacoma WA 98421
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Lab#: 2010-12743
Sample ID: **RNS-MW2-20101027(21.5)**
PDB
Sample Type: Groundwater
Sample Collect Date: 10/27/2010 14:30
Sample Receipt Date: 10/27/2010

Test	Analysis Date	Analytical Method:	Result		Units	PQL	MDL	CAS#
Styrene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	100-42-5
Tetrachloroethene	11/9/2010	8260B	20	J	ug/L	40	8.0	127-18-4
Toluene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	108-88-3
trans-1,2-Dichloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	156-60-5
trans-1,3-Dichloropropene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	10061-02-6
Trichloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	79-01-6
Trichlorofluoromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-69-4
Vinyl Acetate	11/9/2010	8260B	8.0	U	ug/L	40	8.0	108-05-4
Vinyl Chloride	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-01-4

Flags: U: The analyte was not detected at or above the reported value.
UJ: The analyte was not detected at or above the reported estimated result. See QC Report.
NJ: TIC There is evidence the analyte is present. The associated value is an estimate.
J: The analyte was positively identified. The associated value is an estimate. See QC Report.
B: The analyte was detected but is less than the Project Reporting Limit Goal.
R: The value is unusable.

Monday, December 20, 2010

Reviewed By: Greg Perez **Date**

City of Tacoma

Environmental Services Laboratory

2201 Portland Avenue Tacoma WA 98421
Phone: 253.591.5588 Fax: 253.502.2170

Lab#: 2010-12744
Sample ID: **RNS-MW2-20101027(38.5)**
PDB
Sample Type: Groundwater
Sample Collect Date: 10/27/2010 14:32
Sample Receipt Date: 10/27/2010

Test	Analysis Date	Analytical Method:	Result		Units	PQL	MDL	CAS#
VOA								
1,1,1-Trichloroethane	11/9/2010	8260B	4.0	U	ug/L	40	4.0	71-55-6
1,1,2,2-Tetrachloroethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	79-34-5
1,1,2-Trichloroethane	11/9/2010	8260B	20	U	ug/L	80	20	79-00-5
1,1-Dichloroethane	11/9/2010	8260B	4.0	U	ug/L	40	4.0	75-34-3
1,1-Dichloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-35-4
1,2-Dibromoethane	11/9/2010	8260B	20	U	ug/L	80	20	74-95-3
1,2-Dichlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	95-50-1
1,2-Dichloroethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	107-06-2
1,2-Dichloropropane	11/9/2010	8260B	4.0	U	ug/L	40	4.0	78-87-5
1,3-Dichlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	541-73-1
1,4-Dichlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	106-46-7
2-Butanone	11/9/2010	8260B	110	U	ug/L	400	110	78-93-3
2-Hexanone	11/9/2010	8260B	96	U	ug/L	400	96	591-78-6
4-Methyl-2-pentanone	11/9/2010	8260B	110	U	ug/L	400	110	108-10-1
Acetone	11/9/2010	8260B	110	U	ug/L	400	110	67-64-1
Acrolein	11/9/2010	8260B	80	U	ug/L	400	80	107-02-8
Acrylonitrile	11/9/2010	8260B	80	U	ug/L	400	80	107-13-1
Benzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	71-43-2
Bromodichloromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	74-97-5
Bromoform	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-25-2
Bromomethane	11/9/2010	8260B	20	U	ug/L	40	20	74-83-9
Carbon Disulfide	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-15-0
Carbon Tetrachloride	11/9/2010	8260B	8.0	U	ug/L	40	8.0	56-23-5
Chlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	108-90-7
Chloroethane	11/9/2010	8260B	12	U	ug/L	40	12	75-00-3
Chloroform	11/9/2010	8260B	8.0	U	ug/L	40	8.0	67-66-3
Chloromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	74-87-3
cis-1,2-Dichloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	156-59-2
cis-1,3-Dichloropropene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	10061-01-5
Dibromochloromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	124-48-1
Ethylbenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	100-41-4
m/p-Xylene	11/9/2010	8260B	16	U	ug/L	80	16	1330-20-7
Methyl tert-butyl ether	11/9/2010	8260B	20	U	ug/L	80	20	1634-04-4
Methylene Chloride	11/9/2010	8260B	14	J	ug/L	40	12	75-09-2
o-Xylene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	95-47-6

City of Tacoma

Environmental Services Laboratory

2201 Portland Avenue Tacoma WA 98421
Phone: 253.591.5588 Fax: 253.502.2170

Lab#: 2010-12744
Sample ID: **RNS-MW2-20101027(38.5)**
PDB
Sample Type: Groundwater
Sample Collect Date: 10/27/2010 14:32
Sample Receipt Date: 10/27/2010

Test	Analysis Date	Analytical Method:	Result		Units	PQL	MDL	CAS#
Styrene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	100-42-5
Tetrachloroethene	11/9/2010	8260B	16	J	ug/L	40	8.0	127-18-4
Toluene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	108-88-3
trans-1,2-Dichloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	156-60-5
trans-1,3-Dichloropropene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	10061-02-6
Trichloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	79-01-6
Trichlorofluoromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-69-4
Vinyl Acetate	11/9/2010	8260B	8.0	U	ug/L	40	8.0	108-05-4
Vinyl Chloride	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-01-4

Flags:
U: The analyte was not detected at or above the reported value.
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NJ: TIC There is evidence the analyte is present. The associated value is an estimate.
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B: The analyte was detected but is less than the Project Reporting Limit Goal.
R: The value is unusable.

Monday, December 20, 2010

Reviewed By: Greg Perez **Date**

City of Tacoma

Environmental Services Laboratory

2201 Portland Avenue Tacoma WA 98421
Phone: 253.591.5588 Fax: 253.502.2170

Lab#: 2010-12745
Sample ID: **RNS-MW6-20101027(42.5)**
PDB
Sample Type: Groundwater
Sample Collect Date: 10/27/2010 14:55
Sample Receipt Date: 10/27/2010

Test	Analysis Date	Analytical Method:	Result		Units	PQL	MDL	CAS#
VOA								
1,1,1-Trichloroethane	11/9/2010	8260B	4.0	U	ug/L	40	4.0	71-55-6
1,1,2,2-Tetrachloroethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	79-34-5
1,1,2-Trichloroethane	11/9/2010	8260B	20	U	ug/L	80	20	79-00-5
1,1-Dichloroethane	11/9/2010	8260B	4.0	U	ug/L	40	4.0	75-34-3
1,1-Dichloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-35-4
1,2-Dibromoethane	11/9/2010	8260B	20	U	ug/L	80	20	74-95-3
1,2-Dichlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	95-50-1
1,2-Dichloroethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	107-06-2
1,2-Dichloropropane	11/9/2010	8260B	4.0	U	ug/L	40	4.0	78-87-5
1,3-Dichlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	541-73-1
1,4-Dichlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	106-46-7
2-Butanone	11/9/2010	8260B	110	U	ug/L	400	110	78-93-3
2-Hexanone	11/9/2010	8260B	96	U	ug/L	400	96	591-78-6
4-Methyl-2-pentanone	11/9/2010	8260B	110	U	ug/L	400	110	108-10-1
Acetone	11/9/2010	8260B	210	U	ug/L	400	210	67-64-1
Acrolein	11/9/2010	8260B	80	U	ug/L	400	80	107-02-8
Acrylonitrile	11/9/2010	8260B	80	U	ug/L	400	80	107-13-1
Benzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	71-43-2
Bromodichloromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	74-97-5
Bromoform	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-25-2
Bromomethane	11/9/2010	8260B	20	U	ug/L	40	20	74-83-9
Carbon Disulfide	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-15-0
Carbon Tetrachloride	11/9/2010	8260B	8.0	U	ug/L	40	8.0	56-23-5
Chlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	108-90-7
Chloroethane	11/9/2010	8260B	12	U	ug/L	40	12	75-00-3
Chloroform	11/9/2010	8260B	8.0	U	ug/L	40	8.0	67-66-3
Chloromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	74-87-3
cis-1,2-Dichloroethene	11/9/2010	8260B	90		ug/L	40	8.0	156-59-2
cis-1,3-Dichloropropene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	10061-01-5
Dibromochloromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	124-48-1
Ethylbenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	100-41-4
m/p-Xylene	11/9/2010	8260B	16	U	ug/L	80	16	1330-20-7
Methyl tert-butyl ether	11/9/2010	8260B	20	U	ug/L	80	20	1634-04-4
Methylene Chloride	11/9/2010	8260B	12	J	ug/L	40	12	75-09-2
o-Xylene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	95-47-6

City of Tacoma

Environmental Services Laboratory

2201 Portland Avenue Tacoma WA 98421
Phone: 253.591.5588 Fax: 253.502.2170

Lab#: 2010-12745
Sample ID: **RNS-MW6-20101027(42.5)**
PDB
Sample Type: Groundwater
Sample Collect Date: 10/27/2010 14:55
Sample Receipt Date: 10/27/2010

Test	Analysis Date	Analytical Method:	Result		Units	PQL	MDL	CAS#
Styrene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	100-42-5
Tetrachloroethene	11/9/2010	8260B	**890**		ug/L	40	8.0	127-18-4
Toluene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	108-88-3
trans-1,2-Dichloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	156-60-5
trans-1,3-Dichloropropene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	10061-02-6
Trichloroethene	11/9/2010	8260B	**160**		ug/L	40	8.0	79-01-6
Trichlorofluoromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-69-4
Vinyl Acetate	11/9/2010	8260B	8.0	U	ug/L	40	8.0	108-05-4
Vinyl Chloride	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-01-4

Flags: U: The analyte was not detected at or above the reported value.
UJ: The analyte was not detected at or above the reported estimated result. See QC Report.
NJ: TIC There is evidence the analyte is present. The associated value is an estimate.
J: The analyte was positively identified. The associated value is an estimate. See QC Report.
B: The analyte was detected but is less than the Project Reporting Limit Goal.
R: The value is unusable.

Reviewed By: Greg Perez

Monday, December 20, 2010
Date

City of Tacoma

Environmental Services Laboratory

2201 Portland Avenue Tacoma WA 98421
Phone: 253.591.5588 Fax: 253.502.2170

Lab#: 2010-12746
Sample ID: **RNS-MW6-20101027(52.5)**
PDB
Sample Type: Groundwater
Sample Collect Date: 10/27/2010 14:57
Sample Receipt Date: 10/27/2010

Test	Analysis Date	Analytical Method:	Result		Units	PQL	MDL	CAS#
VOA								
1,1,1-Trichloroethane	11/9/2010	8260B	4.0	U	ug/L	40	4.0	71-55-6
1,1,2,2-Tetrachloroethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	79-34-5
1,1,2-Trichloroethane	11/9/2010	8260B	20	U	ug/L	80	20	79-00-5
1,1-Dichloroethane	11/9/2010	8260B	4.0	U	ug/L	40	4.0	75-34-3
1,1-Dichloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-35-4
1,2-Dibromoethane	11/9/2010	8260B	20	U	ug/L	80	20	74-95-3
1,2-Dichlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	95-50-1
1,2-Dichloroethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	107-06-2
1,2-Dichloropropane	11/9/2010	8260B	4.0	U	ug/L	40	4.0	78-87-5
1,3-Dichlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	541-73-1
1,4-Dichlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	106-46-7
2-Butanone	11/9/2010	8260B	110	U	ug/L	400	110	78-93-3
2-Hexanone	11/9/2010	8260B	96	U	ug/L	400	96	591-78-6
4-Methyl-2-pentanone	11/9/2010	8260B	110	U	ug/L	400	110	108-10-1
Acetone	11/9/2010	8260B	200	U	ug/L	400	200	67-64-1
Acrolein	11/9/2010	8260B	80	U	ug/L	400	80	107-02-8
Acrylonitrile	11/9/2010	8260B	80	U	ug/L	400	80	107-13-1
Benzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	71-43-2
Bromodichloromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	74-97-5
Bromoform	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-25-2
Bromomethane	11/9/2010	8260B	20	U	ug/L	40	20	74-83-9
Carbon Disulfide	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-15-0
Carbon Tetrachloride	11/9/2010	8260B	8.0	U	ug/L	40	8.0	56-23-5
Chlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	108-90-7
Chloroethane	11/9/2010	8260B	12	U	ug/L	40	12	75-00-3
Chloroform	11/9/2010	8260B	8.0	U	ug/L	40	8.0	67-66-3
Chloromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	74-87-3
cis-1,2-Dichloroethene	11/9/2010	8260B	**140**		ug/L	40	8.0	156-59-2
cis-1,3-Dichloropropene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	10061-01-5
Dibromochloromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	124-48-1
Ethylbenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	100-41-4
m/p-Xylene	11/9/2010	8260B	16	U	ug/L	80	16	1330-20-7
Methyl tert-butyl ether	11/9/2010	8260B	20	U	ug/L	80	20	1634-04-4
Methylene Chloride	11/9/2010	8260B	14	J	ug/L	40	12	75-09-2
o-Xylene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	95-47-6

City of Tacoma

Environmental Services Laboratory

2201 Portland Avenue Tacoma WA 98421
Phone: 253.591.5588 Fax: 253.502.2170

Lab#: 2010-12746
Sample ID: **RNS-MW6-20101027(52.5)**
PDB
Sample Type: Groundwater
Sample Collect Date: 10/27/2010 14:57
Sample Receipt Date: 10/27/2010

Test	Analysis Date	Analytical Method:	Result		Units	PQL	MDL	CAS#
Styrene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	100-42-5
Tetrachloroethene	11/9/2010	8260B	**530**		ug/L	40	8.0	127-18-4
Toluene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	108-88-3
trans-1,2-Dichloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	156-60-5
trans-1,3-Dichloropropene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	10061-02-6
Trichloroethene	11/9/2010	8260B	**120**		ug/L	40	8.0	79-01-6
Trichlorofluoromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-69-4
Vinyl Acetate	11/9/2010	8260B	8.0	U	ug/L	40	8.0	108-05-4
Vinyl Chloride	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-01-4

Flags: U: The analyte was not detected at or above the reported value.
UJ: The analyte was not detected at or above the reported estimated result. See QC Report.
NJ: TIC There is evidence the analyte is present. The associated value is an estimate.
J: The analyte was positively identified. The associated value is an estimate. See QC Report.
B: The analyte was detected but is less than the Project Reporting Limit Goal.
R: The value is unusable.

Monday, December 20, 2010

Reviewed By: Greg Perez **Date**

City of Tacoma

Environmental Services Laboratory

2201 Portland Avenue Tacoma WA 98421
Phone: 253.591.5588 Fax: 253.502.2170

Lab#: 2010-12747
Sample ID: **MW-999-20101027(25)**
PDB or PUMP
Sample Type: Groundwater
Sample Collect Date: 10/27/2010 13:50
Sample Receipt Date: 10/27/2010

Test	Analysis Date	Analytical Method:	Result		Units	PQL	MDL	CAS#
VOA								
1,1,1-Trichloroethane	11/9/2010	8260B	4.0	U	ug/L	40	4.0	71-55-6
1,1,2,2-Tetrachloroethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	79-34-5
1,1,2-Trichloroethane	11/9/2010	8260B	20	U	ug/L	80	20	79-00-5
1,1-Dichloroethane	11/9/2010	8260B	4.0	U	ug/L	40	4.0	75-34-3
1,1-Dichloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-35-4
1,2-Dibromoethane	11/9/2010	8260B	20	U	ug/L	80	20	74-95-3
1,2-Dichlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	95-50-1
1,2-Dichloroethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	107-06-2
1,2-Dichloropropane	11/9/2010	8260B	4.0	U	ug/L	40	4.0	78-87-5
1,3-Dichlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	541-73-1
1,4-Dichlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	106-46-7
2-Butanone	11/9/2010	8260B	110	U	ug/L	400	110	78-93-3
2-Hexanone	11/9/2010	8260B	96	U	ug/L	400	96	591-78-6
4-Methyl-2-pentanone	11/9/2010	8260B	110	U	ug/L	400	110	108-10-1
Acetone	11/9/2010	8260B	200	U	ug/L	400	200	67-64-1
Acrolein	11/9/2010	8260B	80	U	ug/L	400	80	107-02-8
Acrylonitrile	11/9/2010	8260B	80	U	ug/L	400	80	107-13-1
Benzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	71-43-2
Bromodichloromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	74-97-5
Bromoform	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-25-2
Bromomethane	11/9/2010	8260B	20	U	ug/L	40	20	74-83-9
Carbon Disulfide	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-15-0
Carbon Tetrachloride	11/9/2010	8260B	8.0	U	ug/L	40	8.0	56-23-5
Chlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	108-90-7
Chloroethane	11/9/2010	8260B	12	U	ug/L	40	12	75-00-3
Chloroform	11/9/2010	8260B	8.0	U	ug/L	40	8.0	67-66-3
Chloromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	74-87-3
cis-1,2-Dichloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	156-59-2
cis-1,3-Dichloropropene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	10061-01-5
Dibromochloromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	124-48-1
Ethylbenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	100-41-4
m/p-Xylene	11/9/2010	8260B	16	U	ug/L	80	16	1330-20-7
Methyl tert-butyl ether	11/9/2010	8260B	20	U	ug/L	80	20	1634-04-4
Methylene Chloride	11/9/2010	8260B	12	U	ug/L	40	12	75-09-2
o-Xylene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	95-47-6

City of Tacoma

Environmental Services Laboratory

2201 Portland Avenue Tacoma WA 98421
Phone: 253.591.5588 Fax: 253.502.2170

Lab#: 2010-12747
Sample ID: **MW-999-20101027(25)**
PDB or PUMP
Sample Type: Groundwater
Sample Collect Date: 10/27/2010 13:50
Sample Receipt Date: 10/27/2010

Test	Analysis Date	Analytical Method:	Result		Units	PQL	MDL	CAS#
Styrene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	100-42-5
Tetrachloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	127-18-4
Toluene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	108-88-3
trans-1,2-Dichloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	156-60-5
trans-1,3-Dichloropropene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	10061-02-6
Trichloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	79-01-6
Trichlorofluoromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-69-4
Vinyl Acetate	11/9/2010	8260B	8.0	U	ug/L	40	8.0	108-05-4
Vinyl Chloride	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-01-4

Flags:
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- NJ: TIC There is evidence the analyte is present. The associated value is an estimate.
- J: The analyte was positively identified. The associated value is an estimate. See QC Report.
- B: The analyte was detected but is less than the Project Reporting Limit Goal.
- R: The value is unusable.

Monday, December 20, 2010

Reviewed By: Greg Perez **Date**

City of Tacoma

Environmental Services Laboratory

2201 Portland Avenue Tacoma WA 98421
Phone: 253.591.5588 Fax: 253 502.2170

Lab#: 2010-12748
Sample ID: **Trip Blank**
DI Water
Sample Type: Groundwater
Sample Collect Date: 10/27/2010 13:00
Sample Receipt Date: 10/27/2010

Test	Analysis Date	Analytical Method:	Result		Units	PQL	MDL	CAS#
VOA								
1,1,1-Trichloroethane	11/9/2010	8260B	0.1	U	ug/L	1.0	0.1	71-55-6
1,1,2,2-Tetrachloroethane	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	79-34-5
1,1,2-Trichloroethane	11/9/2010	8260B	0.5	U	ug/L	2.0	0.5	79-00-5
1,1-Dichloroethane	11/9/2010	8260B	0.1	U	ug/L	1.0	0.1	75-34-3
1,1-Dichloroethene	11/9/2010	8260B	0.3	J	ug/L	1.0	0.2	75-35-4
1,2-Dibromoethane	11/9/2010	8260B	0.5	U	ug/L	2.0	0.5	74-95-3
1,2-Dichlorobenzene	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	95-50-1
1,2-Dichloroethane	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	107-06-2
1,2-Dichloropropane	11/9/2010	8260B	0.1	U	ug/L	1.0	0.1	78-87-5
1,3-Dichlorobenzene	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	541-73-1
1,4-Dichlorobenzene	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	106-46-7
2-Butanone	11/9/2010	8260B	2.7	U	ug/L	10	2.7	78-93-3
2-Hexanone	11/9/2010	8260B	2.4	U	ug/L	10	2.4	591-78-6
4-Methyl-2-pentanone	11/9/2010	8260B	2.8	U	ug/L	10	2.8	108-10-1
Acetone	11/9/2010	8260B	3.4	U	ug/L	10	3.4	67-64-1
Acrolein	11/9/2010	8260B	2.0	U	ug/L	10	2.0	107-02-8
Acrylonitrile	11/9/2010	8260B	2.0	U	ug/L	10	2.0	107-13-1
Benzene	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	71-43-2
Bromodichloromethane	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	74-97-5
Bromoform	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	75-25-2
Bromomethane	11/9/2010	8260B	0.8	J	ug/L	1.0	0.5	74-83-9
Carbon Disulfide	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	75-15-0
Carbon Tetrachloride	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	56-23-5
Chlorobenzene	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	108-90-7
Chloroethane	11/9/2010	8260B	0.3	U	ug/L	1.0	0.3	75-00-3
Chloroform	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	67-66-3
Chloromethane	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	74-87-3
cis-1,2-Dichloroethene	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	156-59-2
cis-1,3-Dichloropropene	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	10061-01-5
Dibromochloromethane	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	124-48-1
Ethylbenzene	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	100-41-4
m/p-Xylene	11/9/2010	8260B	0.4	U	ug/L	2.0	0.4	1330-20-7
Methyl tert-butyl ether	11/9/2010	8260B	0.5	U	ug/L	2.0	0.5	1634-04-4
Methylene Chloride	11/9/2010	8260B	0.3	U	ug/L	1.0	0.3	75-09-2
o-Xylene	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	95-47-6

City of Tacoma

Environmental Services Laboratory

2201 Portland Avenue Tacoma WA 98421
Phone: 253.591.5588 Fax: 253.502.2170

Lab#: 2010-12748
Sample ID: **Trip Blank**
DI Water
Sample Type: Groundwater
Sample Collect Date: 10/27/2010 13:00
Sample Receipt Date: 10/27/2010

Test	Analysis Date	Analytical Method:	Result		Units	PQL	MDL	CAS#
Styrene	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	100-42-5
Tetrachloroethene	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	127-18-4
Toluene	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	108-88-3
trans-1,2-Dichloroethene	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	156-60-5
trans-1,3-Dichloropropene	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	10061-02-6
Trichloroethene	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	79-01-6
Trichlorofluoromethane	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	75-69-4
Vinyl Acetate	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	108-05-4
Vinyl Chloride	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	75-01-4

Flags:
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Monday, December 20, 2010

Reviewed By: Greg Perez **Date**

City of Tacoma

Environmental Services Laboratory

2201 Portland Avenue Tacoma WA 98421
Phone: 253.591.5588 Fax: 253.502.2170

Lab#: 2010-13068
Sample ID: MWI-PP-20101103
PUMP
Sample Type: Groundwater
Sample Collect Date: 11/3/2010 15:40
Sample Receipt Date: 11/3/2010

Test	Analysis Date	Analytical Method:	Result		Units	PQL	MDL	CAS#
VOA								
1,1,1-Trichloroethane	11/9/2010	8260B	4.0	U	ug/L	40	4.0	71-55-6
1,1,2,2-Tetrachloroethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	79-34-5
1,1,2-Trichloroethane	11/9/2010	8260B	20	U	ug/L	80	20	79-00-5
1,1-Dichloroethane	11/9/2010	8260B	4.0	U	ug/L	40	4.0	75-34-3
1,1-Dichloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-35-4
1,2-Dibromoethane	11/9/2010	8260B	20	U	ug/L	80	20	74-95-3
1,2-Dichlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	95-50-1
1,2-Dichloroethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	107-06-2
1,2-Dichloropropane	11/9/2010	8260B	4.0	U	ug/L	40	4.0	78-87-5
1,3-Dichlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	541-73-1
1,4-Dichlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	106-46-7
2-Butanone	11/9/2010	8260B	110	U	ug/L	400	110	78-93-3
2-Hexanone	11/9/2010	8260B	96	U	ug/L	400	96	591-78-6
4-Methyl-2-pentanone	11/9/2010	8260B	110	U	ug/L	400	110	108-10-1
Acetone	11/9/2010	8260B	96	U	ug/L	400	96	67-64-1
Acrolein	11/9/2010	8260B	80	U	ug/L	400	80	107-02-8
Acrylonitrile	11/9/2010	8260B	80	U	ug/L	400	80	107-13-1
Benzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	71-43-2
Bromodichloromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	74-97-5
Bromoform	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-25-2
Bromomethane	11/9/2010	8260B	20	U	ug/L	40	20	74-83-9
Carbon Disulfide	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-15-0
Carbon Tetrachloride	11/9/2010	8260B	8.0	U	ug/L	40	8.0	56-23-5
Chlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	108-90-7
Chloroethane	11/9/2010	8260B	12	U	ug/L	40	12	75-00-3
Chloroform	11/9/2010	8260B	8.0	U	ug/L	40	8.0	67-66-3
Chloromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	74-87-3
cis-1,2-Dichloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	156-59-2
cis-1,3-Dichloropropene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	10061-01-5
Dibromochloromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	124-48-1
Ethylbenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	100-41-4
m/p-Xylene	11/9/2010	8260B	16	U	ug/L	80	16	1330-20-7
Methyl tert-butyl ether	11/9/2010	8260B	20	U	ug/L	80	20	1634-04-4
Methylene Chloride	11/9/2010	8260B	12	U	ug/L	40	12	75-09-2
o-Xylene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	95-47-6

City of Tacoma

Environmental Services Laboratory

2201 Portland Avenue Tacoma WA 98421
Phone 253.591.5588 Fax: 253.502.2170

Lab#: 2010-13068
Sample ID: **MW1-PP-20101103**
PUMP
Sample Type: Groundwater
Sample Collect Date: 11/3/2010 15:40
Sample Receipt Date: 11/3/2010

Test	Analysis Date	Analytical Method:	Result		Units	PQL	MDL	CAS#
Styrene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	100-42-5
Tetrachloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	127-18-4
Toluene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	108-88-3
trans-1,2-Dichloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	156-60-5
trans-1,3-Dichloropropene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	10061-02-6
Trichloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	79-01-6
Trichlorofluoromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-69-4
Vinyl Acetate	11/9/2010	8260B	8.0	U	ug/L	40	8.0	108-05-4
Vinyl Chloride	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-01-4

Flags: U: The analyte was not detected at or above the reported value.
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B: The analyte was detected but is less than the Project Reporting Limit Goal.
R: The value is unusable.

Monday, December 20, 2010

Reviewed By: Greg Perez **Date**

City of Tacoma

Environmental Services Laboratory

2201 Portland Avenue Tacoma WA 98421
Phone: 253.591.5588 Fax: 253.502.2170

Lab#: 2010-13069
Sample ID: **MW2-PP-20101103**
PUMP
Sample Type: Groundwater
Sample Collect Date: 11/3/2010 15:15
Sample Receipt Date: 11/3/2010

Test	Analysis Date	Analytical Method:	Result		Units	PQL	MDL	CAS#
VOA								
1,1,1-Trichloroethane	11/9/2010	8260B	4.0	U	ug/L	40	4.0	71-55-6
1,1,2,2-Tetrachloroethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	79-34-5
1,1,2-Trichloroethane	11/9/2010	8260B	20	U	ug/L	80	20	79-00-5
1,1-Dichloroethane	11/9/2010	8260B	4.0	U	ug/L	40	4.0	75-34-3
1,1-Dichloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-35-4
1,2-Dibromoethane	11/9/2010	8260B	20	U	ug/L	80	20	74-95-3
1,2-Dichlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	95-50-1
1,2-Dichloroethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	107-06-2
1,2-Dichloropropane	11/9/2010	8260B	4.0	U	ug/L	40	4.0	78-87-5
1,3-Dichlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	541-73-1
1,4-Dichlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	106-46-7
2-Butanone	11/9/2010	8260B	110	U	ug/L	400	110	78-93-3
2-Hexanone	11/9/2010	8260B	96	U	ug/L	400	96	591-78-6
4-Methyl-2-pentanone	11/9/2010	8260B	110	U	ug/L	400	110	108-10-1
Acetone	11/9/2010	8260B	81	U	ug/L	400	81	67-64-1
Acrolein	11/9/2010	8260B	80	U	ug/L	400	80	107-02-8
Acrylonitrile	11/9/2010	8260B	80	U	ug/L	400	80	107-13-1
Benzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	71-43-2
Bromodichloromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	74-97-5
Bromoform	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-25-2
Bromomethane	11/9/2010	8260B	20	U	ug/L	40	20	74-83-9
Carbon Disulfide	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-15-0
Carbon Tetrachloride	11/9/2010	8260B	8.0	U	ug/L	40	8.0	56-23-5
Chlorobenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	108-90-7
Chloroethane	11/9/2010	8260B	12	U	ug/L	40	12	75-00-3
Chloroform	11/9/2010	8260B	8.0	U	ug/L	40	8.0	67-66-3
Chloromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	74-87-3
cis-1,2-Dichloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	156-59-2
cis-1,3-Dichloropropene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	10061-01-5
Dibromochloromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	124-48-1
Ethylbenzene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	100-41-4
m/p-Xylene	11/9/2010	8260B	16	U	ug/L	80	16	1330-20-7
Methyl tert-butyl ether	11/9/2010	8260B	20	U	ug/L	80	20	1634-04-4
Methylene Chloride	11/9/2010	8260B	15	J	ug/L	40	12	75-09-2
o-Xylene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	95-47-6

City of Tacoma

Environmental Services Laboratory

2201 Portland Avenue Tacoma WA 98421
Phone: 253.591.5588 Fax: 253.502.2170

Lab#: 2010-13069
Sample ID: **MW2-PP-20101103**
PUMP
Sample Type: Groundwater
Sample Collect Date: 11/3/2010 15:15
Sample Receipt Date: 11/3/2010

Test	Analysis Date	Analytical Method:	Result		Units	PQL	MDL	CAS#
Styrene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	100-42-5
Tetrachloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	127-18-4
Toluene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	108-88-3
trans-1,2-Dichloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	156-60-5
trans-1,3-Dichloropropene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	10061-02-6
Trichloroethene	11/9/2010	8260B	8.0	U	ug/L	40	8.0	79-01-6
Trichlorofluoromethane	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-69-4
Vinyl Acetate	11/9/2010	8260B	8.0	U	ug/L	40	8.0	108-05-4
Vinyl Chloride	11/9/2010	8260B	8.0	U	ug/L	40	8.0	75-01-4

Flags: U: The analyte was not detected at or above the reported value.
UJ: The analyte was not detected at or above the reported estimated result. See QC Report.
NJ: TIC There is evidence the analyte is present. The associated value is an estimate.
J: The analyte was positively identified. The associated value is an estimate. See QC Report.
B: The analyte was detected but is less than the Project Reporting Limit Goal.
R: The value is unusable.

Monday, December 20, 2010

Reviewed By: Greg Perez **Date**

City of Tacoma

Environmental Services Laboratory

2201 Portland Avenue Tacoma WA 98421
Phone: 253.591.5588 Fax: 253.502.2170

Lab#: 2010-13070
Sample ID: **Trip Blank**
PUMP
Sample Type: Groundwater
Sample Collect Date: 11/3/2010 15:00
Sample Receipt Date: 11/3/2010

Test	Analysis Date	Analytical Method:	Result		Units	PQL	MDL	CAS#
VOA								
1,1,1-Trichloroethane	11/9/2010	8260B	0.1	U	ug/L	1.0	0.1	71-55-6
1,1,2,2-Tetrachloroethane	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	79-34-5
1,1,2-Trichloroethane	11/9/2010	8260B	0.5	U	ug/L	2.0	0.5	79-00-5
1,1-Dichloroethane	11/9/2010	8260B	0.1	U	ug/L	1.0	0.1	75-34-3
1,1-Dichloroethene	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	75-35-4
1,2-Dibromoethane	11/9/2010	8260B	0.5	U	ug/L	2.0	0.5	74-95-3
1,2-Dichlorobenzene	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	95-50-1
1,2-Dichloroethane	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	107-06-2
1,2-Dichloropropane	11/9/2010	8260B	0.1	U	ug/L	1.0	0.1	78-87-5
1,3-Dichlorobenzene	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	541-73-1
1,4-Dichlorobenzene	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	106-46-7
2-Butanone	11/9/2010	8260B	2.7	U	ug/L	10	2.7	78-93-3
2-Hexanone	11/9/2010	8260B	2.4	U	ug/L	10	2.4	591-78-6
4-Methyl-2-pentanone	11/9/2010	8260B	2.8	U	ug/L	10	2.8	108-10-1
Acetone	11/9/2010	8260B	2.8	U	ug/L	10	2.8	67-64-1
Acrolein	11/9/2010	8260B	2.0	U	ug/L	10	2.0	107-02-8
Acrylonitrile	11/9/2010	8260B	2.0	U	ug/L	10	2.0	107-13-1
Benzene	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	71-43-2
Bromodichloromethane	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	74-97-5
Bromoform	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	75-25-2
Bromomethane	11/9/2010	8260B	0.6	J	ug/L	1.0	0.5	74-83-9
Carbon Disulfide	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	75-15-0
Carbon Tetrachloride	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	56-23-5
Chlorobenzene	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	108-90-7
Chloroethane	11/9/2010	8260B	0.3	U	ug/L	1.0	0.3	75-00-3
Chloroform	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	67-66-3
Chloromethane	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	74-87-3
cis-1,2-Dichloroethene	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	156-59-2
cis-1,3-Dichloropropene	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	10061-01-5
Dibromochloromethane	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	124-48-1
Ethylbenzene	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	100-41-4
m/p-Xylene	11/9/2010	8260B	0.4	U	ug/L	2.0	0.4	1330-20-7
Methyl tert-butyl ether	11/9/2010	8260B	0.5	U	ug/L	2.0	0.5	1634-04-4
Methylene Chloride	11/9/2010	8260B	0.3	U	ug/L	1.0	0.3	75-09-2
o-Xylene	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	95-47-6

City of Tacoma

Environmental Services Laboratory

2201 Portland Avenue Tacoma WA 98421
Phone: 253.591.5588 Fax: 253.502.2170

Lab#: 2010-13070
Sample ID: **Trip Blank**
PUMP
Sample Type: Groundwater
Sample Collect Date: 11/3/2010 15:00
Sample Receipt Date: 11/3/2010

Test	Analysis Date	Analytical Method:	Result		Units	PQL	MDL	CAS#
Styrene	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	100-42-5
Tetrachloroethene	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	127-18-4
Toluene	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	108-88-3
trans-1,2-Dichloroethene	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	156-60-5
trans-1,3-Dichloropropene	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	10061-02-6
Trichloroethene	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	79-01-6
Trichlorofluoromethane	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	75-69-4
Vinyl Acetate	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	108-05-4
Vinyl Chloride	11/9/2010	8260B	0.2	U	ug/L	1.0	0.2	75-01-4

Flags:
- U: The analyte was not detected at or above the reported value.
- UJ: The analyte was not detected at or above the reported estimated result. See QC Report.
- NJ: TIC There is evidence the analyte is present. The associated value is an estimate.
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Reviewed By: Greg Perez

Monday, December 20, 2010
Date

City of Tacoma

Environmental Services Laboratory

2201 Portland Avenue Tacoma WA 98421
Phone: 253.591.5588 Fax: 253.502.2170

Lab#: 2010-15065
Sample ID: **MW1-PP-20101102**
PUMP
Sample Type: Groundwater
Sample Collect Date: 11/2/2010 14:55
Sample Receipt Date: 12/15/2010

Test	Analysis Date	Analytical Method:	Result	Units	PQL	MDL	CAS#
FIELD							
Water Level	11/2/2010		**17.88**	Feet	0.01	0.01	

Flags:
U: The analyte was not detected at or above the reported value.
UJ: The analyte was not detected at or above the reported estimated result. See QC Report.
NJ: TIC There is evidence the analyte is present. The associated value is an estimate.
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R: The value is unusable.

Monday, December 20, 2010

Reviewed By: Greg Perez **Date**

City of Tacoma

Environmental Services Laboratory

2201 Portland Avenue Tacoma WA 98421
Phone: 253.591.5588 Fax: 253.502.2170

Lab#: 2010-15066
Sample ID: **MW2-PP-20101102**
PUMP
Sample Type: Groundwater
Sample Collect Date: 11/2/2010 14:50
Sample Receipt Date: 12/15/2010

Test	Analysis Date	Analytical Method:	Result	Units	PQL	MDL	CAS#
FIELD							
Water Level	11/2/2010		**16.82**	Feet	0.01	0.01	

Flags:
- U: The analyte was not detected at or above the reported value.
- UJ: The analyte was not detected at or above the reported estimated result. See QC Report.
- NJ: TIC There is evidence the analyte is present. The associated value is an estimate.
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Monday, December 20, 2010

Reviewed By: Greg Perez **Date**

City of Tacoma

Environmental Services Laboratory

2201 Portland Avenue Tacoma WA 98421
Phone: 253.591.5588 Fax: 253.502.2170

Lab#: 2010-15067
Sample ID: **MW13-20101102(51.5)**
PDB
Sample Type: Groundwater
Sample Collect Date: 11/2/2010 15:04
Sample Receipt Date: 12/15/2010

Test	Analysis Date	Analytical Method:	Result	Units	PQL	MDL	CAS#
FIELD							
Water Level	11/2/2010		**39.42**	Feet	0.01	0.01	

Flags:
- U: The analyte was not detected at or above the reported value.
- UJ: The analyte was not detected at or above the reported estimated result. See QC Report.
- NJ: TIC There is evidence the analyte is present. The associated value is an estimate.
- J: The analyte was positively identified. The associated value is an estimate. See QC Report.
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- R: The value is unusable.

Monday, December 20, 2010

Reviewed By: Greg Perez **Date**

City of Tacoma

Environmental Services Laboratory

2201 Portland Avenue Tacoma WA 98421
Phone: 253.591.5588 Fax: 253.502.2170

Lab#: 2010-15068
Sample ID: **LAI-MW1-20101102(63)**
PDB
Sample Type: Groundwater
Sample Collect Date: 11/2/2010 15:14
Sample Receipt Date: 12/15/2010

Test	Analysis Date	Analytical Method:	Result	Units	PQL	MDL	CAS#
FIELD							
Water Level	11/2/2010		**45.13**	Feet	0.01	0.01	

Flags:
U: The analyte was not detected at or above the reported value.
UJ: The analyte was not detected at or above the reported estimated result. See QC Report.
NJ: TIC There is evidence the analyte is present. The associated value is an estimate.
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Monday, December 20, 2010

Reviewed By: Greg Perez **Date**

City of Tacoma

Environmental Services Laboratory

2201 Portland Avenue Tacoma WA 98421
Phone: 253.591.5588 Fax: 253.502.2170

Lab#: 2010-15069
Sample ID: **LAI-MW2-20101102(65)**
PDB
Sample Type: Groundwater
Sample Collect Date: 11/2/2010 14:35
Sample Receipt Date: 12/15/2010

Test	Analysis Date	Analytical Method:	Result	Units	POL	MDL	CAS#
FIELD							
Water Level	11/2/2010		**43.95**	Feet	0.01	0.01	

Flags:
U: The analyte was not detected at or above the reported value.
UJ: The analyte was not detected at or above the reported estimated result. See QC Report.
NJ: TIC There is evidence the analyte is present. The associated value is an estimate.
J: The analyte was positively identified. The associated value is an estimate. See QC Report.
B: The analyte was detected but is less than the Project Reporting Limit Goal.
R: The value is unusable.

Monday, December 20, 2010

Reviewed By: Greg Perez **Date**

City of Tacoma

Environmental Services Laboratory

2201 Portland Avenue Tacoma WA 98421
Phone: 253.591.5588 Fax: 253.502.2170

Lab#: 2010-15070
Sample ID: **LAI-MW3-20101102(75)**
PDB
Sample Type: Groundwater
Sample Collect Date: 11/2/2010 14:40
Sample Receipt Date: 12/15/2010

Test	Analysis Date	Analytical Method:	Result	Units	PQL	MDL	CAS#
FIELD							
Water Level	11/2/2010		**50.56**	Feet	0.01	0.01	

Flags:
U: The analyte was not detected at or above the reported value.
UJ: The analyte was not detected at or above the reported estimated result. See QC Report.
NJ: TIC There is evidence the analyte is present. The associated value is an estimate.
J: The analyte was positively identified. The associated value is an estimate. See QC Report.
B: The analyte was detected but is less than the Project Reporting Limit Goal.
R: The value is unusable.

Monday, December 20, 2010

Reviewed By: Greg Perez **Date**

City of Tacoma

Environmental Services Laboratory

2201 Portland Avenue Tacoma WA 98421
Phone: 253.591.5588 Fax: 253.502.2170

Lab#: 2010-15071
Sample ID: **LAI-MW4-20101102(25)**
PDB
Sample Type: Groundwater
Sample Collect Date: 11/2/2010 14:25
Sample Receipt Date: 12/15/2010

Test	Analysis Date	Analytical Method:	Result	Units	PQL	MDL	CAS#
FIELD							
Water Level	11/2/2010		**11.32**	Feet	0.01	0.01	

Flags:
U: The analyte was not detected at or above the reported value.
UJ: The analyte was not detected at or above the reported estimated result. See QC Report.
NJ: TIC There is evidence the analyte is present. The associated value is an estimate.
J: The analyte was positively identified. The associated value is an estimate. See QC Report.
B: The analyte was detected but is less than the Project Reporting Limit Goal.
R: The value is unusable.

Monday, December 20, 2010

Reviewed By: Greg Perez **Date**

City of Tacoma

Environmental Services Laboratory

2201 Portland Avenue Tacoma WA 98421
Phone: 253.591.5588 Fax: 253.502.2170

Lab#: 2010-15072
Sample ID: **RNS-MW2-20101102(21.5 PDB**
Sample Type: Groundwater
Sample Collect Date: 11/2/2010 14:53
Sample Receipt Date: 12/15/2010

Test	Analysis Date	Analytical Method:	Result	Units	POL	MDL	CAS#
FIELD							
Water Level	11/2/2010		**20.65**	Feet	0.01	0.01	

Flags:
U: The analyte was not detected at or above the reported value.
UJ: The analyte was not detected at or above the reported estimated result. See QC Report.
NJ: TIC There is evidence the analyte is present. The associated value is an estimate.
J: The analyte was positively identified. The associated value is an estimate. See QC Report.
B: The analyte was detected but is less than the Project Reporting Limit Goal.
R: The value is unusable.

Reviewed By: Greg Perez

Monday, December 20, 2010
Date

City of Tacoma

Environmental Services Laboratory

2201 Portland Avenue Tacoma WA 98421
Phone: 253.591.5588 Fax: 253.502.2170

Lab#: 2010-15073
Sample ID: **RNS-MW2-20101102(38.5)**
PDB
Sample Type: Groundwater
Sample Collect Date: 11/2/2010 14:53
Sample Receipt Date: 12/15/2010

Test	Analysis Date	Analytical Method:	Result	Units	PQL	MDL	CAS#
FIELD							
Water Level	11/2/2010		**20.65**	Feet	0.01	0.01	

Flags:
- U: The analyte was not detected at or above the reported value.
- UJ: The analyte was not detected at or above the reported estimated result. See QC Report.
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- R: The value is unusable.

Monday, December 20, 2010

Reviewed By: Greg Perez **Date**

City of Tacoma

Environmental Services Laboratory

2201 Portland Avenue Tacoma WA 98421
Phone: 253.591.5588 Fax: 253.502.2170

Lab#: 2010-15074
Sample ID: **RNS-MW6-20101102(42.5)**
PDB
Sample Type: Groundwater
Sample Collect Date: 11/2/2010 15:00
Sample Receipt Date: 12/15/2010

Test	Analysis Date	Analytical Method:	Result	Units	PQL	MDL	CAS#
FIELD							
Water Level	11/2/2010		**36.40**	Feet	0.01	0.01	

Flags:
U: The analyte was not detected at or above the reported value.
UJ: The analyte was not detected at or above the reported estimated result. See QC Report.
NJ: TIC There is evidence the analyte is present. The associated value is an estimate.
J: The analyte was positively identified. The associated value is an estimate. See QC Report.
B: The analyte was detected but is less than the Project Reporting Limit Goal.
R: The value is unusable.

Monday, December 20, 2010

Reviewed By: Greg Perez **Date**

City of Tacoma

Environmental Services Laboratory

2201 Portland Avenue Tacoma WA 98421
Phone: 253.591.5588 Fax: 253.502.2170

Lab#: 2010-15075
Sample ID: **RNS-MW6-20101102(52.5)**
PDB
Sample Type: Groundwater
Sample Collect Date: 11/2/2010 15:00
Sample Receipt Date: 12/15/2010

Test	Analysis Date	Analytical Method:	Result	Units	PQL	MDL	CAS#
FIELD							
Water Level	11/2/2010		**36.40**	Feet	0.01	0.01	

Flags:
U: The analyte was not detected at or above the reported value.
UJ: The analyte was not detected at or above the reported estimated result. See QC Report.
NJ: TIC There is evidence the analyte is present. The associated value is an estimate.
J: The analyte was positively identified. The associated value is an estimate. See QC Report.
B: The analyte was detected but is less than the Project Reporting Limit Goal.
R: The value is unusable.

Monday, December 20, 2010

Reviewed By: Greg Perez **Date**

City of Tacoma

INVOICE

Environmental Services Laboratory
326 East D Street
Tacoma, WA 98421
Phone: (253)502-2130 Fax: (253)502-2170

Date: 15-Dec-10

Ship To: Landfill Monitoring
Science and Engineering Division
326 East D Street.

Bill To: 514050

Project: Sauro Property
SAP#: CIP-00020-01-03

Lab#	Sample ID
2010-12738	MW13-20101027(51.5)

Test Group Name	Test Group Fee	PrepFee	Unit Price
VOA in Water	$170.00	$0.00	$170.00

SubTotal Test Group Fees:	$170.00
Sample Collection Fee:	$57.00
QC Review Fee:	$10.00
Rush Surcharge Percent:	0
Discount Percent:	0
Sample Total:	$237.00

$237.00 X 10 = ~~$2375~~ $2370

Lab#	Sample ID
2010-13068	MW1-PP-20101103

Test Group Name	Test Group Fee	PrepFee	Unit Price
VOA in Water	$170.00	$0.00	$170.00

SubTotal Test Group Fees:	$170.00
Sample Collection Fee:	$97.00
QC Review Fee:	$10.00
Rush Surcharge Percent:	0
Discount Percent:	0
Sample Total:	$277.00

$277.00 X 2 = $554

Lab#	Sample ID
2010-13070	Trip Blank

Test Group Name	Test Group Fee	PrepFee	Unit Price
VOA in Water	$170.00	$0.00	$170.00

SubTotal Test Group Fees:	$170.00
Sample Collection Fee:	$20.00
QC Review Fee:	$10.00
Rush Surcharge Percent:	0
Discount Percent:	0
Sample Total:	$200.00

$200.00 X2 = $400

Total For All Samples: ~~$714.00~~

$3324

Internal Use Only

City of Tacoma
Public Works — Environmental Services

Send Results & Invoice to:
Environmental Services Laboratory
2201 Portland Avenue 326 E. D Street
Tacoma, WA 98421
(253) 502-2130
PO#:

Page 1 of 1 CIP-00020-01-03

Chain of Custody Record

SAP Accounting: ~~ENV-04004-13-01~~ BE 10/28/10 | Project Name: Sauro Property

Samplers (Print): Bill Essmeier, Braden Price

Analysis/# of Containers: VOCs 8260

Samples Sent to:

PO#

Lab #	Date 2010	Time	Matrix	Grab	Composite	Sample ID	Total Containers	VOCs 8260	Remarks
1	12732	10/27	1545	Water	X	MW13-20101027 (57.5)	3	3	!
2	39		1405			LAI-MW1-2610 (63)	3	3	= 6 for QC
3	40		1520			LAI-MW2-2610 (65)	3	3	
4	41		1535			LAI-MW3-2010 (75)	3	3	
5	42		1350			LAI-MW4-2010 (25)	3	3	
6	43		1430			RNS-MW2-2010 (21.5)	3	3	
7	44		1432			RNS-MW7-2010 (38.5)	3	3	
8	45		1455			RNS-MW6-2010 (42.5)	3	3	
9	46		1457			RNS-MW5-2010 (57.5)	3	3	
10	47		1350			MW-999-2010 (25)	3	3	
11	12748	↓	1300	↓	↓	Trip Blank	3	3	
12									
13	13068	11/3	1540			MW1-PP-20101103	3	3	
14	13069		1515			MW2-PP-20101103	3	3	
15	13070	↓	1500			Trip Blank BE 12-15-10	3	3	
16									

Relinquished By (Signature)	Date/Time	Received By (Signature)	Relinquished By (Signature)	Date/Time	Received for Laboratory By (Signature)
Bill Essmeier	10/27/10 1600			11/3/10 1600	Bill Essmeier

Relinquished By (Signature)	Date/Time	Received for Analysis By (Signature)	Date/Time	Remarks

Distribution: WHITE - Laboratory CANARY - Other PINK - Inorganics GOLDENROD - Organics

PW 523500 001 1209

Tacoma

27 April 2012

Calvin Taylor
PW Science and Engineering
326 East D Street
Tacoma, WA 98421

Subject: Sauro Property RIFS

Enclosed are the analytical results for samples collected between 04/10/2012 and 04/11/2012.

A detailed Quality Control Data Review is included with the sample results for your review.

If you have any questions concerning this report, call me at (253)502-2130. Please note that the samples associated with this report will be discarded **3 months** from the date of this report unless notified.

Sincerely,

Stuart Magoon
Assistant Division Manager
Environmental Services Laboratory

cc.

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Apr-12 13:39

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled
Trip Blank	T204007-01	Water	11-Apr-12 10:30
MW1-PP	T204007-02	Water	10-Apr-12 14:30
MW2-PP	T204007-03	Water	10-Apr-12 15:20
MW13-(51.5)	T204007-04	Water	11-Apr-12 10:30
LAI-MW1-(63)	T204007-05	Water	11-Apr-12 09:20
LAI-MW2-(65)	T204007-06	Water	11-Apr-12 08:55
LAI-MW3-(75)	T204007-07	Water	11-Apr-12 09:05
LAI-MW4-(25)	T204007-08	Water	10-Apr-12 14:20
LAI-MW5-(42)	T204007-09	Water	11-Apr-12 09:35
LAI-MW5-(50)	T204007-10	Water	11-Apr-12 09:40
RNS-MW2-(21.5)	T204007-11	Water	11-Apr-12 10:00
RNS-MW2-(38.5)	T204007-12	Water	11-Apr-12 10:00
RNS-MW6-(42.5)	T204007-13	Water	11-Apr-12 10:10
RNS-MW6-(52.5)	T204007-14	Water	11-Apr-12 10:15
LAI-MW4-(25) DUP	T204007-15	Water	10-Apr-12 14:20

Center for Urban Waters - Environmental Services Lab

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.

Reviewed By

CHAIN OF CUSTODY

A Sauro Property Field data form was filled out for these samples.

METHODS

The samples were analyzed according to EPA Methods 8260B for Volatile Organics

SAMPLE STORAGE, PRESERVATION, & HOLDING TIMES

The samples were preserved and stored according to the requirements in 40 CFR 136 Table II. Analysis was performed within 14 days for Volatile Organics.

METHOD DETECTION LIMITS

All analytes are reported to the Method Detection Limit (MDL). Values below the PQL are qualified as estimated (J) and may not be as precise as values reported greater than the PQL (the low standard or 3 - 5 times the MDL).

METHOD BLANKS

Method blanks were analyzed at the required frequencies of the methods. There was a minimum of one Method Blank for each analytical method. Blank values were less than the Practical Quantitation Limits.

TRIP BLANKS

There was one Trip Blank (T204007-1) with these samples. Blank values were less than the Practical Quantitation Limits.

SURROGATES

Four Surrogate Compounds were added to the samples with the Volatile Organics analysis. The compounds are 1,2-Dichloroethane-d4, 4-Bromofluorobenzene, Dibromofluoromethane, and Toluene-d8. Surrogate recoveries were within the laboratory's control limits of 26-175% for 1,2-Dichloroethane-d4; 86-126% for 4-Bromofluorobenzene; 81-130% for Dibromofluoromethane; and 82 - 127% for Toluene-d8.

LABORATORY CONTROL SAMPLES

Laboratory Control Samples were analyzed with these samples for all parameters. The recoveries for the associated LCS were within the project limits.

DUPLICATE SAMPLE ANALYSIS

Duplicate analysis was not performed with these samples.

FIELD DUPLICATES

There was one Field Duplicate (T204007-15) submitted with this batch of samples. All compounds greater than the Project Reporting Limits met the method criteria of RPDs less than or equal to 20% except Benzene at 22.2%. Acceptance criteria for Field Duplicates are not defined for this project and no data is qualified.

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE ANALYSIS

Matrix Spike and/or Matrix Spike Duplicate analysis was performed with these samples. The Matrix Spike Duplicate was not spiked and is not used in this data review. The recoveries of the Matrix Spike were within the laboratory control limits.

INTERNAL STANDARDS

Internal Standards were added to the Volatile Organics analysis. The retention times of the standards in the samples are to be within one-half minute of the retention times for the standards in the continuing calibration. The area recoveries of the standards in the samples are to be within 50 to 200% of the area of the standards in the continuing calibrations. All Internal Standards met the method criteria.

DATA AVAILABILITY

All data associated with the samples contained in this report are archived at the Environmental Services Laboratory and are available upon request.

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Apr-12 13:39

Trip Blank
T204007-01 (Water)
11-Apr-12 10:30

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
1,1,1-Trichloroethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,1,2,2-Tetrachloroethane	0.09 U	0.5	0.09	ug/L	19-Apr-12	19-Apr-12	8260B
1,1,2-Trichloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,1-Dichloroethene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichloropropane	0.08 U	0.5	0.08	ug/L	19-Apr-12	19-Apr-12	8260B
1,3-Dichlorobenzene	0.08 U	0.5	0.08	ug/L	19-Apr-12	19-Apr-12	8260B
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
2-Butanone	0.5 U	5.0	0.5	ug/L	19-Apr-12	19-Apr-12	8260B
2-Hexanone	0.4 U	5.0	0.4	ug/L	19-Apr-12	19-Apr-12	8260B
4-Methyl-2-pentanone	0.4 U	5.0	0.4	ug/L	19-Apr-12	19-Apr-12	8260B
Acetone	1.0 U	5.0	1.0	ug/L	19-Apr-12	19-Apr-12	8260B
Benzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Bromodichloromethane	0.06 U	0.5	0.06	ug/L	19-Apr-12	19-Apr-12	8260B
Bromoform	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Bromomethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Carbon Tetrachloride	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Chloroform	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chloromethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
cis-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
cis-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Ethylbenzene	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
m/p-Xylene	0.1 U	1.0	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Methyl tert-butyl ether	0.09 U	0.5	0.09	ug/L	19-Apr-12	19-Apr-12	8260B
Methylene Chloride	0.3 U	0.5	0.3	ug/L	19-Apr-12	19-Apr-12	8260B
o-Xylene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Styrene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Tetrachloroethene	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Toluene	0.07 U	0.5	0.07	ug/L	19-Apr-12	19-Apr-12	8260B

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Apr-12 13:39

Trip Blank
T204007-01 (Water)
11-Apr-12 10:30

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
total 1,2-Dichloroethene	0.5 U	0.5	0.5	ug/L	19-Apr-12	19-Apr-12	8260B
trans-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Trichloroethene	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Vinyl Acetate	0.02 U	0.5	0.02	ug/L	19-Apr-12	19-Apr-12	8260B
Vinyl Chloride	0.07 U	0.5	0.07	ug/L	19-Apr-12	19-Apr-12	8260B
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*26-175*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: 4-Bromofluorobenzene		*97.2 %*	*86-126*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: Dibromofluoromethane		*111 %*	*81-130*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: Toluene-d8		*104 %*	*82-127*		*19-Apr-12*	*19-Apr-12*	*8260B*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Apr-12 13:39

MW1-PP
T204007-02 (Water)
10-Apr-12 14:30

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**15.80**	0.00		Feet	10-Apr-12	10-Apr-12	Field Measurement
VOA							
1,1,1-Trichloroethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,1,2,2-Tetrachloroethane	0.09 U	0.5	0.09	ug/L	19-Apr-12	19-Apr-12	8260B
1,1,2-Trichloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,1-Dichloroethene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichloropropane	0.08 U	0.5	0.08	ug/L	19-Apr-12	19-Apr-12	8260B
1,3-Dichlorobenzene	0.08 U	0.5	0.08	ug/L	19-Apr-12	19-Apr-12	8260B
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
2-Butanone	0.5 U	5.0	0.5	ug/L	19-Apr-12	19-Apr-12	8260B
2-Hexanone	0.4 U	5.0	0.4	ug/L	19-Apr-12	19-Apr-12	8260B
4-Methyl-2-pentanone	0.4 U	5.0	0.4	ug/L	19-Apr-12	19-Apr-12	8260B
Acetone	1.0 U	5.0	1.0	ug/L	19-Apr-12	19-Apr-12	8260B
Benzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Bromodichloromethane	0.06 U	0.5	0.06	ug/L	19-Apr-12	19-Apr-12	8260B
Bromoform	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Bromomethane	**0.3 J**	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Carbon Tetrachloride	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Chloroform	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chloromethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
cis-1,2-Dichloroethene	**0.2 J**	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
cis-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Ethylbenzene	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
m/p-Xylene	0.1 U	1.0	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Methyl tert-butyl ether	0.09 U	0.5	0.09	ug/L	19-Apr-12	19-Apr-12	8260B
Methylene Chloride	**0.3 J**	0.5	0.3	ug/L	19-Apr-12	19-Apr-12	8260B

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Apr-12 13:39

MW1-PP
T204007-02 (Water)
10-Apr-12 14:30

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
o-Xylene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Styrene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Tetrachloroethene	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Toluene	0.07 U	0.5	0.07	ug/L	19-Apr-12	19-Apr-12	8260B
total 1,2-Dichloroethene	0.5 U	0.5	0.5	ug/L	19-Apr-12	19-Apr-12	8260B
trans-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Trichloroethene	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Vinyl Acetate	0.02 U	0.5	0.02	ug/L	19-Apr-12	19-Apr-12	8260B
Vinyl Chloride	0.07 U	0.5	0.07	ug/L	19-Apr-12	19-Apr-12	8260B
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*26-175*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: 4-Bromofluorobenzene		*99.5 %*	*86-126*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: Dibromofluoromethane		*112 %*	*81-130*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: Toluene-d8		*103 %*	*82-127*		*19-Apr-12*	*19-Apr-12*	*8260B*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Apr-12 13:39

MW2-PP
T204007-03 (Water)
10-Apr-12 15:20

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**15.10**	0.00		Feet	10-Apr-12	10-Apr-12	Field Measurement
VOA							
1,1,1-Trichloroethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,1,2,2-Tetrachloroethane	0.09 U	0.5	0.09	ug/L	19-Apr-12	19-Apr-12	8260B
1,1,2-Trichloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,1-Dichloroethene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichloropropane	0.08 U	0.5	0.08	ug/L	19-Apr-12	19-Apr-12	8260B
1,3-Dichlorobenzene	0.08 U	0.5	0.08	ug/L	19-Apr-12	19-Apr-12	8260B
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
2-Butanone	0.5 U	5.0	0.5	ug/L	19-Apr-12	19-Apr-12	8260B
2-Hexanone	0.4 U	5.0	0.4	ug/L	19-Apr-12	19-Apr-12	8260B
4-Methyl-2-pentanone	0.4 U	5.0	0.4	ug/L	19-Apr-12	19-Apr-12	8260B
Acetone	**4.2 J**	5.0	1.0	ug/L	19-Apr-12	19-Apr-12	8260B
Benzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Bromodichloromethane	0.06 U	0.5	0.06	ug/L	19-Apr-12	19-Apr-12	8260B
Bromoform	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Bromomethane	**0.2 J**	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Carbon Tetrachloride	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Chloroform	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chloromethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
cis-1,2-Dichloroethene	**2.4**	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
cis-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Ethylbenzene	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
m/p-Xylene	0.1 U	1.0	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Methyl tert-butyl ether	0.09 U	0.5	0.09	ug/L	19-Apr-12	19-Apr-12	8260B
Methylene Chloride	**0.3 J**	0.5	0.3	ug/L	19-Apr-12	19-Apr-12	8260B

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Apr-12 13:39

MW2-PP
T204007-03 (Water)
10-Apr-12 15:20

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
o-Xylene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Styrene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Tetrachloroethene	**1.0**	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Toluene	0.07 U	0.5	0.07	ug/L	19-Apr-12	19-Apr-12	8260B
total 1,2-Dichloroethene	**2.4**	0.5	0.5	ug/L	19-Apr-12	19-Apr-12	8260B
trans-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Trichloroethene	**0.8**	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Vinyl Acetate	0.02 U	0.5	0.02	ug/L	19-Apr-12	19-Apr-12	8260B
Vinyl Chloride	**0.1 J**	0.5	0.07	ug/L	19-Apr-12	19-Apr-12	8260B
Surrogate: 1,2-Dichloroethane-d4		*98.1 %*	*26-175*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: 4-Bromofluorobenzene		*95.2 %*	*86-126*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: Dibromofluoromethane		*108 %*	*81-130*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: Toluene-d8		*87.9 %*	*82-127*		*19-Apr-12*	*19-Apr-12*	*8260B*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Apr-12 13:39

MW13-(51.5)
T204007-04 (Water)
11-Apr-12 10:30

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**38.82**	0.00		Feet	11-Apr-12	11-Apr-12	Field Measurement
VOA							
1,1,1-Trichloroethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,1,2,2-Tetrachloroethane	0.09 U	0.5	0.09	ug/L	19-Apr-12	19-Apr-12	8260B
1,1,2-Trichloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,1-Dichloroethene	**0.4 J**	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichloropropane	0.08 U	0.5	0.08	ug/L	19-Apr-12	19-Apr-12	8260B
1,3-Dichlorobenzene	0.08 U	0.5	0.08	ug/L	19-Apr-12	19-Apr-12	8260B
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
2-Butanone	0.5 U	5.0	0.5	ug/L	19-Apr-12	19-Apr-12	8260B
2-Hexanone	0.4 U	5.0	0.4	ug/L	19-Apr-12	19-Apr-12	8260B
4-Methyl-2-pentanone	0.4 U	5.0	0.4	ug/L	19-Apr-12	19-Apr-12	8260B
Acetone	**2.1 J**	5.0	1.0	ug/L	19-Apr-12	19-Apr-12	8260B
Benzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Bromodichloromethane	0.06 U	0.5	0.06	ug/L	19-Apr-12	19-Apr-12	8260B
Bromoform	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Bromomethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Carbon Tetrachloride	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Chloroform	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chloromethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
cis-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Ethylbenzene	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
m/p-Xylene	0.1 U	1.0	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Methyl tert-butyl ether	0.09 U	0.5	0.09	ug/L	19-Apr-12	19-Apr-12	8260B
Methylene Chloride	0.3 U	0.5	0.3	ug/L	19-Apr-12	19-Apr-12	8260B
o-Xylene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Apr-12 13:39

MW13-(51.5)
T204007-04 (Water)
11-Apr-12 10:30

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
Styrene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Toluene	0.07 U	0.5	0.07	ug/L	19-Apr-12	19-Apr-12	8260B
trans-1,2-Dichloroethene	**1.4**	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Vinyl Acetate	0.02 U	0.5	0.02	ug/L	19-Apr-12	19-Apr-12	8260B
Vinyl Chloride	**1.0**	0.5	0.07	ug/L	19-Apr-12	19-Apr-12	8260B
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*26-175*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: 4-Bromofluorobenzene		*108 %*	*86-126*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: Dibromofluoromethane		*107 %*	*81-130*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: Toluene-d8		*106 %*	*82-127*		*19-Apr-12*	*19-Apr-12*	*8260B*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Apr-12 13:39

MW13-(51.5)
T204007-04RE1 (Water)
11-Apr-12 10:30

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
cis-1,2-Dichloroethene	**100**	5.0	1.4	ug/L	19-Apr-12	19-Apr-12	8260B
Tetrachloroethene	**360**	5.0	1.7	ug/L	19-Apr-12	19-Apr-12	8260B
total 1,2-Dichloroethene	**100**	5.0	5.0	ug/L	19-Apr-12	19-Apr-12	8260B
Trichloroethene	**100**	5.0	1.8	ug/L	19-Apr-12	19-Apr-12	8260B
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*26-175*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: 4-Bromofluorobenzene		*96.1 %*	*86-126*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: Dibromofluoromethane		*106 %*	*81-130*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: Toluene-d8		*103 %*	*82-127*		*19-Apr-12*	*19-Apr-12*	*8260B*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Apr-12 13:39

LAI-MW1-(63)
T204007-05 (Water)
11-Apr-12 09:20

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**43.99**	0.00		Feet	11-Apr-12	11-Apr-12	Field Measurement
VOA							
1,1,1-Trichloroethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,1,2,2-Tetrachloroethane	0.09 U	0.5	0.09	ug/L	19-Apr-12	19-Apr-12	8260B
1,1,2-Trichloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,1-Dichloroethene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichloropropane	0.08 U	0.5	0.08	ug/L	19-Apr-12	19-Apr-12	8260B
1,3-Dichlorobenzene	0.08 U	0.5	0.08	ug/L	19-Apr-12	19-Apr-12	8260B
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
2-Butanone	0.5 U	5.0	0.5	ug/L	19-Apr-12	19-Apr-12	8260B
2-Hexanone	0.4 U	5.0	0.4	ug/L	19-Apr-12	19-Apr-12	8260B
4-Methyl-2-pentanone	0.4 U	5.0	0.4	ug/L	19-Apr-12	19-Apr-12	8260B
Acetone	**1.5 J**	5.0	1.0	ug/L	19-Apr-12	19-Apr-12	8260B
Benzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Bromodichloromethane	0.06 U	0.5	0.06	ug/L	19-Apr-12	19-Apr-12	8260B
Bromoform	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Bromomethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Carbon Tetrachloride	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Chloroform	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chloromethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
cis-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
cis-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Ethylbenzene	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
m/p-Xylene	0.1 U	1.0	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Methyl tert-butyl ether	0.09 U	0.5	0.09	ug/L	19-Apr-12	19-Apr-12	8260B
Methylene Chloride	0.3 U	0.5	0.3	ug/L	19-Apr-12	19-Apr-12	8260B

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Apr-12 13:39

LAI-MW1-(63)
T204007-05 (Water)
11-Apr-12 09:20

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
o-Xylene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Styrene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Tetrachloroethene	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Toluene	0.07 U	0.5	0.07	ug/L	19-Apr-12	19-Apr-12	8260B
total 1,2-Dichloroethene	0.5 U	0.5	0.5	ug/L	19-Apr-12	19-Apr-12	8260B
trans-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Trichloroethene	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Vinyl Acetate	0.02 U	0.5	0.02	ug/L	19-Apr-12	19-Apr-12	8260B
Vinyl Chloride	0.07 U	0.5	0.07	ug/L	19-Apr-12	19-Apr-12	8260B
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*26-175*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: 4-Bromofluorobenzene		*94.5 %*	*86-126*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: Dibromofluoromethane		*107 %*	*81-130*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: Toluene-d8		*99.6 %*	*82-127*		*19-Apr-12*	*19-Apr-12*	*8260B*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Apr-12 13:39

LAI-MW2-(65)
T204007-06 (Water)
11-Apr-12 08:55

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**44.07**	0.00		Feet	11-Apr-12	11-Apr-12	Field Measurement
VOA							
1,1,1-Trichloroethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,1,2,2-Tetrachloroethane	0.09 U	0.5	0.09	ug/L	19-Apr-12	19-Apr-12	8260B
1,1,2-Trichloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,1-Dichloroethene	**0.7**	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichloropropane	0.08 U	0.5	0.08	ug/L	19-Apr-12	19-Apr-12	8260B
1,3-Dichlorobenzene	0.08 U	0.5	0.08	ug/L	19-Apr-12	19-Apr-12	8260B
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
2-Butanone	0.5 U	5.0	0.5	ug/L	19-Apr-12	19-Apr-12	8260B
2-Hexanone	0.4 U	5.0	0.4	ug/L	19-Apr-12	19-Apr-12	8260B
4-Methyl-2-pentanone	0.4 U	5.0	0.4	ug/L	19-Apr-12	19-Apr-12	8260B
Acetone	**2.1 J**	5.0	1.0	ug/L	19-Apr-12	19-Apr-12	8260B
Benzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Bromodichloromethane	0.06 U	0.5	0.06	ug/L	19-Apr-12	19-Apr-12	8260B
Bromoform	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Bromomethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Carbon Tetrachloride	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Chloroform	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chloromethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
cis-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Ethylbenzene	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
m/p-Xylene	0.1 U	1.0	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Methyl tert-butyl ether	0.09 U	0.5	0.09	ug/L	19-Apr-12	19-Apr-12	8260B
Methylene Chloride	0.3 U	0.5	0.3	ug/L	19-Apr-12	19-Apr-12	8260B
o-Xylene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B

Center for Urban Waters - Environmental Services Lab

Reviewed By

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.

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Apr-12 13:39

LAI-MW2-(65)
T204007-06 (Water)
11-Apr-12 08:55

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
Styrene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Toluene	0.07 U	0.5	0.07	ug/L	19-Apr-12	19-Apr-12	8260B
trans-1,2-Dichloroethene	**1.1**	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Vinyl Acetate	0.02 U	0.5	0.02	ug/L	19-Apr-12	19-Apr-12	8260B
Vinyl Chloride	**0.9**	0.5	0.07	ug/L	19-Apr-12	19-Apr-12	8260B
Surrogate: 1,2-Dichloroethane-d4		*98.2 %*	*26-175*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: 4-Bromofluorobenzene		*97.4 %*	*86-126*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: Dibromofluoromethane		*103 %*	*81-130*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: Toluene-d8		*96.2 %*	*82-127*		*19-Apr-12*	*19-Apr-12*	*8260B*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Apr-12 13:39

LAI-MW2-(65)
T204007-06RE1 (Water)
11-Apr-12 08:55

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
cis-1,2-Dichloroethene	**110**	5.0	1.4	ug/L	19-Apr-12	19-Apr-12	8260B
Tetrachloroethene	**50**	5.0	1.7	ug/L	19-Apr-12	19-Apr-12	8260B
total 1,2-Dichloroethene	**110**	5.0	5.0	ug/L	19-Apr-12	19-Apr-12	8260B
Trichloroethene	**89**	5.0	1.8	ug/L	19-Apr-12	19-Apr-12	8260B
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*26-175*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: 4-Bromofluorobenzene		*95.0 %*	*86-126*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: Dibromofluoromethane		*104 %*	*81-130*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: Toluene-d8		*103 %*	*82-127*		*19-Apr-12*	*19-Apr-12*	*8260B*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Apr-12 13:39

LAI-MW3-(75)
T204007-07 (Water)
11-Apr-12 09:05

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**50.48**	0.00		Feet	11-Apr-12	11-Apr-12	Field Measurement
VOA							
1,1,1-Trichloroethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,1,2,2-Tetrachloroethane	0.09 U	0.5	0.09	ug/L	19-Apr-12	19-Apr-12	8260B
1,1,2-Trichloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,1-Dichloroethene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichloropropane	0.08 U	0.5	0.08	ug/L	19-Apr-12	19-Apr-12	8260B
1,3-Dichlorobenzene	0.08 U	0.5	0.08	ug/L	19-Apr-12	19-Apr-12	8260B
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
2-Butanone	**0.6 J**	5.0	0.5	ug/L	19-Apr-12	19-Apr-12	8260B
2-Hexanone	0.4 U	5.0	0.4	ug/L	19-Apr-12	19-Apr-12	8260B
4-Methyl-2-pentanone	0.4 U	5.0	0.4	ug/L	19-Apr-12	19-Apr-12	8260B
Acetone	**1.0 J**	5.0	1.0	ug/L	19-Apr-12	19-Apr-12	8260B
Benzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Bromodichloromethane	0.06 U	0.5	0.06	ug/L	19-Apr-12	19-Apr-12	8260B
Bromoform	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Bromomethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Carbon Tetrachloride	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Chloroform	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chloromethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
cis-1,2-Dichloroethene	**51**	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
cis-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Ethylbenzene	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
m/p-Xylene	0.1 U	1.0	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Methyl tert-butyl ether	0.09 U	0.5	0.09	ug/L	19-Apr-12	19-Apr-12	8260B
Methylene Chloride	0.3 U	0.5	0.3	ug/L	19-Apr-12	19-Apr-12	8260B

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Apr-12 13:39

LAI-MW3-(75)
T204007-07 (Water)
11-Apr-12 09:05

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
o-Xylene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Styrene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Toluene	0.07 U	0.5	0.07	ug/L	19-Apr-12	19-Apr-12	8260B
trans-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Trichloroethene	**37**	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Vinyl Acetate	0.02 U	0.5	0.02	ug/L	19-Apr-12	19-Apr-12	8260B
Vinyl Chloride	**0.2 J**	0.5	0.07	ug/L	19-Apr-12	19-Apr-12	8260B
Surrogate: 1,2-Dichloroethane-d4		*98.8 %*	*26-175*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: 4-Bromofluorobenzene		*97.6 %*	*86-126*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: Dibromofluoromethane		*106 %*	*81-130*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: Toluene-d8		*102 %*	*82-127*		*19-Apr-12*	*19-Apr-12*	*8260B*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Apr-12 13:39

LAI-MW3-(75)
T204007-07RE1 (Water)
11-Apr-12 09:05

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
Tetrachloroethene	**74**	5.0	1.7	ug/L	19-Apr-12	19-Apr-12	8260B
total 1,2-Dichloroethene	**44**	5.0	5.0	ug/L	19-Apr-12	19-Apr-12	8260B
Surrogate: 1,2-Dichloroethane-d4		*99.3 %*	*26-175*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: 4-Bromofluorobenzene		*92.8 %*	*86-126*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: Dibromofluoromethane		*101 %*	*81-130*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: Toluene-d8		*88.3 %*	*82-127*		*19-Apr-12*	*19-Apr-12*	*8260B*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Apr-12 13:39

LAI-MW4-(25)
T204007-08 (Water)
10-Apr-12 14:20

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**11.77**	0.00		Feet	10-Apr-12	10-Apr-12	Field Measurement
VOA							
1,1,1-Trichloroethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,1,2,2-Tetrachloroethane	0.09 U	0.5	0.09	ug/L	19-Apr-12	19-Apr-12	8260B
1,1,2-Trichloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,1-Dichloroethene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichloropropane	0.08 U	0.5	0.08	ug/L	19-Apr-12	19-Apr-12	8260B
1,3-Dichlorobenzene	0.08 U	0.5	0.08	ug/L	19-Apr-12	19-Apr-12	8260B
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
2-Butanone	0.5 U	5.0	0.5	ug/L	19-Apr-12	19-Apr-12	8260B
2-Hexanone	0.4 U	5.0	0.4	ug/L	19-Apr-12	19-Apr-12	8260B
4-Methyl-2-pentanone	0.4 U	5.0	0.4	ug/L	19-Apr-12	19-Apr-12	8260B
Acetone	1.0 U	5.0	1.0	ug/L	19-Apr-12	19-Apr-12	8260B
Benzene	**0.5**	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Bromodichloromethane	0.06 U	0.5	0.06	ug/L	19-Apr-12	19-Apr-12	8260B
Bromoform	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Bromomethane	**0.3 J**	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Carbon Disulfide	**0.1 J**	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Carbon Tetrachloride	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Chloroform	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chloromethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
cis-1,2-Dichloroethene	**0.6**	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
cis-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Ethylbenzene	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
m/p-Xylene	**0.2 J**	1.0	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Methyl tert-butyl ether	0.09 U	0.5	0.09	ug/L	19-Apr-12	19-Apr-12	8260B
Methylene Chloride	0.3 U	0.5	0.3	ug/L	19-Apr-12	19-Apr-12	8260B

Center for Urban Waters - Environmental Services Lab

Reviewed By

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.

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Apr-12 13:39

LAI-MW4-(25)
T204007-08 (Water)
10-Apr-12 14:20

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
o-Xylene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Styrene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Tetrachloroethene	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Toluene	**0.1 J**	0.5	0.07	ug/L	19-Apr-12	19-Apr-12	8260B
total 1,2-Dichloroethene	**0.6**	0.5	0.5	ug/L	19-Apr-12	19-Apr-12	8260B
trans-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Trichloroethene	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Vinyl Acetate	0.02 U	0.5	0.02	ug/L	19-Apr-12	19-Apr-12	8260B
Vinyl Chloride	**0.2 J**	0.5	0.07	ug/L	19-Apr-12	19-Apr-12	8260B
Surrogate: 1,2-Dichloroethane-d4		*94.6 %*	*26-175*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: 4-Bromofluorobenzene		*97.4 %*	*86-126*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: Dibromofluoromethane		*103 %*	*81-130*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: Toluene-d8		*99.0 %*	*82-127*		*19-Apr-12*	*19-Apr-12*	*8260B*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Apr-12 13:39

LAI-MW5-(42)
T204007-09 (Water)
11-Apr-12 09:35

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**23.38**	0.00		Feet	11-Apr-12	11-Apr-12	Field Measurement
VOA							
1,1,1-Trichloroethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,1,2,2-Tetrachloroethane	0.09 U	0.5	0.09	ug/L	19-Apr-12	19-Apr-12	8260B
1,1,2-Trichloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,1-Dichloroethene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichloropropane	0.08 U	0.5	0.08	ug/L	19-Apr-12	19-Apr-12	8260B
1,3-Dichlorobenzene	0.08 U	0.5	0.08	ug/L	19-Apr-12	19-Apr-12	8260B
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
2-Butanone	0.5 U	5.0	0.5	ug/L	19-Apr-12	19-Apr-12	8260B
2-Hexanone	0.4 U	5.0	0.4	ug/L	19-Apr-12	19-Apr-12	8260B
4-Methyl-2-pentanone	0.4 U	5.0	0.4	ug/L	19-Apr-12	19-Apr-12	8260B
Acetone	1.0 U	5.0	1.0	ug/L	19-Apr-12	19-Apr-12	8260B
Benzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Bromodichloromethane	0.06 U	0.5	0.06	ug/L	19-Apr-12	19-Apr-12	8260B
Bromoform	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Bromomethane	**0.3 J**	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Carbon Tetrachloride	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Chloroform	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chloromethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
cis-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
cis-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Ethylbenzene	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
m/p-Xylene	0.1 U	1.0	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Methyl tert-butyl ether	0.09 U	0.5	0.09	ug/L	19-Apr-12	19-Apr-12	8260B
Methylene Chloride	0.3 U	0.5	0.3	ug/L	19-Apr-12	19-Apr-12	8260B

PW Science and Engineering	Project: Sauro Property RIFS	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Apr-12 13:39

LAI-MW5-(42)
T204007-09 (Water)
11-Apr-12 09:35

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
o-Xylene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Styrene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Tetrachloroethene	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Toluene	0.07 U	0.5	0.07	ug/L	19-Apr-12	19-Apr-12	8260B
total 1,2-Dichloroethene	0.5 U	0.5	0.5	ug/L	19-Apr-12	19-Apr-12	8260B
trans-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Trichloroethene	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Vinyl Acetate	0.02 U	0.5	0.02	ug/L	19-Apr-12	19-Apr-12	8260B
Vinyl Chloride	0.07 U	0.5	0.07	ug/L	19-Apr-12	19-Apr-12	8260B
Surrogate: 1,2-Dichloroethane-d4		*98.1 %*	*26-175*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: 4-Bromofluorobenzene		*93.5 %*	*86-126*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: Dibromofluoromethane		*109 %*	*81-130*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: Toluene-d8		*104 %*	*82-127*		*19-Apr-12*	*19-Apr-12*	*8260B*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Apr-12 13:39

LAI-MW5-(50)
T204007-10 (Water)
11-Apr-12 09:40

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**23.38**	0.00		Feet	11-Apr-12	11-Apr-12	Field Measurement
VOA							
1,1,1-Trichloroethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,1,2,2-Tetrachloroethane	0.09 U	0.5	0.09	ug/L	19-Apr-12	19-Apr-12	8260B
1,1,2-Trichloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,1-Dichloroethene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichloropropane	0.08 U	0.5	0.08	ug/L	19-Apr-12	19-Apr-12	8260B
1,3-Dichlorobenzene	0.08 U	0.5	0.08	ug/L	19-Apr-12	19-Apr-12	8260B
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
2-Butanone	0.5 U	5.0	0.5	ug/L	19-Apr-12	19-Apr-12	8260B
2-Hexanone	0.4 U	5.0	0.4	ug/L	19-Apr-12	19-Apr-12	8260B
4-Methyl-2-pentanone	0.4 U	5.0	0.4	ug/L	19-Apr-12	19-Apr-12	8260B
Acetone	**1.4 J**	5.0	1.0	ug/L	19-Apr-12	19-Apr-12	8260B
Benzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Bromodichloromethane	0.06 U	0.5	0.06	ug/L	19-Apr-12	19-Apr-12	8260B
Bromoform	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Bromomethane	**0.3 J**	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Carbon Tetrachloride	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Chloroform	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chloromethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
cis-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
cis-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Ethylbenzene	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
m/p-Xylene	0.1 U	1.0	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Methyl tert-butyl ether	0.09 U	0.5	0.09	ug/L	19-Apr-12	19-Apr-12	8260B
Methylene Chloride	0.3 U	0.5	0.3	ug/L	19-Apr-12	19-Apr-12	8260B

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Apr-12 13:39

LAI-MW5-(50)
T204007-10 (Water)
11-Apr-12 09:40

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
o-Xylene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Styrene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Tetrachloroethene	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Toluene	0.07 U	0.5	0.07	ug/L	19-Apr-12	19-Apr-12	8260B
total 1,2-Dichloroethene	0.5 U	0.5	0.5	ug/L	19-Apr-12	19-Apr-12	8260B
trans-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Trichloroethene	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Vinyl Acetate	0.02 U	0.5	0.02	ug/L	19-Apr-12	19-Apr-12	8260B
Vinyl Chloride	0.07 U	0.5	0.07	ug/L	19-Apr-12	19-Apr-12	8260B
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*26-175*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: 4-Bromofluorobenzene		*96.8 %*	*86-126*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: Dibromofluoromethane		*110 %*	*81-130*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: Toluene-d8		*93.5 %*	*82-127*		*19-Apr-12*	*19-Apr-12*	*8260B*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Apr-12 13:39

RNS-MW2-(21.5)
T204007-11 (Water)
11-Apr-12 10:00

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**16.22**	0.00		Feet	11-Apr-12	11-Apr-12	Field Measurement
VOA							
1,1,1-Trichloroethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,1,2,2-Tetrachloroethane	0.09 U	0.5	0.09	ug/L	19-Apr-12	19-Apr-12	8260B
1,1,2-Trichloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,1-Dichloroethene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichloropropane	0.08 U	0.5	0.08	ug/L	19-Apr-12	19-Apr-12	8260B
1,3-Dichlorobenzene	0.08 U	0.5	0.08	ug/L	19-Apr-12	19-Apr-12	8260B
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
2-Butanone	0.5 U	5.0	0.5	ug/L	19-Apr-12	19-Apr-12	8260B
2-Hexanone	0.4 U	5.0	0.4	ug/L	19-Apr-12	19-Apr-12	8260B
4-Methyl-2-pentanone	0.4 U	5.0	0.4	ug/L	19-Apr-12	19-Apr-12	8260B
Acetone	**1.2 J**	5.0	1.0	ug/L	19-Apr-12	19-Apr-12	8260B
Benzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Bromodichloromethane	0.06 U	0.5	0.06	ug/L	19-Apr-12	19-Apr-12	8260B
Bromoform	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Bromomethane	**0.2 J**	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Carbon Tetrachloride	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Chloroform	**0.1 J**	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chloromethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
cis-1,2-Dichloroethene	**0.5**	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
cis-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Ethylbenzene	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
m/p-Xylene	0.1 U	1.0	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Methyl tert-butyl ether	0.09 U	0.5	0.09	ug/L	19-Apr-12	19-Apr-12	8260B
Methylene Chloride	0.3 U	0.5	0.3	ug/L	19-Apr-12	19-Apr-12	8260B

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Apr-12 13:39

RNS-MW2-(21.5)
T204007-11 (Water)
11-Apr-12 10:00

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
o-Xylene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Styrene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Tetrachloroethene	**9.8**	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Toluene	0.07 U	0.5	0.07	ug/L	19-Apr-12	19-Apr-12	8260B
total 1,2-Dichloroethene	**0.5**	0.5	0.5	ug/L	19-Apr-12	19-Apr-12	8260B
trans-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Trichloroethene	**0.8**	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Vinyl Acetate	0.02 U	0.5	0.02	ug/L	19-Apr-12	19-Apr-12	8260B
Vinyl Chloride	0.07 U	0.5	0.07	ug/L	19-Apr-12	19-Apr-12	8260B
Surrogate: 1,2-Dichloroethane-d4		*115 %*	*26-175*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: 4-Bromofluorobenzene		*98.0 %*	*86-126*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: Dibromofluoromethane		*106 %*	*81-130*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: Toluene-d8		*102 %*	*82-127*		*19-Apr-12*	*19-Apr-12*	*8260B*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Apr-12 13:39

RNS-MW2-(38.5)
T204007-12 (Water)
11-Apr-12 10:00

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**16.22**	0.00		Feet	11-Apr-12	11-Apr-12	Field Measurement
VOA							
1,1,1-Trichloroethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,1,2,2-Tetrachloroethane	0.09 U	0.5	0.09	ug/L	19-Apr-12	19-Apr-12	8260B
1,1,2-Trichloroethane	**0.9**	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,1-Dichloroethene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichloropropane	0.08 U	0.5	0.08	ug/L	19-Apr-12	19-Apr-12	8260B
1,3-Dichlorobenzene	0.08 U	0.5	0.08	ug/L	19-Apr-12	19-Apr-12	8260B
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
2-Butanone	0.5 U	5.0	0.5	ug/L	19-Apr-12	19-Apr-12	8260B
2-Hexanone	0.4 U	5.0	0.4	ug/L	19-Apr-12	19-Apr-12	8260B
4-Methyl-2-pentanone	0.4 U	5.0	0.4	ug/L	19-Apr-12	19-Apr-12	8260B
Acetone	**1.5 J**	5.0	1.0	ug/L	19-Apr-12	19-Apr-12	8260B
Benzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Bromodichloromethane	0.06 U	0.5	0.06	ug/L	19-Apr-12	19-Apr-12	8260B
Bromoform	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Bromomethane	**0.2 J**	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Carbon Tetrachloride	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Chloroform	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chloromethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
cis-1,2-Dichloroethene	**0.2 J**	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
cis-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Ethylbenzene	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
m/p-Xylene	0.1 U	1.0	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Methyl tert-butyl ether	0.09 U	0.5	0.09	ug/L	19-Apr-12	19-Apr-12	8260B
Methylene Chloride	0.3 U	0.5	0.3	ug/L	19-Apr-12	19-Apr-12	8260B

Center for Urban Waters - Environmental Services Lab

Reviewed By

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.

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Apr-12 13:39

RNS-MW2-(38.5)
T204007-12 (Water)
11-Apr-12 10:00

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
o-Xylene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Styrene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Tetrachloroethene	**14**	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Toluene	0.07 U	0.5	0.07	ug/L	19-Apr-12	19-Apr-12	8260B
total 1,2-Dichloroethene	0.5 U	0.5	0.5	ug/L	19-Apr-12	19-Apr-12	8260B
trans-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Trichloroethene	**0.6**	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Vinyl Acetate	0.02 U	0.5	0.02	ug/L	19-Apr-12	19-Apr-12	8260B
Vinyl Chloride	0.07 U	0.5	0.07	ug/L	19-Apr-12	19-Apr-12	8260B
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*26-175*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: 4-Bromofluorobenzene		*97.2 %*	*86-126*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: Dibromofluoromethane		*110 %*	*81-130*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: Toluene-d8		*102 %*	*82-127*		*19-Apr-12*	*19-Apr-12*	*8260B*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Apr-12 13:39

RNS-MW6-(42.5)
T204007-13 (Water)
11-Apr-12 10:10

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**35.37**	0.00		Feet	11-Apr-12	11-Apr-12	Field Measurement
VOA							
1,1,1-Trichloroethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,1,2,2-Tetrachloroethane	0.09 U	0.5	0.09	ug/L	19-Apr-12	19-Apr-12	8260B
1,1,2-Trichloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,1-Dichloroethene	**0.4 J**	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichloropropane	0.08 U	0.5	0.08	ug/L	19-Apr-12	19-Apr-12	8260B
1,3-Dichlorobenzene	0.08 U	0.5	0.08	ug/L	19-Apr-12	19-Apr-12	8260B
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
2-Butanone	**0.6 J**	5.0	0.5	ug/L	19-Apr-12	19-Apr-12	8260B
2-Hexanone	0.4 U	5.0	0.4	ug/L	19-Apr-12	19-Apr-12	8260B
4-Methyl-2-pentanone	0.4 U	5.0	0.4	ug/L	19-Apr-12	19-Apr-12	8260B
Acetone	1.0 U	5.0	1.0	ug/L	19-Apr-12	19-Apr-12	8260B
Benzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Bromodichloromethane	0.06 U	0.5	0.06	ug/L	19-Apr-12	19-Apr-12	8260B
Bromoform	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Bromomethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Carbon Tetrachloride	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Chloroform	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chloromethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
cis-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Ethylbenzene	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
m/p-Xylene	0.1 U	1.0	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Methyl tert-butyl ether	0.09 U	0.5	0.09	ug/L	19-Apr-12	19-Apr-12	8260B
Methylene Chloride	0.3 U	0.5	0.3	ug/L	19-Apr-12	19-Apr-12	8260B
o-Xylene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Apr-12 13:39

RNS-MW6-(42.5)
T204007-13 (Water)
11-Apr-12 10:10

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
Styrene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Toluene	0.07 U	0.5	0.07	ug/L	19-Apr-12	19-Apr-12	8260B
trans-1,2-Dichloroethene	**1.3**	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Vinyl Acetate	0.02 U	0.5	0.02	ug/L	19-Apr-12	19-Apr-12	8260B
Vinyl Chloride	**0.8**	0.5	0.07	ug/L	19-Apr-12	19-Apr-12	8260B
Surrogate: 1,2-Dichloroethane-d4		*95.2 %*	*26-175*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: 4-Bromofluorobenzene		*102 %*	*86-126*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: Dibromofluoromethane		*104 %*	*81-130*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: Toluene-d8		*101 %*	*82-127*		*19-Apr-12*	*19-Apr-12*	*8260B*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Apr-12 13:39

RNS-MW6-(42.5)
T204007-13RE1 (Water)
11-Apr-12 10:10

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
cis-1,2-Dichloroethene	**88**	5.0	1.4	ug/L	19-Apr-12	19-Apr-12	8260B
Tetrachloroethene	**530**	5.0	1.7	ug/L	19-Apr-12	19-Apr-12	8260B
total 1,2-Dichloroethene	**88**	5.0	5.0	ug/L	19-Apr-12	19-Apr-12	8260B
Trichloroethene	**110**	5.0	1.8	ug/L	19-Apr-12	19-Apr-12	8260B
Surrogate: 1,2-Dichloroethane-d4		*98.4 %*	*26-175*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: 4-Bromofluorobenzene		*94.8 %*	*86-126*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: Dibromofluoromethane		*104 %*	*81-130*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: Toluene-d8		*95.7 %*	*82-127*		*19-Apr-12*	*19-Apr-12*	*8260B*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Apr-12 13:39

RNS-MW6-(52.5)
T204007-14 (Water)
11-Apr-12 10:15

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**35.37**	0.00		Feet	11-Apr-12	11-Apr-12	Field Measurement
VOA							
1,1,1-Trichloroethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,1,2,2-Tetrachloroethane	0.09 U	0.5	0.09	ug/L	19-Apr-12	19-Apr-12	8260B
1,1,2-Trichloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,1-Dichloroethene	**0.5**	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichloropropane	0.08 U	0.5	0.08	ug/L	19-Apr-12	19-Apr-12	8260B
1,3-Dichlorobenzene	0.08 U	0.5	0.08	ug/L	19-Apr-12	19-Apr-12	8260B
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
2-Butanone	0.5 U	5.0	0.5	ug/L	19-Apr-12	19-Apr-12	8260B
2-Hexanone	0.4 U	5.0	0.4	ug/L	19-Apr-12	19-Apr-12	8260B
4-Methyl-2-pentanone	0.4 U	5.0	0.4	ug/L	19-Apr-12	19-Apr-12	8260B
Acetone	**1.6 J**	5.0	1.0	ug/L	19-Apr-12	19-Apr-12	8260B
Benzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Bromodichloromethane	0.06 U	0.5	0.06	ug/L	19-Apr-12	19-Apr-12	8260B
Bromoform	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Bromomethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Carbon Tetrachloride	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Chloroform	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chloromethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
cis-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Ethylbenzene	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
m/p-Xylene	0.1 U	1.0	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Methyl tert-butyl ether	0.09 U	0.5	0.09	ug/L	19-Apr-12	19-Apr-12	8260B
Methylene Chloride	0.3 U	0.5	0.3	ug/L	19-Apr-12	19-Apr-12	8260B
o-Xylene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Apr-12 13:39

RNS-MW6-(52.5)
T204007-14 (Water)
11-Apr-12 10:15

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
Styrene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Toluene	0.07 U	0.5	0.07	ug/L	19-Apr-12	19-Apr-12	8260B
trans-1,2-Dichloroethene	**1.0**	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Vinyl Acetate	0.02 U	0.5	0.02	ug/L	19-Apr-12	19-Apr-12	8260B
Vinyl Chloride	**0.6**	0.5	0.07	ug/L	19-Apr-12	19-Apr-12	8260B
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*26-175*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: 4-Bromofluorobenzene		*101 %*	*86-126*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: Dibromofluoromethane		*103 %*	*81-130*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: Toluene-d8		*102 %*	*82-127*		*19-Apr-12*	*19-Apr-12*	*8260B*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Apr-12 13:39

RNS-MW6-(52.5)
T204007-14RE1 (Water)
11-Apr-12 10:15

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
cis-1,2-Dichloroethene	**73**	5.0	1.4	ug/L	19-Apr-12	19-Apr-12	8260B
total 1,2-Dichloroethene	**73**	5.0	5.0	ug/L	19-Apr-12	19-Apr-12	8260B
Trichloroethene	**140**	5.0	1.8	ug/L	19-Apr-12	19-Apr-12	8260B
Surrogate: 1,2-Dichloroethane-d4		*119 %*	*26-175*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: 4-Bromofluorobenzene		*94.9 %*	*86-126*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: Dibromofluoromethane		*103 %*	*81-130*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: Toluene-d8		*94.8 %*	*82-127*		*19-Apr-12*	*19-Apr-12*	*8260B*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Apr-12 13:39

RNS-MW6-(52.5)
T204007-14RE2 (Water)
11-Apr-12 10:15

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
Tetrachloroethene	**750**	10	3.4	ug/L	19-Apr-12	19-Apr-12	8260B
Surrogate: 1,2-Dichloroethane-d4		*98.5 %*	*26-175*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: 4-Bromofluorobenzene		*98.6 %*	*86-126*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: Dibromofluoromethane		*108 %*	*81-130*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: Toluene-d8		*100 %*	*82-127*		*19-Apr-12*	*19-Apr-12*	*8260B*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Apr-12 13:39

LAI-MW4-(25) DUP
T204007-15 (Water)
10-Apr-12 14:20

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**11.77**	0.00		Feet	10-Apr-12	10-Apr-12	Field Measurement
VOA							
1,1,1-Trichloroethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,1,2,2-Tetrachloroethane	0.09 U	0.5	0.09	ug/L	19-Apr-12	19-Apr-12	8260B
1,1,2-Trichloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,1-Dichloroethene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
1,2-Dichloropropane	0.08 U	0.5	0.08	ug/L	19-Apr-12	19-Apr-12	8260B
1,3-Dichlorobenzene	0.08 U	0.5	0.08	ug/L	19-Apr-12	19-Apr-12	8260B
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
2-Butanone	0.5 U	5.0	0.5	ug/L	19-Apr-12	19-Apr-12	8260B
2-Hexanone	0.4 U	5.0	0.4	ug/L	19-Apr-12	19-Apr-12	8260B
4-Methyl-2-pentanone	0.4 U	5.0	0.4	ug/L	19-Apr-12	19-Apr-12	8260B
Acetone	1.0 U	5.0	1.0	ug/L	19-Apr-12	19-Apr-12	8260B
Benzene	**0.4 J**	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Bromodichloromethane	0.06 U	0.5	0.06	ug/L	19-Apr-12	19-Apr-12	8260B
Bromoform	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Bromomethane	**0.2 J**	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Carbon Tetrachloride	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chlorobenzene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chloroethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Chloroform	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Chloromethane	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
cis-1,2-Dichloroethene	**0.5**	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
cis-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Ethylbenzene	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
m/p-Xylene	**0.2 J**	1.0	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Methyl tert-butyl ether	0.09 U	0.5	0.09	ug/L	19-Apr-12	19-Apr-12	8260B
Methylene Chloride	0.3 U	0.5	0.3	ug/L	19-Apr-12	19-Apr-12	8260B

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Apr-12 13:39

LAI-MW4-(25) DUP
T204007-15 (Water)
10-Apr-12 14:20

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
o-Xylene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Styrene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Tetrachloroethene	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Toluene	**0.1 J**	0.5	0.07	ug/L	19-Apr-12	19-Apr-12	8260B
total 1,2-Dichloroethene	**0.5**	0.5	0.5	ug/L	19-Apr-12	19-Apr-12	8260B
trans-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	19-Apr-12	19-Apr-12	8260B
Trichloroethene	0.2 U	0.5	0.2	ug/L	19-Apr-12	19-Apr-12	8260B
Vinyl Acetate	0.02 U	0.5	0.02	ug/L	19-Apr-12	19-Apr-12	8260B
Vinyl Chloride	**0.2 J**	0.5	0.07	ug/L	19-Apr-12	19-Apr-12	8260B
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*26-175*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: 4-Bromofluorobenzene		*101 %*	*86-126*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: Dibromofluoromethane		*108 %*	*81-130*		*19-Apr-12*	*19-Apr-12*	*8260B*
Surrogate: Toluene-d8		*107 %*	*82-127*		*19-Apr-12*	*19-Apr-12*	*8260B*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Apr-12 13:39

VOA - Quality Control

Environmental Services Laboratory

Sample ID Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1216017 - Volatile Organics No-Prep										
Blank (1216017-BLK1)				Prepared & Analyzed: 19-Apr-12						
1,1,1-Trichloroethane	ND	0.5	ug/L							
1,1,2,2-Tetrachloroethane	ND	0.5	ug/L							
1,1,2-Trichloroethane	ND	0.5	ug/L							
1,1-Dichloroethane	ND	0.5	ug/L							
1,1-Dichloroethene	ND	0.5	ug/L							
1,2-Dibromoethane	ND	0.5	ug/L							
1,2-Dichlorobenzene	ND	0.5	ug/L							
1,2-Dichloroethane	ND	0.5	ug/L							
Surrogate: 1,2-Dichloroethane-d4	*21*		ug/L	*20.0*		*105*	*26-175*			
1,2-Dichloropropane	ND	0.5	ug/L							
1,3-Dichlorobenzene	ND	0.5	ug/L							
1,4-Dichlorobenzene	ND	0.5	ug/L							
2-Butanone	ND	5.0	ug/L							
2-Hexanone	ND	5.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*19*		ug/L	*20.0*		*95.0*	*86-126*			
4-Methyl-2-pentanone	ND	5.0	ug/L							
Acetone	ND	5.0	ug/L							
Benzene	ND	0.5	ug/L							
Bromodichloromethane	ND	0.5	ug/L							
Bromoform	ND	0.5	ug/L							
Bromomethane	0.2	0.5	ug/L							J
Carbon Disulfide	ND	0.5	ug/L							
Carbon Tetrachloride	ND	0.5	ug/L							
Chlorobenzene	ND	0.5	ug/L							
Chloroethane	ND	0.5	ug/L							
Chloroform	ND	0.5	ug/L							
Chloromethane	ND	0.5	ug/L							
cis-1,2-Dichloroethene	ND	0.5	ug/L							
cis-1,3-Dichloropropene	ND	0.5	ug/L							
Dibromochloromethane	ND	0.5	ug/L							
Surrogate: Dibromofluoromethane	*22*		ug/L	*20.0*		*109*	*81-130*			
Ethylbenzene	ND	0.5	ug/L							
m/p-Xylene	ND	1.0	ug/L							

PW Science and Engineering	Project: Sauro Property RIFS	
326 East D Street	Project Number: CIP-00020-01-03	Reported:
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Apr-12 13:39

VOA - Quality Control

Environmental Services Laboratory

Sample ID Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1216017 - Volatile Organics No-Prep										
Blank (1216017-BLK1)				Prepared & Analyzed: 19-Apr-12						
Methyl tert-butyl ether	ND	0.5	ug/L							
Methylene Chloride	ND	0.5	ug/L							
o-Xylene	ND	0.5	ug/L							
Styrene	ND	0.5	ug/L							
Tetrachloroethene	ND	0.5	ug/L							
Toluene	ND	0.5	ug/L							
Surrogate: Toluene-d8	*21*		ug/L	*20.0*		*105*	*82-127*			
total 1,2-Dichloroethene	ND	0.5	ug/L							
trans-1,2-Dichloroethene	ND	0.5	ug/L							
trans-1,3-Dichloropropene	ND	0.5	ug/L							
Trichloroethene	ND	0.5	ug/L							
Vinyl Acetate	ND	0.5	ug/L							
Vinyl Chloride	ND	0.5	ug/L							
LCS (1216017-BS1)				Prepared & Analyzed: 19-Apr-12						
1,1,1-Trichloroethane	19	0.5	ug/L	20.0		97.3	82-121			
1,1,2,2-Tetrachloroethane	20	0.5	ug/L	20.0		102	77-137			
1,1,2-Trichloroethane	21	0.5	ug/L	20.0		103	88-125			
1,1-Dichloroethane	20	0.5	ug/L	20.0		102	86-124			
1,1-Dichloroethene	21	0.5	ug/L	20.0		103	87-114			
1,2-Dibromoethane	21	0.5	ug/L	20.0		103	80-120			
1,2-Dichlorobenzene	22	0.5	ug/L	20.0		108	79-140			
1,2-Dichloroethane	21	0.5	ug/L	20.0		105	85-130			
Surrogate: 1,2-Dichloroethane-d4	*20*		ug/L	*20.0*		*100*	*26-175*			
1,2-Dichloropropane	20	0.5	ug/L	20.0		102	88-131			
1,3-Dichlorobenzene	22	0.5	ug/L	20.0		108	82-133			
1,4-Dichlorobenzene	21	0.5	ug/L	20.0		107	62-138			
2-Butanone	200	5.0	ug/L	200		98.1	73-130			
2-Hexanone	190	5.0	ug/L	200		97.4	70-138			
Surrogate: 4-Bromofluorobenzene	*21*		ug/L	*20.0*		*105*	*86-126*			
4-Methyl-2-pentanone	200	5.0	ug/L	200		98.9	66-134			
Acetone	200	5.0	ug/L	200		97.7	79-126			
Benzene	18	0.5	ug/L	20.0		88.9	87-122			
Bromodichloromethane	20	0.5	ug/L	20.0		102	84-130			

PW Science and Engineering	Project: Sauro Property RIFS	
326 East D Street	Project Number: CIP-00020-01-03	Reported:
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Apr-12 13:39

VOA - Quality Control

Environmental Services Laboratory

Sample ID Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1216017 - Volatile Organics No-Prep										
LCS (1216017-BS1)				Prepared & Analyzed: 19-Apr-12						
Bromoform	20	0.5	ug/L	20.0		98.2	76-134			
Bromomethane	19	0.5	ug/L	20.0		95.1	64-147			
Carbon Disulfide	20	0.5	ug/L	20.0		100	71-139			
Carbon Tetrachloride	18	0.5	ug/L	20.0		89.6	80-120			
Chlorobenzene	21	0.5	ug/L	20.0		104	87-124			
Chloroethane	20	0.5	ug/L	20.0		100	61-140			
Chloroform	20	0.5	ug/L	20.0		102	88-121			
Chloromethane	20	0.5	ug/L	20.0		98.3	69-126			
cis-1,2-Dichloroethene	21	0.5	ug/L	20.0		105	96-116			
cis-1,3-Dichloropropene	20	0.5	ug/L	20.0		101	80-129			
Dibromochloromethane	20	0.5	ug/L	20.0		102	81-130			
Surrogate: Dibromofluoromethane	*21*		ug/L	*20.0*		*107*	*81-130*			
Ethylbenzene	21	0.5	ug/L	20.0		105	85-134			
m/p-Xylene	42	1.0	ug/L	40.0		104	93-120			
Methyl tert-butyl ether	20	0.5	ug/L	20.0		101	50-150			
Methylene Chloride	20	0.5	ug/L	20.0		99.3	79-119			
o-Xylene	21	0.5	ug/L	20.0		106	80-120			
Styrene	21	0.5	ug/L	20.0		105	78-129			
Tetrachloroethene	21	0.5	ug/L	20.0		104	81-126			
Toluene	21	0.5	ug/L	20.0		105	87-127			
Surrogate: Toluene-d8	*22*		ug/L	*20.0*		*109*	*82-127*			
trans-1,2-Dichloroethene	21	0.5	ug/L	20.0		103	85-120			
trans-1,3-Dichloropropene	20	0.5	ug/L	20.0		100	82-130			
Trichloroethene	21	0.5	ug/L	20.0		104	84-123			
Vinyl Acetate	19	0.5	ug/L	20.0		96.6	63-133			
Vinyl Chloride	21	0.5	ug/L	20.0		105	69-126			
Matrix Spike (1216017-MS1)	**Source: T204007-05**			Prepared & Analyzed: 19-Apr-12						
1,1,1-Trichloroethane	19	0.5	ug/L	20.0	ND	94.4	82-121			
1,1,2,2-Tetrachloroethane	21	0.5	ug/L	20.0	ND	106	77-137			
1,1,2-Trichloroethane	20	0.5	ug/L	20.0	ND	101	88-125			
1,1-Dichloroethane	20	0.5	ug/L	20.0	ND	98.0	86-124			
1,1-Dichloroethene	20	0.5	ug/L	20.0	ND	99.5	87-114			
1,2-Dibromoethane	21	0.5	ug/L	20.0	ND	104	80-120			

VOA - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1216017 - Volatile Organics No-Prep										
Matrix Spike (1216017-MS1)	**Source: T204007-05**			Prepared & Analyzed: 19-Apr-12						
1,2-Dichlorobenzene	21	0.5	ug/L	20.0	ND	106	79-140			
1,2-Dichloroethane	21	0.5	ug/L	20.0	ND	104	85-130			
Surrogate: 1,2-Dichloroethane-d4	*20*		ug/L	*20.0*		*100*	*26-175*			
1,2-Dichloropropane	21	0.5	ug/L	20.0	ND	104	88-131			
1,3-Dichlorobenzene	21	0.5	ug/L	20.0	ND	104	82-133			
1,4-Dichlorobenzene	21	0.5	ug/L	20.0	ND	103	62-138			
2-Butanone	210	5.0	ug/L	200	ND	107	73-130			
2-Hexanone	220	5.0	ug/L	200	ND	111	70-138			
Surrogate: 4-Bromofluorobenzene	*21*		ug/L	*20.0*		*106*	*86-126*			
4-Methyl-2-pentanone	230	5.0	ug/L	200	ND	113	66-134			
Acetone	210	5.0	ug/L	200	1.5	106	79-126			
Benzene	18	0.5	ug/L	20.0	ND	88.2	87-122			
Bromodichloromethane	20	0.5	ug/L	20.0	ND	102	84-130			
Bromoform	19	0.5	ug/L	20.0	ND	95.1	76-134			
Bromomethane	18	0.5	ug/L	20.0	ND	89.2	64-147			
Carbon Disulfide	19	0.5	ug/L	20.0	ND	96.1	71-139			
Carbon Tetrachloride	18	0.5	ug/L	20.0	ND	87.5	80-120			
Chlorobenzene	21	0.5	ug/L	20.0	ND	104	87-124			
Chloroethane	19	0.5	ug/L	20.0	ND	96.7	61-140			
Chloroform	20	0.5	ug/L	20.0	ND	99.7	88-121			
Chloromethane	19	0.5	ug/L	20.0	ND	96.1	69-126			
cis-1,2-Dichloroethene	20	0.5	ug/L	20.0	ND	102	96-116			
cis-1,3-Dichloropropene	20	0.5	ug/L	20.0	ND	101	80-129			
Dibromochloromethane	19	0.5	ug/L	20.0	ND	97.4	81-130			
Surrogate: Dibromofluoromethane	*22*		ug/L	*20.0*		*109*	*81-130*			
Ethylbenzene	21	0.5	ug/L	20.0	ND	103	85-134			
m/p-Xylene	41	1.0	ug/L	40.0	ND	101	93-120			
Methyl tert-butyl ether	20	0.5	ug/L	20.0	ND	102	50-150			
Methylene Chloride	20	0.5	ug/L	20.0	ND	98.3	79-119			
o-Xylene	21	0.5	ug/L	20.0	ND	105	80-120			
Styrene	20	0.5	ug/L	20.0	ND	102	78-129			
Tetrachloroethene	20	0.5	ug/L	20.0	ND	102	81-126			
Toluene	21	0.5	ug/L	20.0	ND	107	87-127			

VOA - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1216017 - Volatile Organics No-Prep										
Matrix Spike (1216017-MS1)	**Source: T204007-05**			Prepared & Analyzed: 19-Apr-12						
Surrogate: Toluene-d8	*22*		ug/L	*20.0*		*112*	*82-127*			
trans-1,2-Dichloroethene	20	0.5	ug/L	20.0	ND	98.9	85-120			
trans-1,3-Dichloropropene	20	0.5	ug/L	20.0	ND	98.9	82-130			
Trichloroethene	21	0.5	ug/L	20.0	ND	104	84-123			
Vinyl Acetate	19	0.5	ug/L	20.0	ND	92.8	63-133			
Vinyl Chloride	20	0.5	ug/L	20.0	ND	99.7	68-127			
Matrix Spike Dup (1216017-MSD1)	**Source: T204007-05**			Prepared & Analyzed: 19-Apr-12						
1,1,1-Trichloroethane	19	0.5	ug/L	20.0	ND	96.1	82-121	1.77	20	
1,1,2,2-Tetrachloroethane	21	0.5	ug/L	20.0	ND	105	77-137	0.872	20	
1,1,2-Trichloroethane	20	0.5	ug/L	20.0	ND	101	88-125	0.185	20	
1,1-Dichloroethane	20	0.5	ug/L	20.0	ND	101	86-124	2.92	20	
1,1-Dichloroethene	21	0.5	ug/L	20.0	ND	103	87-114	3.43	20	
1,2-Dibromoethane	21	0.5	ug/L	20.0	ND	104	80-120	0.471	20	
1,2-Dichlorobenzene	22	0.5	ug/L	20.0	ND	109	79-140	3.14	20	
1,2-Dichloroethane	20	0.5	ug/L	20.0	ND	97.9	85-130	5.71	20	
Surrogate: 1,2-Dichloroethane-d4	*21*		ug/L	*20.0*		*105*	*26-175*			
1,2-Dichloropropane	20	0.5	ug/L	20.0	ND	102	88-131	1.58	20	
1,3-Dichlorobenzene	22	0.5	ug/L	20.0	ND	109	82-133	4.94	20	
1,4-Dichlorobenzene	22	0.5	ug/L	20.0	ND	109	62-138	5.58	20	
2-Butanone	220	5.0	ug/L	200	ND	108	73-130	0.771	20	
2-Hexanone	220	5.0	ug/L	200	ND	110	70-138	0.986	20	
Surrogate: 4-Bromofluorobenzene	*22*		ug/L	*20.0*		*110*	*86-126*			
4-Methyl-2-pentanone	220	5.0	ug/L	200	ND	108	66-134	4.76	20	
Acetone	220	5.0	ug/L	200	1.5	108	79-126	1.54	20	
Benzene	21	0.5	ug/L	20.0	ND	104	87-122	16.5	20	
Bromodichloromethane	20	0.5	ug/L	20.0	ND	102	84-130	0.0616	20	
Bromoform	20	0.5	ug/L	20.0	ND	98.5	76-134	3.52	20	
Bromomethane	19	0.5	ug/L	20.0	ND	97.2	64-147	8.55	20	
Carbon Disulfide	20	0.5	ug/L	20.0	ND	98.8	71-139	2.73	20	
Carbon Tetrachloride	20	0.5	ug/L	20.0	ND	102	80-120	15.4	20	
Chlorobenzene	21	0.5	ug/L	20.0	ND	104	87-124	0.0503	20	
Chloroethane	20	0.5	ug/L	20.0	ND	99.7	61-140	2.97	20	
Chloroform	20	0.5	ug/L	20.0	ND	102	88-121	2.41	20	

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Apr-12 13:39

VOA - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1216017 - Volatile Organics No-Prep										
Matrix Spike Dup (1216017-MSD1)	**Source: T204007-05**			Prepared & Analyzed: 19-Apr-12						
Chloromethane	19	0.5	ug/L	20.0	ND	97.4	69-126	1.35	20	
cis-1,2-Dichloroethene	21	0.5	ug/L	20.0	ND	104	96-116	1.84	20	
cis-1,3-Dichloropropene	20	0.5	ug/L	20.0	ND	101	80-129	0.820	20	
Dibromochloromethane	20	0.5	ug/L	20.0	ND	102	81-130	5.12	20	
Surrogate: Dibromofluoromethane	*22*		ug/L	*20.0*		*110*	*81-130*			
Ethylbenzene	20	0.5	ug/L	20.0	ND	102	85-134	0.473	20	
m/p-Xylene	41	1.0	ug/L	40.0	ND	103	93-120	1.16	20	
Methyl tert-butyl ether	21	0.5	ug/L	20.0	ND	103	50-150	0.436	20	
Methylene Chloride	20	0.5	ug/L	20.0	ND	99.4	79-119	1.15	20	
o-Xylene	21	0.5	ug/L	20.0	ND	105	80-120	0.274	20	
Styrene	21	0.5	ug/L	20.0	ND	103	78-129	1.04	20	
Tetrachloroethene	21	0.5	ug/L	20.0	ND	103	81-126	0.640	20	
Toluene	20	0.5	ug/L	20.0	ND	101	87-127	5.55	20	
Surrogate: Toluene-d8	*21*		ug/L	*20.0*		*105*	*82-127*			
trans-1,2-Dichloroethene	21	0.5	ug/L	20.0	ND	103	85-120	4.14	20	
trans-1,3-Dichloropropene	20	0.5	ug/L	20.0	ND	101	82-130	1.83	20	
Trichloroethene	20	0.5	ug/L	20.0	ND	102	84-123	2.28	20	
Vinyl Acetate	18	0.5	ug/L	20.0	ND	91.0	63-133	1.93	20	
Vinyl Chloride	21	0.5	ug/L	20.0	ND	103	68-127	3.26	20	

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Apr-12 13:39

Notes and Definitions

J	The result is an estimated concentration.
U	Analyte Not Detected at the associated value
UJ	Analyte Not Detected at the associated Estimated value
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

Sauro Property Field data

Well	Level	Date	Time	Notes
T204007		2012		T204007
MW1-PP -2	15.80	4/10	14:30	3 vials
Pre-sample purge	15.62	4/2	13:05	2,220 mL
MW2-PP -3	15.10	4/10	15:20	3 vials
Pre-sample purge	14.85	4/2	13:40	995 mL
MW13-(51.5) -4	38.82	4/11	10:30	3 vials
LAI-MW1-(63) QC -5	43.99	4/11	9:20	6 vials for QC
LAI-MW2-(65) -6	44.07	4/11	8:55	3 vials
LAI-MW3-(75) -7	50.48	4/11	9:05	3 vials
LAI-MW4-(25) DUP -8	11.77	4/10	14:20	3 vials
LAI-MW5-(42) -9	23.38	4/11	9:35	3 vials
Stainless steel line broke while re-deploying new Bags.				
LAI-MW5-(50) -10	23.38	4/11	9:40	3 vials
RNS-MW2-(21.5) -11	16.22	4/11	10:00	3 vials
RNS-MW2-(38.5) -12	16.22	4/11	10:00	3 vials
RNS-MW6-(42.5) -13	35.37	4/11	10:10	3 vials
RNS-MW6-(52.5) -14	35.37	4/11	10:15	3 vials
Trip Blank -1		4/11	10:30	3 vials

LAI-MW4(25) -15	11.77	4/10	14:20	DUP 3 vials
				QC

b 1215033

4-13-12 LAI-MW5 replaced the broken hang line with a new white nylon rope line.

INVOICE

T204007

Invoice To:
Calvin Taylor
PW Science and Engineering
326 East D Street
Tacoma, WA 98421

Invoice Number: T204007-PWSED
Invoiced On: 27-Apr-12
Received: 11-Apr-12
Project: Sauro Property RIFS

PO Number: 61000055543
Client Contact: Calvin Taylor - PW Science and Engineering
Lab Contact: Gregory Perez - Environmental Services Laboratory

Quantity	Analysis/Description	Matrix	Unit Cost	Extended Cost
Environmental Services Laboratory				
14	Water Level	Water	$10.00	$140.00
15	VOA_8260	Water	$160.00	$2,400.00
7	VOA_8260 - Reruns	Water	$0.00	$0.00
Additional Items				
17	Diffusion Bags		$17.00	$289.00
1	QA/QC Charge			$254.00
10	Sampling Fee 2		$90.00	$900.00
			Invoice Total:	**$3,983.00**

City of Tacoma
Environmental Services Laboratory

03 August 2012

Calvin Taylor
PW Science and Engineering
326 East D Street
Tacoma, WA 98421

Subject: Sauro Property RIFS

Enclosed are the analytical results for samples collected between 07/03/2012 and 07/16/2012.

Quality Control Data are included with the sample results for your review.

If you have any questions concerning this report, call me at (253)502-2130. Please note that remaining samples associated with this report will be discarded **3 months** from the date of this report unless we are notified otherwise.

Sincerely,

Stuart Magoon
Assistant Division Manager
Environmental Services Laboratory

cc.

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-Aug-12 12:40

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled
Trip Blank	T207012-01	Water	03-Jul-12 12:00
MW1-PP	T207012-02	Water	03-Jul-12 13:00
MW2-PP	T207012-03	Water	03-Jul-12 13:12
MW13-(51.5)	T207012-04	Water	03-Jul-12 14:20
LAI-MW1-(63)	T207012-05	Water	16-Jul-12 09:55
LAI-MW2-(65)	T207012-06	Water	03-Jul-12 13:55
LAI-MW3-(75)	T207012-07	Water	03-Jul-12 14:06
LAI-MW4-(25)	T207012-08	Water	03-Jul-12 12:53
LAI-MW5-(42)	T207012-09	Water	03-Jul-12 14:28
LAI-MW5-(50)	T207012-10	Water	03-Jul-12 14:30
RNS-MW2-(21.5)	T207012-11	Water	03-Jul-12 13:22
RNS-MW2-(38.5)	T207012-12	Water	03-Jul-12 13:25
RNS-MW6-(42.5)	T207012-13	Water	03-Jul-12 13:38
RNS-MW6-(52.5)	T207012-14	Water	03-Jul-12 13:43
MW1-PP DUP	T207012-15	Water	03-Jul-12 13:02
Trip Blank	T207012-16	Water	16-Jul-12 09:55

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.

Reviewed By

CHAIN OF CUSTODY

The samples were received under appropriate Chain of Custody procedures.

SAMPLE RECEIPT, PRESERVATION AND STORAGE

Samples were properly preserved and stored in accordance with the applicable method requirements.

HOLDING TIMES

All analyses were performed within the required holding times.

METHODS

The samples were analyzed by the following method:

EPA Method 8260C

METHOD DETECTION LIMITS

All analytes are reported to the Method Detection Limit (MDL). Values below the PQL are qualified as estimated (J) and may not be as precise as values reported greater than the PQL (the low standard or 3 - 5 times the MDL).

CONTINUING CALIBRATION

The following compounds did not meet the continuing calibration requirements.

Sample	Analyte	%R	Low	High
T2G1602-CCV1	Vinyl Chloride	149.0	80	120
T2G1602-CCV1	1,1,1-Trichloroethane	130.0	80	120

These compounds have been qualified as estimated (J). The samples were not reanalyzed because of holding times.

METHOD BLANKS

Method blanks were analyzed at the required frequencies of the methods. There was a minimum of one Method Blank for each analytical method. Blank values were less than the Practical Quantitation Limits No data is qualified.

SURROGATE COMPOUNDS

Surrogate compounds were added to each sample to monitor matrix effects. Surrogate recoveries were within the laboratory's or project control limits

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE ANALYSIS

Matrix Spike and/or Matrix Spike Duplicate analysis was performed with these samples.

Sample	Analyte	%R	High Limit	Low Limit
1229012-MS1	Vinyl Chloride	159.0	68	127
1229012-MS1	1,1-Dichloroethene	119.0	87	114
1229012-MS1	Methylene Chloride	122.0	79	119
1229012-MS1	cis-1,2-Dichloroethene	117.0	96	116
1229012-MS1	Chloroform	124.0	88	121
1229012-MS1	1,1,1-Trichloroethane	137.0	82	121
1229012-MS1	1,2-Dichloroethane	136.0	85	130
1229012-MSD1	Vinyl Chloride	164.0	68	127
1229012-MSD1	1,1-Dichloroethene	117.0	87	114
1229012-MSD1	Chloroform	122.0	88	121
1229012-MSD1	1,1,1-Trichloroethane	134.0	82	121
1229012-MSD1	1,2-Dichloroethane	147.0	85	130

Detected analytes that failed both MS and MSD have been qualified as estimated in sample T207112-08.

FIELD DUPLICATE SAMPLE ANALYSIS

Samples EW-12-Y4 & EW-12-Y4-2; and NR-17-Y4 & NR-17-Y4-2 were submitted as field duplicates. The Compounds that were detected in the field duplicate pairs are listed in the tables below:

Analyte	T207012-02 MW1-PP	T207012-15 MW1-PP DUP	%RPD
Acetone	12	1.9	145

The Field Duplicates are screened against a RPD of 75%. Acetone did not meet the screening criteria. No data is qualified.

INTERNAL STANDARDS

There was a sensitivity increase of approximately 10X for three samples. Internal Standards, Surrogates and analytes were proportionally affected. Internal Standards fail the 50% to 150% criteria. Data for these two samples are qualified as estimated.

Sample	Analyte	%R	Low	High
T207012-05	Bromochloromethane	823.0	50	200
T207012-05	1,4-Difluorobenzene	759.0	50	200
T207012-05	Chlorobenzene-d5	779.0	50	200
T207012-05	1,4-Dichlorobutane	826.0	50	200
T207012-09	Bromochloromethane	770.0	50	200

Sample	Analyte	%R	Low	High
T207012-09	1,4-Difluorobenzene	741.0	50	200
T207012-09	Chlorobenzene-d5	739.0	50	200
T207012-09	1,4-Dichlorobutane	812.0	50	200

DATA AVAILABILITY

All data associated with the samples contained in this report are archived at the Environmental Services Laboratory and are available upon request.

PW Science and Engineering	Project: Sauro Property RIFS	
326 East D Street	Project Number: CIP-00020-01-03	Reported:
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-Aug-12 12:40

Trip Blank
T207012-01 (Water)
03-Jul-12 12:00

Analyte	Result	Project Limit	Units	Prepared	Analyzed	Method
VOA						
1,1,1-Trichloroethane	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1-Dichloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1-Dichloroethene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dibromoethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichloropropane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
2-Butanone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
2-Hexanone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
Acetone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
Benzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromodichloromethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromoform	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromomethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Carbon Disulfide	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Carbon Tetrachloride	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloroform	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloromethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
cis-1,2-Dichloroethene	0.20 U	0.20	ug/L	17-Jul-12	17-Jul-12	8260B
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Dibromochloromethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Ethylbenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
m/p-Xylene	1.0 U	1.0	ug/L	17-Jul-12	17-Jul-12	8260B
Methylene Chloride	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
o-Xylene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Styrene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Tetrachloroethene	0.20 U	0.20	ug/L	17-Jul-12	17-Jul-12	8260B
Toluene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B

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.

Lori A. Zboralski
Reviewed By

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-Aug-12 12:40

Trip Blank
T207012-01 (Water)
03-Jul-12 12:00

Analyte	Result	Project Limit		Units	Prepared	Analyzed	Method
VOA							
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Trichloroethene	0.20 U	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Trichlorofluoromethane	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Vinyl Chloride	0.20 UJ	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Surrogate: 1,2-Dichloroethane-d4		*112 %*	*26-175*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: 4-Bromofluorobenzene		*96.5 %*	*86-126*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: Dibromofluoromethane		*112 %*	*81-130*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: Toluene-d8		*104 %*	*82-127*		*17-Jul-12*	*17-Jul-12*	*8260B*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-Aug-12 12:40

MW1-PP
T207012-02 (Water)
03-Jul-12 13:00

Analyte	Result	Project Limit	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**16.67**	0.00	Feet		03-Jul-12	Field Measurement
VOA						
1,1,1-Trichloroethane	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1-Dichloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1-Dichloroethene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dibromoethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichloropropane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
2-Butanone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
2-Hexanone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
Acetone	**12**	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
Benzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromodichloromethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromoform	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromomethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Carbon Disulfide	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Carbon Tetrachloride	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloroform	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloromethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
cis-1,2-Dichloroethene	0.20 U	0.20	ug/L	17-Jul-12	17-Jul-12	8260B
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Dibromochloromethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Ethylbenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
m/p-Xylene	1.0 U	1.0	ug/L	17-Jul-12	17-Jul-12	8260B
Methylene Chloride	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B

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.

Reviewed By

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-Aug-12 12:40

MW1-PP
T207012-02 (Water)
03-Jul-12 13:00

Analyte	Result	Project Limit		Units	Prepared	Analyzed	Method
VOA							
o-Xylene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Styrene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Tetrachloroethene	0.20 U	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Toluene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Trichloroethene	0.20 U	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Trichlorofluoromethane	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Vinyl Chloride	0.20 UJ	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Surrogate: 1,2-Dichloroethane-d4		*113 %*	*26-175*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: 4-Bromofluorobenzene		*95.7 %*	*86-126*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: Dibromofluoromethane		*114 %*	*81-130*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: Toluene-d8		*103 %*	*82-127*		*17-Jul-12*	*17-Jul-12*	*8260B*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-Aug-12 12:40

MW2-PP
T207012-03 (Water)
03-Jul-12 13:12

Analyte	Result	Project Limit	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**15.71**	0.00	Feet		03-Jul-12	Field Measurement
VOA						
1,1,1-Trichloroethane	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1-Dichloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1-Dichloroethene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dibromoethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichloropropane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
2-Butanone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
2-Hexanone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
Acetone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
Benzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromodichloromethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromoform	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromomethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Carbon Disulfide	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Carbon Tetrachloride	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloroform	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloromethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
cis-1,2-Dichloroethene	**1.6**	0.20	ug/L	17-Jul-12	17-Jul-12	8260B
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Dibromochloromethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Ethylbenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
m/p-Xylene	1.0 U	1.0	ug/L	17-Jul-12	17-Jul-12	8260B
Methylene Chloride	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-Aug-12 12:40

MW2-PP
T207012-03 (Water)
03-Jul-12 13:12

Analyte	Result	Project Limit		Units	Prepared	Analyzed	Method
VOA							
o-Xylene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Styrene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Tetrachloroethene	0.20 U	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Toluene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Trichloroethene	0.20 U	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Trichlorofluoromethane	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Vinyl Chloride	0.20 UJ	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Surrogate: 1,2-Dichloroethane-d4		*99.7 %*	*26-175*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: 4-Bromofluorobenzene		*95.6 %*	*86-126*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: Dibromofluoromethane		*115 %*	*81-130*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: Toluene-d8		*102 %*	*82-127*		*17-Jul-12*	*17-Jul-12*	*8260B*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-Aug-12 12:40

MW13-(51.5)
T207012-04 (Water)
03-Jul-12 14:20

Analyte	Result	Project Limit	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**38.80**	0.00	Feet		03-Jul-12	Field Measurement
VOA						
1,1,1-Trichloroethane	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1-Dichloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1-Dichloroethene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dibromoethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichloropropane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
2-Butanone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
2-Hexanone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
Acetone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
Benzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromodichloromethane	**1.0**	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromoform	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromomethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Carbon Disulfide	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Carbon Tetrachloride	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloroform	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloromethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Dibromochloromethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Ethylbenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
m/p-Xylene	1.0 U	1.0	ug/L	17-Jul-12	17-Jul-12	8260B
Methylene Chloride	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
o-Xylene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B

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Lori A. Zboralski
Reviewed By

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-Aug-12 12:40

MW13-(51.5)
T207012-04 (Water)
03-Jul-12 14:20

Analyte	Result	Project Limit		Units	Prepared	Analyzed	Method
VOA							
Styrene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Toluene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
trans-1,2-Dichloroethene	**1.5**	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Trichlorofluoromethane	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Vinyl Chloride	**2.7 J**	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Surrogate: 1,2-Dichloroethane-d4		*114 %*	*26-175*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: 4-Bromofluorobenzene		*94.0 %*	*86-126*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: Dibromofluoromethane		*114 %*	*81-130*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: Toluene-d8		*104 %*	*82-127*		*17-Jul-12*	*17-Jul-12*	*8260B*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-Aug-12 12:40

MW13-(51.5)
T207012-04RE1 (Water)
03-Jul-12 14:20

Analyte	Result	Project Limit		Units	Prepared	Analyzed	Method
VOA							
1,1,2-Trichlorotrifluoroethane	5.0 U	5.0		ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichlorobenzene	5.0 U	5.0		ug/L	17-Jul-12	17-Jul-12	8260B
Carbon Tetrachloride	5.0 U	5.0		ug/L	17-Jul-12	17-Jul-12	8260B
Chloroethane	5.0 U	5.0		ug/L	17-Jul-12	17-Jul-12	8260B
Chloroform	5.0 U	5.0		ug/L	17-Jul-12	17-Jul-12	8260B
cis-1,2-Dichloroethene	**120**	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Tetrachloroethene	**380**	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
trans-1,3-Dichloropropene	5.0 U	5.0		ug/L	17-Jul-12	17-Jul-12	8260B
Trichloroethene	**100**	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Surrogate: 1,2-Dichloroethane-d4		*124 %*	*26-175*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: 4-Bromofluorobenzene		*98.3 %*	*86-126*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: Dibromofluoromethane		*119 %*	*81-130*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: Toluene-d8		*108 %*	*82-127*		*17-Jul-12*	*17-Jul-12*	*8260B*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-Aug-12 12:40

LAI-MW1-(63)
T207012-05 (Water)
16-Jul-12 09:55

Analyte	Result	Project Limit	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**43.85**	0.00	Feet	16-Jul-12	16-Jul-12	Field Measurement
VOA						
1,1,1-Trichloroethane	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2,2-Tetrachloroethane	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2-Trichloroethane	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2-Trichlorotrifluoroethane	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1-Dichloroethane	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1-Dichloroethene	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dibromoethane	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichlorobenzene	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichloroethane	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichloropropane	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,3-Dichlorobenzene	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,4-Dichlorobenzene	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
2-Butanone	5.0 UJ	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
2-Hexanone	5.0 UJ	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
4-Methyl-2-pentanone	5.0 UJ	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
Acetone	5.0 UJ	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
Benzene	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromodichloromethane	**1.1 J**	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromoform	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromomethane	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Carbon Disulfide	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Carbon Tetrachloride	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chlorobenzene	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloroethane	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloroform	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloromethane	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
cis-1,2-Dichloroethene	0.20 UJ	0.20	ug/L	17-Jul-12	17-Jul-12	8260B
cis-1,3-Dichloropropene	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Dibromochloromethane	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Ethylbenzene	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
m/p-Xylene	1.0 UJ	1.0	ug/L	17-Jul-12	17-Jul-12	8260B
Methylene Chloride	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-Aug-12 12:40

LAI-MW1-(63)
T207012-05 (Water)
16-Jul-12 09:55

Analyte	Result	Project Limit		Units	Prepared	Analyzed	Method
VOA							
o-Xylene	0.5 UJ	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Styrene	0.5 UJ	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Tetrachloroethene	**1.1 J**	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Toluene	0.5 UJ	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
trans-1,2-Dichloroethene	0.5 UJ	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
trans-1,3-Dichloropropene	0.5 UJ	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Trichloroethene	0.20 UJ	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Trichlorofluoromethane	0.5 UJ	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Vinyl Chloride	0.20 UJ	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Surrogate: 1,2-Dichloroethane-d4		*110 %*	*26-175*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: 4-Bromofluorobenzene		*96.9 %*	*86-126*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: Dibromofluoromethane		*126 %*	*81-130*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: Toluene-d8		*105 %*	*82-127*		*17-Jul-12*	*17-Jul-12*	*8260B*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-Aug-12 12:40

LAI-MW2-(65)
T207012-06 (Water)
03-Jul-12 13:55

Analyte	Result	Project Limit	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**43.90**	0.00	Feet		03-Jul-12	Field Measurement
VOA						
1,1,1-Trichloroethane	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1-Dichloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1-Dichloroethene	**0.7**	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dibromoethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichloropropane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
2-Butanone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
2-Hexanone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
Acetone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
Benzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromodichloromethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromoform	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromomethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Carbon Disulfide	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Carbon Tetrachloride	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloroform	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloromethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Dibromochloromethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Ethylbenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
m/p-Xylene	1.0 U	1.0	ug/L	17-Jul-12	17-Jul-12	8260B
Methylene Chloride	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
o-Xylene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B

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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-Aug-12 12:40

LAI-MW2-(65)
T207012-06 (Water)
03-Jul-12 13:55

Analyte	Result	Project Limit		Units	Prepared	Analyzed	Method
VOA							
Styrene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Toluene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
trans-1,2-Dichloroethene	**1.5**	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Trichlorofluoromethane	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Vinyl Chloride	**3.0 J**	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Surrogate: 1,2-Dichloroethane-d4		*117 %*	*26-175*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: 4-Bromofluorobenzene		*91.8 %*	*86-126*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: Dibromofluoromethane		*116 %*	*81-130*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: Toluene-d8		*107 %*	*82-127*		*17-Jul-12*	*17-Jul-12*	*8260B*

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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-Aug-12 12:40

LAI-MW2-(65)
T207012-06RE1 (Water)
03-Jul-12 13:55

Analyte	Result	Project Limit		Units	Prepared	Analyzed	Method
VOA							
1,1,2-Trichlorotrifluoroethane	5.0 U	5.0		ug/L	17-Jul-12	17-Jul-12	8260B
Carbon Tetrachloride	5.0 U	5.0		ug/L	17-Jul-12	17-Jul-12	8260B
Chloroform	5.0 U	5.0		ug/L	17-Jul-12	17-Jul-12	8260B
cis-1,2-Dichloroethene	**140**	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Tetrachloroethene	**340**	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
trans-1,3-Dichloropropene	5.0 U	5.0		ug/L	17-Jul-12	17-Jul-12	8260B
Trichloroethene	**110**	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Surrogate: 1,2-Dichloroethane-d4		*120 %*	*26-175*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: 4-Bromofluorobenzene		*95.7 %*	*86-126*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: Dibromofluoromethane		*117 %*	*81-130*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: Toluene-d8		*107 %*	*82-127*		*17-Jul-12*	*17-Jul-12*	*8260B*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-Aug-12 12:40

LAI-MW3-(75)
T207012-07 (Water)
03-Jul-12 14:06

Analyte	Result	Project Limit	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**50.73**	0.00	Feet		03-Jul-12	Field Measurement
VOA						
1,1,1-Trichloroethane	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1-Dichloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1-Dichloroethene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dibromoethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichloropropane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
2-Butanone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
2-Hexanone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
Acetone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
Benzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromodichloromethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromoform	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromomethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Carbon Disulfide	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Carbon Tetrachloride	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloroform	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloromethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
cis-1,2-Dichloroethene	**23**	0.20	ug/L	17-Jul-12	17-Jul-12	8260B
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Dibromochloromethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Ethylbenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
m/p-Xylene	1.0 U	1.0	ug/L	17-Jul-12	17-Jul-12	8260B
Methylene Chloride	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B

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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-Aug-12 12:40

LAI-MW3-(75)
T207012-07 (Water)
03-Jul-12 14:06

Analyte	Result	Project Limit		Units	Prepared	Analyzed	Method
VOA							
o-Xylene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Styrene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Tetrachloroethene	**61**	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Toluene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Trichloroethene	**16**	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Trichlorofluoromethane	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Vinyl Chloride	0.20 UJ	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Surrogate: 1,2-Dichloroethane-d4		*119 %*	*26-175*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: 4-Bromofluorobenzene		*91.8 %*	*86-126*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: Dibromofluoromethane		*122 %*	*81-130*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: Toluene-d8		*107 %*	*82-127*		*17-Jul-12*	*17-Jul-12*	*8260B*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-Aug-12 12:40

LAI-MW3-(75)
T207012-07RE1 (Water)
03-Jul-12 14:06

Analyte	Result	Project Limit		Units	Prepared	Analyzed	Method
VOA							
1,1,2-Trichlorotrifluoroethane	5.0 U	5.0		ug/L	17-Jul-12	17-Jul-12	8260B
Carbon Tetrachloride	5.0 U	5.0		ug/L	17-Jul-12	17-Jul-12	8260B
Chloroform	5.0 U	5.0		ug/L	17-Jul-12	17-Jul-12	8260B
cis-1,2-Dichloroethene	**18**	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Tetrachloroethene	**52**	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
trans-1,3-Dichloropropene	5.0 U	5.0		ug/L	17-Jul-12	17-Jul-12	8260B
Surrogate: 1,2-Dichloroethane-d4		*124 %*	*26-175*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: 4-Bromofluorobenzene		*95.8 %*	*86-126*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: Dibromofluoromethane		*122 %*	*81-130*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: Toluene-d8		*110 %*	*82-127*		*17-Jul-12*	*17-Jul-12*	*8260B*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-Aug-12 12:40

LAI-MW4-(25)
T207012-08 (Water)
03-Jul-12 12:53

Analyte	Result	Project Limit	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**12.29**	0.00	Feet		03-Jul-12	Field Measurement
VOA						
1,1,1-Trichloroethane	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1-Dichloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1-Dichloroethene	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dibromoethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichloroethane	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichloropropane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
2-Butanone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
2-Hexanone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
Acetone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
Benzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromodichloromethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromoform	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromomethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Carbon Disulfide	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Carbon Tetrachloride	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloroform	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloromethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Dibromochloromethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Ethylbenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
m/p-Xylene	1.0 U	1.0	ug/L	17-Jul-12	17-Jul-12	8260B
Methylene Chloride	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
o-Xylene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B

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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-Aug-12 12:40

LAI-MW4-(25)
T207012-08 (Water)
03-Jul-12 12:53

Analyte	Result	Project Limit		Units	Prepared	Analyzed	Method
VOA							
Styrene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Tetrachloroethene	0.20 U	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Toluene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Trichloroethene	0.20 U	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Trichlorofluoromethane	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Vinyl Chloride	**2.0 J**	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Surrogate: 1,2-Dichloroethane-d4		*122 %*	*26-175*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: 4-Bromofluorobenzene		*89.9 %*	*86-126*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: Dibromofluoromethane		*120 %*	*81-130*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: Toluene-d8		*105 %*	*82-127*		*17-Jul-12*	*17-Jul-12*	*8260B*

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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-Aug-12 12:40

LAI-MW5-(42)
T207012-09 (Water)
03-Jul-12 14:28

Analyte	Result	Project Limit	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**24.13**	0.00	Feet		03-Jul-12	Field Measurement
VOA						
1,1,1-Trichloroethane	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2,2-Tetrachloroethane	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2-Trichloroethane	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2-Trichlorotrifluoroethane	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1-Dichloroethane	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1-Dichloroethene	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dibromoethane	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichlorobenzene	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichloroethane	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichloropropane	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,3-Dichlorobenzene	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,4-Dichlorobenzene	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
2-Butanone	5.0 UJ	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
2-Hexanone	5.0 UJ	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
4-Methyl-2-pentanone	5.0 UJ	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
Acetone	**45 J**	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
Benzene	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromodichloromethane	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromoform	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromomethane	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Carbon Disulfide	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Carbon Tetrachloride	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chlorobenzene	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloroethane	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloroform	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloromethane	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
cis-1,2-Dichloroethene	0.20 UJ	0.20	ug/L	17-Jul-12	17-Jul-12	8260B
cis-1,3-Dichloropropene	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Dibromochloromethane	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Ethylbenzene	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
m/p-Xylene	1.0 UJ	1.0	ug/L	17-Jul-12	17-Jul-12	8260B
Methylene Chloride	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B

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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-Aug-12 12:40

LAI-MW5-(42)
T207012-09 (Water)
03-Jul-12 14:28

Analyte	Result	Project Limit		Units	Prepared	Analyzed	Method
VOA							
o-Xylene	0.5 UJ	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Styrene	0.5 UJ	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Tetrachloroethene	0.20 UJ	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Toluene	0.5 UJ	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
trans-1,2-Dichloroethene	0.5 UJ	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
trans-1,3-Dichloropropene	0.5 UJ	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Trichloroethene	0.20 UJ	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Trichlorofluoromethane	0.5 UJ	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Vinyl Chloride	**0.3 J**	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*26-175*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: 4-Bromofluorobenzene		*92.1 %*	*86-126*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: Dibromofluoromethane		*122 %*	*81-130*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: Toluene-d8		*103 %*	*82-127*		*17-Jul-12*	*17-Jul-12*	*8260B*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-Aug-12 12:40

LAI-MW5-(50)
T207012-10 (Water)
03-Jul-12 14:30

Analyte	Result	Project Limit	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**24.13**	0.00	Feet		03-Jul-12	Field Measurement
VOA						
1,1,1-Trichloroethane	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1-Dichloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1-Dichloroethene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dibromoethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichloropropane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
2-Butanone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
2-Hexanone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
Acetone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
Benzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromodichloromethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromoform	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromomethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Carbon Disulfide	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Carbon Tetrachloride	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloroform	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloromethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
cis-1,2-Dichloroethene	0.20 U	0.20	ug/L	17-Jul-12	17-Jul-12	8260B
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Dibromochloromethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Ethylbenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
m/p-Xylene	1.0 U	1.0	ug/L	17-Jul-12	17-Jul-12	8260B
Methylene Chloride	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B

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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-Aug-12 12:40

LAI-MW5-(50)
T207012-10 (Water)
03-Jul-12 14:30

Analyte	Result	Project Limit		Units	Prepared	Analyzed	Method
VOA							
o-Xylene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Styrene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Tetrachloroethene	0.20 U	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Toluene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Trichloroethene	0.20 U	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Trichlorofluoromethane	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Vinyl Chloride	0.20 UJ	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Surrogate: 1,2-Dichloroethane-d4		*121 %*	*26-175*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: 4-Bromofluorobenzene		*94.6 %*	*86-126*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: Dibromofluoromethane		*121 %*	*81-130*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: Toluene-d8		*109 %*	*82-127*		*17-Jul-12*	*17-Jul-12*	*8260B*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-Aug-12 12:40

RNS-MW2-(21.5)
T207012-11 (Water)
03-Jul-12 13:22

Analyte	Result	Project Limit	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**16.85**	0.00	Feet		03-Jul-12	Field Measurement
VOA						
1,1,1-Trichloroethane	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1-Dichloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1-Dichloroethene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dibromoethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichloropropane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
2-Butanone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
2-Hexanone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
Acetone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
Benzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromodichloromethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromoform	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromomethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Carbon Disulfide	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Carbon Tetrachloride	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloroform	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloromethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
cis-1,2-Dichloroethene	0.20 U	0.20	ug/L	17-Jul-12	17-Jul-12	8260B
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Dibromochloromethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Ethylbenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
m/p-Xylene	1.0 U	1.0	ug/L	17-Jul-12	17-Jul-12	8260B
Methylene Chloride	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B

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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-Aug-12 12:40

RNS-MW2-(21.5)
T207012-11 (Water)
03-Jul-12 13:22

Analyte	Result	Project Limit		Units	Prepared	Analyzed	Method
VOA							
o-Xylene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Styrene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Tetrachloroethene	**8.8**	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Toluene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Trichloroethene	0.20 U	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Trichlorofluoromethane	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Vinyl Chloride	0.20 UJ	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Surrogate: 1,2-Dichloroethane-d4		*110 %*	*26-175*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: 4-Bromofluorobenzene		*92.7 %*	*86-126*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: Dibromofluoromethane		*121 %*	*81-130*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: Toluene-d8		*106 %*	*82-127*		*17-Jul-12*	*17-Jul-12*	*8260B*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-Aug-12 12:40

RNS-MW2-(38.5)
T207012-12 (Water)
03-Jul-12 13:25

Analyte	Result	Project Limit	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**16.85**	0.00	Feet		03-Jul-12	Field Measurement
VOA						
1,1,1-Trichloroethane	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1-Dichloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1-Dichloroethene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dibromoethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichloropropane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
2-Butanone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
2-Hexanone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
Acetone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
Benzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromodichloromethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromoform	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromomethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Carbon Disulfide	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Carbon Tetrachloride	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloroform	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloromethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
cis-1,2-Dichloroethene	0.20 U	0.20	ug/L	17-Jul-12	17-Jul-12	8260B
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Dibromochloromethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Ethylbenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
m/p-Xylene	1.0 U	1.0	ug/L	17-Jul-12	17-Jul-12	8260B
Methylene Chloride	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-Aug-12 12:40

RNS-MW2-(38.5)
T207012-12 (Water)
03-Jul-12 13:25

Analyte	Result	Project Limit		Units	Prepared	Analyzed	Method
VOA							
o-Xylene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Styrene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Tetrachloroethene	11	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Toluene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Trichloroethene	0.20 U	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Trichlorofluoromethane	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Vinyl Chloride	0.20 UJ	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Surrogate: 1,2-Dichloroethane-d4		*120 %*	*26-175*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: 4-Bromofluorobenzene		*92.9 %*	*86-126*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: Dibromofluoromethane		*119 %*	*81-130*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: Toluene-d8		*102 %*	*82-127*		*17-Jul-12*	*17-Jul-12*	*8260B*

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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-Aug-12 12:40

RNS-MW6-(42.5)
T207012-13 (Water)
03-Jul-12 13:38

Analyte	Result	Project Limit	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**35.85**	0.00	Feet		03-Jul-12	Field Measurement
VOA						
1,1,1-Trichloroethane	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1-Dichloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1-Dichloroethene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dibromoethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichloropropane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
2-Butanone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
2-Hexanone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
Acetone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
Benzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromodichloromethane	**0.8**	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromoform	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromomethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Carbon Disulfide	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Carbon Tetrachloride	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloroform	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloromethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
cis-1,2-Dichloroethene	**37**	0.20	ug/L	17-Jul-12	17-Jul-12	8260B
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Dibromochloromethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Ethylbenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
m/p-Xylene	1.0 U	1.0	ug/L	17-Jul-12	17-Jul-12	8260B
Methylene Chloride	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B

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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-Aug-12 12:40

RNS-MW6-(42.5)
T207012-13 (Water)
03-Jul-12 13:38

Analyte	Result	Project Limit		Units	Prepared	Analyzed	Method
VOA							
o-Xylene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Styrene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Toluene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Trichlorofluoromethane	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Vinyl Chloride	0.20 UJ	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Surrogate: 1,2-Dichloroethane-d4		*110 %*	*26-175*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: 4-Bromofluorobenzene		*91.1 %*	*86-126*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: Dibromofluoromethane		*119 %*	*81-130*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: Toluene-d8		*110 %*	*82-127*		*17-Jul-12*	*17-Jul-12*	*8260B*

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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-Aug-12 12:40

RNS-MW6-(42.5)
T207012-13RE1 (Water)
03-Jul-12 13:38

Analyte	Result	Project Limit		Units	Prepared	Analyzed	Method
VOA							
1,1,2-Trichlorotrifluoroethane	10 U	10		ug/L	17-Jul-12	17-Jul-12	8260B
2-Butanone	100 U	100		ug/L	17-Jul-12	17-Jul-12	8260B
Carbon Tetrachloride	10 U	10		ug/L	17-Jul-12	17-Jul-12	8260B
Chloroform	10 U	10		ug/L	17-Jul-12	17-Jul-12	8260B
Tetrachloroethene	**330**	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
trans-1,3-Dichloropropene	10 U	10		ug/L	17-Jul-12	17-Jul-12	8260B
Trichloroethene	**93**	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*26-175*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: 4-Bromofluorobenzene		*97.2 %*	*86-126*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: Dibromofluoromethane		*117 %*	*81-130*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: Toluene-d8		*108 %*	*82-127*		*17-Jul-12*	*17-Jul-12*	*8260B*

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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-Aug-12 12:40

RNS-MW6-(52.5)
T207012-14 (Water)
03-Jul-12 13:43

Analyte	Result	Project Limit	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**35.85**	0.00	Feet		03-Jul-12	Field Measurement
VOA						
1,1,1-Trichloroethane	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1-Dichloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1-Dichloroethene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dibromoethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichloropropane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
2-Butanone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
2-Hexanone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
Acetone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
Benzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromodichloromethane	**1.3**	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromoform	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromomethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Carbon Disulfide	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Carbon Tetrachloride	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloroform	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloromethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
cis-1,2-Dichloroethene	**120**	0.20	ug/L	17-Jul-12	17-Jul-12	8260B
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Dibromochloromethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Ethylbenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
m/p-Xylene	1.0 U	1.0	ug/L	17-Jul-12	17-Jul-12	8260B
Methylene Chloride	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B

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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-Aug-12 12:40

RNS-MW6-(52.5)
T207012-14 (Water)
03-Jul-12 13:43

Analyte	Result	Project Limit		Units	Prepared	Analyzed	Method
VOA							
o-Xylene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Styrene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Toluene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
trans-1,2-Dichloroethene	**1.6**	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Trichlorofluoromethane	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Vinyl Chloride	**2.7 J**	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Surrogate: 1,2-Dichloroethane-d4		*118 %*	*26-175*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: 4-Bromofluorobenzene		*92.1 %*	*86-126*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: Dibromofluoromethane		*117 %*	*81-130*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: Toluene-d8		*108 %*	*82-127*		*17-Jul-12*	*17-Jul-12*	*8260B*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-Aug-12 12:40

RNS-MW6-(52.5)
T207012-14RE1 (Water)
03-Jul-12 13:43

Analyte	Result	Project Limit		Units	Prepared	Analyzed	Method
VOA							
1,2-Dibromoethane	10 U	10		ug/L	17-Jul-12	17-Jul-12	8260B
2-Hexanone	100 U	100		ug/L	17-Jul-12	17-Jul-12	8260B
Chlorobenzene	10 U	10		ug/L	17-Jul-12	17-Jul-12	8260B
Chloromethane	10 U	10		ug/L	17-Jul-12	17-Jul-12	8260B
cis-1,2-Dichloroethene	**100**	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Dibromochloromethane	10 U	10		ug/L	17-Jul-12	17-Jul-12	8260B
Tetrachloroethene	**640**	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Trichloroethene	**120**	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Surrogate: 1,2-Dichloroethane-d4		*122 %*	*26-175*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: 4-Bromofluorobenzene		*98.1 %*	*86-126*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: Dibromofluoromethane		*117 %*	*81-130*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: Toluene-d8		*104 %*	*82-127*		*17-Jul-12*	*17-Jul-12*	*8260B*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-Aug-12 12:40

MW1-PP DUP
T207012-15 (Water)
03-Jul-12 13:02

Analyte	Result	Project Limit	Units	Prepared	Analyzed	Method
VOA						
1,1,1-Trichloroethane	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1-Dichloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1-Dichloroethene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dibromoethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichloropropane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
2-Butanone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
2-Hexanone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
Acetone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
Benzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromodichloromethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromoform	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromomethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Carbon Disulfide	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Carbon Tetrachloride	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloroform	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloromethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
cis-1,2-Dichloroethene	0.20 U	0.20	ug/L	17-Jul-12	17-Jul-12	8260B
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Dibromochloromethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Ethylbenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
m/p-Xylene	1.0 U	1.0	ug/L	17-Jul-12	17-Jul-12	8260B
Methylene Chloride	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
o-Xylene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Styrene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Tetrachloroethene	0.20 U	0.20	ug/L	17-Jul-12	17-Jul-12	8260B
Toluene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B

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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-Aug-12 12:40

MW1-PP DUP
T207012-15 (Water)
03-Jul-12 13:02

Analyte	Result	Project Limit		Units	Prepared	Analyzed	Method
VOA							
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Trichloroethene	0.20 U	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Trichlorofluoromethane	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Vinyl Chloride	0.20 UJ	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Surrogate: 1,2-Dichloroethane-d4		*117 %*	*26-175*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: 4-Bromofluorobenzene		*92.9 %*	*86-126*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: Dibromofluoromethane		*119 %*	*81-130*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: Toluene-d8		*108 %*	*82-127*		*17-Jul-12*	*17-Jul-12*	*8260B*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-Aug-12 12:40

Trip Blank
T207012-16 (Water)
16-Jul-12 09:55

Analyte	Result	Project Limit	Units	Prepared	Analyzed	Method
VOA						
1,1,1-Trichloroethane	0.5 UJ	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1-Dichloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,1-Dichloroethene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dibromoethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,2-Dichloropropane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
2-Butanone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
2-Hexanone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
Acetone	**120**	5.0	ug/L	17-Jul-12	17-Jul-12	8260B
Benzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromodichloromethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromoform	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Bromomethane	**2.2**	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Carbon Disulfide	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Carbon Tetrachloride	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chlorobenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloroethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloroform	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Chloromethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
cis-1,2-Dichloroethene	0.20 U	0.20	ug/L	17-Jul-12	17-Jul-12	8260B
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Dibromochloromethane	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Ethylbenzene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
m/p-Xylene	1.0 U	1.0	ug/L	17-Jul-12	17-Jul-12	8260B
Methylene Chloride	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
o-Xylene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Styrene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B
Tetrachloroethene	0.20 U	0.20	ug/L	17-Jul-12	17-Jul-12	8260B
Toluene	0.5 U	0.5	ug/L	17-Jul-12	17-Jul-12	8260B

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Lori A. Zboralski
Reviewed By

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: ClP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-Aug-12 12:40

Trip Blank
T207012-16 (Water)
16-Jul-12 09:55

Analyte	Result	Project Limit		Units	Prepared	Analyzed	Method
VOA							
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Trichloroethene	0.20 U	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Trichlorofluoromethane	0.5 U	0.5		ug/L	17-Jul-12	17-Jul-12	8260B
Vinyl Chloride	0.20 UJ	0.20		ug/L	17-Jul-12	17-Jul-12	8260B
Surrogate: 1,2-Dichloroethane-d4		*109 %*	*26-175*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: 4-Bromofluorobenzene		*96.5 %*	*86-126*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: Dibromofluoromethane		*112 %*	*81-130*		*17-Jul-12*	*17-Jul-12*	*8260B*
Surrogate: Toluene-d8		*105 %*	*82-127*		*17-Jul-12*	*17-Jul-12*	*8260B*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-Aug-12 12:40

VOA - Quality Control

Environmental Services Laboratory

Sample ID Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1229012 - Volatile Organics No-Prep										
Matrix Spike (1229012-MS1)	**Source: T207012-08**			Prepared & Analyzed: 18-Jul-12						
1,1,1-Trichloroethane	**27 J**		**ug/L**	**20.0**	**ND**	**137**	**82-121**			
1,1,2,2-Tetrachloroethane	**21**		**ug/L**	**20.0**	**ND**	**106**	**77-137**			
1,1,2-Trichloroethane	**20**		**ug/L**	**20.0**	**ND**	**101**	**88-125**			
1,1-Dichloroethane	**25**		**ug/L**	**20.0**	**ND**	**123**	**86-124**			
1,1-Dichloroethene	**24**		**ug/L**	**20.0**	**ND**	**119**	**87-114**			
1,2-Dibromoethane	**20**		**ug/L**	**20.0**	**ND**	**101**	**80-120**			
1,2-Dichlorobenzene	**19**		**ug/L**	**20.0**	**ND**	**93.2**	**79-140**			
1,2-Dichloroethane	**27**		**ug/L**	**20.0**	**ND**	**136**	**85-130**			
Surrogate: 1,2-Dichloroethane-d4	*25*		ug/L	*20.0*		*123*	*26-175*			
1,2-Dichloropropane	**23**		**ug/L**	**20.0**	**ND**	**114**	**88-131**			
1,3-Dichlorobenzene	**18**		**ug/L**	**20.0**	**ND**	**91.2**	**82-133**			
1,4-Dichlorobenzene	**19**		**ug/L**	**20.0**	**ND**	**93.5**	**62-138**			
2-Hexanone	**190**		**ug/L**	**200**	**ND**	**96.6**	**70-138**			
Surrogate: 4-Bromofluorobenzene	*19*		ug/L	*20.0*		*95.5*	*86-126*			
4-Methyl-2-pentanone	**210**		**ug/L**	**200**	**ND**	**106**	**66-134**			
Acetone	**230**		**ug/L**	**200**	**2.7**	**112**	**79-126**			
Benzene	**23**		**ug/L**	**20.0**	**ND**	**114**	**87-122**			
Bromodichloromethane	**22**		**ug/L**	**20.0**	**ND**	**112**	**84-130**			
Bromoform	**16**		**ug/L**	**20.0**	**ND**	**80.9**	**76-134**			
Bromomethane	**21**		**ug/L**	**20.0**	**ND**	**106**	**64-147**			
Carbon Tetrachloride	**23**		**ug/L**	**20.0**	**ND**	**115**	**80-120**			
Chlorobenzene	**20**		**ug/L**	**20.0**	**ND**	**101**	**87-124**			
Chloroethane	**24**		**ug/L**	**20.0**	**ND**	**120**	**61-140**			
Chloroform	**25**		**ug/L**	**20.0**	**ND**	**124**	**88-121**			
Chloromethane	**23**		**ug/L**	**20.0**	**ND**	**117**	**69-126**			
cis-1,2-Dichloroethene	**24**		**ug/L**	**20.0**	**0.5**	**117**	**96-116**			
cis-1,3-Dichloropropene	**21**		**ug/L**	**20.0**	**ND**	**106**	**80-129**			
Dibromochloromethane	**18**		**ug/L**	**20.0**	**ND**	**91.7**	**81-130**			
Surrogate: Dibromofluoromethane	*23*		ug/L	*20.0*		*117*	*81-130*			
Ethylbenzene	**20**		**ug/L**	**20.0**	**ND**	**99.2**	**85-134**			
m/p-Xylene	**39**		**ug/L**	**40.0**	**ND**	**97.1**	**93-120**			
Methylene Chloride	**24**		**ug/L**	**20.0**	**ND**	**122**	**79-119**			

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Lori A. Zboralski
Reviewed By

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-Aug-12 12:40

VOA - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1229012 - Volatile Organics No-Prep										
Matrix Spike (1229012-MS1)	**Source: T207012-08**			Prepared & Analyzed: 18-Jul-12						
o-Xylene	**20**		**ug/L**	**20.0**	**ND**	**97.8**	**80-120**			
Styrene	**19**		**ug/L**	**20.0**	**ND**	**95.2**	**78-129**			
Tetrachloroethene	**21**		**ug/L**	**20.0**	**ND**	**104**	**81-126**			
Toluene	**23**		**ug/L**	**20.0**	**ND**	**114**	**87-127**			
Surrogate: Toluene-d8	*22*		ug/L	*20.0*		*108*	*82-127*			
trans-1,2-Dichloroethene	**23**		**ug/L**	**20.0**	**ND**	**116**	**85-120**			
trans-1,3-Dichloropropene	**19**		**ug/L**	**20.0**	**ND**	**97.5**	**82-130**			
Trichloroethene	**20**		**ug/L**	**20.0**	**ND**	**102**	**84-123**			
Vinyl Chloride	**34 J**		**ug/L**	**20.0**	**2.0**	**159**	**68-127**			
Matrix Spike Dup (1229012-MSD1)	**Source: T207012-08**			Prepared & Analyzed: 18-Jul-12						
1,1,1-Trichloroethane	**27 J**		**ug/L**	**20.0**	**ND**	**134**	**82-121**	**2.35**	**20**	
1,1,2,2-Tetrachloroethane	**22**		**ug/L**	**20.0**	**ND**	**108**	**77-137**	**1.20**	**20**	
1,1,2-Trichloroethane	**20**		**ug/L**	**20.0**	**ND**	**102**	**88-125**	**0.968**	**20**	
1,1-Dichloroethane	**24**		**ug/L**	**20.0**	**ND**	**122**	**86-124**	**0.441**	**20**	
1,1-Dichloroethene	**23**		**ug/L**	**20.0**	**ND**	**117**	**87-114**	**1.20**	**20**	
1,2-Dibromoethane	**20**		**ug/L**	**20.0**	**ND**	**101**	**80-120**	**0.401**	**20**	
1,2-Dichlorobenzene	**19**		**ug/L**	**20.0**	**ND**	**96.5**	**79-140**	**3.49**	**20**	
1,2-Dichloroethane	**29**		**ug/L**	**20.0**	**ND**	**147**	**85-130**	**8.30**	**20**	
Surrogate: 1,2-Dichloroethane-d4	*24*		ug/L	*20.0*		*119*	*26-175*			
1,2-Dichloropropane	**23**		**ug/L**	**20.0**	**ND**	**116**	**88-131**	**1.08**	**20**	
1,3-Dichlorobenzene	**19**		**ug/L**	**20.0**	**ND**	**95.3**	**82-133**	**4.47**	**20**	
1,4-Dichlorobenzene	**19**		**ug/L**	**20.0**	**ND**	**96.1**	**62-138**	**2.77**	**20**	
2-Hexanone	**190**		**ug/L**	**200**	**ND**	**96.1**	**70-138**	**0.517**	**20**	
Surrogate: 4-Bromofluorobenzene	*19*		ug/L	*20.0*		*96.7*	*86-126*			
4-Methyl-2-pentanone	**220**		**ug/L**	**200**	**ND**	**108**	**66-134**	**2.26**	**20**	
Acetone	**220**		**ug/L**	**200**	**2.7**	**111**	**79-126**	**0.632**	**20**	
Benzene	**23**		**ug/L**	**20.0**	**ND**	**114**	**87-122**	**0.505**	**20**	
Bromodichloromethane	**23**		**ug/L**	**20.0**	**ND**	**115**	**84-130**	**2.68**	**20**	
Bromoform	**16**		**ug/L**	**20.0**	**ND**	**81.2**	**76-134**	**0.339**	**20**	
Bromomethane	**22**		**ug/L**	**20.0**	**ND**	**111**	**64-147**	**4.77**	**20**	
Carbon Tetrachloride	**23**		**ug/L**	**20.0**	**ND**	**116**	**80-120**	**0.698**	**20**	
Chlorobenzene	**20**		**ug/L**	**20.0**	**ND**	**101**	**87-124**	**0.155**	**20**	

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Reviewed By

VOA - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1229012 - Volatile Organics No-Prep										
Matrix Spike Dup (1229012-MSD1)	**Source: T207012-08**			Prepared & Analyzed: 18-Jul-12						
Chloroethane	**24**		**ug/L**	**20.0**	**ND**	**119**	**61-140**	**0.851**	**20**	
Chloroform	**24**		**ug/L**	**20.0**	**ND**	**122**	**88-121**	**1.45**	**20**	
Chloromethane	**23**		**ug/L**	**20.0**	**ND**	**116**	**69-126**	**0.980**	**20**	
cis-1,2-Dichloroethene	**24**		**ug/L**	**20.0**	**0.5**	**116**	**96-116**	**1.19**	**20**	
cis-1,3-Dichloropropene	**21**		**ug/L**	**20.0**	**ND**	**107**	**80-129**	**1.22**	**20**	
Dibromochloromethane	**19**		**ug/L**	**20.0**	**ND**	**92.8**	**81-130**	**1.23**	**20**	
Surrogate: Dibromofluoromethane	*23*		ug/L	*20.0*		*116*	*81-130*			
Ethylbenzene	**20**		**ug/L**	**20.0**	**ND**	**99.4**	**85-134**	**0.158**	**20**	
m/p-Xylene	**40**		**ug/L**	**40.0**	**ND**	**99.9**	**93-120**	**2.86**	**20**	
Methylene Chloride	**22**		**ug/L**	**20.0**	**ND**	**112**	**79-119**	**8.42**	**20**	
o-Xylene	**20**		**ug/L**	**20.0**	**ND**	**98.7**	**80-120**	**0.957**	**20**	
Styrene	**20**		**ug/L**	**20.0**	**ND**	**98.4**	**78-129**	**3.29**	**20**	
Tetrachloroethene	**21**		**ug/L**	**20.0**	**ND**	**106**	**81-126**	**2.27**	**20**	
Toluene	**25**		**ug/L**	**20.0**	**ND**	**125**	**87-127**	**8.95**	**20**	
Surrogate: Toluene-d8	*22*		ug/L	*20.0*		*110*	*82-127*			
trans-1,2-Dichloroethene	**23**		**ug/L**	**20.0**	**ND**	**115**	**85-120**	**0.248**	**20**	
trans-1,3-Dichloropropene	**19**		**ug/L**	**20.0**	**ND**	**97.4**	**82-130**	**0.101**	**20**	
Trichloroethene	**21**		**ug/L**	**20.0**	**ND**	**106**	**84-123**	**3.55**	**20**	
Vinyl Chloride	**35 J**		**ug/L**	**20.0**	**2.0**	**164**	**68-127**	**2.83**	**20**	

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-Aug-12 12:40

Notes and Definitions

J	The result is an estimated concentration.
U	Analyte Not Detected at or above the associated value
UJ	Analyte Not Detected at or above the associated estimated value
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

CHAIN OF CUSTODY

City of Tacoma Environmental Services
326 East D Street
Tacoma
WA, 98421-1801
phone (253) 502-2130
fax (253) 502-2170

COC Number
Lab Work Order Number T207012

Client Name	Project Name
PW Science and Engineering	Sauro Property RIFS
Client Contact	**Project Number**
Calvin Taylor	CIP-00020-01-03
Address	**Project Description**
326 East D Street	Sauro Property Monitoring Wells
City	**PO Number**
Tacoma	61000055543
State/Zip	**Shipped By**
WA, 98421	
Phone / **Fax**	**Tracking Number**
(253) 593-7711 / (253) 502-2295	
Sampler	**Sampler Signature**
Bill Essmeier, Ken Nelson	Bill Essmeier

Requested Analyses: 8260B VOCs

Requested Turn Around: Rush requests subject to additional charge. Rush requests subject to lab approval.
Standard (days): 21
Expedited (days):
Due Date: 7/25/2012 15:00

Sample Name or Field ID	Sampled Date	Sampled Time	Sample Type Code	Matrix Code	Container Count	Preservation Code 1	Sample Comments
Trip Blank	7-3-12	1200	G	W	3	3	
MW1-PP	"	1300	G	W	3	3	
MW2-PP	"	1312	G	W	3	3	
MW13-(51.5)	"	1420	G	W	3	3	
LAI-MW1-(63)	7-16-12	955	G	W	6	6	
LAI-MW2-(65)	7-3-12	1355	G	W	3	3	
LAI-MW3-(75)	"	1406	G	W	3	3	
LAI-MW4-(25) QC	"	1253	G	W	6 3	6 3 BE 7-3-12	
LAI-MW5-(42)	"	1428	G	W	3	3	
LAI-MW5-(50)	"	1430	G	W	3	3	
RNS-MW2-(21.5)	"	1322	G	W	3	3	
RNS-MW2-(38.5)	"	1325	G	W	3	3	

Relinquished By	Date/Time	Received By	Date/Time
Bill Essmeier	7-5-12 1700		7/5/12 11:00
Relinquished By	Date/Time	Received By	Date/Time
Relinquished By	Date/Time	Received By	Date/Time

Sample Kit Prepared By: Bill Essmeier
Date/Time: 7/3/2012

Comments: No sample for LAI-MW1 on 7/3/12. PDB failed.

Cooler Numbers and Temperatures

Matrix Codes: W=Water

Preserv. Codes: 1=HCl<2, Cool <6°C

CHAIN OF CUSTODY

City of Tacoma Environmental Services
326 East D Street
Tacoma
WA, 98421-1801
phone (253) 502-2130
fax (253) 502-2170

COC Number

Lab Work Order Number T207012

Client Name: PW Science and Engineering		Project Name: Sauro Property RIFS	
Client Contact: Calvin Taylor		Project Number: CIP-00020-01-03	
Address: 326 East D Street		Project Description: Sauro Property Monitoring Wells	
City: Tacoma		PO Number: 61000055543	
State/Zip: WA, 98421		Shipped By:	
Phone: (253) 593-7711	Fax: (253) 502-2295	Tracking Number:	
Sampler:		Sampler Signature: Bill Esmeier	

Requested Analyses: 8260B

Requested Turn Around

Rush requests subject to additional charge.

Rush requests subject to lab approval.

Standard (days): 21

Expedited (days):

Due Date: 7/25/2012 15:00

Sample Name or Field ID	Sampled Date	Sampled Time	Sample Type Code	Matrix Code	Container Count	Preservation Code 1	Sample Comments
RNS-MW6-(42.5)	7/3/2012	13:38	G	W	3	3	
RNS-MW6-(52.5)	7/3/2012	13:43	G	W	3	3	
MW1-PP DUP 7/3/~~7/16/2012~~		1302	G	W	3	3	
Trip Blank	7/16/2012	955	G	W	3	3	
BE 7/17/12							

Relinquished By: Bill Esmeier 7-16-12	Date/Time: 11:10	Received By:	Date/Time: 11:10	Sample Kit Prepared By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:	Comments:	
Relinquished By:	Date/Time:	Received By:	Date/Time:		
Cooler Numbers and Temperatures:					

Matrix Codes: W=Water

Preserv. Codes: 1=HCl<2, Cool <6°C

Sauro Property Field data

Well	Level	Date	Time	Notes T207012 b1227034
	July 2012			
MW1-PP	16.67	7-3-12	1300	6 vials - 3 for DUP
Pre-sample purge	16.60	7-2-12	1245	2,785 mL
MW2-PP	15.71	~~7-3-12~~	1312	3 vials
Pre-sample purge	15.78	7-2-12	1310	770 mL
MW13-(51.5)	38.80	7-3-12	1420	3 vials
LAI-MW1-(63) ~~22~~	~~44.00~~	~~7-3-12~~	~~1440~~	~~3 vials~~ Broken PDB. Re-load!
	43.85	7-16-12	955	
LAI-MW2-(65)	43.90	7-3-12	1355	3 vials
LAI-MW3-(75)	50.73	7-3-12	1406	3 vials
LAI-MW4-(25)	12.29	7-3-12	1253	6 vials
LAI-MW5-(42)	24.13	7-3-12	14:28	3 vials
LAI-MW5-(50)	24.13	7-3-12	14:30	3 vials
RNS-MW2-(21.5)	16.85	7-3-12	1322	3 vials
RNS-MW2-(38.5)	16.85	7-3-12	1325	3 vials
RNS-MW6-(42.5)	35.85	7-3-12	13:38	3 vials
RNS-MW6-(52.5)	35.85	7-3-12	13:43	3 vials
Trip Blank		7-3-12	1200	3 vials

MW1-PP DUP	16.67	1302	7-3-12	DUP
LAI-MW4-(25)	12.29	7-3-12	1253	QC

Bill E & Ken Nelson samplers.

Login Review: KN 03JUL12

INVOICE

T207012

Invoice To:
Calvin Taylor
PW Science and Engineering
326 East D Street
Tacoma, WA 98421

Invoice Number: T207012-PWSED
Invoiced On: 31-Jul-12
Received: 16-Jul-12
Project: Sauro Property RIFS

PO Number: 61000055543
Client Contact: Calvin Taylor - PW Science and Engineering
Lab Contact: Gregory Perez - Environmental Services Laboratory

Quantity	Analysis/Description	Matrix	Unit Cost	Extended Cost
Environmental Services Laboratory				
13	Water Level	Water	$10.00	$130.00
16	VOA_8260	Water	$160.00	$2,560.00
5	VOA_8260 - Reruns	Water	$0.00	$0.00
Additional Items				
1	QA/QC Charge			$269.00
			Invoice Total:	**$2,959.00**

City of Tacoma
Environmental Services Laboratory

06 November 2012

Calvin Taylor
PW Science and Engineering
326 East D Street
Tacoma, WA 98421

Subject: Sauro Property RIFS

Enclosed are the analytical results for samples collected 10/09/2012.

Quality Control Data are included with the sample results for your review.

If you have any questions concerning this report, call me at (253)502-2130. Please note that remaining samples associated with this report will be discarded 3 months from the date of this report unless we are notified otherwise.

Sincerely,

Stuart Magoon
Assistant Division Manager
Environmental Services Laboratory

cc.

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: C1P-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	06-Nov-12 10:54

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled
Trip Blank	T210008-01	Water	09-Oct-12 09:00
MW1-PP	T210008-02	Water	09-Oct-12 12:10
MW2-PP	T210008-03	Water	09-Oct-12 12:00
MW13-(51.5)	T210008-04	Water	09-Oct-12 10:05
LAI-MW1-(63)	T210008-05	Water	09-Oct-12 11:05
LAI-MW2-(65)	T210008-06	Water	09-Oct-12 10:40
LAI-MW3-(75)	T210008-07	Water	09-Oct-12 10:50
LAI-MW4-(25)	T210008-08	Water	09-Oct-12 09:50
LAI-MW5-(42)	T210008-09	Water	09-Oct-12 11:10
LAI-MW5-(50)	T210008-10	Water	09-Oct-12 11:15
RNS-MW2-(21.5)	T210008-11	Water	09-Oct-12 11:42
RNS-MW2-(38.5)	T210008-12	Water	09-Oct-12 11:50
RNS-MW6-(42.5)	T210008-13	Water	09-Oct-12 10:19
RNS-MW6-(52.5)	T210008-14	Water	09-Oct-12 10:24
MW13-(51.5) DUP	T210008-15	Water	09-Oct-12 10:06

CHAIN OF CUSTODY

The samples were received under appropriate Chain of Custody procedures.

SAMPLE RECEIPT, PRESERVATION AND STORAGE

Samples were properly preserved and stored in accordance with the applicable method requirements.

HOLDING TIMES

All analyses were performed within the required holding times.

METHODS

The samples were analyzed by the following method:

EPA Method 8260B for Volatile Organics

METHOD DETECTION LIMITS

All analytes are reported to the Method Detection Limit (MDL). Values below the Practical Quantitation Limits (PQL) are qualified as estimated (J) and may not be as precise as values reported greater than the PQL (the low standard or 3 - 5 times the MDL).

BLANKS

Blanks were analyzed at the required frequencies of the methods. Sample T210008-01 was a Trip Blank. The blanks met the project criteria **except for the following:**

Lab ID	Analyte	Amount (ug/L)	AssociatedSamples	Qualifier
1241033-BLK1	**Bromomethane**	**0.4J**	**-01, -02, -03, -05, -08, -09, -10, -11, -12, -13, and -15**	**UJ**
	Methylene Chloride	**0.2J**	**-01, -02, -03, -04, -05, -06, -07, -08, -09, -10, -11, -12, -13, -14, and -15**	**UJ**
T210008-01 Trip Blank	**1,3-Dichlorobenzene**	**0.1J**	**-09**	**UJ**
	1,4-Dichlorobenzene	**0.1J**	**-09**	**UJ**
	Acetone	**4.3J**	**-02, -03, -04, -05, -06, -07, -08, -09, -10, -11, -12, -13, -14, and -15**	**UJ**

Lab ID	Analyte	Amount (ug/L)	AssociatedSamples	Qualifier
T210008-01 Trip Blank	**Carbon Disulfide**	**0.1J**	**-02, -03, -09, -10, -14, and -15**	**UJ**

For the analytes listed above the associated samples are qualified (UJ) as not detected at the estimated reported values.

SURROGATE COMPOUNDS

Surrogate compounds were added to each sample to monitor system performance. Surrogate recoveries were within the project limits.

CONTINUING CALIBRATION VERIFICATION

The continuing calibration met method 8270 requirements with recoveries inside the limits of 80-120% except for the following

Lab ID	Analyte	%REC	Limits
T2J0904-CCV1	Carbon Tetrachloride	121*	80-120%

*out of range

Carbon Tetrachloride was not detected in any of the samples and no results warrant qualification for the high Continuing Calibration Verification.

LABORATORY CONTROL SAMPLES

Laboratory Control Samples were analyzed with these samples for all parameters. The recoveries for all associated LCS were within the project limits.

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE ANALYSIS

Matrix Spike and/or Matrix Spike Duplicate analysis was performed with these samples. The recoveries were within the project limits except for the following:

Analyte	MS %REC	MSD %REC	%REC Limits	RPD	RPD Limits
Bromomethane	84.2	58.5*	64-147	35.3*	20
Trichlorofluoromethane	110	66.6*	80-120	49.1*	20
Acrolein	90.1	63.2*	66-141	35.9*	20
1,1-Dichloroethene	110	73.5*	87-114	39.5*	20
Acetone	99.0	69.0*	79-126	33.5*	20
Methylene Chloride	95.5	68.6*	79-119	32.3*	20
Acrylonitrile	98.9	63.2*	86-124	32.4*	20

Analyte	MS %REC	MSD %REC	%REC Limits	RPD	RPD Limits
trans-1,2-Dichloroethane	110	73.5*	85-120	39.5*	20
1,1-Dichloroethane	107	70.7*	86-124	40.8*	20
Cis-1,2-Dichloroethene	115	74.6*	96-116	40.8*	20
Chloroform	115	77.7*	88-121	38.5*	20
1,1,1-Trichloroethane	113	72.6*	82-121	43.2*	20
Carbon Tetrachloride	113	74.7*	80-120	41.1*	20
Benzene	109	72.1*	87-122	40.3*	20
1,2-Dichloroethane	111	72.5*	85-130	42.0*	20
Trichloroetene	119	76.6*	84-123	43.6*	20
1,2-Dichloropropane	111	70.9*	88-131	44.3*	20
Bromodichloromethane	112	71.3*	84-130	44.3*	20
cis-1,3-Dichloropropene	117	72.1*	80-129	47.2*	20
Toluene	116	70.9*	87-127	47.2*	20
trans-1,3-Dichloropropene	106	75.2*	82-130	33.8*	20
1,1,2-Trichloroethane	102	74.6*	88-125	30.7*	20
Tetrachloroetene	112	74.2*	81-126	40.7*	20
Dibromochloromethand	105	71.7*	81-130	37.9*	20
1,2-Dibromoethane	103	74.2*	80-120	32.7*	20
Chlorobenzene	108	74.9*	87-124	35.9*	20
Ethylbenzene	107	69.1*	85-134	41.5*	20
m/p-Xylene	110	74.4*	93-120	38.5*	20
o-Xylene	110	70.7*	80-120	43.2*	20
Styrene	115	72.7*	78-129	45.3*	20
Bromoform	102	67.3*	76-134	41.1*	20
1,1,2,2-Tetrachloroethane	95.5	66.0*	77-137	36.4*	20
1,3-Dichlorobenzene	115	70.9*	82-133	47.5*	20
1,2-Dichlorobenzene	111	72.6*	79-140	42.2*	20

*out of range

No qualification is warranted based on just the Matrix Spike Duplicates recoveries or high RPD data.

INTERNAL STANDARDS

Internal Standards were added to these samples for quantitation purposes. The Area counts of these standards must not vary more than a factor of two from the mid-point standard of the calibration curve according to the method. The retention times must not vary by more than 30 seconds. No compounds varied by more than 30 seconds retention time. The internal standard criteria were met for these samples.

DATA AVAILABILITY

All data associated with the samples contained in this report are archived at the Environmental Services Laboratory and are available upon request.

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	07-Nov-12 09:13

Trip Blank
T210008-01 (Water)
09-Oct-12 09:00

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1-Dichloroethene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichlorobenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,3-Dichlorobenzene	**0.1 J**	0.5	0.09	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,4-Dichlorobenzene	**0.1 J**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acetone	**4.3 J**	5.0	1.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acrylonitrile	0.5 U	5.0	0.5	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Benzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromomethane	**0.6 UJ**	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Carbon Disulfide	**0.1 J**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloroform	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloromethane	**0.1 J**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
cis-1,2-Dichloroethene	0.1 U	0.2	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
m/p-Xylene	0.4 U	1.0	0.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Methylene Chloride	**0.3 UJ**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Styrene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	06-Nov-12 10:54

Trip Blank
T210008-01 (Water)
09-Oct-12 09:00

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
Tetrachloroethene	0.2 U	0.2	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Toluene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
trans-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Trichloroethene	0.07 U	0.2	0.07	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Vinyl Chloride	0.1 U	0.2	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*26-175*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*99.9 %*	*86-126*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*107 %*	*81-130*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: Toluene-d8		*99.7 %*	*82-127*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	06-Nov-12 10:54

MW1-PP
T210008-02 (Water)
09-Oct-12 12:10

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**19.2**	0.00		Feet		09-Oct-12	Field Measurement
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1-Dichloroethene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichlorobenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,3-Dichlorobenzene	0.09 U	0.5	0.09	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acetone	**5.0 UJ**	5.0	1.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acrylonitrile	0.5 U	5.0	0.5	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Benzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromomethane	**0.3 UJ**	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Carbon Disulfide	**0.2 UJ**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloroform	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloromethane	0.1 UJ	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
cis-1,2-Dichloroethene	**0.6**	0.2	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
m/p-Xylene	0.4 U	1.0	0.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	06-Nov-12 10:54

MW1-PP
T210008-02 (Water)
09-Oct-12 12:10

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Methylene Chloride	**0.6 UJ**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Styrene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Tetrachloroethene	0.2 U	0.2	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Toluene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
trans-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Trichloroethene	0.07 U	0.2	0.07	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Vinyl Chloride	0.1 U	0.2	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*26-175*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*99.9 %*	*86-126*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*105 %*	*81-130*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: Toluene-d8		*103 %*	*82-127*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	06-Nov-12 10:54

MW2-PP
T210008-03 (Water)
09-Oct-12 12:00

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**17.0**	0.00		Feet		09-Oct-12	Field Measurement
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1-Dichloroethene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichlorobenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,3-Dichlorobenzene	0.09 U	0.5	0.09	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acetone	**4.3 UJ**	5.0	1.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acrylonitrile	0.5 U	5.0	0.5	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Benzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromomethane	**0.3 UJ**	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Carbon Disulfide	**0.1 UJ**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloroform	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloromethane	**0.2 J**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
cis-1,2-Dichloroethene	**2.3**	0.2	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
m/p-Xylene	0.4 U	1.0	0.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	06-Nov-12 10:54

MW2-PP
T210008-03 (Water)
09-Oct-12 12:00

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Methylene Chloride	**0.4 UJ**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Styrene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Tetrachloroethene	**0.9**	0.2	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Toluene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
trans-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Trichloroethene	**1.0**	0.2	0.07	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Vinyl Chloride	**0.2**	0.2	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*26-175*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*95.6 %*	*86-126*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*99.8 %*	*81-130*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: Toluene-d8		*101 %*	*82-127*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	06-Nov-12 10:54

MW13-(51.5)
T210008-04 (Water)
09-Oct-12 10:05

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**39.7**	0.00		Feet		09-Oct-12	Field Measurement
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1-Dichloroethene	**1.4**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichlorobenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,3-Dichlorobenzene	0.09 U	0.5	0.09	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acetone	**11**	5.0	1.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acrylonitrile	0.5 U	5.0	0.5	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Benzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromomethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloroform	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloromethane	**0.2 J**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
cis-1,2-Dichloroethene	**120**	2.0	1.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
m/p-Xylene	0.4 U	1.0	0.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	06-Nov-12 10:54

MW13-(51.5)
T210008-04 (Water)
09-Oct-12 10:05

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Methylene Chloride	**0.3 UJ**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Styrene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Tetrachloroethene	**480**	5.0	4.6	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Toluene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
trans-1,2-Dichloroethene	**1.4**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Trichloroethene	**140**	2.0	0.7	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Vinyl Chloride	**0.8**	0.2	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*26-175*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*96.1 %*	*86-126*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*100 %*	*81-130*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: Toluene-d8		*101 %*	*82-127*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	06-Nov-12 10:54

LAI-MW1-(63)
T210008-05 (Water)
09-Oct-12 11:05

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**45.0**	0.00		Feet		09-Oct-12	Field Measurement
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1-Dichloroethene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichlorobenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,3-Dichlorobenzene	0.09 U	0.5	0.09	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acetone	**11**	5.0	1.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acrylonitrile	0.5 U	5.0	0.5	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Benzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromomethane	**0.2 UJ**	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloroform	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloromethane	**0.2 J**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
cis-1,2-Dichloroethene	0.1 U	0.2	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
m/p-Xylene	0.4 U	1.0	0.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	06-Nov-12 10:54

LAI-MW1-(63)
T210008-05 (Water)
09-Oct-12 11:05

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Methylene Chloride	**0.3 UJ**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Styrene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Tetrachloroethene	0.2 U	0.2	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Toluene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
trans-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Trichloroethene	0.07 U	0.2	0.07	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Vinyl Chloride	0.1 U	0.2	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*26-175*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*97.8 %*	*86-126*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*106 %*	*81-130*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: Toluene-d8		*102 %*	*82-127*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	06-Nov-12 10:54

LAI-MW2-(65)
T210008-06 (Water)
09-Oct-12 10:40

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**44.6**	0.00		Feet		09-Oct-12	Field Measurement
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1-Dichloroethene	**1.6**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichlorobenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,3-Dichlorobenzene	0.09 U	0.5	0.09	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acetone	**8.8 UJ**	5.0	1.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acrylonitrile	0.5 U	5.0	0.5	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Benzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromomethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloroform	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloromethane	**0.2 J**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
cis-1,2-Dichloroethene	**150**	2.0	1.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
m/p-Xylene	0.4 U	1.0	0.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	06-Nov-12 10:54

LAI-MW2-(65)
T210008-06 (Water)
09-Oct-12 10:40

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Methylene Chloride	**0.2 UJ**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Styrene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Tetrachloroethene	**410**	2.0	1.8	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Toluene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
trans-1,2-Dichloroethene	**1.6**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Trichloroethene	**140**	2.0	0.7	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Vinyl Chloride	**0.8**	0.2	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*26-175*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*99.9 %*	*86-126*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*105 %*	*81-130*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: Toluene-d8		*102 %*	*82-127*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	06-Nov-12 10:54

LAI-MW3-(75)
T210008-07 (Water)
09-Oct-12 10:50

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**51.2**	0.00		Feet		09-Oct-12	Field Measurement
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1-Dichloroethene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichlorobenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,3-Dichlorobenzene	0.09 U	0.5	0.09	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acetone	**4.4 UJ**	5.0	1.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acrylonitrile	0.5 U	5.0	0.5	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Benzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromomethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloroform	**0.3 J**	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloromethane	**0.2 J**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
cis-1,2-Dichloroethene	**15**	0.2	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
m/p-Xylene	0.4 U	1.0	0.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	06-Nov-12 10:54

LAI-MW3-(75)
T210008-07 (Water)
09-Oct-12 10:50

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Methylene Chloride	**0.3 UJ**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Styrene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Tetrachloroethene	**5.1**	0.2	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Toluene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
trans-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Trichloroethene	**4.2**	0.2	0.07	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Vinyl Chloride	0.1 U	0.2	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*99.6 %*	*26-175*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*97.9 %*	*86-126*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*103 %*	*81-130*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: Toluene-d8		*100 %*	*82-127*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	06-Nov-12 10:54

LAI-MW4-(25)
T210008-08 (Water)
09-Oct-12 09:50

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**12.6**	0.00		Feet		09-Oct-12	Field Measurement
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1-Dichloroethene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichlorobenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,3-Dichlorobenzene	0.09 U	0.5	0.09	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acetone	**12**	5.0	1.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acrylonitrile	**1.1 J**	5.0	0.5	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Benzene	**0.3 J**	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromomethane	**0.3 UJ**	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloroform	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloromethane	**0.2 J**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
cis-1,2-Dichloroethene	**0.8**	0.2	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Ethylbenzene	**0.6**	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
m/p-Xylene	**0.5 J**	1.0	0.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	06-Nov-12 10:54

LAI-MW4-(25)
T210008-08 (Water)
09-Oct-12 09:50

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Methylene Chloride	**0.3 UJ**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Styrene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Tetrachloroethene	0.2 U	0.2	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Toluene	**0.3 J**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
trans-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Trichloroethene	0.07 U	0.2	0.07	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Vinyl Chloride	0.1 U	0.2	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*26-175*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*98.9 %*	*86-126*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*103 %*	*81-130*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: Toluene-d8		*102 %*	*82-127*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	06-Nov-12 10:54

LAI-MW5-(42)
T210008-09 (Water)
09-Oct-12 11:10

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**25.0**	0.00		Feet		09-Oct-12	Field Measurement
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1-Dichloroethene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichlorobenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,3-Dichlorobenzene	**0.1 UJ**	0.5	0.09	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,4-Dichlorobenzene	**0.1 UJ**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acetone	**12**	5.0	1.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acrylonitrile	0.5 U	5.0	0.5	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Benzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromomethane	**0.8 UJ**	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Carbon Disulfide	**0.3 UJ**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloroform	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloromethane	**0.2 J**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
cis-1,2-Dichloroethene	**0.1 J**	0.2	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
m/p-Xylene	0.4 U	1.0	0.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	06-Nov-12 10:54

LAI-MW5-(42)
T210008-09 (Water)
09-Oct-12 11:10

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Methylene Chloride	**0.3 UJ**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Styrene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Tetrachloroethene	0.2 U	0.2	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Toluene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
trans-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Trichloroethene	0.07 U	0.2	0.07	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Vinyl Chloride	**0.1 J**	0.2	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*26-175*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*99.4 %*	*86-126*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*106 %*	*81-130*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: Toluene-d8		*101 %*	*82-127*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: ClP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	06-Nov-12 10:54

LAI-MW5-(50)
T210008-10 (Water)
09-Oct-12 11:15

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**25.0**	0.00		Feet		09-Oct-12	Field Measurement
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1-Dichloroethene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichlorobenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,3-Dichlorobenzene	0.09 U	0.5	0.09	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acetone	**10 UJ**	5.0	1.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acrylonitrile	0.5 U	5.0	0.5	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Benzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromomethane	**0.7 UJ**	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Carbon Disulfide	**0.2 UJ**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloroform	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloromethane	**0.2 J**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
cis-1,2-Dichloroethene	**0.1 J**	0.2	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
m/p-Xylene	0.4 U	1.0	0.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	06-Nov-12 10:54

LAI-MW5-(50)
T210008-10 (Water)
09-Oct-12 11:15

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Methylene Chloride	**0.3 UJ**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Styrene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Tetrachloroethene	0.2 U	0.2	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Toluene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
trans-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Trichloroethene	0.07 U	0.2	0.07	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Vinyl Chloride	0.1 U	0.2	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*99.5 %*	*26-175*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*102 %*	*86-126*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*104 %*	*81-130*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: Toluene-d8		*107 %*	*82-127*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*

PW Science and Engineering	Project: Sauro Property RIFS	
326 East D Street	Project Number: CIP-00020-01-03	Reported:
Tacoma WA, 98421	Project Manager: Calvin Taylor	06-Nov-12 10:54

RNS-MW2-(21.5)
T210008-11 (Water)
09-Oct-12 11:42

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**18.8**	0.00		Feet		09-Oct-12	Field Measurement
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1-Dichloroethene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichlorobenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,3-Dichlorobenzene	0.09 U	0.5	0.09	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
2-Butanone	**1.4 J**	5.0	1.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acetone	**9.3 UJ**	5.0	1.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acrylonitrile	0.5 U	5.0	0.5	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Benzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromomethane	**0.5 UJ**	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloroform	**0.2 J**	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloromethane	**0.2 J**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
cis-1,2-Dichloroethene	**0.3**	0.2	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
m/p-Xylene	0.4 U	1.0	0.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	06-Nov-12 10:54

RNS-MW2-(21.5)
T210008-11 (Water)
09-Oct-12 11:42

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Methylene Chloride	**0.2 UJ**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Styrene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Tetrachloroethene	**28**	0.2	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Toluene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
trans-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Trichloroethene	**1.0**	0.2	0.07	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Vinyl Chloride	0.1 U	0.2	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*90.9 %*	*26-175*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*97.6 %*	*86-126*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*90.2 %*	*81-130*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: Toluene-d8		*102 %*	*82-127*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	06-Nov-12 10:54

RNS-MW2-(38.5)
T210008-12 (Water)
09-Oct-12 11:50

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**18.8**	0.00		Feet		09-Oct-12	Field Measurement
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1-Dichloroethene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichlorobenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,3-Dichlorobenzene	0.09 U	0.5	0.09	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acetone	**11**	5.0	1.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acrylonitrile	0.5 U	5.0	0.5	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Benzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromomethane	**0.4 UJ**	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloroform	**0.3 J**	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloromethane	**0.2 J**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
cis-1,2-Dichloroethene	**0.2**	0.2	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
m/p-Xylene	0.4 U	1.0	0.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	06-Nov-12 10:54

RNS-MW2-(38.5)
T210008-12 (Water)
09-Oct-12 11:50

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Methylene Chloride	**0.2 UJ**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Styrene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Tetrachloroethene	**25**	0.2	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Toluene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
trans-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Trichloroethene	**1.0**	0.2	0.07	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Vinyl Chloride	0.1 U	0.2	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*26-175*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*98.0 %*	*86-126*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*104 %*	*81-130*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: Toluene-d8		*103 %*	*82-127*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	06-Nov-12 10:54

RNS-MW6-(42.5)
T210008-13 (Water)
09-Oct-12 10:19

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**36.8**	0.00		Feet		09-Oct-12	Field Measurement
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1-Dichloroethene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichlorobenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,3-Dichlorobenzene	0.09 U	0.5	0.09	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acetone	**12**	5.0	1.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acrylonitrile	0.5 U	5.0	0.5	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Benzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromomethane	**0.2 UJ**	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloroform	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloromethane	**0.2 J**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
cis-1,2-Dichloroethene	**21**	0.2	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
m/p-Xylene	0.4 U	1.0	0.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	06-Nov-12 10:54

RNS-MW6-(42.5)
T210008-13 (Water)
09-Oct-12 10:19

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Methylene Chloride	**0.7 UJ**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Styrene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Tetrachloroethene	**120**	2.0	1.8	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Toluene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
trans-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Trichloroethene	**43**	2.0	0.7	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Vinyl Chloride	0.1 U	0.2	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*98.6 %*	*26-175*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*100 %*	*86-126*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*102 %*	*81-130*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: Toluene-d8		*102 %*	*82-127*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	06-Nov-12 10:54

RNS-MW6-(52.5)
T210008-14 (Water)
09-Oct-12 10:24

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**36.8**	0.00		Feet		09-Oct-12	Field Measurement
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1-Dichloroethene	**0.6**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichlorobenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,3-Dichlorobenzene	0.09 U	0.5	0.09	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acetone	**6.8 UJ**	5.0	1.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acrylonitrile	0.5 U	5.0	0.5	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Benzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromomethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloroform	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloromethane	**0.2 J**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
cis-1,2-Dichloroethene	**93**	2.0	1.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
m/p-Xylene	0.4 U	1.0	0.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	06-Nov-12 10:54

RNS-MW6-(52.5)
T210008-14 (Water)
09-Oct-12 10:24

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Methylene Chloride	**0.2 UJ**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Styrene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Tetrachloroethene	**1400**	10	9.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Toluene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
trans-1,2-Dichloroethene	**0.6**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Trichloroethene	**250**	2.0	0.7	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Vinyl Chloride	**0.1 J**	0.2	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*26-175*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*97.3 %*	*86-126*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*105 %*	*81-130*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: Toluene-d8		*100 %*	*82-127*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	06-Nov-12 10:54

MW13-(51.5) DUP
T210008-15 (Water)
09-Oct-12 10:06

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,1-Dichloroethene	**1.4**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichlorobenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,3-Dichlorobenzene	0.09 U	0.5	0.09	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acetone	**11**	5.0	1.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Acrylonitrile	0.5 U	5.0	0.5	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Benzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Bromomethane	**0.2 UJ**	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloroform	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Chloromethane	**0.1 J**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
cis-1,2-Dichloroethene	**110**	2.0	1.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
m/p-Xylene	0.4 U	1.0	0.4	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Methylene Chloride	**0.3 UJ**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Styrene	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	06-Nov-12 10:54

MW13-(51.5) DUP
T210008-15 (Water)
09-Oct-12 10:06

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
Tetrachloroethene	**500**	5.0	4.6	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Toluene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
trans-1,2-Dichloroethene	**1.4**	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Trichloroethene	**120**	2.0	0.7	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Vinyl Chloride	**0.7**	0.2	0.1	ug/L	16-Oct-12	16-Oct-12	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*26-175*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*98.8 %*	*86-126*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*105 %*	*81-130*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*
Surrogate: Toluene-d8		*101 %*	*82-127*		*16-Oct-12*	*16-Oct-12*	*EPA 8260C*

VOA - Quality Control

Environmental Services Laboratory

Sample ID Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1241033 - Volatile Organics No-Prep										
Blank (1241033-BLK1)				Prepared & Analyzed: 16-Oct-12						
1,1,1-Trichloroethane	0.2 U	0.2	ug/L							
1,1,2,2-Tetrachloroethane	0.2 U	0.2	ug/L							
1,1,2-Trichloroethane	0.3 U	0.3	ug/L							
1,1,2-Trichlorotrifluoroethane	0.3 U	0.3	ug/L							
1,1-Dichloroethane	0.1 U	0.1	ug/L							
1,1-Dichloroethene	0.1 U	0.1	ug/L							
1,2-Dibromoethane	0.2 U	0.2	ug/L							
1,2-Dichlorobenzene	0.2 U	0.2	ug/L							
1,2-Dichloroethane	0.1 U	0.1	ug/L							
Surrogate: 1,2-Dichloroethane-d4	*20*		ug/L	*20.0*		*102*	*26-175*			
1,2-Dichloropropane	0.2 U	0.2	ug/L							
1,3-Dichlorobenzene	0.09 U	0.09	ug/L							
1,4-Dichlorobenzene	0.1 U	0.1	ug/L							
2-Butanone	1.4 U	1.4	ug/L							
2-Hexanone	2.4 U	2.4	ug/L							
Surrogate: 4-Bromofluorobenzene	*20*		ug/L	*20.0*		*98.5*	*86-126*			
4-Methyl-2-pentanone	1.8 U	1.8	ug/L							
Acetone	1.3 U	1.3	ug/L							
Acrolein	1.3 U	1.3	ug/L							
Acrylonitrile	0.5 U	0.5	ug/L							
Benzene	0.2 U	0.2	ug/L							
Bromodichloromethane	0.2 U	0.2	ug/L							
Bromoform	0.1 U	0.1	ug/L							
Bromomethane	**0.4 J**	**0.2**	**ug/L**							
Carbon Disulfide	0.1 U	0.1	ug/L							
Carbon Tetrachloride	0.2 U	0.2	ug/L							
Chlorobenzene	0.2 U	0.2	ug/L							
Chloroethane	0.07 U	0.07	ug/L							
Chloroform	0.2 U	0.2	ug/L							
Chloromethane	0.1 U	0.1	ug/L							
cis-1,2-Dichloroethene	0.1 U	0.1	ug/L							
cis-1,3-Dichloropropene	0.2 U	0.2	ug/L							

VOA - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1241033 - Volatile Organics No-Prep										
Blank (1241033-BLK1)				Prepared & Analyzed: 16-Oct-12						
Dibromochloromethane	0.2 U	0.2	ug/L							
Surrogate: Dibromofluoromethane	*21*		ug/L	*20.0*		*107*	*81-130*			
Ethylbenzene	0.2 U	0.2	ug/L							
m/p-Xylene	0.4 U	0.4	ug/L							
Methyl tert-butyl ether	0.2 U	0.2	ug/L							
Methylene Chloride	**0.2 J**	**0.1**	**ug/L**							
o-Xylene	0.2 U	0.2	ug/L							
Styrene	0.2 U	0.2	ug/L							
Tentatively Identified Compounds	0.0		ug/L							
Tetrachloroethene	0.2 U	0.2	ug/L							
Toluene	0.1 U	0.1	ug/L							
Surrogate: Toluene-d8	*20*		ug/L	*20.0*		*101*	*82-127*			
trans-1,2-Dichloroethene	0.1 U	0.1	ug/L							
trans-1,3-Dichloropropene	0.1 U	0.1	ug/L							
Trichloroethene	0.07 U	0.07	ug/L							
Trichlorofluoromethane	0.2 U	0.2	ug/L							
Vinyl Acetate	0.2 U	0.2	ug/L							
Vinyl Chloride	0.1 U	0.1	ug/L							
LCS (1241033-BS1)				Prepared & Analyzed: 16-Oct-12						
1,1,1-Trichloroethane	**22**	**0.2**	**ug/L**	**20.0**		**109**	**82-121**			
1,1,2,2-Tetrachloroethane	**19**	**0.2**	**ug/L**	**20.0**		**97.1**	**77-137**			
1,1,2-Trichloroethane	**20**	**0.3**	**ug/L**	**20.0**		**102**	**88-125**			
1,1,2-Trichlorotrifluoroethane	**23**	**0.3**	**ug/L**				**80-120**			
1,1-Dichloroethane	**21**	**0.1**	**ug/L**	**20.0**		**103**	**86-124**			
1,1-Dichloroethene	**21**	**0.1**	**ug/L**	**20.0**		**104**	**87-114**			
1,2-Dibromoethane	**21**	**0.2**	**ug/L**	**20.0**		**107**	**80-120**			
1,2-Dichlorobenzene	**20**	**0.2**	**ug/L**	**20.0**		**99.6**	**79-140**			
1,2-Dichloroethane	**21**	**0.1**	**ug/L**	**20.0**		**104**	**85-130**			
Surrogate: 1,2-Dichloroethane-d4	*20*		ug/L	*20.0*		*99.4*	*26-175*			
1,2-Dichloropropane	**21**	**0.2**	**ug/L**	**20.0**		**105**	**88-131**			
1,3-Dichlorobenzene	**20**	**0.09**	**ug/L**	**20.0**		**99.7**	**82-133**			
1,4-Dichlorobenzene	**21**	**0.1**	**ug/L**	**20.0**		**103**	**62-138**			

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	06-Nov-12 10:54

VOA - Quality Control

Environmental Services Laboratory

Sample ID Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1241033 - Volatile Organics No-Prep										
LCS (1241033-BS1)				Prepared & Analyzed: 16-Oct-12						
2-Butanone	190	1.4	ug/L	200		96.1	73-130			
2-Hexanone	210	2.4	ug/L	200		105	70-138			
Surrogate: 4-Bromofluorobenzene	*20*		ug/L	*20.0*		*101*	*86-126*			
4-Methyl-2-pentanone	210	1.8	ug/L	200		106	66-134			
Acetone	210	1.3	ug/L	200		104	79-126			
Acrolein	210	1.3	ug/L	200		104	66-141			
Acrylonitrile	210	0.5	ug/L	200		104	86-124			
Benzene	21	0.2	ug/L	20.0		105	87-122			
Bromodichloromethane	21	0.2	ug/L	20.0		105	84-130			
Bromoform	21	0.1	ug/L	20.0		107	76-134			
Bromomethane	21	0.2	ug/L	20.0		103	64-147			
Carbon Disulfide	22	0.1	ug/L	20.0		112	71-139			
Carbon Tetrachloride	22	0.2	ug/L	20.0		109	80-120			
Chlorobenzene	21	0.2	ug/L	20.0		103	87-124			
Chloroethane	20	0.07	ug/L	20.0		99.0	61-140			
Chloroform	22	0.2	ug/L	20.0		110	88-121			
Chloromethane	24	0.1	ug/L	20.0		118	69-126			
cis-1,2-Dichloroethene	21	0.1	ug/L	20.0		106	96-116			
cis-1,3-Dichloropropene	22	0.2	ug/L	20.0		109	80-129			
Dibromochloromethane	21	0.2	ug/L	20.0		105	81-130			
Surrogate: Dibromofluoromethane	*21*		ug/L	*20.0*		*105*	*81-130*			
Ethylbenzene	21	0.2	ug/L	20.0		103	85-134			
m/p-Xylene	42	0.4	ug/L	40.0		105	93-120			
Methyl tert-butyl ether	21	0.2	ug/L	20.0		103	50-150			
Methylene Chloride	19	0.1	ug/L	20.0		93.5	79-119			
o-Xylene	20	0.2	ug/L	20.0		101	80-120			
Styrene	21	0.2	ug/L	20.0		107	78-129			
Tetrachloroethene	22	0.2	ug/L	20.0		108	81-126			
Toluene	21	0.1	ug/L	20.0		106	87-127			
Surrogate: Toluene-d8	*21*		ug/L	*20.0*		*103*	*82-127*			
trans-1,2-Dichloroethene	21	0.1	ug/L	20.0		104	85-120			
trans-1,3-Dichloropropene	21	0.1	ug/L	20.0		105	82-130			
Trichloroethene	22	0.07	ug/L	20.0		112	84-123			

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	06-Nov-12 10:54

VOA - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1241033 - Volatile Organics No-Prep										
LCS (1241033-BS1)				Prepared & Analyzed: 16-Oct-12						
Trichlorofluoromethane	22	0.2	ug/L	20.0		108	80-120			
Vinyl Acetate	19	0.2	ug/L	20.0		93.3	63-133			
Vinyl Chloride	23	0.1	ug/L	20.0		113	69-126			
Matrix Spike (1241033-MS1)	Source: T210008-08			Prepared & Analyzed: 16-Oct-12						
1,1,1-Trichloroethane	23	0.2	ug/L	20.0	ND	113	82-121			
1,1,2,2-Tetrachloroethane	19	0.2	ug/L	20.0	ND	95.5	77-137			
1,1,2-Trichloroethane	20	0.3	ug/L	20.0	ND	102	88-125			
1,1,2-Trichlorotrifluoroethane	25	0.3	ug/L		ND		80-120			
1,1-Dichloroethane	21	0.1	ug/L	20.0	ND	107	86-124			
1,1-Dichloroethene	22	0.1	ug/L	20.0	ND	110	87-114			
1,2-Dibromoethane	21	0.2	ug/L	20.0	ND	103	80-120			
1,2-Dichlorobenzene	22	0.2	ug/L	20.0	ND	111	79-140			
1,2-Dichloroethane	22	0.1	ug/L	20.0	ND	111	85-130			
Surrogate: 1,2-Dichloroethane-d4	*19*		ug/L	*20.0*		*95.9*	*26-175*			
1,2-Dichloropropane	22	0.2	ug/L	20.0	ND	111	88-131			
1,3-Dichlorobenzene	23	0.09	ug/L	20.0	ND	115	82-133			
1,4-Dichlorobenzene	24	0.1	ug/L	20.0	ND	119	62-138			
2-Butanone	180	1.4	ug/L	200	ND	92.5	73-130			
2-Hexanone	200	2.4	ug/L	200	ND	98.3	70-138			
Surrogate: 4-Bromofluorobenzene	*20*		ug/L	*20.0*		*97.6*	*86-126*			
4-Methyl-2-pentanone	210	1.8	ug/L	200	ND	105	66-134			
Acetone	210	1.3	ug/L	200	12	99.0	79-126			
Acrolein	180	1.3	ug/L	200	ND	90.9	66-141			
Acrylonitrile	200	0.5	ug/L	200	1.1	98.9	86-124			
Benzene	22	0.2	ug/L	20.0	0.3	109	87-122			
Bromodichloromethane	22	0.2	ug/L	20.0	ND	112	84-130			
Bromoform	20	0.1	ug/L	20.0	ND	102	76-134			
Bromomethane	17	0.2	ug/L	20.0	0.3	84.2	64-147			
Carbon Disulfide	24	0.1	ug/L	20.0	ND	120	71-139			
Carbon Tetrachloride	23	0.2	ug/L	20.0	ND	113	80-120			
Chlorobenzene	22	0.2	ug/L	20.0	ND	108	87-124			
Chloroethane	21	0.07	ug/L	20.0	ND	103	61-140			

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	06-Nov-12 10:54

VOA - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1241033 - Volatile Organics No-Prep										
Matrix Spike (1241033-MS1)	**Source: T210008-08**			Prepared & Analyzed: 16-Oct-12						
Chloroform	**23**	**0.2**	**ug/L**	**20.0**	**ND**	**115**	**88-121**			
Chloromethane	**23**	**0.1**	**ug/L**	**20.0**	**0.2**	**112**	**69-126**			
cis-1,2-Dichloroethene	**24**	**0.1**	**ug/L**	**20.0**	**0.8**	**115**	**96-116**			
cis-1,3-Dichloropropene	**23**	**0.2**	**ug/L**	**20.0**	**ND**	**117**	**80-129**			
Dibromochloromethane	**21**	**0.2**	**ug/L**	**20.0**	**ND**	**105**	**81-130**			
Surrogate: Dibromofluoromethane	*21*		ug/L	*20.0*		*106*	*81-130*			
Ethylbenzene	**22**	**0.2**	**ug/L**	**20.0**	**0.6**	**107**	**85-134**			
m/p-Xylene	**45**	**0.4**	**ug/L**	**40.0**	**0.5**	**110**	**93-120**			
Methyl tert-butyl ether	**21**	**0.2**	**ug/L**	**20.0**	**ND**	**103**	**50-150**			
Methylene Chloride	**19**	**0.1**	**ug/L**	**20.0**	**0.3**	**95.5**	**79-119**			
o-Xylene	**22**	**0.2**	**ug/L**	**20.0**	**ND**	**110**	**80-120**			
Styrene	**23**	**0.2**	**ug/L**	**20.0**	**ND**	**115**	**78-129**			
Tetrachloroethene	**22**	**0.2**	**ug/L**	**20.0**	**ND**	**112**	**81-126**			
Toluene	**23**	**0.1**	**ug/L**	**20.0**	**0.3**	**116**	**87-127**			
Surrogate: Toluene-d8	*21*		ug/L	*20.0*		*104*	*82-127*			
trans-1,2-Dichloroethene	**22**	**0.1**	**ug/L**	**20.0**	**ND**	**110**	**85-120**			
trans-1,3-Dichloropropene	**21**	**0.1**	**ug/L**	**20.0**	**ND**	**106**	**82-130**			
Trichloroethene	**24**	**0.07**	**ug/L**	**20.0**	**ND**	**119**	**84-123**			
Trichlorofluoromethane	**22**	**0.2**	**ug/L**	**20.0**	**ND**	**110**	**80-120**			
Vinyl Acetate	**19**	**0.2**	**ug/L**	**20.0**	**ND**	**94.5**	**63-133**			
Vinyl Chloride	**22**	**0.1**	**ug/L**	**20.0**	**ND**	**110**	**68-127**			
Matrix Spike Dup (1241033-MSD1)	**Source: T210008-08**			Prepared & Analyzed: 16-Oct-12						
1,1,1-Trichloroethane	**15**	**0.2**	**ug/L**	**20.0**	**ND**	**72.6**	**82-121**	**43.2**	**20**	
1,1,2,2-Tetrachloroethane	**13**	**0.2**	**ug/L**	**20.0**	**ND**	**66.0**	**77-137**	**36.4**	**20**	
1,1,2-Trichloroethane	**15**	**0.3**	**ug/L**	**20.0**	**ND**	**74.6**	**88-125**	**30.7**	**20**	
1,1,2-Trichlorotrifluoroethane	**16**	**0.3**	**ug/L**		**ND**		**80-120**	**40.1**	**20**	
1,1-Dichloroethane	**14**	**0.1**	**ug/L**	**20.0**	**ND**	**70.7**	**86-124**	**40.8**	**20**	
1,1-Dichloroethene	**15**	**0.1**	**ug/L**	**20.0**	**ND**	**73.5**	**87-114**	**39.5**	**20**	
1,2-Dibromoethane	**15**	**0.2**	**ug/L**	**20.0**	**ND**	**74.2**	**80-120**	**32.7**	**20**	
1,2-Dichlorobenzene	**15**	**0.2**	**ug/L**	**20.0**	**ND**	**72.6**	**79-140**	**42.2**	**20**	
1,2-Dichloroethane	**15**	**0.1**	**ug/L**	**20.0**	**ND**	**72.5**	**85-130**	**42.0**	**20**	
Surrogate: 1,2-Dichloroethane-d4	*21*		ug/L	*20.0*		*107*	*26-175*			

Center for Urban Waters - Environmental Services Lab

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.

Reviewed By

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	06-Nov-12 10:54

VOA - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1241033 - Volatile Organics No-Prep										
Matrix Spike Dup (1241033-MSD1)	**Source: T210008-08**			Prepared & Analyzed: 16-Oct-12						
1,2-Dichloropropane	**14**	**0.2**	**ug/L**	**20.0**	**ND**	**70.9**	**88-131**	**44.3**	**20**	
1,3-Dichlorobenzene	**14**	**0.09**	**ug/L**	**20.0**	**ND**	**70.9**	**82-133**	**47.5**	**20**	
1,4-Dichlorobenzene	**14**	**0.1**	**ug/L**	**20.0**	**ND**	**71.6**	**62-138**	**49.6**	**20**	
2-Butanone	**150**	**1.4**	**ug/L**	**200**	**ND**	**74.2**	**73-130**	**22.0**	**20**	
2-Hexanone	**140**	**2.4**	**ug/L**	**200**	**ND**	**72.4**	**70-138**	**30.4**	**20**	
Surrogate: 4-Bromofluorobenzene	*21*		ug/L	*20.0*		*104*	*86-126*			
4-Methyl-2-pentanone	**140**	**1.8**	**ug/L**	**200**	**ND**	**69.4**	**66-134**	**40.5**	**20**	
Acetone	**150**	**1.3**	**ug/L**	**200**	**12**	**69.0**	**79-126**	**33.5**	**20**	
Acrolein	**130**	**1.3**	**ug/L**	**200**	**ND**	**63.2**	**66-141**	**35.9**	**20**	
Acrylonitrile	**140**	**0.5**	**ug/L**	**200**	**1.1**	**71.2**	**86-124**	**32.4**	**20**	
Benzene	**15**	**0.2**	**ug/L**	**20.0**	**0.3**	**72.1**	**87-122**	**40.3**	**20**	
Bromodichloromethane	**14**	**0.2**	**ug/L**	**20.0**	**ND**	**71.3**	**84-130**	**44.3**	**20**	
Bromoform	**13**	**0.1**	**ug/L**	**20.0**	**ND**	**67.3**	**76-134**	**41.1**	**20**	
Bromomethane	**12**	**0.2**	**ug/L**	**20.0**	**0.3**	**58.5**	**64-147**	**35.3**	**20**	
Carbon Disulfide	**16**	**0.1**	**ug/L**	**20.0**	**ND**	**81.4**	**71-139**	**38.6**	**20**	
Carbon Tetrachloride	**15**	**0.2**	**ug/L**	**20.0**	**ND**	**74.7**	**80-120**	**41.1**	**20**	
Chlorobenzene	**15**	**0.2**	**ug/L**	**20.0**	**ND**	**74.9**	**87-124**	**35.9**	**20**	
Chloroethane	**14**	**0.07**	**ug/L**	**20.0**	**ND**	**68.2**	**61-140**	**41.0**	**20**	
Chloroform	**16**	**0.2**	**ug/L**	**20.0**	**ND**	**77.7**	**88-121**	**38.5**	**20**	
Chloromethane	**17**	**0.1**	**ug/L**	**20.0**	**0.2**	**83.0**	**69-126**	**29.5**	**20**	
cis-1,2-Dichloroethene	**16**	**0.1**	**ug/L**	**20.0**	**0.8**	**74.6**	**96-116**	**40.8**	**20**	
cis-1,3-Dichloropropene	**14**	**0.2**	**ug/L**	**20.0**	**ND**	**72.1**	**80-129**	**47.2**	**20**	
Dibromochloromethane	**14**	**0.2**	**ug/L**	**20.0**	**ND**	**71.7**	**81-130**	**37.9**	**20**	
Surrogate: Dibromofluoromethane	*22*		ug/L	*20.0*		*108*	*81-130*			
Ethylbenzene	**14**	**0.2**	**ug/L**	**20.0**	**0.6**	**69.1**	**85-134**	**41.5**	**20**	
m/p-Xylene	**30**	**0.4**	**ug/L**	**40.0**	**0.5**	**74.4**	**93-120**	**38.5**	**20**	
Methyl tert-butyl ether	**14**	**0.2**	**ug/L**	**20.0**	**ND**	**71.0**	**50-150**	**37.1**	**20**	
Methylene Chloride	**14**	**0.1**	**ug/L**	**20.0**	**0.3**	**68.6**	**79-119**	**32.3**	**20**	
o-Xylene	**14**	**0.2**	**ug/L**	**20.0**	**ND**	**70.7**	**80-120**	**43.2**	**20**	
Styrene	**15**	**0.2**	**ug/L**	**20.0**	**ND**	**72.7**	**78-129**	**45.3**	**20**	
Tetrachloroethene	**15**	**0.2**	**ug/L**	**20.0**	**ND**	**74.2**	**81-126**	**40.7**	**20**	
Toluene	**14**	**0.1**	**ug/L**	**20.0**	**0.3**	**70.9**	**87-127**	**47.2**	**20**	
Surrogate: Toluene-d8	*21*		ug/L	*20.0*		*105*	*82-127*			

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Reviewed By

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	06-Nov-12 10:54

VOA - Quality Control

Environmental Services Laboratory

Sample ID Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1241033 - Volatile Organics No-Prep										
Matrix Spike Dup (1241033-MSD1)	**Source: T210008-08**			Prepared & Analyzed: 16-Oct-12						
trans-1,2-Dichloroethene	15	0.1	ug/L	20.0	ND	73.5	85-120	39.5	20	
trans-1,3-Dichloropropene	15	0.1	ug/L	20.0	ND	75.2	82-130	33.8	20	
Trichloroethene	15	0.07	ug/L	20.0	ND	76.6	84-123	43.6	20	
Trichlorofluoromethane	13	0.2	ug/L	20.0	ND	66.6	80-120	49.1	20	
Vinyl Acetate	14	0.2	ug/L	20.0	ND	68.9	63-133	31.3	20	
Vinyl Chloride	14	0.1	ug/L	20.0	ND	69.2	68-127	45.4	20	

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	06-Nov-12 10:54

Notes and Definitions

UJ	Analyte not detected at or above the associated estimated value
J	The result is an estimated concentration.
U	Analyte Not Detected at or above the associated value
UJ	Analyte Not Detected at or above the associated estimated value
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

CHAIN OF CUSTODY

City of Tacoma Environmental Services
326 East D Street
Tacoma
WA, 98421-1801
phone (253) 502-2130
fax (253) 502-2170

COC Number

Lab Work Order Number T210008

Client Name: PW Science and Engineering		Project Name: Sauro Property RIFS	Requested Analyses: EPA 8260C
Client Contact: Calvin Taylor		Project Number: CIP-00020-01-03	
Address: 326 East D Street		Project Description: Sauro Property RIFS	
City: Tacoma		PO Number: 61000055543	
State/Zip: WA, 98421		Shipped By:	
Phone: (253) 593-7711	Fax: (253) 502-2295	Tracking Number:	
Sampler: Bill Essmeier, Ken Nelson		Sampler Signature: Bill E / Ken Nelson	

Requested Turn Around

Rush requests subject to additional charge.

Rush requests subject to lab approval.

Standard (days): 21

Expedited (days):

Due Date: 10/30/2012 15:00

Sample Name or Field ID	Sampled Date	Sampled Time	Sample Type Code	Matrix Code	Container Count	Preservation Code 1									Sample Comments
Trip Blank	10/9/2012	9:00	G	W	3	3									
MW1-PP	10/9/2012	12:10	G	W	3	3									
MW2-PP	10/9/2012	12:00	G	W	3	3									
MW13-(51.5)	10/9/2012	10:05	G	W	3	3									
LAI-MW1-(63)	10/9/2012	11:05	G	W	3	3									
LAI-MW2-(65)	10/9/2012	10:40	G	W	3	3									
LAI-MW3-(75)	10/9/2012	10:50	G	W	3	3									
LAI-MW4-(25)	10/9/2012	9:50	G	W	6	6	BE	10-10-12							Lab QC
LAI-MW5-(42)	10/9/2012	11:10	G	W	3	3									
LAI-MW5-(50)	10/9/2012	11:15	G	W	3	3									
RNS-MW2-(21.5)	10/9/2012	11:42	G	W	3	3									
RNS-MW2-(38.5)	10/9/2012	11:50	G	W	3	3									

Relinquished By: Bill Essmeier	Date/Time: 1500 10-9-12	Received By:	Date/Time: 10-9-12	Sample Kit Prepared By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:	Comments: Batch # - 124039 (water level)	
Relinquished By:	Date/Time:	Received By:	Date/Time:		
Cooler Numbers and Temperatures:					

Matrix Codes: W=Water

Preserv. Codes: 1=HCl<2, Cool <6°C

Login Reviewed By: KN

Login Reviewed Date: 09 OCT 12

CHAIN OF CUSTODY

City of Tacoma Environmental Services
326 East D Street
Tacoma
WA, 98421-1801
phone (253) 502-2130
fax (253) 502-2170

COC Number

Lab Work Order Number T210008

Client Name: PW Science and Engineering		Project Name: Sauro Property RIFS	
Client Contact: Calvin Taylor		Project Number: CIP-00020-01-03	
Address: 326 East D Street		Project Description: Sauro Property RIFS	
City: Tacoma		PO Number: 61000055543	
State/Zip: WA, 98421		Shipped By	
Phone: (253) 593-7711	Fax: (253) 502-2295	Tracking Number	
Sampler: Bill Essmeier, Ken Nelson		Sampler Signature: Bill E / Ken Nelson	

Requested Analyses: EPA 8260C

Requested Turn Around

Rush requests subject to additional charge.
Rush requests subject to lab approval.

Standard (days): 21

Expedited (days):

Due Date: 10/30/2012 15:00

Sample Name or Field ID	Sampled Date	Sampled Time	Sample Type Code	Matrix Code	Container Count	Preservation Code 1	Sample Comments
RNS-MW6-(42.5)	10/9/2012	10:19	G	W	3	3	
RNS-MW6-(52.5)	10/9/2012	10:24	G	W	3	3	
MW13-(51.5) DUP	10/9/2012	10:06	G	W	3	3	

Relinquished By: Bill Essmeier	Date/Time: 1500 10-9-12	Received By	Date/Time: 10-9-12	Sample Kit Prepared By	Date/Time
Relinquished By	Date/Time	Received By	Date/Time	Comments: Batch# – 124039 (water level)	
Relinquished By	Date/Time	Received By	Date/Time		
Cooler Numbers and Temperatures					

Matrix Codes: W=Water

Preserv. Codes: 1=HCl<2, Cool <6°C

KN

Login Reviewed By: _____

Login Reviewed Date: 09OCT12

INVOICE

T210008

Invoice To:
Calvin Taylor
PW Science and Engineering
326 East D Street
Tacoma, WA 98421

Invoice Number: T210008-PWSED **Project:** Sauro Property RIFS
Invoiced On: 02-Nov-12
Received: 09-Oct-12

PO Number: 61000055543 **Client Contact:** Calvin Taylor - PW Science and Engineering
Lab Contact: Gregory Perez - Environmental Services Laboratory

Quantity	Analysis/Description	Matrix	Unit Cost	Extended Cost
Environmental Services Laboratory				
13	Water Level	Water	$10.00	$130.00
15	VOA_8260	Water	$160.00	$2,400.00
Additional Items				
12	Diffusion Bags		$17.00	$204.00
1	QA/QC Charge			$253.00
15	Sampling Fee 1		$45.00	$675.00
			Invoice Total:	**$3,662.00**

City of Tacoma
Environmental Services Laboratory

27 December 2012

Calvin Taylor
PW Science and Engineering
326 East D Street
Tacoma, WA 98421

Subject: Sauro Property MNA

Enclosed are the analytical results for samples collected between 09/06/2012 and 09/07/2012.

This is a reissue of the report correcting certain omissions and errors. The ORP values are now reported for all samples. Corrections have been made to the Sulfide and Fe(II) results. The qualifier ND has been substituted for U and 0.

MW1-PP stopped flowing at 150mls and MW2-PP stopped flowing at 300 - 400mls. There was insufficient sample for the Conventionals analyses.

If you have any questions concerning this report, call me at (253)502-2130. Please note that the samples associated with this report will be discarded 3 months from the date of this report unless we are notified otherwise.

Sincerely,

Stuart Magoon
Assistant Division Manager
Environmental Services Laboratory

cc.

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Dec-12 13:16

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled
LAI-MW1	T209049-01	Water	06-Sep-12 16:45
LAI-MW2	T209049-02	Water	06-Sep-12 16:00
LAI-MW3	T209049-03	Water	06-Sep-12 14:50
LAI-MW4	T209049-04	Water	06-Sep-12 18:07
LAI-MW5	T209049-05	Water	07-Sep-12 10:36
MW1-PP	T209049-06	Water	06-Sep-12 11:50
MW2-PP	T209049-07	Water	06-Sep-12 12:10
MW13	T209049-08	Water	07-Sep-12 12:40
RNS-MW2	T209049-09	Water	07-Sep-12 11:41
RNS-MW6	T209049-10	Water	07-Sep-12 13:21
RNS-MW7	T209049-11	Water	06-Sep-12 13:30
LAI-MW5 DUP	T209049-12	Water	07-Sep-12 10:40
Trip Blank	T209049-13	Water	06-Sep-12 10:00

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.

Reviewed By

CHAIN OF CUSTODY

The samples were received under appropriate Chain of Custody procedures. COC's were generated for transport to contract laboratories.

SAMPLE RECEIPT, PRESERVATION AND STORAGE

Samples were properly preserved and stored in accordance with the applicable method requirements.

HOLDING TIMES

All analyses were performed within the required holding times. The analysis for Field parameters took place as soon as the samples were collected.

METHODS

The samples were analyzed by the following methods:

Standard Methods 4500-SO4 E
Standard Methods 4500-S2D
Standard Methods 5310B
Standard Methods 4500-Cl-E
EPA Method RSK-175 (MEEA)
EPA Method Nitrate 353.2
EPA Method Nitrite 353.2
Field Specific Conductivity
Oxydation Reduction Potential
Iron, Ferrous Hach Field Kit
Dissolved Oxygen, Field
pH, Field
Temperature, Field
Turbidity, Field
Water Level

CONTRACT LABS

The samples were sent to TestAmerica for analysis of methane, ethane, ethene and acetylene (MEEA) by EPA method RSK-175.

METHOD DETECTION LIMITS

All analytes are reported to the Method Detection Limit (MDL). Values below the PQL are qualified as estimated (J) and may not be as precise as values reported greater than the PQL (the low standard or 3 - 5 times the MDL). Reporting limit goals were 5 ug/L for methane and 1 ug/L for ethane, ethane and acetylene. Requested reporting limits were 5 ug/L for methane and 1 ug/L for ethane, ethylene and acetylene. The TestAmerica reporting limit was 5 ug/L for all four compounds.

METHOD BLANKS

Method blanks were analyzed at the required frequencies of the methods. There was a minimum of one Method Blank for each analytical method. Blank values were less than the Practical Quantitation Limits or sample concentrations were greater than 5 times the blank values. No data is qualified.

LABORATORY CONTROL SAMPLES

Laboratory Control Samples were analyzed with these samples for RSK-175, Sulfate, Sulfide, Nitrate, and Total Organic Carbon. The recoveries for all associated LCS were within the laboratory limits.

DUPLICATE SAMPLE ANALYSIS

Duplicate analysis was performed for Nitrate/Nitrite, Sulfate, Sulfide, and Chloride. Relative percent differences were within the laboratory limits.

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE ANALYSIS

Matrix Spike and/or Matrix Spike Duplicate analysis was performed with these samples. The recoveries were within the laboratory limits.

DATA AVAILABILITY

All data associated with the samples contained in this report are archived at the Environmental Services Laboratory and are available upon request.

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Dec-12 13:16

LAI-MW1

T209049-01 (Water)

06-Sep-12 16:45

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
CONVENTIONAL							
Chloride	**43.7**	1.00	0.076	mg/L	14-Sep-12	14-Sep-12	SM 4500-Cl⁻ E
Nitrate as N	**1.11**	0.010	0.008	mg/L	08-Sep-12	08-Sep-12	EPA 353.2
Nitrite as N	**0.0131**	0.0100	0.0037	mg/L	08-Sep-12	08-Sep-12	353.2
Total Organic Carbon	**24.4**	1.00	0.22	mg/L	11-Sep-12	11-Sep-12	SM 5310 B
Sulfate	**27.5**	5.0	0.6	mg/L	17-Sep-12	17-Sep-12	SM 4500-SO4 E
Sulfide	**0.639**	0.250	0.027	mg/L	12-Sep-12	12-Sep-12	SM 4500-S2D
FIELD							
Conductivity	**489**	2.00		uS/cm	06-Sep-12	06-Sep-12	SM 2510 B
Dissolved oxygen	**6.6**	0.1		mg/L	06-Sep-12	06-Sep-12	SM 4500-O G
Fe(II)	**0.110**	0.030	0.030	mg/L	06-Sep-12	06-Sep-12	HACH 8131
Oxidation/Reduction Potential	**-24**			mV	06-Sep-12	06-Sep-12	SM 2580 B
pH	**5.7**	0.1		pH Units	06-Sep-12	06-Sep-12	SM 4500-H+ B
Temperature	**62.5**	0.0		°F	06-Sep-12	06-Sep-12	EPA 170.1
Turbidity	**198**	10.0	0.17	NTU	06-Sep-12	06-Sep-12	SM 2540 D
Water Level	**44.4**	0.00		Feet	06-Sep-12	06-Sep-12	Field Measurement

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.

Reviewed By

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Dec-12 13:16

LAI-MW2

T209049-02 (Water)

06-Sep-12 16:00

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
CONVENTIONAL							
Chloride	**12.4**	1.00	0.076	mg/L	14-Sep-12	14-Sep-12	SM 4500-Cl^- E
Nitrate as N	0.008 U	0.010	0.008	mg/L	08-Sep-12	08-Sep-12	EPA 353.2
Nitrite as N	0.0037 U	0.0100	0.0037	mg/L	08-Sep-12	08-Sep-12	353.2
Total Organic Carbon	**28.4**	1.00	0.22	mg/L	11-Sep-12	11-Sep-12	SM 5310 B
Sulfate	**25.4**	5.0	0.6	mg/L	17-Sep-12	17-Sep-12	SM 4500-SO4 E
Sulfide	**0.132 Ja**	0.250	0.027	mg/L	12-Sep-12	12-Sep-12	SM 4500-S2D
FIELD							
Conductivity	**468**	2.00		uS/cm	06-Sep-12	06-Sep-12	SM 2510 B
Dissolved oxygen	**9.3**	0.1		mg/L	06-Sep-12	06-Sep-12	SM 4500-O G
Fe(II)	**0.100**	0.030	0.030	mg/L	06-Sep-12	06-Sep-12	HACH 8131
Oxidation/Reduction Potential	**-24**			mV	06-Sep-12	06-Sep-12	SM 2580 B
pH	**5.9**	0.1		pH Units	06-Sep-12	06-Sep-12	SM 4500-H+ B
Temperature	**62.1**	0.0		°F	06-Sep-12	06-Sep-12	EPA 170.1
Turbidity	**42.1**	10.0	0.17	NTU	06-Sep-12	06-Sep-12	SM 2540 D
Water Level	**44.6**	0.00		Feet	06-Sep-12	06-Sep-12	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Dec-12 13:16

LAI-MW3
T209049-03 (Water)
06-Sep-12 14:50

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
CONVENTIONAL							
Chloride	**15.3**	1.00	0.076	mg/L	14-Sep-12	14-Sep-12	SM 4500-Cl⁻ E
Nitrate as N	**0.506**	0.010	0.008	mg/L	08-Sep-12	08-Sep-12	EPA 353.2
Nitrite as N	**0.0169**	0.0100	0.0037	mg/L	08-Sep-12	08-Sep-12	353.2
Total Organic Carbon	**27.8**	1.00	0.22	mg/L	11-Sep-12	11-Sep-12	SM 5310 B
Sulfate	**25.5**	5.0	0.6	mg/L	17-Sep-12	17-Sep-12	SM 4500-SO4 E
Sulfide	**0.171 Ja**	0.250	0.027	mg/L	12-Sep-12	12-Sep-12	SM 4500-S2D
FIELD							
Conductivity	**557**	2.00		uS/cm	06-Sep-12	06-Sep-12	SM 2510 B
Dissolved oxygen	**10**	0.1		mg/L	06-Sep-12	06-Sep-12	SM 4500-O G
Fe(II)	**0.230**	0.030	0.030	mg/L	06-Sep-12	06-Sep-12	HACH 8131
Oxidation/Reduction Potential	**-23**			mV	06-Sep-12	06-Sep-12	SM 2580 B
pH	**6.4**	0.1		pH Units	06-Sep-12	06-Sep-12	SM 4500-H+ B
Temperature	**61.2**	0.0		°F	06-Sep-12	06-Sep-12	EPA 170.1
Turbidity	**85.0**	10.0	0.17	NTU	06-Sep-12	06-Sep-12	SM 2540 D
Water Level	**50.8**	0.00		Feet	06-Sep-12	06-Sep-12	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Dec-12 13:16

LAI-MW4

T209049-04 (Water)

06-Sep-12 18:07

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
CONVENTIONAL							
Chloride	**36.0**	1.00	0.076	mg/L	14-Sep-12	14-Sep-12	SM 4500-Cl⁻ E
Nitrate as N	**0.017**	0.010	0.008	mg/L	08-Sep-12	08-Sep-12	EPA 353.2
Nitrite as N	**0.0069 Ja**	0.0100	0.0037	mg/L	08-Sep-12	08-Sep-12	353.2
Total Organic Carbon	**34.9**	1.00	0.22	mg/L	11-Sep-12	11-Sep-12	SM 5310 B
Sulfate	**6.0**	5.0	0.6	mg/L	17-Sep-12	17-Sep-12	SM 4500-SO4 E
Sulfide	**0.118 Ja**	0.250	0.027	mg/L	12-Sep-12	12-Sep-12	SM 4500-S2D
FIELD							
Conductivity	**667**	2.00		uS/cm	06-Sep-12	06-Sep-12	SM 2510 B
Dissolved oxygen	**4.8**	0.1		mg/L	06-Sep-12	06-Sep-12	SM 4500-O G
Fe(II)	**1.98**	0.060	0.060	mg/L	06-Sep-12	06-Sep-12	HACH 8131
Oxidation/Reduction Potential	**-44**			mV	06-Sep-12	06-Sep-12	SM 2580 B
pH	**5.8**	0.1		pH Units	06-Sep-12	06-Sep-12	SM 4500-H+ B
Temperature	**60.1**	0.0		°F	06-Sep-12	06-Sep-12	EPA 170.1
Turbidity	**27.5**	10.0	0.17	NTU	06-Sep-12	06-Sep-12	SM 2540 D
Water Level	**12.1**	0.00		Feet	06-Sep-12	06-Sep-12	Field Measurement

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Reviewed By

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Dec-12 13:16

LAI-MW5

T209049-05 (Water)

07-Sep-12 10:36

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
CONVENTIONAL							
Chloride	**62.3**	1.00	0.076	mg/L	14-Sep-12	14-Sep-12	SM 4500-Cl⁻ E
Nitrate as N	0.008 U	0.010	0.008	mg/L	08-Sep-12	08-Sep-12	EPA 353.2
Nitrite as N	**0.0203**	0.0100	0.0037	mg/L	08-Sep-12	08-Sep-12	353.2
Total Organic Carbon	**35.7**	1.00	0.22	mg/L	11-Sep-12	11-Sep-12	SM 5310 B
Sulfate	**11.2**	5.0	0.6	mg/L	17-Sep-12	17-Sep-12	SM 4500-SO4 E
Sulfide	**0.414**	0.250	0.027	mg/L	12-Sep-12	12-Sep-12	SM 4500-S2D
FIELD							
Conductivity	**621**	2.00		uS/cm	07-Sep-12	07-Sep-12	SM 2510 B
Dissolved oxygen	**7.0**	0.1		mg/L	07-Sep-12	07-Sep-12	SM 4500-O G
Fe(II)	**5.15**	0.150	0.150	mg/L	07-Sep-12	07-Sep-12	HACH 8131
Oxidation/Reduction Potential	**-35**			mV	07-Sep-12	07-Sep-12	SM 2580 B
pH	**6.2**	0.1		pH Units	07-Sep-12	07-Sep-12	SM 4500-H+ B
Temperature	**60.1**	0.0		°F	07-Sep-12	07-Sep-12	EPA 170.1
Turbidity	**500**	10.0	0.17	NTU	07-Sep-12	07-Sep-12	SM 2540 D
Water Level	**25.0**	0.00		Feet	07-Sep-12	07-Sep-12	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Dec-12 13:16

MW1-PP
T209049-06 (Water)
06-Sep-12 11:50

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Fe(II)	**0.840**	0.060	0.060	mg/L	06-Sep-12	06-Sep-12	HACH 8131
Turbidity	**525**	10.0	0.17	NTU	06-Sep-12	06-Sep-12	SM 2540 D
Water Level	**18.6**	0.00		Feet	06-Sep-12	06-Sep-12	Field Measurement

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.

Reviewed By

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Dec-12 13:16

MW2-PP
T209049-07 (Water)
06-Sep-12 12:10

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Conductivity	**771**	2.00		uS/cm	06-Sep-12	06-Sep-12	SM 2510 B
Dissolved oxygen	**1.0**	0.1		mg/L	06-Sep-12	06-Sep-12	SM 4500-O G
Fe(II)	0.030 U	0.030	0.030	mg/L	06-Sep-12	06-Sep-12	HACH 8131
Oxidation/Reduction Potential	**-63**			mV	06-Sep-12	06-Sep-12	SM 2580 B
pH	**6.4**	0.1		pH Units	06-Sep-12	06-Sep-12	SM 4500-H+ B
Temperature	**68.4**	0.0		°F	06-Sep-12	06-Sep-12	EPA 170.1
Turbidity	**9.26**	10.0	0.17	NTU	06-Sep-12	06-Sep-12	SM 2540 D
Water Level	**16.8**	0.00		Feet	06-Sep-12	06-Sep-12	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Dec-12 13:16

MW13
T209049-08 (Water)
07-Sep-12 12:40

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
CONVENTIONAL							
Chloride	**9.43**	1.00	0.076	mg/L	14-Sep-12	14-Sep-12	SM 4500-Cl⁻ E
Nitrate as N	**1.06**	0.010	0.008	mg/L	08-Sep-12	08-Sep-12	EPA 353.2
Nitrite as N	**0.0187**	0.0100	0.0037	mg/L	08-Sep-12	08-Sep-12	353.2
Total Organic Carbon	**25.9**	1.00	0.22	mg/L	11-Sep-12	11-Sep-12	SM 5310 B
Sulfate	**35.8**	5.0	0.6	mg/L	17-Sep-12	17-Sep-12	SM 4500-SO4 E
Sulfide	**0.037 Ja**	0.250	0.027	mg/L	12-Sep-12	12-Sep-12	SM 4500-S2D
FIELD							
Conductivity	**574**	2.00		uS/cm	07-Sep-12	07-Sep-12	SM 2510 B
Dissolved oxygen	**4.5**	0.1		mg/L	07-Sep-12	07-Sep-12	SM 4500-O G
Fe(II)	0.030 U	0.030	0.030	mg/L	07-Sep-12	07-Sep-12	HACH 8131
Oxidation/Reduction Potential	**-8.8**			mV	07-Sep-12	07-Sep-12	SM 2580 B
pH	**5.8**	0.1		pH Units	07-Sep-12	07-Sep-12	SM 4500-H+ B
Temperature	**62.8**	0.0		°F	07-Sep-12	07-Sep-12	EPA 170.1
Turbidity	**2280**	50.0	0.85	NTU	07-Sep-12	07-Sep-12	SM 2540 D
Water Level	**39.5**	0.00		Feet	07-Sep-12	07-Sep-12	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Dec-12 13:16

RNS-MW2
T209049-09 (Water)
07-Sep-12 11:41

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
CONVENTIONAL							
Chloride	**35.7**	1.00	0.076	mg/L	14-Sep-12	14-Sep-12	SM 4500-Cl⁻ E
Nitrate as N	**3.35**	0.010	0.008	mg/L	08-Sep-12	08-Sep-12	EPA 353.2
Nitrite as N	**0.0254**	0.0100	0.0037	mg/L	08-Sep-12	08-Sep-12	353.2
Total Organic Carbon	**13.1**	1.00	0.22	mg/L	11-Sep-12	11-Sep-12	SM 5310 B
Sulfate	**45.5**	5.0	0.6	mg/L	17-Sep-12	17-Sep-12	SM 4500-SO4 E
Sulfide	**0.030 Ja**	0.250	0.027	mg/L	12-Sep-12	12-Sep-12	SM 4500-S2D
FIELD							
Conductivity	**456**	2.00		uS/cm	07-Sep-12	07-Sep-12	SM 2510 B
Dissolved oxygen	**6.5**	0.1		mg/L	07-Sep-12	07-Sep-12	SM 4500-O G
Fe(II)	**0.080**	0.030	0.030	mg/L	07-Sep-12	07-Sep-12	HACH 8131
Oxidation/Reduction Potential	**-28**			mV	07-Sep-12	07-Sep-12	SM 2580 B
pH	**6.8**	0.1		pH Units	07-Sep-12	07-Sep-12	SM 4500-H+ B
Temperature	**62.1**	0.0		°F	07-Sep-12	07-Sep-12	EPA 170.1
Turbidity	**1930**	50.0	0.85	NTU	07-Sep-12	07-Sep-12	SM 2540 D
Water Level	**18.9**	0.00		Feet	07-Sep-12	07-Sep-12	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: **CIP-00020-01-03**	**Reported:**
Tacoma WA, 98421	Project Manager: **Calvin Taylor**	27-Dec-12 13:16

RNS-MW6
T209049-10 (Water)
07-Sep-12 13:21

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
CONVENTIONAL							
Chloride	**17.3**	1.00	0.076	mg/L	14-Sep-12	14-Sep-12	SM 4500-Cl⁻ E
Nitrate as N	**0.442**	0.010	0.008	mg/L	08-Sep-12	08-Sep-12	EPA 353.2
Nitrite as N	**0.0050 Ja**	0.0100	0.0037	mg/L	08-Sep-12	08-Sep-12	353.2
Total Organic Carbon	**25.0**	1.00	0.22	mg/L	11-Sep-12	11-Sep-12	SM 5310 B
Sulfate	**68.6**	5.0	0.6	mg/L	17-Sep-12	17-Sep-12	SM 4500-SO4 E
Sulfide	**0.432**	0.250	0.027	mg/L	12-Sep-12	12-Sep-12	SM 4500-S2D
FIELD							
Conductivity	**622**	2.00		uS/cm	07-Sep-12	07-Sep-12	SM 2510 B
Dissolved oxygen	**5.7**	0.1		mg/L	07-Sep-12	07-Sep-12	SM 4500-O G
Fe(II)	0.030 U	0.030	0.030	mg/L	07-Sep-12	07-Sep-12	HACH 8131
Oxidation/Reduction Potential	**-49**			mV	07-Sep-12	07-Sep-12	SM 2580 B
pH	**6.6**	0.1		pH Units	07-Sep-12	07-Sep-12	SM 4500-H+ B
Temperature	**60.6**	0.0		°F	07-Sep-12	07-Sep-12	EPA 170.1
Turbidity	**9800**	200	3.40	NTU	07-Sep-12	07-Sep-12	SM 2540 D
Water Level	**36.5**	0.00		Feet	07-Sep-12	07-Sep-12	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Dec-12 13:16

RNS-MW7
T209049-11 (Water)
06-Sep-12 13:30

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
CONVENTIONAL							
Chloride	**30.4**	1.00	0.076	mg/L	14-Sep-12	14-Sep-12	SM 4500-Cl⁻ E
Nitrate as N	**0.656**	0.010	0.008	mg/L	08-Sep-12	08-Sep-12	EPA 353.2
Nitrite as N	0.0037 U	0.0100	0.0037	mg/L	08-Sep-12	08-Sep-12	353.2
Total Organic Carbon	**13.1**	1.00	0.22	mg/L	11-Sep-12	11-Sep-12	SM 5310 B
Sulfate	**43.9**	5.0	0.6	mg/L	17-Sep-12	17-Sep-12	SM 4500-SO4 E
Sulfide	0.027 U	0.250	0.027	mg/L	12-Sep-12	12-Sep-12	SM 4500-S2D
FIELD							
Conductivity	**455**	2.00		uS/cm	06-Sep-12	06-Sep-12	SM 2510 B
Dissolved oxygen	**8.6**	0.1		mg/L	06-Sep-12	06-Sep-12	SM 4500-O G
Fe(II)	**1.00**	0.300	0.300	mg/L	06-Sep-12	06-Sep-12	HACH 8131
Oxidation/Reduction Potential	**-66**			mV	06-Sep-12	06-Sep-12	SM 2580 B
pH	**6.5**	0.1		pH Units	06-Sep-12	06-Sep-12	SM 4500-H+ B
Temperature	**59.2**	0.0		°F	06-Sep-12	06-Sep-12	EPA 170.1
Turbidity	**1020**	100	1.70	NTU	06-Sep-12	06-Sep-12	SM 2540 D
Water Level	**20.9**	0.00		Feet	06-Sep-12	06-Sep-12	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Dec-12 13:16

LAI-MW5 DUP
T209049-12 (Water)
07-Sep-12 10:40

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
CONVENTIONAL							
Chloride	**62.3**	1.00	0.076	mg/L	14-Sep-12	14-Sep-12	SM 4500-Cl^- E
Nitrate as N	0.008 U	0.010	0.008	mg/L	08-Sep-12	08-Sep-12	EPA 353.2
Nitrite as N	0.0037 U	0.0100	0.0037	mg/L	08-Sep-12	08-Sep-12	353.2
Total Organic Carbon	**34.3**	1.00	0.22	mg/L	11-Sep-12	11-Sep-12	SM 5310 B
Sulfate	**15.3**	5.0	0.6	mg/L	17-Sep-12	17-Sep-12	SM 4500-SO4 E
Sulfide	0.027 U	0.250	0.027	mg/L	12-Sep-12	12-Sep-12	SM 4500-S2D

LAI-MW1
T209049-01 (Water)
06-Sep-12 16:45

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
Dissolved Gases (GC)							
Acetylene	0.0034 U	0.0050	0.0034	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175
Ethane	0.0025 U	0.0050	0.0025	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175
Ethylene	0.0025 U	0.0050	0.0025	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175
Methane	**0.0034 J**	0.0050	0.0025	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Dec-12 13:16

LAI-MW2
T209049-02 (Water)
06-Sep-12 16:00

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
Dissolved Gases (GC)							
Acetylene	0.0034 U	0.0050	0.0034	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175
Ethane	**0.0035 J**	0.0050	0.0025	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175
Ethylene	0.0025 U	0.0050	0.0025	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175
Methane	**0.051**	0.0050	0.0025	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175

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PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Dec-12 13:16

LAI-MW3
T209049-03 (Water)
06-Sep-12 14:50

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
Dissolved Gases (GC)							
Acetylene	0.0034 U	0.0050	0.0034	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175
Ethane	0.0025 U	0.0050	0.0025	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175
Ethylene	0.0025 U	0.0050	0.0025	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175
Methane	0.0025 U	0.0050	0.0025	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Dec-12 13:16

LAI-MW4
T209049-04 (Water)
06-Sep-12 18:07

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
Dissolved Gases (GC)							
Acetylene	0.0034 U	0.0050	0.0034	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175
Ethane	0.0025 U	0.0050	0.0025	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175
Ethylene	0.0025 U	0.0050	0.0025	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175

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PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Dec-12 13:16

LAI-MW4
T209049-04RE1 (Water)
06-Sep-12 18:07

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
Dissolved Gases (GC)							
Methane	**3.0**	0.050	0.025	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175

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PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Dec-12 13:16

LAI-MW5
T209049-05 (Water)
07-Sep-12 10:36

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
Dissolved Gases (GC)							
Acetylene	0.0034 U	0.0050	0.0034	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175
Ethane	0.0025 U	0.0050	0.0025	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175
Ethylene	0.0025 U	0.0050	0.0025	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Dec-12 13:16

LAI-MW5

T209049-05RE1 (Water)

07-Sep-12 10:36

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
Dissolved Gases (GC)							
Methane	**5.7**	0.10	0.050	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Dec-12 13:16

MW1-PP
T209049-06 (Water)
06-Sep-12 11:50

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
Dissolved Gases (GC)							
Acetylene	0.0034 U	0.0050	0.0034	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175
Ethane	0.0025 U	0.0050	0.0025	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175
Ethylene	0.0025 U	0.0050	0.0025	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175
Methane	**0.15**	0.0050	0.0025	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Dec-12 13:16

MW2-PP
T209049-07 (Water)
06-Sep-12 12:10

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
Dissolved Gases (GC)							
Acetylene	0.0034 U	0.0050	0.0034	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175
Ethane	0.0025 U	0.0050	0.0025	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175
Ethylene	0.0025 U	0.0050	0.0025	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175
Methane	0.0025 U	0.0050	0.0025	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175

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PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Dec-12 13:16

MW13
T209049-08 (Water)
07-Sep-12 12:40

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
Dissolved Gases (GC)							
Acetylene	0.0034 U	0.0050	0.0034	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175
Ethane	0.0025 U	0.0050	0.0025	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175
Ethylene	0.0025 U	0.0050	0.0025	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175
Methane	**0.013**	0.0050	0.0025	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175

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PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Dec-12 13:16

RNS-MW2
T209049-09 (Water)
07-Sep-12 11:41

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
Dissolved Gases (GC)							
Acetylene	0.0034 U	0.0050	0.0034	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175
Ethane	0.0025 U	0.0050	0.0025	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175
Ethylene	0.0025 U	0.0050	0.0025	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175
Methane	0.0025 U	0.0050	0.0025	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Dec-12 13:16

RNS-MW6
T209049-10 (Water)
07-Sep-12 13:21

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
Dissolved Gases (GC)							
Acetylene	0.0034 U	0.0050	0.0034	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175
Ethane	**0.0046 J**	0.0050	0.0025	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175
Ethylene	0.0025 U	0.0050	0.0025	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175
Methane	**0.045**	0.0050	0.0025	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Dec-12 13:16

RNS-MW7
T209049-11 (Water)
06-Sep-12 13:30

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
Dissolved Gases (GC)							
Acetylene	0.0034 U	0.0050	0.0034	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175
Ethane	0.0025 U	0.0050	0.0025	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175
Ethylene	0.0025 U	0.0050	0.0025	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175
Methane	0.0025 U	0.0050	0.0025	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Dec-12 13:16

LAI-MW5 DUP
T209049-12 (Water)
07-Sep-12 10:40

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
Dissolved Gases (GC)							
Acetylene	0.0034 U	0.0050	0.0034	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175
Ethane	0.0025 U	0.0050	0.0025	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175
Ethylene	0.0025 U	0.0050	0.0025	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175

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PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Dec-12 13:16

LAI-MW5 DUP
T209049-12RE1 (Water)
07-Sep-12 10:40

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
Dissolved Gases (GC)							
Methane	**4.7**	0.10	0.050	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Dec-12 13:16

Trip Blank
T209049-13 (Water)
06-Sep-12 10:00

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
Dissolved Gases (GC)							
Acetylene	0.0034 U	0.0050	0.0034	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175
Ethane	0.0025 U	0.0050	0.0025	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175
Ethylene	0.0025 U	0.0050	0.0025	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175
Methane	**0.0041 J**	0.0050	0.0025	mg/L	19-Sep-12	19-Sep-12	TA_Seattle_RSK 175

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CONVENTIONAL - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1236084 - Conventionals No-Prep										
Blank (1236084-BLK1)				Prepared & Analyzed: 08-Sep-12						
Nitrite as N	0.0037 U	0.0037	mg/L							
Duplicate (1236084-DUP1)		Source: T209049-01		Prepared & Analyzed: 08-Sep-12						
Nitrite as N	**0.0132**	**0.0037**	**mg/L**		**0.0131**			**0.8**	**35**	
Matrix Spike (1236084-MS1)		Source: T209049-01		Prepared & Analyzed: 08-Sep-12						
Nitrite as N	**1.01**	**0.0074**	**mg/L**	**1.00**	**0.0131**	**100**	**70-130**			
Reference (1236084-SRM1)				Prepared & Analyzed: 08-Sep-12						
Nitrite as N	**0.779**	**0.0037**	**mg/L**	**0.779**		**100**	**90-110**			
Batch 1236088 - Conventionals No-Prep										
Blank (1236088-BLK1)				Prepared & Analyzed: 08-Sep-12						
Nitrate as N	0.008 U	0.008	mg/L							
LCS (1236088-BS1)				Prepared & Analyzed: 08-Sep-12						
Nitrate as N	**1.03**	**0.008**	**mg/L**	**1.10**		**94**	**80-120**			
Duplicate (1236088-DUP1)		Source: T209049-01		Prepared & Analyzed: 08-Sep-12						
Nitrate as N	**1.12**	**0.008**	**mg/L**		**1.11**			**0.9**	**35**	
Matrix Spike (1236088-MS1)		Source: T209049-01		Prepared & Analyzed: 08-Sep-12						
Nitrate as N	**2.22**	**0.016**	**mg/L**	**1.00**	**1.11**	**111**	**70-130**			
Batch 1237022 - Conventionals No-Prep										
Blank (1237022-BLK1)				Prepared & Analyzed: 11-Sep-12						
Total Organic Carbon	**0.55 Ja**	**0.22**	**mg/L**							

CONVENTIONAL - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1237022 - Conventionals No-Prep										
LCS (1237022-BS1)				Prepared & Analyzed: 11-Sep-12						
Total Organic Carbon	**21.8**	**0.22**	**mg/L**	**20.0**		**109**	**85-115**			
Matrix Spike (1237022-MS1)	**Source: T209049-08**			Prepared & Analyzed: 11-Sep-12						
Total Organic Carbon	**67.7**	**0.22**	**mg/L**	**50.0**	**25.9**	**84**	**80-120**			
Batch 1237048 - Conventionals No-Prep										
Blank (1237048-BLK1)				Prepared & Analyzed: 12-Sep-12						
Sulfide	0.027 U	0.027	mg/L							
LCS (1237048-BS1)				Prepared & Analyzed: 12-Sep-12						
Sulfide	**1.91**	**0.027**	**mg/L**	**2.45**		**78**	**50-130**			
Duplicate (1237048-DUP1)	**Source: T209049-03**			Prepared & Analyzed: 12-Sep-12						
Sulfide	**0.146 Ja**	**0.027**	**mg/L**		**0.171**			**16**	**20**	
Matrix Spike (1237048-MS1)	**Source: T209049-04**			Prepared & Analyzed: 12-Sep-12						
Sulfide	**1.06**	**0.027**	**mg/L**	**1.00**	**0.118**	**94**	**50-130**			
Batch 1237081 - Conventionals No-Prep										
Blank (1237081-BLK1)				Prepared & Analyzed: 14-Sep-12						
Chloride	**1.01**	**0.076**	**mg/L**							
LCS (1237081-BS1)				Prepared & Analyzed: 14-Sep-12						
Chloride	**18.1**	**0.076**	**mg/L**	**17.8**		**102**	**80-120**			

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Dec-12 13:16

CONVENTIONAL - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1237081 - Conventionals No-Prep										
Duplicate (1237081-DUP1)		Source: T209049-01		Prepared & Analyzed: 14-Sep-12						
Chloride	**43.7**	**0.076**	**mg/L**		**43.7**			**0**	**30**	
Matrix Spike (1237081-MS1)		Source: T209049-01		Prepared & Analyzed: 14-Sep-12						
Chloride	**60.4**	**0.076**	**mg/L**	**20.0**	**43.7**	**84**	**75-125**			
Batch 1237088 - Conventionals No-Prep										
Blank (1237088-BLK1)				Prepared & Analyzed: 17-Sep-12						
Sulfate	0.6 U	0.6	mg/L							
LCS (1237088-BS1)				Prepared & Analyzed: 17-Sep-12						
Sulfate	**26.9**	**0.6**	**mg/L**	**25.2**		**107**	**70-130**			
Duplicate (1237088-DUP1)		Source: T209049-01		Prepared & Analyzed: 17-Sep-12						
Sulfate	**30.0**	**0.6**	**mg/L**		**27.5**			**9**	**20**	
Matrix Spike (1237088-MS1)		Source: T209049-01		Prepared & Analyzed: 17-Sep-12						
Sulfate	**48.4**	**0.6**	**mg/L**	**20.0**	**27.5**	**105**	**75-125**			
Batch T2I1107 - 1236088										
Calibration Check (T2I1107-CCV3)				Prepared & Analyzed: 08-Sep-12						
Nitrate as N	**1.03**		**mg/L**	**1.00**		**103**	**0-200**			
Batch T2I1701 - 1237088										
Calibration Blank (T2I1701-CCB1)				Prepared & Analyzed: 17-Sep-12						
Sulfate	**-1.7**		**mg/L**							

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CONVENTIONAL - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch T2I1701 - 1237088										
Calibration Blank (T2I1701-CCB2)				Prepared & Analyzed: 17-Sep-12						
Sulfate	**1.8**		**mg/L**							
Calibration Blank (T2I1701-CCB3)				Prepared & Analyzed: 17-Sep-12						
Sulfate	**0.7**		**mg/L**							
Calibration Blank (T2I1701-CCB4)				Prepared & Analyzed: 17-Sep-12						
Sulfate	**0.9**		**mg/L**							
Calibration Blank (T2I1701-CCB5)				Prepared & Analyzed: 17-Sep-12						
Sulfate	**1.1**		**mg/L**							
Calibration Check (T2I1701-CCV1)				Prepared & Analyzed: 17-Sep-12						
Sulfate	**75.1**		**mg/L**	**75.0**		**100**	**0-200**			
Calibration Check (T2I1701-CCV2)				Prepared & Analyzed: 17-Sep-12						
Sulfate	**74.3**		**mg/L**	**75.0**		**99**	**0-200**			
Calibration Check (T2I1701-CCV3)				Prepared & Analyzed: 17-Sep-12						
Sulfate	**73.0**		**mg/L**	**75.0**		**97**	**0-200**			
Calibration Check (T2I1701-CCV4)				Prepared & Analyzed: 17-Sep-12						
Sulfate	**76.1**		**mg/L**	**75.0**		**101**	**0-200**			
Calibration Check (T2I1701-CCV5)				Prepared & Analyzed: 17-Sep-12						
Sulfate	**74.8**		**mg/L**	**75.0**		**100**	**0-200**			

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Dec-12 13:16

Dissolved Gases (GC) - Quality Control

TestAmerica Seattle

Sample ID Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 21347 - NA										
Blank (21347-3)				Prepared & Analyzed: 19-Sep-12						
Acetylene	0.0034 U	0.0034	mg/L				-			
Ethane	0.0025 U	0.0025	mg/L				-			
Ethylene	0.0025 U	0.0025	mg/L				-			
Methane	0.0025 U	0.0025	mg/L				-			
LCS (21347-4)				Prepared & Analyzed: 19-Sep-12						
Acetylene	**0.421**	**0.0034**	**mg/L**	**0.450**		**94**	**80-120**			
Ethane	**0.474**	**0.0025**	**mg/L**	**0.513**		**93**	**80-120**			
Ethylene	**0.461**	**0.0025**	**mg/L**	**0.479**		**96**	**80-120**			
Methane	**0.253**	**0.0025**	**mg/L**	**0.273**		**93**	**80-120**			
Matrix Spike Dup (348373D)	**Source: T209049-03**			Prepared & Analyzed: 19-Sep-12						
Acetylene	**0.393**	**0.0034**	**mg/L**	**0.450**	**ND**	**87**	**70-130**	**3**	**30**	
Ethane	**0.456**	**0.0025**	**mg/L**	**0.513**	**ND**	**89**	**71-120**	**1**	**30**	
Ethylene	**0.447**	**0.0025**	**mg/L**	**0.479**	**ND**	**93**	**71-120**	**0**	**30**	
Methane	**0.245**	**0.0025**	**mg/L**	**0.273**	**ND**	**90**	**46-142**	**1**	**30**	
Matrix Spike (348373S)	**Source: T209049-03**			Prepared & Analyzed: 19-Sep-12						
Acetylene	**0.404**	**0.0034**	**mg/L**	**0.450**	**ND**	**90**	**70-130**			
Ethane	**0.453**	**0.0025**	**mg/L**	**0.513**	**ND**	**88**	**71-120**			
Ethylene	**0.445**	**0.0025**	**mg/L**	**0.479**	**ND**	**93**	**71-120**			
Methane	**0.244**	**0.0025**	**mg/L**	**0.273**	**ND**	**89**	**46-142**			

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.

Reviewed By

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	27-Dec-12 13:16

Notes and Definitions

Ja	The result is an estimated concentration.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Analyte Not Detected at or above the associated value
UJ	Analyte Not Detected at or above the associated estimated value
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

City of Tacoma
Environmental Services Laboratory

23 January 2013

Calvin Taylor
PW Science and Engineering
326 East D Street
Tacoma, WA 98421

Subject: Sauro Property MNA

Enclosed are the analytical results for samples collected between 12/19/2012 and 12/21/2012.

Quality Control Data are included with the sample results for your review.

If you have any questions concerning this report, call me at (253)502-2130. Please note that remaining samples associated with this report will be discarded 3 months from the date of this report unless we are notified otherwise.

Sincerely,

Stuart Magoon
Assistant Division Manager
Environmental Services Laboratory

cc.

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Jan-13 11:10

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled
LAI-MW1	T212133-01	Water	21-Dec-12 13:24
LAI-MW2	T212133-02	Water	21-Dec-12 10:50
LAI-MW3	T212133-03	Water	21-Dec-12 12:30
LAI-MW4	T212133-04	Water	20-Dec-12 10:40
LAI-MW5	T212133-05	Water	19-Dec-12 10:35
MW1-PP	T212133-06	Water	20-Dec-12 14:50
MW2-PP	T212133-07	Water	20-Dec-12 14:25
MW13	T212133-08	Water	20-Dec-12 11:50
RNS-MW2	T212133-09	Water	19-Dec-12 12:30
RNS-MW6	T212133-10	Water	20-Dec-12 13:45
RNS-MW7	T212133-11	Water	19-Dec-12 14:10
RNS-MW2-DUP	T212133-12	Water	19-Dec-12 12:32
Trip Blank	T212133-13	Water	19-Dec-12 10:00

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.

Reviewed By

CHAIN OF CUSTODY

The samples were received under appropriate Chain of Custody procedures. COC's were generated for transport to contract laboratories.

SAMPLE RECEIPT, PRESERVATION AND STORAGE

Samples were properly preserved and stored in accordance with the applicable method requirements.

HOLDING TIMES

All analyses were performed within the required holding times. The analysis for Field parameters took place as soon as the samples were collected.

METHODS

The samples were analyzed by the following methods:

Standard Methods 4500-SO4 E
Standard Methods 4500-S2D
Standard Methods 5310B
Standard Methods 4500-Cl-E
EPA Method RSK-175 (MEEA)
EPA Method 353.2
Standard Methods 2510B
Standard Methods 2580B
Iron, Ferrous Hach 8131
Standard Methods 4500-0 G
Standard Methods 4500 H And B
EPA 170.1
SM 2130 B
Water Level

CONTRACT LABS

The samples were sent to TestAmerica for analysis of Methane, Ethane, Ethene and Acetylene (MEEA) by EPA method RSK-175.

METHOD DETECTION LIMITS

All analytes are reported to the Method Detection Limit (MDL). Values below the PQL are qualified as estimated (J) and may not be as precise as values reported greater than the PQL (the low standard or 3 - 5 times the MDL). Project reporting limit goals were 0.005 mg/L for methane and 0.001 mg/L for ethane, ethane and acetylene. The TestAmerica reporting limit was 0.005 mg/L for all four compounds.

METHOD BLANKS

Method blanks were analyzed at the required frequencies of the methods. There was a minimum of one Method Blank for each analytical method. Blank values were less than the Practical Quantitation Limits or sample concentrations were greater than 5 times the blank values. No data is qualified.

LABORATORY CONTROL SAMPLES

Laboratory Control Samples were analyzed with these samples for RSK-175, Sulfate, Sulfide, Nitrate, and Total Organic Carbon. The recoveries for all associated LCS were within the laboratory limits.

DUPLICATE SAMPLE ANALYSIS

Duplicate analysis was performed for Nitrate/Nitrite, Sulfate, Sulfide, and Chloride. Relative percent differences were within the laboratory limits.

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE ANALYSIS

Matrix Spike and/or Matrix Spike Duplicate analysis was performed with these samples. The recoveries were within the laboratory limits except for Methane in T212133-04MS and 04MSD. MS recovery was 17% and MSD recovery was 4% with limits of 46 – 142. Methane has not been qualified as the amount of methane in the sample was greater than 4 times the spike amount.

DATA AVAILABILITY

All data associated with the samples contained in this report are archived at the Environmental Services Laboratory and are available upon request.

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Jan-13 11:10

LAI-MW1
T212133-01 (Water)
21-Dec-12 13:24

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
CONVENTIONAL							
Chloride	**44.1**	1.00	0.076	mg/L	24-Dec-12	24-Dec-12	SM 4500-Cl⁻ E
Nitrate as N	**1.15**	0.010	0.008	mg/L	26-Dec-12	26-Dec-12	EPA 353.2
Nitrite as N	**0.0229**	0.0100	0.0037	mg/L	21-Dec-12	21-Dec-12	353.2
Total Organic Carbon	**3.97**	1.00	0.22	mg/L	28-Dec-12	28-Dec-12	SM 5310 B
Sulfate	**17.7**	5.0	0.6	mg/L	27-Dec-12	27-Dec-12	SM 4500-SO4 E
Sulfide	0.009 U	0.150	0.009	mg/L	24-Dec-12	24-Dec-12	SM 4500-S2D
FIELD							
Conductivity	**490**	2.00	0.420	uS/cm		21-Dec-12	SM 2510 B
Dissolved oxygen	**1.90**	0.100	0.100	mg/L		21-Dec-12	SM 4500-O G
Fe(II)	**0.040**	0.030		mg/L		21-Dec-12	HACH 8131
Oxidation/Reduction Potential	**-14.1**			mV		21-Dec-12	SM 2580 B
pH	**6.29**	0.100		pH Units		21-Dec-12	SM 4500-H+ B
Temperature	**58.1**	0.00		°F		21-Dec-12	EPA 170.1
Turbidity	**9.50**	10.0	0.17	NTU		21-Dec-12	SM 2310 B
Water Level	**45.0**	0.00		Feet		21-Dec-12	Field Measurement

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.

Reviewed By

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: ClP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Jan-13 11:10

LAI-MW2
T212133-02 (Water)
21-Dec-12 10:50

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
CONVENTIONAL							
Chloride	**8.99**	1.00	0.076	mg/L	24-Dec-12	24-Dec-12	SM 4500-Cl⁻ E
Nitrate as N	0.008 U	0.010	0.008	mg/L	26-Dec-12	26-Dec-12	EPA 353.2
Nitrite as N	**0.0161**	0.0100	0.0037	mg/L	21-Dec-12	21-Dec-12	353.2
Total Organic Carbon	**2.38**	1.00	0.22	mg/L	28-Dec-12	28-Dec-12	SM 5310 B
Sulfate	**11.3**	5.0	0.6	mg/L	27-Dec-12	27-Dec-12	SM 4500-SO4 E
Sulfide	**0.285**	0.150	0.009	mg/L	24-Dec-12	24-Dec-12	SM 4500-S2D
FIELD							
Conductivity	**450**	2.00	0.420	uS/cm		21-Dec-12	SM 2510 B
Dissolved oxygen	**3.06**	0.100	0.100	mg/L		21-Dec-12	SM 4500-O G
Fe(II)	**0.050**	0.030		mg/L		21-Dec-12	HACH 8131
Oxidation/Reduction Potential	**-19.2**			mV		21-Dec-12	SM 2580 B
pH	**6.80**	0.100		pH Units		21-Dec-12	SM 4500-H+ B
Temperature	**53.7**	0.00		°F		21-Dec-12	EPA 170.1
Turbidity	**13.9**	10.0	0.17	NTU		21-Dec-12	SM 2310 B
Water Level	**44.1**	0.00		Feet		21-Dec-12	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Jan-13 11:10

LAI-MW3
T212133-03 (Water)
21-Dec-12 12:30

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
CONVENTIONAL							
Chloride	**5.36**	1.00	0.076	mg/L	24-Dec-12	24-Dec-12	SM 4500-Cl⁻ E
Nitrate as N	**0.165**	0.010	0.008	mg/L	26-Dec-12	26-Dec-12	EPA 353.2
Nitrite as N	**0.0357**	0.0100	0.0037	mg/L	21-Dec-12	21-Dec-12	353.2
Total Organic Carbon	**4.36**	1.00	0.22	mg/L	28-Dec-12	28-Dec-12	SM 5310 B
Sulfate	**8.3**	5.0	0.6	mg/L	27-Dec-12	27-Dec-12	SM 4500-SO4 E
Sulfide	**0.076 J**	0.150	0.009	mg/L	24-Dec-12	24-Dec-12	SM 4500-S2D
FIELD							
Conductivity	**299**	2.00	0.420	uS/cm		21-Dec-12	SM 2510 B
Dissolved oxygen	**5.36**	0.100	0.100	mg/L		21-Dec-12	SM 4500-O G
Fe(II)	**0.030**	0.030		mg/L		21-Dec-12	HACH 8131
Oxidation/Reduction Potential	**-28.1**			mV		21-Dec-12	SM 2580 B
pH	**6.69**	0.100		pH Units		21-Dec-12	SM 4500-H+ B
Temperature	**55.5**	0.00		°F		21-Dec-12	EPA 170.1
Turbidity	**48.4**	10.0	0.17	NTU		21-Dec-12	SM 2310 B
Water Level	**50.4**	0.00		Feet		21-Dec-12	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Jan-13 11:10

LAI-MW4

T212133-04 (Water)

20-Dec-12 10:40

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
CONVENTIONAL							
Chloride	**33.1**	1.00	0.076	mg/L	24-Dec-12	24-Dec-12	SM 4500-Cl⁻ E
Nitrate as N	0.008 U	0.010	0.008	mg/L	26-Dec-12	26-Dec-12	EPA 353.2
Nitrite as N	**0.0480**	0.0100	0.0037	mg/L	21-Dec-12	21-Dec-12	353.2
Total Organic Carbon	**10.7**	1.00	0.22	mg/L	28-Dec-12	28-Dec-12	SM 5310 B
Sulfate	**4.0 J**	5.0	0.6	mg/L	27-Dec-12	27-Dec-12	SM 4500-SO4 E
Sulfide	**0.029 J**	0.150	0.009	mg/L	24-Dec-12	24-Dec-12	SM 4500-S2D
FIELD							
Conductivity	**697**	2.00	0.420	uS/cm		20-Dec-12	SM 2510 B
Dissolved oxygen	**2.52**	0.100	0.100	mg/L		20-Dec-12	SM 4500-O G
Fe(II)	**4.70**	0.150		mg/L		20-Dec-12	HACH 8131
Oxidation/Reduction Potential	**-75.0**			mV		20-Dec-12	SM 2580 B
pH	**6.68**	0.100		pH Units		20-Dec-12	SM 4500-H+ B
Temperature	**54.8**	0.00		°F		20-Dec-12	EPA 170.1
Turbidity	**23.2**	10.0	0.17	NTU		20-Dec-12	SM 2310 B
Water Level	**10.2**	0.00		Feet		20-Dec-12	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Jan-13 11:10

LAI-MW5

T212133-05 (Water)

19-Dec-12 10:35

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
CONVENTIONAL							
Chloride	**58.4**	1.00	0.076	mg/L	24-Dec-12	24-Dec-12	SM 4500-Cl⁻ E
Nitrate as N	0.008 U	0.010	0.008	mg/L	26-Dec-12	26-Dec-12	EPA 353.2
Nitrite as N	**0.0490**	0.0100	0.0037	mg/L	21-Dec-12	21-Dec-12	353.2
Total Organic Carbon	**10.0**	1.00	0.22	mg/L	28-Dec-12	28-Dec-12	SM 5310 B
Sulfate	**5.4**	5.0	0.6	mg/L	27-Dec-12	27-Dec-12	SM 4500-SO4 E
Sulfide	0.009 U	0.150	0.009	mg/L	24-Dec-12	24-Dec-12	SM 4500-S2D
FIELD							
Conductivity	**597**	2.00	0.420	uS/cm		19-Dec-12	SM 2510 B
Dissolved oxygen	**2.32**	0.100	0.100	mg/L		19-Dec-12	SM 4500-O G
Fe(II)	**6.32**	0.120		mg/L		19-Dec-12	HACH 8131
Oxidation/Reduction Potential	**-12.2**			mV		19-Dec-12	SM 2580 B
pH	**5.94**	0.100		pH Units		19-Dec-12	SM 4500-H+ B
Temperature	**57.6**	0.00		°F		19-Dec-12	EPA 170.1
Turbidity	**271**	10.0	0.17	NTU		19-Dec-12	SM 2310 B
Water Level	**23.1**	0.00		Feet		19-Dec-12	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Jan-13 11:10

MW1-PP

T212133-06 (Water)

20-Dec-12 14:50

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
CONVENTIONAL							
Chloride	**52.6**	1.00	0.076	mg/L	24-Dec-12	24-Dec-12	SM 4500-Cl⁻ E
Nitrate as N	0.008 U	0.010	0.008	mg/L	26-Dec-12	26-Dec-12	EPA 353.2
Nitrite as N	**0.0360**	0.0100	0.0037	mg/L	21-Dec-12	21-Dec-12	353.2
Total Organic Carbon	**15.1**	1.00	0.22	mg/L	28-Dec-12	28-Dec-12	SM 5310 B
Sulfate	**46.5**	5.0	0.6	mg/L	27-Dec-12	27-Dec-12	SM 4500-SO4 E
Sulfide	**0.056 J**	0.150	0.009	mg/L	24-Dec-12	24-Dec-12	SM 4500-S2D
FIELD							
Conductivity	**1020**	2.00	0.420	uS/cm		20-Dec-12	SM 2510 B
Dissolved oxygen	**0.900**	0.100	0.100	mg/L		20-Dec-12	SM 4500-O G
Fe(II)	**27.0**	0.600		mg/L		20-Dec-12	HACH 8131
Oxidation/Reduction Potential	**-67.7**			mV		20-Dec-12	SM 2580 B
pH	**6.43**	0.100		pH Units		20-Dec-12	SM 4500-H+ B
Temperature	**55.0**	0.00		°F		20-Dec-12	EPA 170.1
Turbidity	**36.7**	10.0	0.17	NTU		20-Dec-12	SM 2310 B
Water Level	**16.4**	0.00		Feet		20-Dec-12	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Jan-13 11:10

MW2-PP
T212133-07 (Water)
20-Dec-12 14:25

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
CONVENTIONAL							
Chloride	**61.5**	1.00	0.076	mg/L	24-Dec-12	24-Dec-12	SM 4500-Cl⁻ E
Nitrate as N	**0.477**	0.010	0.008	mg/L	26-Dec-12	26-Dec-12	EPA 353.2
Nitrite as N	**0.0209**	0.0100	0.0037	mg/L	21-Dec-12	21-Dec-12	353.2
Total Organic Carbon	**4.36**	1.00	0.22	mg/L	28-Dec-12	28-Dec-12	SM 5310 B
Sulfate	**37.9**	5.0	0.6	mg/L	27-Dec-12	27-Dec-12	SM 4500-SO4 E
Sulfide	0.009 U	0.150	0.009	mg/L	24-Dec-12	24-Dec-12	SM 4500-S2D
FIELD							
Conductivity	**662**	2.00	0.420	uS/cm		20-Dec-12	SM 2510 B
Dissolved oxygen	**3.10**	0.100	0.100	mg/L		20-Dec-12	SM 4500-O G
Fe(II)	**2.25**	0.030		mg/L		20-Dec-12	HACH 8131
Oxidation/Reduction Potential	**-3.60**			mV		20-Dec-12	SM 2580 B
pH	**6.18**	0.100		pH Units		20-Dec-12	SM 4500-H+ B
Temperature	**54.4**	0.00		°F		20-Dec-12	EPA 170.1
Turbidity	**3.32**	10.0	0.17	NTU		20-Dec-12	SM 2310 B
Water Level	**14.6**	0.00		Feet		20-Dec-12	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Jan-13 11:10

MW13
T212133-08 (Water)
20-Dec-12 11:50

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
CONVENTIONAL							
Chloride	**8.28**	1.00	0.076	mg/L	24-Dec-12	24-Dec-12	SM 4500-Cl⁻ E
Nitrate as N	**0.306**	0.010	0.008	mg/L	26-Dec-12	26-Dec-12	EPA 353.2
Nitrite as N	**0.0168**	0.0100	0.0037	mg/L	21-Dec-12	21-Dec-12	353.2
Total Organic Carbon	**4.51**	1.00	0.22	mg/L	28-Dec-12	28-Dec-12	SM 5310 B
Sulfate	**24.1**	5.0	0.6	mg/L	27-Dec-12	27-Dec-12	SM 4500-SO4 E
Sulfide	0.009 U	0.150	0.009	mg/L	24-Dec-12	24-Dec-12	SM 4500-S2D
FIELD							
Conductivity	**573**	2.00	0.420	uS/cm		20-Dec-12	SM 2510 B
Dissolved oxygen	**3.20**	0.100	0.100	mg/L		20-Dec-12	SM 4500-O G
Fe(II)	**0.280**	0.120		mg/L		20-Dec-12	HACH 8131
Oxidation/Reduction Potential	**-1.10**			mV		20-Dec-12	SM 2580 B
pH	**6.63**	0.100		pH Units		20-Dec-12	SM 4500-H+ B
Temperature	**54.1**	0.00		°F		20-Dec-12	EPA 170.1
Turbidity	**640**	40.0	0.68	NTU		20-Dec-12	SM 2310 B
Water Level	**39.1**	0.00		Feet		20-Dec-12	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Jan-13 11:10

RNS-MW2
T212133-09 (Water)
19-Dec-12 12:30

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
CONVENTIONAL							
Chloride	**22.9**	1.00	0.076	mg/L	24-Dec-12	24-Dec-12	SM 4500-Cl⁻ E
Nitrate as N	**3.28**	0.010	0.008	mg/L	26-Dec-12	26-Dec-12	EPA 353.2
Nitrite as N	**0.0628**	0.0100	0.0037	mg/L	21-Dec-12	21-Dec-12	353.2
Total Organic Carbon	**2.00**	1.00	0.22	mg/L	28-Dec-12	28-Dec-12	SM 5310 B
Sulfate	**41.2**	5.0	0.6	mg/L	27-Dec-12	27-Dec-12	SM 4500-SO4 E
Sulfide	0.009 U	0.150	0.009	mg/L	24-Dec-12	24-Dec-12	SM 4500-S2D
FIELD							
Conductivity	**444**	2.00	0.420	uS/cm		19-Dec-12	SM 2510 B
Dissolved oxygen	**8.67**	0.100	0.100	mg/L		19-Dec-12	SM 4500-O G
Fe(II)	**0.060**	0.030		mg/L		19-Dec-12	HACH 8131
Oxidation/Reduction Potential	**24.7**			mV		19-Dec-12	SM 2580 B
pH	**6.70**	0.100		pH Units		19-Dec-12	SM 4500-H+ B
Temperature	**58.3**	0.00		°F		19-Dec-12	EPA 170.1
Turbidity	**660**	50.0	0.85	NTU		19-Dec-12	SM 2310 B
Water Level	**15.8**	0.00		Feet		19-Dec-12	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Jan-13 11:10

RNS-MW6
T212133-10 (Water)
20-Dec-12 13:45

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
CONVENTIONAL							
Chloride	**17.0**	1.00	0.076	mg/L	24-Dec-12	24-Dec-12	SM 4500-Cl⁻ E
Nitrate as N	**0.049**	0.010	0.008	mg/L	26-Dec-12	26-Dec-12	EPA 353.2
Nitrite as N	**0.0333**	0.0100	0.0037	mg/L	21-Dec-12	21-Dec-12	353.2
Total Organic Carbon	**4.63**	1.00	0.22	mg/L	28-Dec-12	28-Dec-12	SM 5310 B
Sulfate	**25.4**	5.0	0.6	mg/L	27-Dec-12	27-Dec-12	SM 4500-SO4 E
Sulfide	0.009 U	0.150	0.009	mg/L	24-Dec-12	24-Dec-12	SM 4500-S2D
FIELD							
Conductivity	**620**	2.00	0.420	uS/cm		20-Dec-12	SM 2510 B
Dissolved oxygen	**2.75**	0.100	0.100	mg/L		20-Dec-12	SM 4500-O G
Fe(II)	U	0.030		mg/L		20-Dec-12	HACH 8131
Oxidation/Reduction Potential	**-6.80**			mV		20-Dec-12	SM 2580 B
pH	**6.56**	0.100		pH Units		20-Dec-12	SM 4500-H+ B
Temperature	**55.1**	0.00		°F		20-Dec-12	EPA 170.1
Turbidity	**1390**	40.0	0.68	NTU		20-Dec-12	SM 2310 B
Water Level	**35.8**	0.00		Feet		20-Dec-12	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Jan-13 11:10

RNS-MW7
T212133-11 (Water)
19-Dec-12 14:10

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
CONVENTIONAL							
Chloride	**28.9**	1.00	0.076	mg/L	24-Dec-12	24-Dec-12	SM 4500-Cl⁻ E
Nitrate as N	**0.352**	0.010	0.008	mg/L	26-Dec-12	26-Dec-12	EPA 353.2
Nitrite as N	**0.0293**	0.0100	0.0037	mg/L	21-Dec-12	21-Dec-12	353.2
Total Organic Carbon	**2.25**	1.00	0.22	mg/L	28-Dec-12	28-Dec-12	SM 5310 B
Sulfate	**33.4**	5.0	0.6	mg/L	27-Dec-12	27-Dec-12	SM 4500-SO4 E
Sulfide	0.009 U	0.150	0.009	mg/L	24-Dec-12	24-Dec-12	SM 4500-S2D
FIELD							
Conductivity	**465**	2.00	0.420	uS/cm		19-Dec-12	SM 2510 B
Dissolved oxygen	**1.94**	0.100	0.100	mg/L		19-Dec-12	SM 4500-O G
Fe(II)	U	0.030		mg/L		19-Dec-12	HACH 8131
Oxidation/Reduction Potential	**-23.9**			mV		19-Dec-12	SM 2580 B
pH	**6.87**	0.100		pH Units		19-Dec-12	SM 4500-H+ B
Temperature	**55.2**	0.00		°F		19-Dec-12	EPA 170.1
Turbidity	**465**	50.0	0.85	NTU		19-Dec-12	SM 2310 B
Water Level	**20.3**	0.00		Feet		19-Dec-12	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Jan-13 11:10

RNS-MW2-DUP
T212133-12 (Water)
19-Dec-12 12:32

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
CONVENTIONAL							
Chloride	**20.6**	1.00	0.076	mg/L	24-Dec-12	24-Dec-12	SM 4500-Cl⁻ E
Nitrate as N	**3.44**	0.010	0.008	mg/L	26-Dec-12	26-Dec-12	EPA 353.2
Nitrite as N	**0.0376**	0.0100	0.0037	mg/L	21-Dec-12	21-Dec-12	353.2
Total Organic Carbon	**2.56**	1.00	0.22	mg/L	28-Dec-12	28-Dec-12	SM 5310 B
Sulfate	**37.4**	5.0	0.6	mg/L	27-Dec-12	27-Dec-12	SM 4500-SO4 E
Sulfide	0.009 U	0.150	0.009	mg/L	24-Dec-12	24-Dec-12	SM 4500-S2D

LAI-MW1
T212133-01 (Water)
21-Dec-12 13:24

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
Dissolved Gases (GC)							
Acetylene	0.0034 U	0.0050	0.0034	mg/L	04-Jan-13	04-Jan-13	RSK-175
Ethane	0.0025 U	0.0050	0.0025	mg/L	04-Jan-13	04-Jan-13	RSK-175
Ethylene	0.0025 U	0.0050	0.0025	mg/L	04-Jan-13	04-Jan-13	RSK-175
Methane	0.0025 U	0.0050	0.0025	mg/L	04-Jan-13	04-Jan-13	RSK-175

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Jan-13 11:10

LAI-MW2
T212133-02 (Water)
21-Dec-12 10:50

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
Dissolved Gases (GC)							
Acetylene	0.0034 U	0.0050	0.0034	mg/L	04-Jan-13	04-Jan-13	RSK-175
Ethane	0.0025 U	0.0050	0.0025	mg/L	04-Jan-13	04-Jan-13	RSK-175
Ethylene	0.0025 U	0.0050	0.0025	mg/L	04-Jan-13	04-Jan-13	RSK-175
Methane	**0.037**	0.0050	0.0025	mg/L	04-Jan-13	04-Jan-13	RSK-175

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Jan-13 11:10

LAI-MW3
T212133-03 (Water)
21-Dec-12 12:30

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
Dissolved Gases (GC)							
Acetylene	0.0034 U	0.0050	0.0034	mg/L	04-Jan-13	04-Jan-13	RSK-175
Ethane	0.0025 U	0.0050	0.0025	mg/L	04-Jan-13	04-Jan-13	RSK-175
Ethylene	0.0025 U	0.0050	0.0025	mg/L	04-Jan-13	04-Jan-13	RSK-175
Methane	0.0025 U	0.0050	0.0025	mg/L	04-Jan-13	04-Jan-13	RSK-175

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Jan-13 11:10

LAI-MW4
T212133-04 (Water)
20-Dec-12 10:40

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
Dissolved Gases (GC)							
Acetylene	0.0034 U	0.0050	0.0034	mg/L	03-Jan-13	03-Jan-13	RSK-175
Ethane	0.0025 U	0.0050	0.0025	mg/L	03-Jan-13	03-Jan-13	RSK-175
Ethylene	0.0025 U	0.0050	0.0025	mg/L	03-Jan-13	03-Jan-13	RSK-175

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Jan-13 11:10

LAI-MW4

T212133-04RE1 (Water)

20-Dec-12 10:40

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
Dissolved Gases (GC)							
Methane	**2.8**	0.050	0.025	mg/L	03-Jan-13	03-Jan-13	RSK-175

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Jan-13 11:10

LAI-MW5

T212133-05 (Water)

19-Dec-12 10:35

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
Dissolved Gases (GC)							
Acetylene	0.0034 U	0.0050	0.0034	mg/L	02-Jan-13	02-Jan-13	RSK-175
Ethane	0.0025 U	0.0050	0.0025	mg/L	02-Jan-13	02-Jan-13	RSK-175
Ethylene	0.0025 U	0.0050	0.0025	mg/L	02-Jan-13	02-Jan-13	RSK-175

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.

Reviewed By

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Jan-13 11:10

LAI-MW5

T212133-05RE1 (Water)

19-Dec-12 10:35

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
Dissolved Gases (GC)							
Methane	**5.2**	0.050	0.025	mg/L	02-Jan-13	02-Jan-13	RSK-175

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Jan-13 11:10

MW1-PP
T212133-06 (Water)
20-Dec-12 14:50

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
Dissolved Gases (GC)							
Acetylene	0.0034 U	0.0050	0.0034	mg/L	03-Jan-13	03-Jan-13	RSK-175
Ethane	0.0025 U	0.0050	0.0025	mg/L	03-Jan-13	03-Jan-13	RSK-175
Ethylene	0.0025 U	0.0050	0.0025	mg/L	03-Jan-13	03-Jan-13	RSK-175

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Jan-13 11:10

MW1-PP
T212133-06RE1 (Water)
20-Dec-12 14:50

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
Dissolved Gases (GC)							
Methane	**0.81**	0.010	0.0050	mg/L	03-Jan-13	03-Jan-13	RSK-175

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.

Reviewed By:

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Jan-13 11:10

MW2-PP
T212133-07 (Water)
20-Dec-12 14:25

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
Dissolved Gases (GC)							
Acetylene	0.0034 U	0.0050	0.0034	mg/L	03-Jan-13	03-Jan-13	RSK-175
Ethane	0.0025 U	0.0050	0.0025	mg/L	03-Jan-13	03-Jan-13	RSK-175
Ethylene	0.0025 U	0.0050	0.0025	mg/L	03-Jan-13	03-Jan-13	RSK-175
Methane	0.0025 U	0.0050	0.0025	mg/L	03-Jan-13	03-Jan-13	RSK-175

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Jan-13 11:10

MW13
T212133-08 (Water)
20-Dec-12 11:50

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
Dissolved Gases (GC)							
Acetylene	0.0034 U	0.0050	0.0034	mg/L	03-Jan-13	03-Jan-13	RSK-175
Ethane	0.0025 U	0.0050	0.0025	mg/L	03-Jan-13	03-Jan-13	RSK-175
Ethylene	0.0025 U	0.0050	0.0025	mg/L	03-Jan-13	03-Jan-13	RSK-175
Methane	**0.0060**	0.0050	0.0025	mg/L	03-Jan-13	03-Jan-13	RSK-175

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Jan-13 11:10

RNS-MW2
T212133-09 (Water)
19-Dec-12 12:30

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
Dissolved Gases (GC)							
Acetylene	0.0034 U	0.0050	0.0034	mg/L	02-Jan-13	02-Jan-13	RSK-175
Ethane	0.0025 U	0.0050	0.0025	mg/L	02-Jan-13	02-Jan-13	RSK-175
Ethylene	0.0025 U	0.0050	0.0025	mg/L	02-Jan-13	02-Jan-13	RSK-175
Methane	0.0025 U	0.0050	0.0025	mg/L	02-Jan-13	02-Jan-13	RSK-175

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Jan-13 11:10

RNS-MW6
T212133-10 (Water)
20-Dec-12 13:45

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
Dissolved Gases (GC)							
Acetylene	0.0034 U	0.0050	0.0034	mg/L	03-Jan-13	03-Jan-13	RSK-175
Ethane	0.0025 U	0.0050	0.0025	mg/L	03-Jan-13	03-Jan-13	RSK-175
Ethylene	0.0025 U	0.0050	0.0025	mg/L	03-Jan-13	03-Jan-13	RSK-175
Methane	**0.036**	0.0050	0.0025	mg/L	03-Jan-13	03-Jan-13	RSK-175

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Jan-13 11:10

RNS-MW7
T212133-11 (Water)
19-Dec-12 14:10

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
Dissolved Gases (GC)							
Acetylene	0.0034 U	0.0050	0.0034	mg/L	02-Jan-13	02-Jan-13	RSK-175
Ethane	0.0025 U	0.0050	0.0025	mg/L	02-Jan-13	02-Jan-13	RSK-175
Ethylene	0.0025 U	0.0050	0.0025	mg/L	02-Jan-13	02-Jan-13	RSK-175
Methane	0.0025 U	0.0050	0.0025	mg/L	02-Jan-13	02-Jan-13	RSK-175

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: ClP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Jan-13 11:10

RNS-MW2-DUP
T212133-12 (Water)
19-Dec-12 12:32

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
Dissolved Gases (GC)							
Acetylene	0.0034 U	0.0050	0.0034	mg/L	02-Jan-13	02-Jan-13	RSK-175
Ethane	0.0025 U	0.0050	0.0025	mg/L	02-Jan-13	02-Jan-13	RSK-175
Ethylene	0.0025 U	0.0050	0.0025	mg/L	02-Jan-13	02-Jan-13	RSK-175
Methane	0.0025 U	0.0050	0.0025	mg/L	02-Jan-13	02-Jan-13	RSK-175

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Jan-13 11:10

Trip Blank
T212133-13 (Water)
19-Dec-12 10:00

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
Dissolved Gases (GC)							
Acetylene	0.0034 U	0.0050	0.0034	mg/L	02-Jan-13	02-Jan-13	RSK-175
Ethane	0.0025 U	0.0050	0.0025	mg/L	02-Jan-13	02-Jan-13	RSK-175
Ethylene	0.0025 U	0.0050	0.0025	mg/L	02-Jan-13	02-Jan-13	RSK-175
Methane	0.0025 U	0.0050	0.0025	mg/L	02-Jan-13	02-Jan-13	RSK-175

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Jan-13 11:10

CONVENTIONAL - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1251070 - Conventionals No-Prep										
Blank (1251070-BLK1)				Prepared & Analyzed: 21-Dec-12						
Nitrite as N	0.0037 U	0.0037	mg/L							
Duplicate (1251070-DUP1)		Source: T212133-07		Prepared & Analyzed: 21-Dec-12						
Nitrite as N	**0.0236**	**0.0037**	**mg/L**		**0.0209**			**12**	**35**	
Matrix Spike (1251070-MS1)		Source: T212133-07		Prepared & Analyzed: 21-Dec-12						
Nitrite as N	**1.06**	**0.0074**	**mg/L**	**1.00**	**0.0209**	**104**	**70-130**			
Reference (1251070-SRM1)				Prepared & Analyzed: 21-Dec-12						
Nitrite as N	**0.805**	**0.0037**	**mg/L**	**0.779**		**103**	**90-110**			
Batch 1252012 - Conventionals No-Prep										
Blank (1252012-BLK1)				Prepared & Analyzed: 24-Dec-12						
Sulfide	0.009 U	0.009	mg/L							
LCS (1252012-BS1)				Prepared & Analyzed: 24-Dec-12						
Sulfide	**1.77**	**0.009**	**mg/L**	**2.00**		**88**	**50-130**			
Duplicate (1252012-DUP1)		Source: T212133-01		Prepared & Analyzed: 24-Dec-12						
Sulfide	0.009 U	0.009	mg/L		ND				20	
Matrix Spike (1252012-MS1)		Source: T212133-01		Prepared & Analyzed: 24-Dec-12						
Sulfide	**0.957**	**0.009**	**mg/L**	**1.00**	**ND**	**96**	**50-130**			
Batch 1252014 - Conventionals No-Prep										
Blank (1252014-BLK1)				Prepared & Analyzed: 24-Dec-12						
Chloride	**2.23**	**0.076**	**mg/L**							

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Jan-13 11:10

CONVENTIONAL - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1252014 - Conventionals No-Prep										
LCS (1252014-BS1)				Prepared & Analyzed: 24-Dec-12						
Chloride	**15.4**	**0.076**	**mg/L**	**17.8**		**87**	**80-120**			
Duplicate (1252014-DUP1)		**Source: T212133-01**		Prepared & Analyzed: 24-Dec-12						
Chloride	**44.2**	**0.076**	**mg/L**		**44.1**			**0.2**	**30**	
Matrix Spike (1252014-MS1)		**Source: T212133-01**		Prepared & Analyzed: 24-Dec-12						
Chloride	**65.3**	**0.076**	**mg/L**	**20.0**	**44.1**	**106**	**75-125**			
Batch 1252025 - Conventionals No-Prep										
Blank (1252025-BLK1)				Prepared & Analyzed: 26-Dec-12						
Nitrate as N	0.008 U	0.008	mg/L							
LCS (1252025-BS1)				Prepared & Analyzed: 26-Dec-12						
Nitrate as N	**8.78**	**0.082**	**mg/L**	**8.96**		**98**	**80-120**			
Duplicate (1252025-DUP1)		**Source: T212133-01**		Prepared & Analyzed: 26-Dec-12						
Nitrate as N	**1.13**	**0.008**	**mg/L**		**1.15**			**2**	**35**	
Matrix Spike (1252025-MS1)		**Source: T212133-01**		Prepared & Analyzed: 26-Dec-12						
Nitrate as N	**2.06**	**0.008**	**mg/L**	**1.00**	**1.15**	**91**	**70-130**			
Batch 1252026 - Comb./IR										
Blank (1252026-BLK1)				Prepared & Analyzed: 28-Dec-12						
Total Organic Carbon	0.22 U	0.22	mg/L							

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.

Reviewed By

PW Science and Engineering	Project: Sauro Property MNA	
326 East D Street	Project Number: CIP-00020-01-03	Reported:
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Jan-13 11:10

CONVENTIONAL - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1252026 - Comb./IR										
LCS (1252026-BS1)				Prepared & Analyzed: 28-Dec-12						
Total Organic Carbon	**23.9**	**0.22**	**mg/L**	**25.0**		**96**	**85-115**			
Duplicate (1252026-DUP1)	**Source: T212133-01**			Prepared & Analyzed: 28-Dec-12						
Total Organic Carbon	**3.84**	**0.22**	**mg/L**		**3.97**			**3**	**200**	
Matrix Spike (1252026-MS1)	**Source: T212133-01**			Prepared & Analyzed: 28-Dec-12						
Total Organic Carbon	**30.1**	**0.22**	**mg/L**	**25.0**	**3.97**	**105**	**80-120**			
Batch 1252036 - Conventionals No-Prep										
Blank (1252036-BLK1)				Prepared & Analyzed: 27-Dec-12						
Sulfate	0.6 U	0.6	mg/L							
LCS (1252036-BS1)				Prepared & Analyzed: 27-Dec-12						
Sulfate	**51.7**	**0.6**	**mg/L**	**55.8**		**93**	**70-130**			
Duplicate (1252036-DUP1)	**Source: T212133-01**			Prepared & Analyzed: 27-Dec-12						
Sulfate	**17.6**	**0.6**	**mg/L**		**17.7**			**0.6**	**20**	
Matrix Spike (1252036-MS1)	**Source: T212133-01**			Prepared & Analyzed: 27-Dec-12						
Sulfate	**37.5**	**0.6**	**mg/L**	**20.0**	**17.7**	**99**	**75-125**			
Batch T2L2603 - 1252014										
Calibration Check (T2L2603-CCV4)				Prepared & Analyzed: 26-Dec-12						
Nitrate as N	**1.03**		**mg/L**	**1.00**		**103**	**90-110**			

CONVENTIONAL - Quality Control

Environmental Services Laboratory

Sample ID Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch T2L3101 - 1252026										
Calibration Check (T2L3101-CCV1)				Prepared & Analyzed: 28-Dec-12						
Total Organic Carbon	**24.3**		**mg/L**	**25.0**		**97**	**75-125**			

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Jan-13 11:10

Dissolved Gases (GC) - Quality Control

TestAmerica Seattle

Sample ID / Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 48024 - NA										
Matrix Spike Dup (364749D)	**Source: T212133-09**			Prepared & Analyzed: 02-Jan-13						
Acetylene	**0.0370**	**0.00028**	**mg/L**	**0.0375**	**ND**	**99**	**70-130**	**6**	**30**	
Ethane	**0.0376**	**0.00021**	**mg/L**	**0.0427**	**ND**	**88**	**71-120**	**0**	**30**	
Ethylene	**0.0365**	**0.00021**	**mg/L**	**0.0399**	**ND**	**92**	**71-120**	**5**	**30**	
Methane	**0.0191**	**0.00021**	**mg/L**	**0.0228**	**ND**	**84**	**46-142**	**9**	**30**	
Matrix Spike (364749S)	**Source: T212133-09**			Prepared & Analyzed: 02-Jan-13						
Acetylene	**0.0350**	**0.00028**	**mg/L**	**0.0375**	**ND**	**93**	**70-130**			
Ethane	**0.0378**	**0.00021**	**mg/L**	**0.0427**	**ND**	**88**	**71-120**			
Ethylene	**0.0386**	**0.00021**	**mg/L**	**0.0399**	**ND**	**97**	**71-120**			
Methane	**0.0209**	**0.00021**	**mg/L**	**0.0228**	**ND**	**92**	**46-142**			
Blank (48024-3)				Prepared & Analyzed: 02-Jan-13						
Acetylene	0.0034 U	0.0034	mg/L				-			
Ethane	0.0025 U	0.0025	mg/L				-			
Ethylene	0.0025 U	0.0025	mg/L				-			
Methane	0.0025 U	0.0025	mg/L				-			
LCS (48024-4)				Prepared & Analyzed: 02-Jan-13						
Acetylene	**0.386**	**0.0034**	**mg/L**	**0.450**		**86**	**80-120**			
Ethane	**0.505**	**0.0025**	**mg/L**	**0.513**		**99**	**80-120**			
Ethylene	**0.515**	**0.0025**	**mg/L**	**0.479**		**108**	**80-120**			
Methane	**0.274**	**0.0025**	**mg/L**	**0.273**		**100**	**80-120**			
Batch 48250 - NA										
Matrix Spike Dup (364744D)	**Source: T212133-04**			Prepared & Analyzed: 03-Jan-13						
Acetylene	**0.388**	**0.0034**	**mg/L**	**0.450**	**ND**	**86**	**70-130**	**5**	**30**	
Ethane	**0.431**	**0.0025**	**mg/L**	**0.513**	**ND**	**84**	**71-120**	**1**	**30**	
Ethylene	**0.431**	**0.0025**	**mg/L**	**0.479**	**ND**	**90**	**71-120**	**2**	**30**	
Methane	**2.61 E, 4**	**0.0025**	**mg/L**	**0.273**	**2.8**	**4**	**46-142**	**1**	**30**	

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.

Reviewed By

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Jan-13 11:10

Dissolved Gases (GC) - Quality Control

TestAmerica Seattle

Sample ID Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 48250 - NA										
Matrix Spike (364744S)	**Source: T212133-04**			Prepared & Analyzed: 03-Jan-13						
Acetylene	**0.407**	**0.0034**	**mg/L**	**0.450**	**ND**	**90**	**70-130**			
Ethane	**0.435**	**0.0025**	**mg/L**	**0.513**	**ND**	**85**	**71-120**			
Ethylene	**0.422**	**0.0025**	**mg/L**	**0.479**	**ND**	**88**	**71-120**			
Methane	**2.65 E, 4**	**0.0025**	**mg/L**	**0.273**	**2.8**	**17**	**46-142**			
Blank (48250-3)				Prepared & Analyzed: 03-Jan-13						
Acetylene	0.0034 U	0.0034	mg/L				-			
Ethane	0.0025 U	0.0025	mg/L				-			
Ethylene	0.0025 U	0.0025	mg/L				-			
Methane	0.0025 U	0.0025	mg/L				-			
LCS (48250-4)				Prepared & Analyzed: 03-Jan-13						
Acetylene	**0.392**	**0.0034**	**mg/L**	**0.450**		**87**	**80-120**			
Ethane	**0.453**	**0.0025**	**mg/L**	**0.513**		**88**	**80-120**			
Ethylene	**0.459**	**0.0025**	**mg/L**	**0.479**		**96**	**80-120**			
Methane	**0.256**	**0.0025**	**mg/L**	**0.273**		**94**	**80-120**			
Batch 48457 - NA										
Matrix Spike Dup (364741D)	**Source: T212133-01**			Prepared & Analyzed: 04-Jan-13						
Acetylene	**0.446**	**0.0034**	**mg/L**	**0.450**	**ND**	**99**	**70-130**	**4**	**30**	
Ethane	**0.520**	**0.0025**	**mg/L**	**0.513**	**ND**	**101**	**71-120**	**2**	**30**	
Ethylene	**0.514**	**0.0025**	**mg/L**	**0.479**	**ND**	**107**	**71-120**	**0**	**30**	
Methane	**0.288**	**0.0025**	**mg/L**	**0.273**	**ND**	**105**	**46-142**	**2**	**30**	
Matrix Spike (364741S)	**Source: T212133-01**			Prepared & Analyzed: 04-Jan-13						
Acetylene	**0.462**	**0.0034**	**mg/L**	**0.450**	**ND**	**103**	**70-130**			
Ethane	**0.509**	**0.0025**	**mg/L**	**0.513**	**ND**	**99**	**71-120**			
Ethylene	**0.514**	**0.0025**	**mg/L**	**0.479**	**ND**	**107**	**71-120**			
Methane	**0.283**	**0.0025**	**mg/L**	**0.273**	**ND**	**103**	**46-142**			

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Reviewed By

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Jan-13 11:10

Dissolved Gases (GC) - Quality Control

TestAmerica Seattle

Sample ID Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 48457 - NA										
Blank (48457-3)				Prepared & Analyzed: 04-Jan-13						
Acetylene	0.0034 U	0.0034	mg/L				-			
Ethane	0.0025 U	0.0025	mg/L				-			
Ethylene	0.0025 U	0.0025	mg/L				-			
Methane	0.0025 U	0.0025	mg/L				-			
LCS (48457-4)				Prepared & Analyzed: 04-Jan-13						
Acetylene	**0.472**	**0.0034**	**mg/L**	**0.450**		**105**	**80-120**			
Ethane	**0.554**	**0.0025**	**mg/L**	**0.513**		**108**	**80-120**			
Ethylene	**0.542**	**0.0025**	**mg/L**	**0.479**		**113**	**80-120**			
Methane	**0.301**	**0.0025**	**mg/L**	**0.273**		**110**	**80-120**			

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Jan-13 11:10

Notes and Definitions

J	The result is an estimated concentration.
E	Result exceeded calibration range.
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
U	Analyte Not Detected at or above the associated value
UJ	Analyte Not Detected at or above the associated estimated value
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

City of Tacoma
Environmental Services Laboratory

08 February 2013

Calvin Taylor
PW Science and Engineering
326 East D Street
Tacoma, WA 98421

Subject: Sauro Property RIFS

Enclosed are the analytical results for samples collected 01/15/2013.

Quality Control Data are included with the sample results for your review.

If you have any questions concerning this report, call me at (253)502-2130. Please note that remaining samples associated with this report will be discarded 3 months from the date of this report unless we are notified otherwise.

Sincerely,

Stuart Magoon
Assistant Division Manager
Environmental Services Laboratory

cc.

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Feb-13 08:29

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled
Trip Blank	T301121-01	Water	15-Jan-13 15:00
MW1-PP	T301121-02	Water	15-Jan-13 12:35
MW2-PP	T301121-03	Water	15-Jan-13 12:20
MW13-(51.5)	T301121-04	Water	15-Jan-13 14:34
LAI-MW1-(63)	T301121-05	Water	15-Jan-13 14:18
LAI-MW2-(65)	T301121-06	Water	15-Jan-13 12:55
LAI-MW3-(75)	T301121-07	Water	15-Jan-13 13:15
LAI-MW4-(25)	T301121-08	Water	15-Jan-13 14:07
LAI-MW5-(42)	T301121-09	Water	15-Jan-13 11:40
LAI-MW5-(50)	T301121-10	Water	15-Jan-13 11:45
RNS-MW2-(21.5)	T301121-11	Water	15-Jan-13 12:03
RNS-MW2-(38.5)	T301121-12	Water	15-Jan-13 12:08
RNS-MW6-(42.5)	T301121-13	Water	15-Jan-13 14:42
RNS-MW6-(52.5)	T301121-14	Water	15-Jan-13 14:45
LAI-MW5-(42) DUP	T301121-15	Water	15-Jan-13 11:42

CHAIN OF CUSTODY

The samples were received under appropriate Chain of Custody procedures.

SAMPLE RECEIPT, PRESERVATION AND STORAGE

Samples were properly preserved and stored in accordance with the applicable method requirements.

HOLDING TIMES

All analyses were performed within the required holding times.

METHODS

The samples were analyzed by the following method:

EPA Method 8260B for Volatile Organics

METHOD DETECTION LIMITS

All analytes are reported to the Method Detection Limit (MDL). Values below the Practical Quantitation Limits (PQL) are qualified as estimated (J) and may not be as precise as values reported greater than the PQL (the low standard or 3 - 5 times the MDL).

BLANKS

Blanks were analyzed at the required frequencies of the methods. Sample T301121-01 was a Trip Blank. The blanks met the project criteria **except for the following:**

Lab ID	Analyte	Amount (ug/L)	AssociatedSamples	Qualifier
1304040-BLK1	**1,2-Dichlorobenzene**	**0.5**	**-05**	**J**
	1,3-Dichlorobenzene	**0.1J**	**-08**	**J**
	Bromomethane	**0.4**	**-02, -03, -04, -05, -06, -07, -08, -09, -10, -11, -12, -13, -14, & -15**	**UJ**
	Chloromethane	**0.1J**	**-02, -03, -04, -05, -06, -07, -08, -09, -10, -12, -13, & -15**	**UJ**
	Methylene Chloride	**0.1J**	**-02**	**UJ**

The values for Bromomethane, Chloromethane, and Methylene Chloride in the samples listed above are qualified (UJ) as not detected at the estimated reported values. The values for 1,2-Dichlorobenzene and 1,3-Dichlorobenzene in the above associated samples are qualified (J) estimated at their detected levels.

SURROGATE COMPOUNDS

Surrogate compounds were added to each sample to monitor system performance. Surrogate recoveries were within the project limits.

LABORATORY CONTROL SAMPLES

Laboratory Control Samples were analyzed with these samples for all parameters. The recoveries for all associated LCS were within the project limits.

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE ANALYSIS

Matrix Spike and/or Matrix Spike Duplicate analysis was performed with these samples. The recoveries were within the project limits except for the following:

Analyte	MS %REC	MSD %REC	%REC Limits	RPD	RPD Limits
Chloromethane	85.5	120	69-126	33.8*	20
Vinyl Chloride	78.3	114	68-127	37.2*	20
Bromomethane	61.2*	94.0	64-147	41.4*	20
Chloroethane	87.8	110	61-140	22.5*	20
Trichlorofluoromethane	73.5*	111	80-120	40.5*	20
Acrolein	91.3	117	66-141	24.6*	20
1,1-Dichloroethene	76.2*	103	87-114	29.9*	20
1,1,2-Trichlorotrifluoroethane	85.5	115	80-120	29.2*	20
Acetone	70.8*	102	79-126	35.2*	20
Carbon Disulfide	78.7	103	71-139	26.5*	20
Methylene Chloride	76.4	102	79-119	28.5*	20
Acrylonitrile	93.2	117	86-124	22.9*	20
Methyl tert-butyl ether	77.2	107	50-150	32.8*	20
trans-1,2-Dichloroethane	77.6*	109	85-120	33.4*	20
1,1-Dichloroethane	82.5*	111	86-124	29.6*	20
Vinyl Acetate	65.4	81.1	63-133	21.3*	20
cis-1,2-Dichloroethene	78.1*	105	96-116	28.9*	20
2-Butanone	74.9	102	73-130	30.4*	20
Chloroform	82.7*	111	88-121	28.9*	20
1,1,1-Trichloroethane	77.5*	111	82-121	35.2*	20
Carbon Tetrachloride	74.1*	109	80-120	37.8*	20
Benzene	80.8*	106	87-122	27.1*	20

Analyte	MS %REC	MSD %REC	%REC Limits	RPD	RPD Limits
1,2-Dichloroethane	86.9*	112	85-130	25.5*	20
Trichloroethene	80.3*	106	84-123	26.4*	20
1,2-Dichloropropane	86.9*	115	88-131	27.6*	20
Bromodichloromethane	83.7*	108	84-130	25.3*	20
cis-1,3-Dichloropropene	76.2*	101	80-129	28.0*	20
4-Methyl-2-pentanone	83.0	113	66-134	30.5*	20
Toluene	82.3*	108	87-127	26.9*	20
trans-1,3-Dichloropropene	75.5*	108	82-130	35.7*	20
2-Hexanone	84.2	111	70-138	27.8*	20
Dibromochloromethane	81.7	109	81-130	29.1*	20
1,2-Dibromoethane	80.6	115	80-120	35.5*	20
Chlorobenzene	83.9*	108	87-124	25.4*	20
Ethylbenzene	88.6	115	85-134	25.9*	20
m/p-Xylene	84.6*	109	93-120	25.5*	20
o-Xylene	83.5	107	80-120	24.7*	20
Styrene	77.9*	96.9	78-129	21.8*	20
Bromoform	78.2	101	76-134	25.7*	20
1,1,2,2-Tetrachloroethane	81.9	105	77-137	24.9*	20
1,3-Dichlorobenzene	79.5*	98.1	82-133	20.9*	20
1,4-Dichlorobenzene	78.8	99.4	62-138	23.1*	20
1,2-Dichlorobenzene	80.0	100	79-140	22.5*	20

*out of range

No qualification is warranted based on just the Matrix Spike recovery or high RPD data.

INTERNAL STANDARDS

Internal Standards were added to these samples for quantitation purposes. The Area counts of these standards must not vary more than a factor of two from the mid-point standard of the calibration curve according to the method. The retention times must not vary by more than 30 seconds. No compounds varied by more than 30 seconds retention time. The internal standard criteria were met for these samples.

FIELD DUPLICATES

Samples T301121-09; and T301121-15 were submitted as field duplicates. No Compounds were detected in the field duplicate pairs greater than the PQL.

DATA AVAILABILITY

All data associated with the samples contained in this report are archived at the Environmental Services Laboratory and are available upon request.

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Feb-13 08:37

Trip Blank
T301121-01 (Water)
15-Jan-13 15:00

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.3 U	0.5	0.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1-Dichloroethene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichlorobenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,3-Dichlorobenzene	0.09 U	0.5	0.09	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acetone	**7.8**	5.0	1.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acrylonitrile	0.5 U	5.0	0.5	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Benzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromomethane	**0.5 J**	1.0	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Carbon Disulfide	**0.1 J**	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloroform	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloromethane	**0.1 J**	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
cis-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
m/p-Xylene	0.4 U	0.5	0.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Methylene Chloride	0.1 U	1.0	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C

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Reviewed By

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Feb-13 08:37

Trip Blank
T301121-01 (Water)
15-Jan-13 15:00

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
Styrene	**0.4 J**	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Tetrachloroethene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Toluene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
total 1,2-Dichloroethene	0.5 U	0.5	0.5	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
trans-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Trichloroethene	0.07 U	0.2	0.07	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Vinyl Chloride	0.1 U	0.2	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*95.8 %*	*26-175*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*108 %*	*86-126*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*91.8 %*	*81-130*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: Toluene-d8		*98.6 %*	*82-127*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*

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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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Feb-13 08:37

MW1-PP
T301121-02 (Water)
15-Jan-13 12:35

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**15.8**	0.00		Feet	15-Jan-13	15-Jan-13	Field Measurement
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.3 U	0.5	0.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1-Dichloroethene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichlorobenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,3-Dichlorobenzene	0.09 U	0.5	0.09	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acetone	**4.5 J**	5.0	1.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acrylonitrile	0.5 U	5.0	0.5	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Benzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromomethane	**0.4 UJ**	1.0	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloroform	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloromethane	**0.1 UJ**	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
cis-1,2-Dichloroethene	**0.2 J**	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C

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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Feb-13 08:37

MW1-PP
T301121-02 (Water)
15-Jan-13 12:35

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
m/p-Xylene	0.4 U	0.5	0.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Methylene Chloride	**0.2 UJ**	1.0	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Styrene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Tetrachloroethene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Toluene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
total 1,2-Dichloroethene	0.5 U	0.5	0.5	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
trans-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Trichloroethene	0.07 U	0.2	0.07	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Vinyl Chloride	0.1 U	0.2	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*95.9 %*	*26-175*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*97.4 %*	*86-126*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*95.3 %*	*81-130*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: Toluene-d8		*97.3 %*	*82-127*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*

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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Feb-13 08:37

MW2-PP
T301121-03 (Water)
15-Jan-13 12:20

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**15.0**	0.00		Feet	15-Jan-13	15-Jan-13	Field Measurement
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.3 U	0.5	0.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1-Dichloroethene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichlorobenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,3-Dichlorobenzene	0.09 U	0.5	0.09	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,4-Dichlorobenzene	**0.6**	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acetone	**3.4 J**	5.0	1.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acrylonitrile	0.5 U	5.0	0.5	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Benzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromomethane	**0.2 UJ**	1.0	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloroform	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloromethane	**0.2 UJ**	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
cis-1,2-Dichloroethene	**3.1**	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C

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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Feb-13 08:37

MW2-PP

T301121-03 (Water)

15-Jan-13 12:20

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
m/p-Xylene	0.4 U	0.5	0.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Methylene Chloride	0.1 U	1.0	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Styrene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Tetrachloroethene	**0.5**	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Toluene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
total 1,2-Dichloroethene	**3.1**	0.5	0.5	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
trans-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Trichloroethene	**0.8**	0.2	0.07	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Vinyl Chloride	**1.4**	0.2	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*91.0 %*	*26-175*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*98.0 %*	*86-126*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*88.5 %*	*81-130*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: Toluene-d8		*97.0 %*	*82-127*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*

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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Feb-13 08:37

MW13-(51.5)
T301121-04 (Water)
15-Jan-13 14:34

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**38.5**	0.00		Feet	15-Jan-13	15-Jan-13	Field Measurement
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.3 U	0.5	0.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1-Dichloroethene	**1.3**	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichlorobenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,3-Dichlorobenzene	0.09 U	0.5	0.09	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acetone	**3.3 J**	5.0	1.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acrylonitrile	0.5 U	5.0	0.5	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Benzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromomethane	**0.2 UJ**	1.0	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloroform	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloromethane	**0.1 UJ**	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
cis-1,2-Dichloroethene	**110**	5.0	1.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C

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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Feb-13 08:37

MW13-(51.5)
T301121-04 (Water)
15-Jan-13 14:34

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
m/p-Xylene	0.4 U	0.5	0.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Methylene Chloride	0.1 U	1.0	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Styrene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Tetrachloroethene	**550**	12	4.6	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Toluene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
total 1,2-Dichloroethene	**120**	0.5	0.5	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
trans-1,2-Dichloroethene	**0.5**	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Trichloroethene	**120**	2.0	0.7	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Vinyl Chloride	**0.8**	0.2	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*26-175*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*99.9 %*	*86-126*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*95.3 %*	*81-130*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: Toluene-d8		*96.2 %*	*82-127*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*

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.

Reviewed By

PW Science and Engineering 326 East D Street Tacoma WA, 98421	Project: **Sauro Property RIFS** Project Number: CIP-00020-01-03 Project Manager: Calvin Taylor	**Reported:** 08-Feb-13 08:37

LAI-MW1-(63)
T301121-05 (Water)
15-Jan-13 14:18

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**44.5**	0.00		Feet	15-Jan-13	14-Jan-13	Field Measurement
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.3 U	0.5	0.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1-Dichloroethene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichlorobenzene	**0.6 J**	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,3-Dichlorobenzene	0.09 U	0.5	0.09	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,4-Dichlorobenzene	**0.8**	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acetone	**4.0 J**	5.0	1.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acrylonitrile	0.5 U	5.0	0.5	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Benzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromomethane	**0.7 UJ**	1.0	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Carbon Disulfide	**0.2 J**	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloroform	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloromethane	**0.2 UJ**	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
cis-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Feb-13 08:37

LAI-MW1-(63)
T301121-05 (Water)
15-Jan-13 14:18

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
m/p-Xylene	0.4 U	0.5	0.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Methylene Chloride	0.1 U	1.0	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Styrene	**0.4 J**	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Tetrachloroethene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Toluene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
total 1,2-Dichloroethene	0.5 U	0.5	0.5	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
trans-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Trichloroethene	0.07 U	0.2	0.07	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Vinyl Chloride	0.1 U	0.2	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*93.8 %*	*26-175*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*99.1 %*	*86-126*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*92.9 %*	*81-130*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: Toluene-d8		*96.5 %*	*82-127*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*

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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Feb-13 08:37

LAI-MW2-(65)
T301121-06 (Water)
15-Jan-13 12:55

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**43.5**	0.00		Feet	15-Jan-13	15-Jan-13	Field Measurement
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.3 U	0.5	0.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1-Dichloroethene	**1.4**	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichlorobenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,3-Dichlorobenzene	0.09 U	0.5	0.09	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acetone	**4.0 J**	5.0	1.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acrylonitrile	0.5 U	5.0	0.5	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Benzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromomethane	**0.2 UJ**	1.0	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloroform	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloromethane	**0.2 UJ**	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
cis-1,2-Dichloroethene	**140**	5.0	1.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C

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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Feb-13 08:37

LAI-MW2-(65)
T301121-06 (Water)
15-Jan-13 12:55

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
m/p-Xylene	0.4 U	0.5	0.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Methylene Chloride	0.1 U	1.0	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Styrene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Tetrachloroethene	**390**	5.0	1.8	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Toluene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
total 1,2-Dichloroethene	**140**	0.5	0.5	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
trans-1,2-Dichloroethene	**0.8**	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Trichloroethene	**130**	2.0	0.7	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Vinyl Chloride	**0.8**	0.2	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*26-175*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*102 %*	*86-126*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*92.8 %*	*81-130*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: Toluene-d8		*96.5 %*	*82-127*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*

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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Feb-13 08:37

LAI-MW3-(75)
T301121-07 (Water)
15-Jan-13 13:15

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**50.5**	0.00		Feet	15-Jan-13	15-Jan-13	Field Measurement
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.3 U	0.5	0.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1-Dichloroethene	**0.5**	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichlorobenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,3-Dichlorobenzene	0.09 U	0.5	0.09	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acetone	**4.6 J**	5.0	1.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acrylonitrile	0.5 U	5.0	0.5	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Benzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromomethane	**0.2 UJ**	1.0	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloroform	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloromethane	**0.2 UJ**	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
cis-1,2-Dichloroethene	**48**	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C

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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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Feb-13 08:37

LAI-MW3-(75)
T301121-07 (Water)
15-Jan-13 13:15

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
m/p-Xylene	0.4 U	0.5	0.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Methylene Chloride	0.1 U	1.0	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Styrene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Tetrachloroethene	**120**	5.0	1.8	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Toluene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
total 1,2-Dichloroethene	**48**	0.5	0.5	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
trans-1,2-Dichloroethene	**0.2 J**	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Trichloroethene	**37**	0.2	0.07	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Vinyl Chloride	**0.1 J**	0.2	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*98.1 %*	*26-175*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*94.3 %*	*86-126*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*92.4 %*	*81-130*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: Toluene-d8		*96.7 %*	*82-127*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*

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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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Feb-13 08:37

LAI-MW4-(25)
T301121-08 (Water)
15-Jan-13 14:07

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**11.7**	0.00		Feet	15-Jan-13	15-Jan-13	Field Measurement
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.3 U	0.5	0.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1-Dichloroethene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichlorobenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,3-Dichlorobenzene	**0.5 J**	0.5	0.09	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acetone	**9.1**	5.0	1.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acrolein	**1.5 J**	5.0	1.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acrylonitrile	0.5 U	5.0	0.5	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Benzene	**0.3 J**	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromomethane	**0.4 UJ**	1.0	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloroform	**0.3 J**	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloromethane	**0.2 UJ**	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
cis-1,2-Dichloroethene	**0.3 J**	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C

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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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Feb-13 08:37

LAI-MW4-(25)
T301121-08 (Water)
15-Jan-13 14:07

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
m/p-Xylene	**0.8**	0.5	0.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Methylene Chloride	0.1 U	1.0	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Styrene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Tetrachloroethene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Toluene	**0.2 J**	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
total 1,2-Dichloroethene	0.5 U	0.5	0.5	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
trans-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Trichloroethene	0.07 U	0.2	0.07	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Vinyl Chloride	0.1 U	0.2	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*93.2 %*	*26-175*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*102 %*	*86-126*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*92.3 %*	*81-130*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: Toluene-d8		*100 %*	*82-127*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*

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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Feb-13 08:37

LAI-MW5-(42)
T301121-09 (Water)
15-Jan-13 11:40

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**23.6**	0.00		Feet	15-Jan-13	15-Jan-13	Field Measurement
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.3 U	0.5	0.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1-Dichloroethene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichlorobenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,3-Dichlorobenzene	0.09 U	0.5	0.09	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acetone	**5.2**	5.0	1.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acrylonitrile	0.5 U	5.0	0.5	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Benzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromomethane	**0.4 UJ**	1.0	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloroform	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloromethane	**0.2 UJ**	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
cis-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C

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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Feb-13 08:37

LAI-MW5-(42)
T301121-09 (Water)
15-Jan-13 11:40

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
m/p-Xylene	0.4 U	0.5	0.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Methylene Chloride	0.1 U	1.0	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Styrene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Tetrachloroethene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Toluene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
total 1,2-Dichloroethene	0.5 U	0.5	0.5	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
trans-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Trichloroethene	0.07 U	0.2	0.07	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Vinyl Chloride	0.1 U	0.2	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*26-175*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*98.5 %*	*86-126*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*97.8 %*	*81-130*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: Toluene-d8		*98.9 %*	*82-127*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*

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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Feb-13 08:37

LAI-MW5-(50)
T301121-10 (Water)
15-Jan-13 11:45

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**23.6**	0.00		Feet	15-Jan-13	15-Jan-13	Field Measurement
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.3 U	0.5	0.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1-Dichloroethene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichlorobenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,3-Dichlorobenzene	0.09 U	0.5	0.09	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acetone	**4.2 J**	5.0	1.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acrylonitrile	0.5 U	5.0	0.5	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Benzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromomethane	**0.4 UJ**	1.0	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloroform	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloromethane	**0.4 UJ**	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
cis-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C

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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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: ClP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Feb-13 08:37

LAI-MW5-(50)
T301121-10 (Water)
15-Jan-13 11:45

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
m/p-Xylene	0.4 U	0.5	0.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Methylene Chloride	0.1 U	1.0	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Styrene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Tetrachloroethene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Toluene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
total 1,2-Dichloroethene	0.5 U	0.5	0.5	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
trans-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Trichloroethene	0.07 U	0.2	0.07	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Vinyl Chloride	0.1 U	0.2	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*26-175*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*98.9 %*	*86-126*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*95.2 %*	*81-130*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: Toluene-d8		*99.0 %*	*82-127*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*

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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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Feb-13 08:37

RNS-MW2-(21.5)
T301121-11 (Water)
15-Jan-13 12:03

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**16.0**	0.00		Feet	15-Jan-13	15-Jan-13	Field Measurement
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.3 U	0.5	0.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1-Dichloroethene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichlorobenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,3-Dichlorobenzene	0.09 U	0.5	0.09	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acetone	**4.4 J**	5.0	1.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acrylonitrile	0.5 U	5.0	0.5	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Benzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromomethane	**0.3 UJ**	1.0	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloroform	**0.5**	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloromethane	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
cis-1,2-Dichloroethene	**0.4 J**	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C

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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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Feb-13 08:37

RNS-MW2-(21.5)
T301121-11 (Water)
15-Jan-13 12:03

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
m/p-Xylene	0.4 U	0.5	0.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Methylene Chloride	0.1 U	1.0	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Styrene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Tetrachloroethene	**17**	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Toluene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
total 1,2-Dichloroethene	0.5 U	0.5	0.5	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
trans-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Trichloroethene	**0.9**	0.2	0.07	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Vinyl Chloride	0.1 U	0.2	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*95.0 %*	*26-175*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*100 %*	*86-126*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*97.4 %*	*81-130*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: Toluene-d8		*97.7 %*	*82-127*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*

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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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Feb-13 08:37

RNS-MW2-(38.5)
T301121-12 (Water)
15-Jan-13 12:08

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**16.0**	0.00		Feet	15-Jan-13	15-Jan-13	Field Measurement
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.3 U	0.5	0.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1-Dichloroethene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichlorobenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,3-Dichlorobenzene	0.09 U	0.5	0.09	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acetone	**5.0**	5.0	1.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acrylonitrile	0.5 U	5.0	0.5	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Benzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromomethane	**0.3 UJ**	1.0	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloroform	**0.5**	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloromethane	**0.2 UJ**	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
cis-1,2-Dichloroethene	**0.3 J**	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C

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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Feb-13 08:37

RNS-MW2-(38.5)
T301121-12 (Water)
15-Jan-13 12:08

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
m/p-Xylene	0.4 U	0.5	0.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Methylene Chloride	0.1 U	1.0	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Styrene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Tetrachloroethene	**16**	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Toluene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
total 1,2-Dichloroethene	0.5 U	0.5	0.5	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
trans-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Trichloroethene	**0.9**	0.2	0.07	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Vinyl Chloride	0.1 U	0.2	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*26-175*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*95.2 %*	*86-126*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*99.2 %*	*81-130*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: Toluene-d8		*99.0 %*	*82-127*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Feb-13 08:37

RNS-MW6-(42.5)
T301121-13 (Water)
15-Jan-13 14:42

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**35.4**	0.00		Feet	15-Jan-13	15-Jan-13	Field Measurement
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.3 U	0.5	0.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1-Dichloroethene	**0.6**	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichlorobenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,3-Dichlorobenzene	0.09 U	0.5	0.09	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acetone	**4.1 J**	5.0	1.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acrylonitrile	0.5 U	5.0	0.5	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Benzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromomethane	**0.2 UJ**	1.0	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloroform	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloromethane	**0.2 UJ**	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
cis-1,2-Dichloroethene	**79**	5.0	1.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C

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PW Science and Engineering	Project: Sauro Property RIFS	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Feb-13 08:37

RNS-MW6-(42.5)
T301121-13 (Water)
15-Jan-13 14:42

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
m/p-Xylene	0.4 U	0.5	0.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Methylene Chloride	0.1 U	1.0	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Styrene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Tetrachloroethene	**1300**	12	4.6	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Toluene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
total 1,2-Dichloroethene	**88**	0.5	0.5	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
trans-1,2-Dichloroethene	**0.3 J**	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Trichloroethene	**210**	2.0	0.7	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Vinyl Chloride	0.1 U	0.2	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*26-175*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*100 %*	*86-126*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*98.5 %*	*81-130*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: Toluene-d8		*95.5 %*	*82-127*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*

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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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Feb-13 08:37

RNS-MW6-(52.5)
T301121-14 (Water)
15-Jan-13 14:45

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**35.4**	0.00		Feet	15-Jan-13	15-Jan-13	Field Measurement
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.3 U	0.5	0.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1-Dichloroethene	**1.3**	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichlorobenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,3-Dichlorobenzene	0.09 U	0.5	0.09	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acetone	**3.5 J**	5.0	1.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acrylonitrile	0.5 U	5.0	0.5	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Benzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromomethane	**0.2 UJ**	1.0	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloroform	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloromethane	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
cis-1,2-Dichloroethene	**110**	5.0	1.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Feb-13 08:37

RNS-MW6-(52.5)
T301121-14 (Water)
15-Jan-13 14:45

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
m/p-Xylene	0.4 U	0.5	0.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Methylene Chloride	0.1 U	1.0	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Styrene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Tetrachloroethene	**1200**	25	9.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Toluene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
total 1,2-Dichloroethene	**110**	0.5	0.5	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
trans-1,2-Dichloroethene	**0.4 J**	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Trichloroethene	**160**	2.0	0.7	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Vinyl Chloride	**0.2**	0.2	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*26-175*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*100 %*	*86-126*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*94.7 %*	*81-130*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: Toluene-d8		*95.2 %*	*82-127*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*

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.

Reviewed By

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Feb-13 08:37

LAI-MW5-(42) DUP

T301121-15 (Water)

15-Jan-13 11:42

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.3 U	0.5	0.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,1-Dichloroethene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichlorobenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,3-Dichlorobenzene	0.09 U	0.5	0.09	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acetone	**4.5 J**	5.0	1.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Acrylonitrile	0.5 U	5.0	0.5	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Benzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Bromomethane	**0.2 UJ**	1.0	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloroform	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Chloromethane	**0.1 UJ**	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
cis-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
m/p-Xylene	0.4 U	0.5	0.4	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Methylene Chloride	0.1 U	1.0	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Feb-13 08:37

LAI-MW5-(42) DUP
T301121-15 (Water)
15-Jan-13 11:42

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
Styrene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Tetrachloroethene	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Toluene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
total 1,2-Dichloroethene	0.5 U	0.5	0.5	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
trans-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Trichloroethene	0.07 U	0.2	0.07	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Vinyl Chloride	0.1 U	0.2	0.1	ug/L	25-Jan-13	25-Jan-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*99.5 %*	*26-175*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*98.5 %*	*86-126*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*97.8 %*	*81-130*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*
Surrogate: Toluene-d8		*99.5 %*	*82-127*		*25-Jan-13*	*25-Jan-13*	*EPA 8260C*

VOA - Quality Control

Environmental Services Laboratory

Sample ID Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1304040 - Volatile Organics No-Prep										
Blank (1304040-BLK1)				Prepared & Analyzed: 25-Jan-13						
1,1,1-Trichloroethane	0.2 U	0.2	ug/L							
1,1,2,2-Tetrachloroethane	0.2 U	0.2	ug/L							
1,1,2-Trichloroethane	0.3 U	0.3	ug/L							
1,1,2-Trichlorotrifluoroethane	0.3 U	0.3	ug/L							
1,1-Dichloroethane	0.1 U	0.1	ug/L							
1,1-Dichloroethene	0.1 U	0.1	ug/L							
1,2-Dibromoethane	0.2 U	0.2	ug/L							
1,2-Dichlorobenzene	**0.5 J**	**0.2**	**ug/L**							
1,2-Dichloroethane	0.1 U	0.1	ug/L							
Surrogate: 1,2-Dichloroethane-d4	*19*		ug/L	*20.0*		*95.2*	*26-175*			
1,2-Dichloropropane	0.2 U	0.2	ug/L							
1,3-Dichlorobenzene	**0.5 J**	**0.09**	**ug/L**							
1,4-Dichlorobenzene	0.1 U	0.1	ug/L							
2-Butanone	1.4 U	1.4	ug/L							
2-Hexanone	2.4 U	2.4	ug/L							
Surrogate: 4-Bromofluorobenzene	*20*		ug/L	*20.0*		*101*	*86-126*			
4-Methyl-2-pentanone	1.8 U	1.8	ug/L							
Acetone	1.3 U	1.3	ug/L							
Acrolein	1.3 U	1.3	ug/L							
Acrylonitrile	0.5 U	0.5	ug/L							
Benzene	0.2 U	0.2	ug/L							
Bromodichloromethane	0.2 U	0.2	ug/L							
Bromoform	0.1 U	0.1	ug/L							
Bromomethane	**0.4 J**	**0.2**	**ug/L**							
Carbon Disulfide	0.1 U	0.1	ug/L							
Carbon Tetrachloride	0.2 U	0.2	ug/L							
Chlorobenzene	0.2 U	0.2	ug/L							
Chloroethane	0.07 U	0.07	ug/L							
Chloroform	0.2 U	0.2	ug/L							
Chloromethane	**0.1 J**	**0.1**	**ug/L**							
cis-1,2-Dichloroethene	0.1 U	0.1	ug/L							
cis-1,3-Dichloropropene	0.2 U	0.2	ug/L							

VOA - Quality Control

Environmental Services Laboratory

Sample ID Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1304040 - Volatile Organics No-Prep										
Blank (1304040-BLK1)				Prepared & Analyzed: 25-Jan-13						
Dibromochloromethane	0.2 U	0.2	ug/L							
Surrogate: Dibromofluoromethane	*19*		ug/L	*20.0*		*96.5*	*81-130*			
Ethylbenzene	0.2 U	0.2	ug/L							
m/p-Xylene	0.4 U	0.4	ug/L							
Methyl tert-butyl ether	0.2 U	0.2	ug/L							
Methylene Chloride	**0.1 J**	**0.1**	**ug/L**							
o-Xylene	0.2 U	0.2	ug/L							
Styrene	0.2 U	0.2	ug/L							
Tetrachloroethene	0.2 U	0.2	ug/L							
Toluene	0.1 U	0.1	ug/L							
Surrogate: Toluene-d8	*20*		ug/L	*20.0*		*98.2*	*82-127*			
total 1,2-Dichloroethene	0.5 U	0.5	ug/L							
trans-1,2-Dichloroethene	0.1 U	0.1	ug/L							
trans-1,3-Dichloropropene	0.1 U	0.1	ug/L							
Trichloroethene	0.07 U	0.07	ug/L							
Trichlorofluoromethane	0.2 U	0.2	ug/L							
Vinyl Acetate	0.2 U	0.2	ug/L							
Vinyl Chloride	0.1 U	0.1	ug/L							
LCS (1304040-BS1)				Prepared & Analyzed: 25-Jan-13						
1,1,1-Trichloroethane	**20**	**0.2**	**ug/L**	**20.0**		**101**	**82-121**			
1,1,2,2-Tetrachloroethane	**20**	**0.2**	**ug/L**	**20.0**		**100**	**77-137**			
1,1,2-Trichloroethane	**21**	**0.3**	**ug/L**	**20.0**		**105**	**88-125**			
1,1,2-Trichlorotrifluoroethane	**22**	**0.3**	**ug/L**	**20.0**		**111**	**80-120**			
1,1-Dichloroethane	**21**	**0.1**	**ug/L**	**20.0**		**106**	**86-124**			
1,1-Dichloroethene	**20**	**0.1**	**ug/L**	**20.0**		**99.9**	**87-114**			
1,2-Dibromoethane	**22**	**0.2**	**ug/L**	**20.0**		**108**	**80-120**			
1,2-Dichlorobenzene	**19**	**0.2**	**ug/L**	**20.0**		**96.8**	**79-140**			
1,2-Dichloroethane	**22**	**0.1**	**ug/L**	**20.0**		**110**	**85-130**			
Surrogate: 1,2-Dichloroethane-d4	*20*		ug/L	*20.0*		*98.3*	*26-175*			
1,2-Dichloropropane	**22**	**0.2**	**ug/L**	**20.0**		**112**	**88-131**			
1,3-Dichlorobenzene	**19**	**0.09**	**ug/L**	**20.0**		**96.0**	**82-133**			
1,4-Dichlorobenzene	**19**	**0.1**	**ug/L**	**20.0**		**95.9**	**62-138**			

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Feb-13 08:37

VOA - Quality Control

Environmental Services Laboratory

Sample ID Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1304040 - Volatile Organics No-Prep										
LCS (1304040-BS1)				Prepared & Analyzed: 25-Jan-13						
2-Butanone	**200**	**1.4**	**ug/L**	**200**		**97.6**	**73-130**			
2-Hexanone	**210**	**2.4**	**ug/L**	**200**		**106**	**70-138**			
Surrogate: 4-Bromofluorobenzene	*19*		ug/L	*20.0*		*95.4*	*86-126*			
4-Methyl-2-pentanone	**220**	**1.8**	**ug/L**	**200**		**111**	**66-134**			
Acetone	**200**	**1.3**	**ug/L**	**200**		**100**	**79-126**			
Acrolein	**220**	**1.3**	**ug/L**	**200**		**111**	**66-141**			
Acrylonitrile	**230**	**0.5**	**ug/L**	**200**		**113**	**86-124**			
Benzene	**21**	**0.2**	**ug/L**	**20.0**		**104**	**87-122**			
Bromodichloromethane	**21**	**0.2**	**ug/L**	**20.0**		**107**	**84-130**			
Bromoform	**21**	**0.1**	**ug/L**	**20.0**		**104**	**76-134**			
Bromomethane	**18**	**0.2**	**ug/L**	**20.0**		**90.8**	**64-147**			
Carbon Disulfide	**20**	**0.1**	**ug/L**	**20.0**		**97.8**	**71-139**			
Carbon Tetrachloride	**20**	**0.2**	**ug/L**	**20.0**		**102**	**80-120**			
Chlorobenzene	**20**	**0.2**	**ug/L**	**20.0**		**101**	**87-124**			
Chloroethane	**21**	**0.07**	**ug/L**	**20.0**		**105**	**61-140**			
Chloroform	**21**	**0.2**	**ug/L**	**20.0**		**106**	**88-121**			
Chloromethane	**23**	**0.1**	**ug/L**	**20.0**		**114**	**69-126**			
cis-1,2-Dichloroethene	**20**	**0.1**	**ug/L**	**20.0**		**101**	**96-116**			
cis-1,3-Dichloropropene	**19**	**0.2**	**ug/L**	**20.0**		**96.6**	**80-129**			
Dibromochloromethane	**21**	**0.2**	**ug/L**	**20.0**		**107**	**81-130**			
Surrogate: Dibromofluoromethane	*20*		ug/L	*20.0*		*99.4*	*81-130*			
Ethylbenzene	**21**	**0.2**	**ug/L**	**20.0**		**107**	**85-134**			
m/p-Xylene	**40**	**0.4**	**ug/L**	**40.0**		**100**	**93-120**			
Methyl tert-butyl ether	**21**	**0.2**	**ug/L**	**20.0**		**104**	**50-150**			
Methylene Chloride	**20**	**0.1**	**ug/L**	**20.0**		**99.6**	**79-119**			
o-Xylene	**20**	**0.2**	**ug/L**	**20.0**		**102**	**80-120**			
Styrene	**19**	**0.2**	**ug/L**	**20.0**		**96.4**	**78-129**			
Tetrachloroethene	**22**	**0.2**	**ug/L**	**20.0**		**112**	**81-126**			
Toluene	**21**	**0.1**	**ug/L**	**20.0**		**105**	**87-127**			
Surrogate: Toluene-d8	*20*		ug/L	*20.0*		*101*	*82-127*			
trans-1,2-Dichloroethene	**20**	**0.1**	**ug/L**	**20.0**		**99.5**	**85-120**			
trans-1,3-Dichloropropene	**20**	**0.1**	**ug/L**	**20.0**		**99.1**	**82-130**			
Trichloroethene	**21**	**0.07**	**ug/L**	**20.0**		**106**	**84-123**			

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.

Reviewed By

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Feb-13 08:37

VOA - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1304040 - Volatile Organics No-Prep										
LCS (1304040-BS1)				Prepared & Analyzed: 25-Jan-13						
Trichlorofluoromethane	21	0.2	ug/L	20.0		104	80-120			
Vinyl Acetate	16	0.2	ug/L	20.0		79.7	63-133			
Vinyl Chloride	22	0.1	ug/L	20.0		111	69-126			
Matrix Spike (1304040-MS1)		Source: T301121-11		Prepared & Analyzed: 25-Jan-13						
1,1,1-Trichloroethane	16	0.2	ug/L	20.0	ND	77.5	82-121			
1,1,2,2-Tetrachloroethane	16	0.2	ug/L	20.0	ND	81.8	77-137			
1,1,2-Trichloroethane	19	0.3	ug/L	20.0	ND	93.5	88-125			
1,1,2-Trichlorotrifluoroethane	17	0.3	ug/L	20.0	ND	85.5	80-120			
1,1-Dichloroethane	17	0.1	ug/L	20.0	ND	82.5	86-124			
1,1-Dichloroethene	15	0.1	ug/L	20.0	ND	76.2	87-114			
1,2-Dibromoethane	16	0.2	ug/L	20.0	ND	80.6	80-120			
1,2-Dichlorobenzene	16	0.2	ug/L	20.0	ND	80.0	79-140			
1,2-Dichloroethane	17	0.1	ug/L	20.0	ND	86.3	85-130			
Surrogate: 1,2-Dichloroethane-d4	*21*		ug/L	*20.0*		*104*	*26-175*			
1,2-Dichloropropane	17	0.2	ug/L	20.0	ND	86.9	88-131			
1,3-Dichlorobenzene	16	0.09	ug/L	20.0	ND	79.5	82-133			
1,4-Dichlorobenzene	16	0.1	ug/L	20.0	ND	78.8	62-138			
2-Butanone	150	1.4	ug/L	200	ND	74.9	73-130			
2-Hexanone	170	2.4	ug/L	200	ND	84.2	70-138			
Surrogate: 4-Bromofluorobenzene	*20*		ug/L	*20.0*		*99.3*	*86-126*			
4-Methyl-2-pentanone	170	1.8	ug/L	200	ND	83.0	66-134			
Acetone	150	1.3	ug/L	200	4.4	70.8	79-126			
Acrolein	180	1.3	ug/L	200	ND	91.3	66-141			
Acrylonitrile	190	0.5	ug/L	200	ND	93.2	86-124			
Benzene	16	0.2	ug/L	20.0	ND	80.8	87-122			
Bromodichloromethane	17	0.2	ug/L	20.0	ND	83.7	84-130			
Bromoform	16	0.1	ug/L	20.0	ND	78.2	76-134			
Bromomethane	13	0.2	ug/L	20.0	0.3	61.2	64-147			
Carbon Disulfide	16	0.1	ug/L	20.0	ND	78.7	71-139			
Carbon Tetrachloride	15	0.2	ug/L	20.0	ND	74.1	80-120			
Chlorobenzene	17	0.2	ug/L	20.0	ND	83.9	87-124			
Chloroethane	18	0.07	ug/L	20.0	ND	87.8	61-140			

VOA - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1304040 - Volatile Organics No-Prep										
Matrix Spike (1304040-MS1)	**Source: T301121-11**			Prepared & Analyzed: 25-Jan-13						
Chloroform	17	0.2	ug/L	20.0	0.5	82.7	88-121			
Chloromethane	17	0.1	ug/L	20.0	ND	85.5	69-126			
cis-1,2-Dichloroethene	16	0.1	ug/L	20.0	0.4	78.1	96-116			
cis-1,3-Dichloropropene	15	0.2	ug/L	20.0	ND	76.2	80-129			
Dibromochloromethane	16	0.2	ug/L	20.0	ND	81.7	81-130			
Surrogate: Dibromofluoromethane	*20*		ug/L	*20.0*		*97.7*	*81-130*			
Ethylbenzene	18	0.2	ug/L	20.0	ND	88.6	85-134			
m/p-Xylene	34	0.4	ug/L	40.0	ND	84.6	93-120			
Methyl tert-butyl ether	15	0.2	ug/L	20.0	ND	77.2	50-150			
Methylene Chloride	15	0.1	ug/L	20.0	ND	76.4	79-119			
o-Xylene	17	0.2	ug/L	20.0	ND	83.5	80-120			
Styrene	16	0.2	ug/L	20.0	ND	77.9	78-129			
Tetrachloroethene	35	0.2	ug/L	20.0	17	86.9	81-126			
Toluene	16	0.1	ug/L	20.0	ND	82.3	87-127			
Surrogate: Toluene-d8	*20*		ug/L	*20.0*		*101*	*82-127*			
trans-1,2-Dichloroethene	16	0.1	ug/L	20.0	ND	77.6	85-120			
trans-1,3-Dichloropropene	15	0.1	ug/L	20.0	ND	75.5	82-130			
Trichloroethene	17	0.07	ug/L	20.0	0.9	80.3	84-123			
Trichlorofluoromethane	15	0.2	ug/L	20.0	ND	73.5	80-120			
Vinyl Acetate	13	0.2	ug/L	20.0	ND	65.4	63-133			
Vinyl Chloride	16	0.1	ug/L	20.0	ND	78.3	68-127			
Matrix Spike Dup (1304040-MSD1)	**Source: T301121-11**			Prepared & Analyzed: 25-Jan-13						
1,1,1-Trichloroethane	22	0.2	ug/L	20.0	ND	111	82-121	35.2	20	
1,1,2,2-Tetrachloroethane	21	0.2	ug/L	20.0	ND	105	77-137	24.9	20	
1,1,2-Trichloroethane	22	0.3	ug/L	20.0	ND	109	88-125	15.2	20	
1,1,2-Trichlorotrifluoroethane	23	0.3	ug/L	20.0	ND	115	80-120	29.2	20	
1,1-Dichloroethane	22	0.1	ug/L	20.0	ND	111	86-124	29.6	20	
1,1-Dichloroethene	21	0.1	ug/L	20.0	ND	103	87-114	29.9	20	
1,2-Dibromoethane	23	0.2	ug/L	20.0	ND	115	80-120	35.5	20	
1,2-Dichlorobenzene	20	0.2	ug/L	20.0	ND	100	79-140	22.5	20	
1,2-Dichloroethane	22	0.1	ug/L	20.0	ND	112	85-130	25.5	20	
Surrogate: 1,2-Dichloroethane-d4	*20*		ug/L	*20.0*		*101*	*26-175*			

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Feb-13 08:37

VOA - Quality Control

Environmental Services Laboratory

Sample ID Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1304040 - Volatile Organics No-Prep										
Matrix Spike Dup (1304040-MSD1)	**Source: T301121-11**			Prepared & Analyzed: 25-Jan-13						
1,2-Dichloropropane	**23**	**0.2**	**ug/L**	**20.0**	**ND**	**115**	**88-131**	**27.6**	**20**	
1,3-Dichlorobenzene	**20**	**0.09**	**ug/L**	**20.0**	**ND**	**98.1**	**82-133**	**20.9**	**20**	
1,4-Dichlorobenzene	**20**	**0.1**	**ug/L**	**20.0**	**ND**	**99.4**	**62-138**	**23.1**	**20**	
2-Butanone	**200**	**1.4**	**ug/L**	**200**	**ND**	**102**	**73-130**	**30.4**	**20**	
2-Hexanone	**220**	**2.4**	**ug/L**	**200**	**ND**	**111**	**70-138**	**27.8**	**20**	
Surrogate: 4-Bromofluorobenzene	*19*		ug/L	*20.0*		*93.8*	*86-126*			
4-Methyl-2-pentanone	**230**	**1.8**	**ug/L**	**200**	**ND**	**113**	**66-134**	**30.5**	**20**	
Acetone	**210**	**1.3**	**ug/L**	**200**	**4.4**	**102**	**79-126**	**35.2**	**20**	
Acrolein	**230**	**1.3**	**ug/L**	**200**	**ND**	**117**	**66-141**	**24.6**	**20**	
Acrylonitrile	**230**	**0.5**	**ug/L**	**200**	**ND**	**117**	**86-124**	**22.9**	**20**	
Benzene	**21**	**0.2**	**ug/L**	**20.0**	**ND**	**106**	**87-122**	**27.1**	**20**	
Bromodichloromethane	**22**	**0.2**	**ug/L**	**20.0**	**ND**	**108**	**84-130**	**25.3**	**20**	
Bromoform	**20**	**0.1**	**ug/L**	**20.0**	**ND**	**101**	**76-134**	**25.7**	**20**	
Bromomethane	**19**	**0.2**	**ug/L**	**20.0**	**0.3**	**94.0**	**64-147**	**41.4**	**20**	
Carbon Disulfide	**21**	**0.1**	**ug/L**	**20.0**	**ND**	**103**	**71-139**	**26.5**	**20**	
Carbon Tetrachloride	**22**	**0.2**	**ug/L**	**20.0**	**ND**	**109**	**80-120**	**37.8**	**20**	
Chlorobenzene	**22**	**0.2**	**ug/L**	**20.0**	**ND**	**108**	**87-124**	**25.4**	**20**	
Chloroethane	**22**	**0.07**	**ug/L**	**20.0**	**ND**	**110**	**61-140**	**22.5**	**20**	
Chloroform	**23**	**0.2**	**ug/L**	**20.0**	**0.5**	**111**	**88-121**	**28.9**	**20**	
Chloromethane	**24**	**0.1**	**ug/L**	**20.0**	**ND**	**120**	**69-126**	**33.8**	**20**	
cis-1,2-Dichloroethene	**21**	**0.1**	**ug/L**	**20.0**	**0.4**	**105**	**96-116**	**28.9**	**20**	
cis-1,3-Dichloropropene	**20**	**0.2**	**ug/L**	**20.0**	**ND**	**101**	**80-129**	**28.0**	**20**	
Dibromochloromethane	**22**	**0.2**	**ug/L**	**20.0**	**ND**	**109**	**81-130**	**29.1**	**20**	
Surrogate: Dibromofluoromethane	*19*		ug/L	*20.0*		*96.8*	*81-130*			
Ethylbenzene	**23**	**0.2**	**ug/L**	**20.0**	**ND**	**115**	**85-134**	**25.9**	**20**	
m/p-Xylene	**44**	**0.4**	**ug/L**	**40.0**	**ND**	**109**	**93-120**	**25.5**	**20**	
Methyl tert-butyl ether	**21**	**0.2**	**ug/L**	**20.0**	**ND**	**107**	**50-150**	**32.8**	**20**	
Methylene Chloride	**20**	**0.1**	**ug/L**	**20.0**	**ND**	**102**	**79-119**	**28.5**	**20**	
o-Xylene	**21**	**0.2**	**ug/L**	**20.0**	**ND**	**107**	**80-120**	**24.7**	**20**	
Styrene	**19**	**0.2**	**ug/L**	**20.0**	**ND**	**96.9**	**78-129**	**21.8**	**20**	
Tetrachloroethene	**37**	**0.2**	**ug/L**	**20.0**	**17**	**98.7**	**81-126**	**6.54**	**20**	
Toluene	**22**	**0.1**	**ug/L**	**20.0**	**ND**	**108**	**87-127**	**26.9**	**20**	
Surrogate: Toluene-d8	*20*		ug/L	*20.0*		*98.2*	*82-127*			

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.

Reviewed By

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Feb-13 08:37

VOA - Quality Control

Environmental Services Laboratory

Sample ID Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1304040 - Volatile Organics No-Prep										
Matrix Spike Dup (1304040-MSD1)	**Source: T301121-11**			Prepared & Analyzed: 25-Jan-13						
trans-1,2-Dichloroethene	**22**	**0.1**	**ug/L**	**20.0**	**ND**	**109**	**85-120**	**33.4**	**20**	
trans-1,3-Dichloropropene	**22**	**0.1**	**ug/L**	**20.0**	**ND**	**108**	**82-130**	**35.7**	**20**	
Trichloroethene	**22**	**0.07**	**ug/L**	**20.0**	**0.9**	**106**	**84-123**	**26.4**	**20**	
Trichlorofluoromethane	**22**	**0.2**	**ug/L**	**20.0**	**ND**	**111**	**80-120**	**40.5**	**20**	
Vinyl Acetate	**16**	**0.2**	**ug/L**	**20.0**	**ND**	**81.1**	**63-133**	**21.3**	**20**	
Vinyl Chloride	**23**	**0.1**	**ug/L**	**20.0**	**ND**	**114**	**68-127**	**37.2**	**20**	

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.

Reviewed By

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Feb-13 08:37

Notes and Definitions

UJ	Analyte not detected at or above the associated estimated value
J	The result is an estimated concentration.
U	Analyte Not Detected at or above the associated value
UJ	Analyte Not Detected at or above the associated estimated value
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

CHAIN OF CUSTODY

City of Tacoma Environmental Services
326 East D Street
Tacoma
WA, 98421-1801
phone (253) 502-2130
fax (253) 502-2170

COC Number

Lab Work Order Number T301121

Client Name: PW Science and Engineering	Project Name: Sauro Property RIFS
Client Contact: Calvin Taylor	Project Number: CIP-00020-01-03
Address: 326 East D Street	Project Description: Sauro Property Monitoring Wells
City: Tacoma	PO Number: 61000055543
State/Zip: WA, 98421	Sampler Signatures: Bill Essmeier, Chelsea Kettinger
Phone: (253) 593-7711 / Fax: (253) 502-2295	
Samplers: Bill Essmeier, Chelsea Kettinger	

Requested Analyses: Field Measurement; EPA 8260C; Sample #

Requested Turn Around: Rush requests subject to additional charge. Rush requests subject to lab approval. Standard (days): 21. Expedited (days): . Due Date: 2/6/2013 15:00

Sample Name or Field ID	Sampled Date	Sampled Time	Sample Type Code	Matrix Code	Container Count	Preservation Code 1									Sample #	Sample Comments
Trip Blank	1/15/13	1500	G	W	3	0	3								-01	
MW1-PP		1235	G	W	4	1	3								-02	
MW2-PP		1220	G	W	4	1	3								-03	
MW13-(51.5)		1434	G	W	4	1	2								-04	
LAI-MW1-(63)		1418	G	W	4	1	4			1 vial may be mislabled diff Hcl's					-05	
LAI-MW2-(65)		1255	G	W	4	1	3								-06	
LAI-MW3-(75)		1315	G	W	4	1	3								-07	
LAI-MW4-(25)		1407	G	W	4	1	3								-08	
LAI-MW5-(42)		1140	G	W	4	1	3								-09	
LAI-MW5-(50)		1145	G	W	4	1	3								-10	
RNS-MW2-(21.5)		1203	G	W	4	1	3								-11	
RNS-MW2-(38.5)	↓	1208	G	W	4	1	3								-12	

Relinquished By	Date/Time	Received By: Bill Essmeier 1/15/13 1530	Date/Time
Relinquished By	Date/Time	Received By	Date/Time
Relinquished By	Date/Time	Received By	Date/Time
Cooler Numbers and Temperatures			

Sample Kit Prepared By | Date/Time

Comments: the samples were delivered from the field to the refrigerator in VOA lab room 224

Matrix Codes: W=Water

Preserv. Codes: 1=Do Right Away, =HCl pH<2, Cool <6°C

Login Reviewed By: [signature]

Login Reviewed Date: 1/16/13

CHAIN OF CUSTODY

City of Tacoma Environmental Services
326 East D Street
Tacoma
WA, 98421-1801
phone (253) 502-2130
fax (253) 502-2170

COC Number

Lab Work Order Number T301121

Client Name	Project Name
PW Science and Engineering	Sauro Property RIFS
Client Contact	**Project Number**
Calvin Taylor	CIP-00020-01-03
Address	**Project Description**
326 East D Street	Sauro Property Monitoring Wells
City	**PO Number**
Tacoma	61000055543
State/Zip	**Sampler Signatures**
WA, 98421	Bill Essmeier, Chelsea Ketteyan
Phone / **Fax**	
(253) 593-7711 / (253) 502-2295	
Samplers	

Requested Analyses

Sample Name or Field ID	Sampled Date	Sampled Time	Sample Type Code	Matrix Code	Container Count	Preservation Code	Field Measurement	EPA 8260C							Sample #	Sample Comments
RNS-MW6-(42.5)	1/15/13	1442	G	W	4	1	1	3							-13	
RNS-MW6-(52.5)	↓	1445	G	W	4	1	1	3							-14	
LAI-MW5-(42) DUP	↓	1142	G	W	3	0	1	3							-15	

Requested Turn Around

Rush requests subject to additional charge.
Rush requests subject to lab approval.

Standard (days): 21

Expedited (days):

Due Date: 2/6/2013 15:00

Relinquished By	Date/Time	Received By	Date/Time	Sample Kit Prepared By	Date/Time
		Bill Essmeier 1/15/13	1530		
Relinquished By	Date/Time	Received By	Date/Time	Comments	
Relinquished By	Date/Time	Received By	Date/Time		
Cooler Numbers and Temperatures					

Matrix Codes: W=Water

Preserv. Codes: 1=Do Right Away, =HCl pH<2, Cool <6°C

Login Reviewed By: [signature]

Login Reviewed Date: 1/16/13

City of Tacoma
Environmental Services Laboratory

29 April 2013

Calvin Taylor
PW Science and Engineering
326 East D Street
Tacoma, WA 98421

Subject: Sauro Property RIFS

Enclosed are the analytical results for samples collected 04/02/2013.

Quality Control Data are included with the sample results for your review.

If you have any questions concerning this report, call me at (253)502-2130. Please note that remaining samples associated with this report will be discarded 3 months from the date of this report unless we are notified otherwise.

Sincerely,

Stuart Magoon
Assistant Division Manager
Environmental Services Laboratory

cc.

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	29-Apr-13 14:09

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled
Trip Blank	T304010-01	Water	02-Apr-13 10:00
MW1-PP	T304010-02	Water	02-Apr-13 11:45
MW2-PP	T304010-03	Water	02-Apr-13 12:00
MW13-(51.5)	T304010-04	Water	02-Apr-13 12:35
LAI-MW1-(63)	T304010-05	Water	02-Apr-13 13:05
LAI-MW2-(65)	T304010-06	Water	02-Apr-13 12:47
LAI-MW3-(75)	T304010-07	Water	02-Apr-13 13:00
LAI-MW4-(25)	T304010-08	Water	02-Apr-13 13:18
LAI-MW5-(42)	T304010-09	Water	02-Apr-13 12:13
LAI-MW5-(50)	T304010-10	Water	02-Apr-13 12:15
RNS-MW2-(21.5)	T304010-11	Water	02-Apr-13 12:05
RNS-MW2-(38.5)	T304010-12	Water	02-Apr-13 12:07
RNS-MW6-(42.5)	T304010-13	Water	02-Apr-13 12:22
RNS-MW6-(52.5)	T304010-14	Water	02-Apr-13 12:25
LAI-MW3 DUP	T304010-15	Water	02-Apr-13 13:01

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

Reviewed By

CHAIN OF CUSTODY

The samples were received under appropriate Chain of Custody procedures.

SAMPLE RECEIPT, PRESERVATION AND STORAGE

Samples were properly preserved and stored in accordance with the applicable method requirements.

HOLDING TIMES

All analyses were performed within the required holding times.

METHODS

The samples were analyzed by the following method:

EPA Method 8260B for Volatile Organics

INITIAL CALIBRATION

The initial calibration met method 8260 requirements for all compounds. **During analysis of sample T304010-13 an instrument issue developed that prevented the collection of data for the undiluted sample. There was no sample remaining so no further analysis was able to be performed. Due to this instrument problem the result for Tetrachloroethene at 59.1 ppb did not fall within the calibration range 0.2-40 ppb. The result for Tetrachloroethene in this sample is qualified (J) estimated.**

METHOD DETECTION LIMITS

All analytes are reported to the Method Detection Limit (MDL). Values below the Practical Quantitation Limits (PQL) are qualified as estimated (J) and may not be as precise as values reported greater than the PQL (the low standard or 3 - 5 times the MDL). **During analysis of sample T304010-13 an instrument issue developed that prevented the collection of data for the undiluted sample. There was no sample remaining so no further analysis was able to be performed. The following analytes did not meet the project limits for this one sample:**

Analyte	PQL	MinPRL
Chloromethane	**5**	**0.5**
Vinyl Chloride	**2**	**0.2**
Bromomethane	**5**	**0.5**
Chloroethane	**5**	**0.5**
Trichlorofluoromethane	**5**	**0.5**
Acrolein	**50**	**5**
1,1-Dichloroethene	**5**	**0.5**
1,1,2-Trichlorotrifluoroethane	**5**	**0.5**

Analyte	PQL	MinPRL
Carbon Disulfide	5	0.5
Methylene Chloride	5	0.5
Acrylonitrile	50	5
trans-1,2-Dichloroethene	5	0.5
1,1-Dichloroethane	5	0.5
Vinyl Acetate	5	0.5
2-Butanone	50	5
Chloroform	5	0.5
1,1,1-Trichloroethane	5	0.5
Carbon Tetrachloride	5	0.5
Benzene	5	0.5
1,2-Dichloroethane	5	0.5
1,2-Dichloropropane	5	0.5
Bromodichloromethane	5	0.5
cis-1,3-Dichloropropene	5	0.5
4-Methyl-2-pentanone	50	5
Toluene	5	0.5
trans-1,3-Dichloropropene	5	0.5
1,1,2-Trichloroethane	5	0.5
2-Hexanone	5	5
Dibromochloromethane	5	0.5
1,2-Dibromoethane	5	0.5
Chlorobenzene	5	0.5
Ethylbenzene	5	0.5
m/p-Xylene	10	1
o-Xylene	5	0.5
Styrene	5	0.5
Bromoform	5	0.5
1,1,2,2-Tetrachloroethane	5	0.5
1,3-Dichlorobenzene	5	0.5
1,4-Dichlorobenzene	5	0.5
1,2-Dichlorobenzene	5	0.5

BLANKS

Blanks were analyzed at the required frequencies of the methods. Sample T304010-01 was a Trip Blank. The blanks met the project criteria **except for the following:**

Lab ID	Analyte	Amount (ug/L)	AssociatedSamples	Qualifier
1315018-BLK1	Bromomethane	0.2	-01, -02, -03, -05, -08, -10, and -15	UJ

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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Lab ID	Analyte	Amount (ug/L)	AssociatedSamples	Qualifier
	Methylene Chloride	**0.3**	**-01, -02, -04, -05, -06, -07, -08, -09, -10, -11, -12, -14, and -15**	**J**

The values for Bromomethane in the samples listed above are qualified (UJ) as not detected at the estimated reported values. The values for Methylene Chloride in the above associated samples are qualified (J) estimated at their detected levels.

SURROGATE COMPOUNDS

Surrogate compounds were added to each sample to monitor system performance. Surrogate recoveries were within the project limits except for Dibromofluoromethane with a low recovery of 73.4% (Limits 81-130%) in sample T304010-03. No data warrants qualification for one low surrogate.

LABORATORY CONTROL SAMPLES

Laboratory Control Samples were analyzed with these samples for all parameters. The recoveries for all associated LCS were within the project limits **except for 1,1-Dichloroethene at 119% recovery (limits 87-114%)** and 1,1,2-TrichloroTrifluoroethane at 140% (limits 80-120%). 1,1,2-TrichloroTrifluoroethane does not warrant qualification due to high recovery since it was not detected in the samples. **1,1-Dichloroethene was detected in sample T304010-14. The 1,1-Dichloroethene in this sample is qualified (J) estimated at the reported value.**

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE ANALYSIS

Matrix Spike and/or Matrix Spike Duplicate analysis was performed with these samples. The recoveries were within the project limits except for the following:

Analyte	MS %REC	MSD %REC	%REC Limits	RPD	RPD Limits
1,1-Dichloroethene	**120***	**116***	87-114	3.1	20
1,1,2-Trichlorotrifluoroethane	142*	142*	80-120	0	20
Carbon Tetrachloride	114	125*	80-120	8.6	20
o-Xylene	120	124*	80-124	3.5	20

*out of range

1,1-Dichloroethenewas detected in sample T304010-14 and will be qualified (J) estimated at the reported value. 1,1,2-Trichlorotrifluoroethane was not detected in any samples and does not warrant qualification for high spike recoveries. No qualification is warranted for Carbon Tetrachloride or o-Xylene based on just the MSD recovery being high.

INTERNAL STANDARDS

Internal Standards were added to these samples for quantitation purposes. The Area counts of these standards must not vary more than a factor of two from the mid-point standard of the calibration curve according to the method. The retention times must not vary by more than 30 seconds. No compounds varied by more than 30 seconds retention time. The internal standard criteria were met for these samples.

FIELD DUPLICATES

Samples T304010-07 and T304010-15 were submitted as field duplicates. No Compounds were detected in the field duplicate pairs greater than the PQL except the following:

Analyte	Units	T304010-07	T304010-15	RPD
Cis-1,2-Dichloroethene	ug/L	36	38	5.4
Methylene Chloride	ug/L	1.1	1.0	9.5
Trichloroethene	ug/L	33	33	0
Tetrachloroethene	ug/L	97	94	3.1

The Field Duplicates are screened against a RPD of 75%. All comparisons met the screening criteria. No data is qualified.

DATA AVAILABILITY

All data associated with the samples contained in this report are archived at the Environmental Services Laboratory and are available upon request.

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.

Reviewed By

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	29-Apr-13 14:09

Trip Blank
T304010-01 (Water)
02-Apr-13 10:00

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.3 U	0.5	0.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1-Dichloroethene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichlorobenzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,3-Dichlorobenzene	0.09 U	0.5	0.09	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acetone	**1.5**	5.0	1.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acrylonitrile	0.5 U	5.0	0.5	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Benzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromomethane	**0.2 UJ**	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloroform	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloromethane	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
cis-1,2-Dichloroethene	0.1 U	0.2	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
m/p-Xylene	0.4 U	1.0	0.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Methylene Chloride	**1.1 J**	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C

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.

Reviewed By

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	29-Apr-13 14:09

Trip Blank
T304010-01 (Water)
02-Apr-13 10:00

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
Styrene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Tetrachloroethene	0.2 U	0.2	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Toluene	**0.1**	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
trans-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Trichloroethene	0.07 U	0.2	0.07	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Vinyl Chloride	0.1 U	0.2	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*94.9 %*	*26-175*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*107 %*	*86-126*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*95.8 %*	*81-130*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Toluene-d8		*97.7 %*	*82-127*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	29-Apr-13 14:09

MW1-PP
T304010-02 (Water)
02-Apr-13 11:45

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**16.30**	0.00	0.00	Feet	02-Apr-13	02-Apr-13	Field Measurement
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.3 U	0.5	0.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1-Dichloroethene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichlorobenzene	**0.4**	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,3-Dichlorobenzene	**0.4**	0.5	0.09	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,4-Dichlorobenzene	**0.5**	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acetone	**2.3**	5.0	1.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acrylonitrile	0.5 U	5.0	0.5	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Benzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromomethane	**0.4 UJ**	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Carbon Disulfide	**0.2**	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloroform	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloromethane	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
cis-1,2-Dichloroethene	**0.3**	0.2	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	29-Apr-13 14:09

MW1-PP
T304010-02 (Water)
02-Apr-13 11:45

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
m/p-Xylene	0.4 U	1.0	0.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Methylene Chloride	**1.2 J**	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Styrene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Tetrachloroethene	0.2 U	0.2	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Toluene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
trans-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Trichloroethene	**0.08**	0.2	0.07	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Vinyl Chloride	0.1 U	0.2	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*90.2 %*	*26-175*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*104 %*	*86-126*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*93.4 %*	*81-130*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Toluene-d8		*100 %*	*82-127*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	29-Apr-13 14:09

MW2-PP
T304010-03 (Water)
02-Apr-13 12:00

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**15.38**	0.00	0.00	Feet	02-Apr-13	02-Apr-13	Field Measurement
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.3 U	0.5	0.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1-Dichloroethene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichlorobenzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,3-Dichlorobenzene	0.09 U	0.5	0.09	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acetone	**1.7**	5.0	1.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acrylonitrile	0.5 U	5.0	0.5	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Benzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromomethane	**0.2 UJ**	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloroform	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloromethane	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
cis-1,2-Dichloroethene	**1.2**	0.2	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	29-Apr-13 14:09

MW2-PP
T304010-03 (Water)
02-Apr-13 12:00

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
m/p-Xylene	0.4 U	1.0	0.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Methylene Chloride	**4.9**	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Styrene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Tetrachloroethene	**0.5**	0.2	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Toluene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
trans-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Trichloroethene	**0.7**	0.2	0.07	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Vinyl Chloride	0.1 U	0.2	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*73.8 %*	*26-175*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*101 %*	*86-126*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*73.4 %*	*81-130*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Toluene-d8		*94.8 %*	*82-127*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*

PW Science and Engineering	Project: Sauro Property RIFS	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	29-Apr-13 14:09

MW13-(51.5)
T304010-04 (Water)
02-Apr-13 12:35

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**39.18**	0.00	0.00	Feet	02-Apr-13	02-Apr-13	Field Measurement
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.3 U	0.5	0.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1-Dichloroethene	**0.4**	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichlorobenzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,3-Dichlorobenzene	0.09 U	0.5	0.09	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acetone	**4.5**	5.0	1.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acrylonitrile	0.5 U	5.0	0.5	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Benzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromomethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloroform	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloromethane	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
m/p-Xylene	0.4 U	1.0	0.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C

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.

Reviewed By

MW13-(51.5)
T304010-04 (Water)
02-Apr-13 12:35

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Methylene Chloride	**1.2 J**	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Styrene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Toluene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
trans-1,2-Dichloroethene	**1.7**	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Vinyl Chloride	**0.7**	0.2	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*94.7 %*	*26-175*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*103 %*	*86-126*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*94.6 %*	*81-130*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Toluene-d8		*95.8 %*	*82-127*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	30-Apr-13 14:25

MW13-(51.5)
T304010-04RE1 (Water)
02-Apr-13 12:35

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
cis-1,2-Dichloroethene	**98**	2.0	1.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Trichloroethene	**130**	2.0	0.7	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*96.8 %*	*26-175*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*89.4 %*	*86-126*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*94.4 %*	*81-130*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Toluene-d8		*96.6 %*	*82-127*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*

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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	30-Apr-13 14:25

MW13-(51.5)
T304010-04RE2 (Water)
02-Apr-13 12:35

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
Tetrachloroethene	**570**	5.0	4.6	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*	*26-175*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*87.3 %*	*86-126*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*100 %*	*81-130*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Toluene-d8		*96.0 %*	*82-127*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*

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PW Science and Engineering	Project: Sauro Property RIFS	
326 East D Street	Project Number: CIP-00020-01-03	Reported:
Tacoma WA, 98421	Project Manager: Calvin Taylor	29-Apr-13 14:09

LAI-MW1-(63)
T304010-05 (Water)
02-Apr-13 13:05

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**45.50**	0.00	0.00	Feet	02-Apr-13	02-Apr-13	Field Measurement
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.3 U	0.5	0.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1-Dichloroethene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichlorobenzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,3-Dichlorobenzene	0.09 U	0.5	0.09	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acetone	**4.8**	5.0	1.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acrylonitrile	0.5 U	5.0	0.5	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Benzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromomethane	**0.2 UJ**	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloroform	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloromethane	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
cis-1,2-Dichloroethene	0.1 U	0.2	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C

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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	29-Apr-13 14:09

LAI-MW1-(63)
T304010-05 (Water)
02-Apr-13 13:05

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
m/p-Xylene	0.4 U	1.0	0.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Methylene Chloride	**1.0 J**	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Styrene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Tetrachloroethene	0.2 U	0.2	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Toluene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
trans-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Trichloroethene	0.07 U	0.2	0.07	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Vinyl Chloride	0.1 U	0.2	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*98.4 %*	*26-175*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*102 %*	*86-126*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*101 %*	*81-130*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Toluene-d8		*97.6 %*	*82-127*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*

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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	29-Apr-13 14:09

LAI-MW2-(65)
T304010-06 (Water)
02-Apr-13 12:47

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**44.33**	0.00	0.00	Feet	02-Apr-13	02-Apr-13	Field Measurement
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.3 U	0.5	0.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1-Dichloroethene	**0.6**	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichlorobenzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,3-Dichlorobenzene	0.09 U	0.5	0.09	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acetone	**4.0**	5.0	1.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acrylonitrile	0.5 U	5.0	0.5	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Benzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromomethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloroform	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloromethane	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
m/p-Xylene	0.4 U	1.0	0.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C

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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	29-Apr-13 14:09

LAI-MW2-(65)
T304010-06 (Water)
02-Apr-13 12:47

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Methylene Chloride	**1.1 J**	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Styrene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Toluene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
trans-1,2-Dichloroethene	**1.3**	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Vinyl Chloride	**0.7**	0.2	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*26-175*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*104 %*	*86-126*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*103 %*	*81-130*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Toluene-d8		*98.1 %*	*82-127*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	30-Apr-13 14:25

LAI-MW2-(65)
T304010-06RE1 (Water)
02-Apr-13 12:47

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
cis-1,2-Dichloroethene	**100**	2.0	1.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Tetrachloroethene	**380**	2.0	1.8	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Trichloroethene	**110**	2.0	0.7	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*96.4 %*	*26-175*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*87.6 %*	*86-126*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*96.2 %*	*81-130*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Toluene-d8		*94.0 %*	*82-127*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	29-Apr-13 14:09

LAI-MW3-(75)
T304010-07 (Water)
02-Apr-13 13:00

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**51.81**	0.00	0.00	Feet	02-Apr-13	02-Apr-13	Field Measurement
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.3 U	0.5	0.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1-Dichloroethene	**0.1**	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichlorobenzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,3-Dichlorobenzene	0.09 U	0.5	0.09	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acetone	**4.5**	5.0	1.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acrylonitrile	0.5 U	5.0	0.5	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Benzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromomethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloroform	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloromethane	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
cis-1,2-Dichloroethene	**36**	0.2	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C

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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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	29-Apr-13 14:09

LAI-MW3-(75)
T304010-07 (Water)
02-Apr-13 13:00

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
m/p-Xylene	0.4 U	1.0	0.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Methylene Chloride	**1.1 J**	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Styrene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Toluene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
trans-1,2-Dichloroethene	**0.4**	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Trichloroethene	**33**	0.2	0.07	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Vinyl Chloride	0.1 U	0.2	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*97.6 %*	*26-175*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*99.9 %*	*86-126*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*94.9 %*	*81-130*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Toluene-d8		*98.3 %*	*82-127*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*

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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	30-Apr-13 14:25

LAI-MW3-(75)
T304010-07RE1 (Water)
02-Apr-13 13:00

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
Tetrachloroethene	**97**	1.0	0.9	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*95.9 %*	*26-175*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*88.7 %*	*86-126*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*102 %*	*81-130*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Toluene-d8		*97.1 %*	*82-127*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*

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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	29-Apr-13 14:09

LAI-MW4-(25)
T304010-08 (Water)
02-Apr-13 13:18

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**12.05**	0.00	0.00	Feet	02-Apr-13	02-Apr-13	Field Measurement
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.3 U	0.5	0.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1-Dichloroethene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichlorobenzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,3-Dichlorobenzene	0.09 U	0.5	0.09	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acetone	1.3 U	5.0	1.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acrylonitrile	**3.3**	5.0	0.5	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Benzene	**0.3**	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromomethane	**0.2 UJ**	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloroform	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloromethane	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
cis-1,2-Dichloroethene	**0.3**	0.2	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C

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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	29-Apr-13 14:09

LAI-MW4-(25)
T304010-08 (Water)
02-Apr-13 13:18

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
m/p-Xylene	**0.5**	1.0	0.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Methylene Chloride	**1.5 J**	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Styrene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Tetrachloroethene	0.2 U	0.2	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Toluene	**0.2**	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
trans-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Trichloroethene	0.07 U	0.2	0.07	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Vinyl Chloride	**0.1**	0.2	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*97.7 %*	*26-175*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*103 %*	*86-126*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*104 %*	*81-130*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Toluene-d8		*99.5 %*	*82-127*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*

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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	29-Apr-13 14:09

LAI-MW5-(42)
T304010-09 (Water)
02-Apr-13 12:13

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**24.05**	0.00	0.00	Feet	02-Apr-13	02-Apr-13	Field Measurement
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.3 U	0.5	0.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1-Dichloroethene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichlorobenzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,3-Dichlorobenzene	0.09 U	0.5	0.09	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acetone	**4.1**	5.0	1.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acrylonitrile	0.5 U	5.0	0.5	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Benzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromomethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloroform	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloromethane	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
cis-1,2-Dichloroethene	**0.1**	0.2	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C

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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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	29-Apr-13 14:09

LAI-MW5-(42)
T304010-09 (Water)
02-Apr-13 12:13

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
m/p-Xylene	0.4 U	1.0	0.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Methylene Chloride	**1.1 J**	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Styrene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Tetrachloroethene	**0.4**	0.2	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Toluene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
trans-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Trichloroethene	**0.1**	0.2	0.07	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Vinyl Chloride	0.1 U	0.2	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*99.3 %*	*26-175*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*99.5 %*	*86-126*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*97.6 %*	*81-130*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Toluene-d8		*100 %*	*82-127*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	29-Apr-13 14:09

LAI-MW5-(50)
T304010-10 (Water)
02-Apr-13 12:15

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**24.05**	0.00	0.00	Feet	02-Apr-13	02-Apr-13	Field Measurement
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.3 U	0.5	0.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1-Dichloroethene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichlorobenzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,3-Dichlorobenzene	0.09 U	0.5	0.09	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acetone	**3.8**	5.0	1.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acrylonitrile	0.5 U	5.0	0.5	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Benzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromomethane	**0.2 UJ**	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloroform	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloromethane	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
cis-1,2-Dichloroethene	**0.1**	0.2	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C

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.

Reviewed By

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	29-Apr-13 14:09

LAI-MW5-(50)
T304010-10 (Water)
02-Apr-13 12:15

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
m/p-Xylene	0.4 U	1.0	0.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Methylene Chloride	**1.2 J**	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Styrene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Tetrachloroethene	0.2 U	0.2	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Toluene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
trans-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Trichloroethene	0.07 U	0.2	0.07	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Vinyl Chloride	0.1 U	0.2	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*26-175*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*99.0 %*	*86-126*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*102 %*	*81-130*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Toluene-d8		*101 %*	*82-127*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*

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.

Reviewed By

PW Science and Engineering	Project: Sauro Property RIFS	
326 East D Street	Project Number: CIP-00020-01-03	Reported:
Tacoma WA, 98421	Project Manager: Calvin Taylor	29-Apr-13 14:09

RNS-MW2-(21.5)
T304010-11 (Water)
02-Apr-13 12:05

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**16.44**	0.00	0.00	Feet	02-Apr-13	02-Apr-13	Field Measurement
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.3 U	0.5	0.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1-Dichloroethene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichlorobenzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,3-Dichlorobenzene	0.09 U	0.5	0.09	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acetone	**3.9**	5.0	1.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acrylonitrile	0.5 U	5.0	0.5	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Benzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromomethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloroform	**0.5**	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloromethane	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
cis-1,2-Dichloroethene	**0.4**	0.2	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C

PW Science and Engineering 326 East D Street Tacoma WA, 98421	Project: **Sauro Property RIFS** Project Number: CIP-00020-01-03 Project Manager: Calvin Taylor	**Reported:** 29-Apr-13 14:09

RNS-MW2-(21.5)
T304010-11 (Water)
02-Apr-13 12:05

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
m/p-Xylene	0.4 U	1.0	0.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Methylene Chloride	**2.2 J**	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Styrene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Tetrachloroethene	**14**	0.2	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Toluene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
trans-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Trichloroethene	**0.7**	0.2	0.07	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Vinyl Chloride	0.1 U	0.2	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*93.7 %*	*26-175*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*103 %*	*86-126*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*94.8 %*	*81-130*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Toluene-d8		*101 %*	*82-127*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*

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Reviewed By

PW Science and Engineering	Project: Sauro Property RIFS	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	29-Apr-13 14:09

RNS-MW2-(38.5)
T304010-12 (Water)
02-Apr-13 12:07

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**16.44**	0.00	0.00	Feet	02-Apr-13	02-Apr-13	Field Measurement
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.3 U	0.5	0.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1-Dichloroethene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichlorobenzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,3-Dichlorobenzene	0.09 U	0.5	0.09	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acetone	**29**	5.0	1.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acrylonitrile	0.5 U	5.0	0.5	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Benzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromomethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloroform	**0.5**	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloromethane	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
cis-1,2-Dichloroethene	**0.2**	0.2	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C

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Reviewed By

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	29-Apr-13 14:09

RNS-MW2-(38.5)
T304010-12 (Water)
02-Apr-13 12:07

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
m/p-Xylene	0.4 U	1.0	0.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Methylene Chloride	**1.1 J**	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Styrene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Tetrachloroethene	**11**	0.2	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Toluene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
trans-1,2-Dichloroethene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Trichloroethene	**0.8**	0.2	0.07	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Vinyl Chloride	0.1 U	0.2	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*98.8 %*	*26-175*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate 4-Bromofluorobenzene		*100 %*	*86-126*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*95.5 %*	*81-130*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Toluene-d8		*96.6 %*	*82-127*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*

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

Reviewed By

PW Science and Engineering	Project: Sauro Property RIFS	
326 East D Street	Project Number: CIP-00020-01-03	Reported:
Tacoma WA, 98421	Project Manager: Calvin Taylor	29-Apr-13 14:09

RNS-MW6-(42.5)
T304010-13 (Water)
02-Apr-13 12:22

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**38.98**	0.00	0.00	Feet	02-Apr-13	02-Apr-13	Field Measurement
VOA							
1,1,1-Trichloroethane	2.0 U	5.0	2.0	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2,2-Tetrachloroethane	2.2 U	5.0	2.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2-Trichloroethane	2.7 U	5.0	2.7	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	3.3 U	5.0	3.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1-Dichloroethane	1.5 U	5.0	1.5	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1-Dichloroethene	1.1 U	5.0	1.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dibromoethane	2.3 U	5.0	2.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichlorobenzene	1.7 U	5.0	1.7	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichloroethane	1.3 U	5.0	1.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichloropropane	2.0 U	5.0	2.0	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,3-Dichlorobenzene	0.9 U	5.0	0.9	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,4-Dichlorobenzene	1.4 U	5.0	1.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
2-Butanone	14 U	50	14	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
2-Hexanone	24 U	50	24	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
4-Methyl-2-pentanone	18 U	50	18	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acetone	**14**	50	13	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acrolein	13 U	50	13	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acrylonitrile	4.7 U	50	4.7	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Benzene	2.0 U	5.0	2.0	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromodichloromethane	2.0 U	5.0	2.0	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromoform	1.2 U	5.0	1.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromomethane	2.0 U	5.0	2.0	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Carbon Disulfide	1.4 U	5.0	1.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Carbon Tetrachloride	1.7 U	5.0	1.7	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chlorobenzene	2.1 U	5.0	2.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloroethane	0.7 U	5.0	0.7	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloroform	1.8 U	5.0	1.8	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloromethane	1.1 U	5.0	1.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
cis-1,2-Dichloroethene	**89**	2.0	1.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
cis-1,3-Dichloropropene	1.8 U	5.0	1.8	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Dibromochloromethane	2.1 U	5.0	2.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Ethylbenzene	2.5 U	5.0	2.5	ug/L	10-Apr-13	10-Apr-13	EPA 8260C

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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	29-Apr-13 14:09

RNS-MW6-(42.5)
T304010-13 (Water)
02-Apr-13 12:22

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
m/p-Xylene	3.7 U	10	3.7	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Methyl tert-butyl ether	2.3 U	5.0	2.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Methylene Chloride	**3.2**	5.0	1.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
o-Xylene	2.2 U	5.0	2.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Styrene	2.1 U	5.0	2.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Toluene	1.3 U	5.0	1.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
trans-1,2-Dichloroethene	1.2 U	5.0	1.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
trans-1,3-Dichloropropene	1.3 U	5.0	1.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Trichloroethene	**240**	2.0	0.7	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Trichlorofluoromethane	1.6 U	5.0	1.6	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Vinyl Acetate	2.1 U	5.0	2.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Vinyl Chloride	1.5 U	2.0	1.5	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*97.8 %*	*26-175*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*86.0 %*	*86-126*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*102 %*	*81-130*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Toluene-d8		*95.6 %*	*82-127*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*

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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	30-Apr-13 14:25

RNS-MW6-(42.5)
T304010-13RE1 (Water)
02-Apr-13 12:22

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
Tetrachloroethene	**1500**	5.0	4.6	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*95.1 %*	*26-175*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*88.6 %*	*86-126*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*97.5 %*	*81-130*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Toluene-d8		*98.2 %*	*82-127*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*

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PW Science and Engineering	Project: Sauro Property RIFS	
326 East D Street	Project Number: CIP-00020-01-03	Reported:
Tacoma WA, 98421	Project Manager: Calvin Taylor	29-Apr-13 14:09

RNS-MW6-(52.5)
T304010-14 (Water)
02-Apr-13 12:25

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Water Level	**38.98**	0.00	0.00	Feet	02-Apr-13	02-Apr-13	Field Measurement
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.3 U	0.5	0.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1-Dichloroethene	**0.5 J**	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichlorobenzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,3-Dichlorobenzene	0.09 U	0.5	0.09	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acetone	**5.7**	5.0	1.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acrylonitrile	0.5 U	5.0	0.5	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Benzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromomethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloroform	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloromethane	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
m/p-Xylene	0.4 U	1.0	0.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C

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PW Science and Engineering	Project: Sauro Property RIFS	
326 East D Street	Project Number: CIP-00020-01-03	Reported:
Tacoma WA, 98421	Project Manager: Calvin Taylor	29-Apr-13 14:09

RNS-MW6-(52.5)
T304010-14 (Water)
02-Apr-13 12:25

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Methylene Chloride	**2.0 J**	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Styrene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Toluene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
trans-1,2-Dichloroethene	**1.2**	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Vinyl Chloride	**0.5**	0.2	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*98.4 %*	*26-175*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*103 %*	*86-126*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*104 %*	*81-130*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Toluene-d8		*99.0 %*	*82-127*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*

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PW Science and Engineering	Project: Sauro Property RIFS	
326 East D Street	Project Number: CIP-00020-01-03	Reported:
Tacoma WA, 98421	Project Manager: Calvin Taylor	30-Apr-13 14:25

RNS-MW6-(52.5)
T304010-14RE1 (Water)
02-Apr-13 12:25

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
cis-1,2-Dichloroethene	**89**	2.0	1.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Trichloroethene	**150**	2.0	0.7	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*94.9 %*	*26-175*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*86.0 %*	*86-126*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*94.8 %*	*81-130*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Toluene-d8		*92.1 %*	*82-127*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*

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PW Science and Engineering	Project: Sauro Property RIFS	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	30-Apr-13 14:25

RNS-MW6-(52.5)
T304010-14RE2 (Water)
02-Apr-13 12:25

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
Tetrachloroethene	**950**	10	9.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*26-175*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*89.9 %*	*86-126*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*101 %*	*81-130*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Toluene-d8		*98.5 %*	*82-127*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*

PW Science and Engineering	Project: Sauro Property RIFS	
326 East D Street	Project Number: CIP-00020-01-03	Reported:
Tacoma WA, 98421	Project Manager: Calvin Taylor	29-Apr-13 14:09

LAI-MW3 DUP
T304010-15 (Water)
02-Apr-13 13:01

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
1,1,1-Trichloroethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2-Trichloroethane	0.3 U	0.5	0.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.3 U	0.5	0.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1-Dichloroethane	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,1-Dichloroethene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dibromoethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichlorobenzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichloroethane	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,2-Dichloropropane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,3-Dichlorobenzene	0.09 U	0.5	0.09	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
1,4-Dichlorobenzene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
2-Butanone	1.4 U	5.0	1.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
2-Hexanone	2.4 U	5.0	2.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
4-Methyl-2-pentanone	1.8 U	5.0	1.8	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acetone	**4.8**	5.0	1.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acrolein	1.3 U	5.0	1.3	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Acrylonitrile	0.5 U	5.0	0.5	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Benzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromodichloromethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromoform	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Bromomethane	**0.2 UJ**	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Carbon Disulfide	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Carbon Tetrachloride	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chlorobenzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloroethane	0.07 U	0.5	0.07	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloroform	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Chloromethane	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
cis-1,2-Dichloroethene	**38**	0.2	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
cis-1,3-Dichloropropene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Dibromochloromethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Ethylbenzene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
m/p-Xylene	0.4 U	1.0	0.4	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Methyl tert-butyl ether	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Methylene Chloride	**1.0 J**	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
o-Xylene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C

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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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	29-Apr-13 14:09

LAI-MW3 DUP
T304010-15 (Water)
02-Apr-13 13:01

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
Styrene	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Toluene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
trans-1,2-Dichloroethene	**0.4**	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
trans-1,3-Dichloropropene	0.1 U	0.5	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Trichloroethene	**33**	0.2	0.07	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Trichlorofluoromethane	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Vinyl Acetate	0.2 U	0.5	0.2	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Vinyl Chloride	0.1 U	0.2	0.1	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Surrogate 1,2-Dichloroethane-d4		*100 %*	*26-175*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate 4-Bromofluorobenzene		*102 %*	*86-126*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*95.9 %*	*81-130*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Toluene-d8		*96.9 %*	*82-127*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*

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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PW Science and Engineering 326 East D Street Tacoma WA, 98421	Project: **Sauro Property RIFS** Project Number: CIP-00020-01-03 Project Manager: Calvin Taylor	**Reported:** 30-Apr-13 14:25

LAI-MW3 DUP
T304010-15RE1 (Water)
02-Apr-13 13:01

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
VOA							
Tetrachloroethene	94	1.0	0.9	ug/L	10-Apr-13	10-Apr-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*90.2 %*	*26-175*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*90.6 %*	*86-126*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*92.5 %*	*81-130*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*
Surrogate: Toluene-d8		*99.2 %*	*82-127*		*10-Apr-13*	*10-Apr-13*	*EPA 8260C*

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VOA - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1315018 - Volatile Organics No-Prep										
Blank (1315018-BLK1)				Prepared & Analyzed: 10-Apr-13						
1,1,1-Trichloroethane	0 2 U	0 2	ug/L							
1,1,2,2-Tetrachloroethane	0 2 U	0 2	ug/L							
1,1,2-Trichloroethane	0.3 U	0 3	ug/L							
1,1,2-Trichlorotrifluoroethane	0.3 U	0.3	ug/L							
1,1-Dichloroethane	0.1 U	0.1	ug/L							
1,1-Dichloroethene	0.1 U	0.1	ug/L							
1,2-Dibromoethane	0.2 U	0.2	ug/L							
1,2-Dichlorobenzene	0.2 U	0.2	ug/L							
1,2-Dichloroethane	0.1 U	0.1	ug/L							
Surrogate: 1,2-Dichloroethane-d4	*19*		ug/L	*20 0*		*94 3*	*26-175*			
1,2-Dichloropropane	0.2 U	0 2	ug/L							
1,3-Dichlorobenzene	0 09 U	0 09	ug/L							
1,4-Dichlorobenzene	0 1 U	0 1	ug/L							
2-Butanone	1.4 U	1 4	ug/L							
2-Hexanone	2.4 U	2 4	ug/L							
Surrogate: 4-Bromofluorobenzene	*21*		ug/L	*20.0*		*103*	*86-126*			
4-Methyl-2-pentanone	1.8 U	1.8	ug/L							
Acetone	1.3 U	1.3	ug/L							
Acrolein	1 3 U	1.3	ug/L							
Acrylonitrile	0 5 U	0.5	ug/L							
Benzene	0.2 U	0.2	ug/L							
Bromodichloromethane	0.2 U	0.2	ug/L							
Bromoform	0.1 U	0.1	ug/L							
Bromomethane	**0.2**	**0.2**	**ug/L**							
Carbon Disulfide	0.1 U	0.1	ug/L							
Carbon Tetrachloride	0.2 U	0.2	ug/L							
Chlorobenzene	0.2 U	0.2	ug/L							
Chloroethane	0 07 U	0.07	ug/L							
Chloroform	0.2 U	0 2	ug/L							
Chloromethane	0 1 U	0.1	ug/L							
cis-1,2-Dichloroethene	0.1 U	0.1	ug/L							
cis-1,3-Dichloropropene	0.2 U	0.2	ug/L							

PW Science and Engineering 326 East D Street Tacoma WA, 98421	Project: **Sauro Property RIFS** Project Number: CIP-00020-01-03 Project Manager: Calvin Taylor	**Reported:** 29-Apr-13 14:09

VOA - Quality Control

Environmental Services Laboratory

Sample ID Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1315018 - Volatile Organics No-Prep										
Blank (1315018-BLK1)				Prepared & Analyzed: 10-Apr-13						
Dibromochloromethane	0.2 U	0.2	ug/L							
Surrogate: Dibromofluoromethane	*19*		ug/L	*20.0*		*96.7*	*81-130*			
Ethylbenzene	0.2 U	0.2	ug/L							
m/p-Xylene	0.4 U	0.4	ug/L							
Methyl tert-butyl ether	0.2 U	0.2	ug/L							
Methylene Chloride	**0.3**	**0.1**	**ug/L**							
o-Xylene	0.2 U	0.2	ug/L							
Styrene	0.2 U	0.2	ug/L							
Tentatively Identified Compounds	0 0		ug/L							
Tetrachloroethene	0.2 U	0.2	ug/L							
Toluene	0.1 U	0.1	ug/L							
Surrogate: Toluene-d8	*20*		ug/L	*20.0*		*98.9*	*82-127*			
trans-1,2-Dichloroethene	0.1 U	0.1	ug/L							
trans-1,3-Dichloropropene	0.1 U	0.1	ug/L							
Trichloroethene	0.07 U	0.07	ug/L							
Trichlorofluoromethane	0.2 U	0.2	ug/L							
Vinyl Acetate	0.2 U	0.2	ug/L							
Vinyl Chloride	0.1 U	0.1	ug/L							
LCS (1315018-BS1)				Prepared & Analyzed: 10-Apr-13						
1,1,1-Trichloroethane	**22**	**0.2**	**ug/L**	**20.0**		**112**	**82-121**			
1,1,2,2-Tetrachloroethane	**20**	**0.2**	**ug/L**	**20.0**		**97.7**	**77-137**			
1,1,2-Trichloroethane	**22**	**0.3**	**ug/L**	**20.0**		**109**	**88-125**			
1,1,2-Trichlorotrifluoroethane	**28**	**0.3**	**ug/L**	**20.0**		**140**	**80-120**			
1,1-Dichloroethane	**23**	**0.1**	**ug/L**	**20.0**		**114**	**86-124**			
1,1-Dichloroethene	**24**	**0.1**	**ug/L**	**20.0**		**119**	**87-114**			
1,2-Dibromoethane	**21**	**0.2**	**ug/L**	**20.0**		**107**	**80-120**			
1,2-Dichlorobenzene	**23**	**0.2**	**ug/L**	**20.0**		**116**	**79-140**			
1,2-Dichloroethane	**22**	**0.1**	**ug/L**	**20.0**		**108**	**85-130**			
Surrogate: 1,2-Dichloroethane-d4	*19*		ug/L	*20.0*		*95.3*	*26-175*			
1,2-Dichloropropane	**23**	**0.2**	**ug/L**	**20.0**		**114**	**88-131**			
1,3-Dichlorobenzene	**24**	**0.09**	**ug/L**	**20.0**		**121**	**82-133**			
1,4-Dichlorobenzene	**24**	**0.1**	**ug/L**	**20.0**		**122**	**62-138**			

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VOA - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1315018 - Volatile Organics No-Prep										
LCS (1315018-BS1)				Prepared & Analyzed: 10-Apr-13						
2-Butanone	**180**	**1.4**	**ug/L**	**200**		**89.3**	**73-130**			
2-Hexanone	**200**	**2.4**	**ug/L**	**200**		**101**	**70-138**			
Surrogate: 4-Bromofluorobenzene	*21*		ug/L	*20.0*		*105*	*86-126*			
4-Methyl-2-pentanone	**200**	**1.8**	**ug/L**	**200**		**99.4**	**66-134**			
Acetone	**200**	**1.3**	**ug/L**	**200**		**101**	**79-126**			
Acrolein	**190**	**1.3**	**ug/L**	**200**		**95.4**	**66-141**			
Acrylonitrile	**200**	**0.5**	**ug/L**	**200**		**98.4**	**86-124**			
Benzene	**22**	**0.2**	**ug/L**	**20.0**		**108**	**87-122**			
Bromodichloromethane	**21**	**0.2**	**ug/L**	**20.0**		**107**	**84-130**			
Bromoform	**24**	**0.1**	**ug/L**	**20.0**		**121**	**76-134**			
Bromomethane	**17**	**0.2**	**ug/L**	**20.0**		**86.1**	**64-147**			
Carbon Disulfide	**22**	**0.1**	**ug/L**	**20.0**		**109**	**71-139**			
Carbon Tetrachloride	**23**	**0.2**	**ug/L**	**20.0**		**113**	**80-120**			
Chlorobenzene	**24**	**0.2**	**ug/L**	**20.0**		**120**	**87-124**			
Chloroethane	**19**	**0.07**	**ug/L**	**20.0**		**97.1**	**61-140**			
Chloroform	**23**	**0.2**	**ug/L**	**20.0**		**114**	**88-121**			
Chloromethane	**20**	**0.1**	**ug/L**	**20.0**		**97.9**	**69-126**			
cis-1,2-Dichloroethene	**20**	**0.1**	**ug/L**	**20.0**		**99.6**	**96-116**			
cis-1,3-Dichloropropene	**20**	**0.2**	**ug/L**	**20.0**		**102**	**80-129**			
Dibromochloromethane	**22**	**0.2**	**ug/L**	**20.0**		**110**	**81-130**			
Surrogate: Dibromofluoromethane	*19*		ug/L	*20.0*		*95.5*	*81-130*			
Ethylbenzene	**24**	**0.2**	**ug/L**	**20.0**		**120**	**85-134**			
m/p-Xylene	**45**	**0.4**	**ug/L**	**40.0**		**113**	**93-120**			
Methyl tert-butyl ether	**21**	**0.2**	**ug/L**	**20.0**		**103**	**50-150**			
Methylene Chloride	**20**	**0.1**	**ug/L**	**20.0**		**98.7**	**79-119**			
o-Xylene	**24**	**0.2**	**ug/L**	**20.0**		**119**	**80-120**			
Styrene	**24**	**0.2**	**ug/L**	**20.0**		**120**	**78-129**			
Tetrachloroethene	**24**	**0.2**	**ug/L**	**20.0**		**121**	**81-126**			
Toluene	**22**	**0.1**	**ug/L**	**20.0**		**110**	**87-127**			
Surrogate: Toluene-d8	*20*		ug/L	*20.0*		*100*	*82-127*			
trans-1,2-Dichloroethene	**24**	**0.1**	**ug/L**	**20.0**		**118**	**85-120**			
trans-1,3-Dichloropropene	**22**	**0.1**	**ug/L**	**20.0**		**110**	**82-130**			
Trichloroethene	**24**	**0.07**	**ug/L**	**20.0**		**119**	**84-123**			

PW Science and Engineering	Project: Sauro Property RIFS	
326 East D Street	Project Number: CIP-00020-01-03	Reported:
Tacoma WA, 98421	Project Manager: Calvin Taylor	29-Apr-13 14:09

VOA - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1315018 - Volatile Organics No-Prep										
LCS (1315018-BS1)				Prepared & Analyzed: 10-Apr-13						
Trichlorofluoromethane	23	0.2	ug/L	20.0		113	80-120			
Vinyl Acetate	19	0.2	ug/L	20.0		93.6	63-133			
Vinyl Chloride	21	0.1	ug/L	20.0		103	69-126			
Matrix Spike (1315018-MS1)		Source: T304010-08		Prepared & Analyzed: 10-Apr-13						
1,1,1-Trichloroethane	23	0.2	ug/L	20.0	ND	113	82-121			
1,1,2,2-Tetrachloroethane	20	0.2	ug/L	20.0	ND	99.3	77-137			
1,1,2-Trichloroethane	21	0.3	ug/L	20.0	ND	105	88-125			
1,1,2-Trichlorotrifluoroethane	28	0.3	ug/L	20.0	ND	142	80-120			
1,1-Dichloroethane	23	0.1	ug/L	20.0	ND	115	86-124			
1,1-Dichloroethene	24	0.1	ug/L	20.0	ND	120	87-114			
1,2-Dibromoethane	21	0.2	ug/L	20.0	ND	104	80-120			
1,2-Dichlorobenzene	24	0.2	ug/L	20.0	ND	120	79-140			
1,2-Dichloroethane	22	0.1	ug/L	20.0	ND	110	85-130			
Surrogate: 1,2-Dichloroethane-d4	*19*		ug/L	*20.0*		*95.9*	*26-175*			
1,2-Dichloropropane	23	0.2	ug/L	20.0	ND	115	88-131			
1,3-Dichlorobenzene	25	0.09	ug/L	20.0	ND	125	82-133			
1,4-Dichlorobenzene	25	0.1	ug/L	20.0	ND	124	62-138			
2-Butanone	170	1.4	ug/L	200	ND	86.9	73-130			
2-Hexanone	190	2.4	ug/L	200	ND	97.0	70-138			
Surrogate: 4-Bromofluorobenzene	*22*		ug/L	*20.0*		*108*	*86-126*			
4-Methyl-2-pentanone	190	1.8	ug/L	200	ND	97.1	66-134			
Acetone	180	1.3	ug/L	200	ND	88.6	79-126			
Acrolein	200	1.3	ug/L	200	ND	98.3	66-141			
Acrylonitrile	200	0.5	ug/L	200	3.3	101	86-124			
Benzene	22	0.2	ug/L	20.0	0.3	109	87-122			
Bromodichloromethane	21	0.2	ug/L	20.0	ND	106	84-130			
Bromoform	23	0.1	ug/L	20.0	ND	114	76-134			
Bromomethane	17	0.2	ug/L	20.0	ND	83.4	64-147			
Carbon Disulfide	22	0.1	ug/L	20.0	ND	111	71-139			
Carbon Tetrachloride	23	0.2	ug/L	20.0	ND	114	80-120			
Chlorobenzene	24	0.2	ug/L	20.0	ND	119	87-124			
Chloroethane	20	0.07	ug/L	20.0	ND	98.5	61-140			

Center for Urban Waters - Environmental Services Lab

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PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	29-Apr-13 14:09

VOA - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1315018 - Volatile Organics No-Prep										
Matrix Spike (1315018-MS1)	Source: T304010-08			Prepared & Analyzed: 10-Apr-13						
Chloroform	23	0.2	ug/L	20.0	ND	115	88-121			
Chloromethane	19	0.1	ug/L	20.0	ND	95.8	69-126			
cis-1,2-Dichloroethene	20	0.1	ug/L	20.0	0.3	99.0	96-116			
cis-1,3-Dichloropropene	20	0.2	ug/L	20.0	ND	100	80-129			
Dibromochloromethane	21	0.2	ug/L	20.0	ND	105	81-130			
Surrogate: Dibromofluoromethane	*20*		ug/L	*20.0*		*97.6*	*81-130*			
Ethylbenzene	24	0.2	ug/L	20.0	ND	119	85-134			
m/p-Xylene	46	0.4	ug/L	40.0	0.5	114	93-120			
Methyl tert-butyl ether	21	0.2	ug/L	20.0	ND	104	50-150			
Methylene Chloride	21	0.1	ug/L	20.0	1.5	97.6	79-119			
o-Xylene	24	0.2	ug/L	20.0	ND	120	80-120			
Styrene	24	0.2	ug/L	20.0	ND	122	78-129			
Tetrachloroethene	24	0.2	ug/L	20.0	ND	119	81-126			
Toluene	22	0.1	ug/L	20.0	0.2	110	87-127			
Surrogate: Toluene-d8	*20*		ug/L	*20.0*		*98.4*	*82-127*			
trans-1,2-Dichloroethene	23	0.1	ug/L	20.0	ND	117	85-120			
trans-1,3-Dichloropropene	21	0.1	ug/L	20.0	ND	107	82-130			
Trichloroethene	23	0.07	ug/L	20.0	ND	117	84-123			
Trichlorofluoromethane	23	0.2	ug/L	20.0	ND	115	80-120			
Vinyl Acetate	19	0.2	ug/L	20.0	ND	95.1	63-133			
Vinyl Chloride	21	0.1	ug/L	20.0	ND	106	68-127			
Matrix Spike Dup (1315018-MSD1)	Source: T304010-08			Prepared & Analyzed: 10-Apr-13						
1,1,1-Trichloroethane	24	0.2	ug/L	20.0	ND	118	82-121	4.17	20	
1,1,2,2-Tetrachloroethane	20	0.2	ug/L	20.0	ND	101	77-137	1.64	20	
1,1,2-Trichloroethane	22	0.3	ug/L	20.0	ND	112	88-125	6.66	20	
1,1,2-Trichlorotrifluoroethane	28	0.3	ug/L	20.0	ND	142	80-120	0.229	20	
1,1-Dichloroethane	22	0.1	ug/L	20.0	ND	112	86-124	2.26	20	
1,1-Dichloroethene	23	0.1	ug/L	20.0	ND	116	87-114	3.08	20	
1,2-Dibromoethane	21	0.2	ug/L	20.0	ND	107	80-120	3.01	20	
1,2-Dichlorobenzene	23	0.2	ug/L	20.0	ND	117	79-140	2.27	20	
1,2-Dichloroethane	22	0.1	ug/L	20.0	ND	109	85-130	0.737	20	
Surrogate: 1,2-Dichloroethane-d4	*19*		ug/L	*20.0*		*96.9*	*26-175*			

Center for Urban Waters - Environmental Services Lab

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PW Science and Engineering	Project: Sauro Property RIFS	
326 East D Street	Project Number: CIP-00020-01-03	Reported:
Tacoma WA, 98421	Project Manager: Calvin Taylor	29-Apr-13 14:09

VOA - Quality Control

Environmental Services Laboratory

Sample ID Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1315018 - Volatile Organics No-Prep										
Matrix Spike Dup (1315018-MSD1)	**Source: T304010-08**			Prepared & Analyzed: 10-Apr-13						
1,2-Dichloropropane	23	0.2	ug/L	20.0	ND	115	88-131	0.377	20	
1,3-Dichlorobenzene	25	0.09	ug/L	20.0	ND	125	82-133	0.231	20	
1,4-Dichlorobenzene	26	0.1	ug/L	20.0	ND	129	62-138	3.27	20	
2-Butanone	180	1.4	ug/L	200	ND	87.7	73-130	0.861	20	
2-Hexanone	200	2.4	ug/L	200	ND	101	70-138	3.77	20	
Surrogate: 4-Bromofluorobenzene	*21*		ug/L	*20.0*		*104*	*86-126*			
4-Methyl-2-pentanone	200	1.8	ug/L	200	ND	102	66-134	4.71	20	
Acetone	180	1.3	ug/L	200	ND	92.0	79-126	3.85	20	
Acrolein	190	1.3	ug/L	200	ND	97.3	66-141	0.975	20	
Acrylonitrile	210	0.5	ug/L	200	3.3	104	86-124	3.01	20	
Benzene	22	0.2	ug/L	20.0	0.3	110	87-122	1.14	20	
Bromodichloromethane	23	0.2	ug/L	20.0	ND	113	84-130	6.48	20	
Bromoform	25	0.1	ug/L	20.0	ND	123	76-134	7.56	20	
Bromomethane	16	0.2	ug/L	20.0	ND	81.6	64-147	2.11	20	
Carbon Disulfide	22	0.1	ug/L	20.0	ND	111	71-139	0.0402	20	
Carbon Tetrachloride	25	0.2	ug/L	20.0	ND	125	80-120	8.62	20	
Chlorobenzene	23	0.2	ug/L	20.0	ND	117	87-124	1.73	20	
Chloroethane	20	0.07	ug/L	20.0	ND	99.4	61-140	0.924	20	
Chloroform	23	0.2	ug/L	20.0	ND	115	88-121	0.0252	20	
Chloromethane	19	0.1	ug/L	20.0	ND	93.0	69-126	2.89	20	
cis-1,2-Dichloroethene	20	0.1	ug/L	20.0	0.3	99.2	96-116	0.143	20	
cis-1,3-Dichloropropene	20	0.2	ug/L	20.0	ND	102	80-129	1.83	20	
Dibromochloromethane	23	0.2	ug/L	20.0	ND	113	81-130	7.59	20	
Surrogate: Dibromofluoromethane	*21*		ug/L	*20.0*		*107*	*81-130*			
Ethylbenzene	24	0.2	ug/L	20.0	ND	120	85-134	0.799	20	
m/p-Xylene	46	0.4	ug/L	40.0	0.5	114	93-120	0.0508	20	
Methyl tert-butyl ether	21	0.2	ug/L	20.0	ND	105	50-150	1.30	20	
Methylene Chloride	20	0.1	ug/L	20.0	1.5	92.2	79-119	5.26	20	
o-Xylene	25	0.2	ug/L	20.0	ND	124	80-120	3.46	20	
Styrene	24	0.2	ug/L	20.0	ND	121	78-129	0.742	20	
Tetrachloroethene	25	0.2	ug/L	20.0	ND	126	81-126	5.76	20	
Toluene	22	0.1	ug/L	20.0	0.2	110	87-127	0.0853	20	
Surrogate: Toluene-d8	*21*		ug/L	*20.0*		*103*	*82-127*			

Center for Urban Waters - Environmental Services Lab

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

Reviewed By

VOA - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1315018 - Volatile Organics No-Prep										
Matrix Spike Dup (1315018-MSD1)	Source: T304010-08			Prepared & Analyzed: 10-Apr-13						
trans-1,2-Dichloroethene	23	0.1	ug/L	20.0	ND	117	85-120	0.108	20	
trans-1,3-Dichloropropene	23	0.1	ug/L	20.0	ND	113	82-130	6.14	20	
Trichloroethene	24	0.07	ug/L	20.0	ND	119	84-123	1.45	20	
Trichlorofluoromethane	22	0.2	ug/L	20.0	ND	112	80-120	2.56	20	
Vinyl Acetate	19	0.2	ug/L	20.0	ND	95.0	63-133	0.0963	20	
Vinyl Chloride	21	0.1	ug/L	20.0	ND	104	68-127	1.32	20	

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.

Reviewed By

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	29-Apr-13 14:09

Notes and Definitions

UJ	Analyte not detected at or above the associated estimated value
J	The result is an estimated concentration.
U	Analyte Not Detected at or above the associated value
UJ	Analyte Not Detected at or above the associated estimated value
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

CHAIN OF CUSTODY

City of Tacoma Environmental Services
326 East D Street
Tacoma
WA, 98421-1801
phone (253) 502-2130
fax (253) 502-2170

COC Number

Lab Work Order Number T304010

Client Name: PW Science and Engineering	Project Name: Sauro Property RIFS
Client Contact: Calvin Taylor	Project Number: CIP-00020-01-03
Address: 326 East D Street	Project Description: Sauro Property Monitoring Wells
City: Tacoma	PO Number: 61000055543
State/Zip: WA, 98421	Sampler Signatures: Bill Essmeier
Phone: (253) 593-7711 / Fax: (253) 502-2295	
Samplers: Bill Essmeier, Chelsea Kettinger	

Requested Turn Around: Rush requests subject to additional charge. Rush requests subject to lab approval. Standard (days) | Expedited (days) | Due Date

Sample Name or Field ID #	Sampled Date	Sampled Time	Sample Type Code	Matrix Code	Container Count	Field Measurement	EPA 8260C							Sample #	Sample Comments
Trip Blank	4/2/2013	1000	G	W	3		3							-01	
MW1-PP	4/2/2013	1145	G	W	3	x	3							-02	
MW2-PP	4/2/2013	1200	G	W	3	x	3							-03	
MW13-(51.5)	4/2/2013	1235	G	W	3	x	3							-04	
LAI-MW1-(63)	4/2/2013	1305	G	W	3	x	3							-05	
LAI-MW2-(65)	4/2/2013	1247	G	W	3	x	3							-06	
LAI-MW3-(75)	4/2/2013	1300	G	W	3	x	3							-07	
LAI-MW4-(25)	4/2/2013	1318	G	W	6	x	6							-08	QC sample
LAI-MW5-(42)	4/2/2013	1213	G	W	3	x	3							-09	
LAI-MW5-(50)	4/2/2013	1215	G	W	3	x	3							-10	
RNS-MW2-(21.5)	4/2/2013	1205	G	W	3	x	3							-11	
RNS-MW2-(38.5)	4/2/2013	1207	G	W	3	x	3							-12	

Relinquished By	Received By	Date/Time
	Bill Essmeier	4-1-13 1400
Relinquished By	Received By	Date/Time
Relinquished By	Received By	Date/Time
Cooler Numbers and Temperatures		

Comments

Matrix Codes: W=Water

Preserv. Codes:

Login Reviewed By: _____

Login Reviewed Date: 4/2/13

CHAIN OF CUSTODY

City of Tacoma Environmental Services
326 East D Street
Tacoma
WA, 98421-1801
phone (253) 502-2130
fax (253) 502-2170

COC Number

Lab Work Order Number T304010

Client Name: PW Science and Engineering	Project Name: Sauro Property RIFS
Client Contact: Calvin Taylor	Project Number: CIP-00020-01-03
Address: 326 East D Street	Project Description: Sauro Property Monitoring Wells
City: Tacoma	PO Number: 61000055543
State/Zip: WA, 98421	Sampler Signatures: Bill Essmeier
Phone: (253) 593-7711 / Fax: (253) 502-2295	
Samplers: Bill Essmeier, Chelsea K	

Requested Turn Around: Rush requests subject to additional charge. Rush requests subject to lab approval. Standard (days): Expedited (days): Due Date:

Sample Name or Field ID #	Sampled Date	Sampled Time	Sample Type Code	Matrix Code	Container Count	Field Measurement	EPA 8260C								Sample #	Sample Comments
RNS-MW6-(42.5)	4/2/2013	1222	G	W	3	X	3								-13	
RNS-MW6-(52.5)	4/2/2013	1225	G	W	3	X	3								-14	
LAI-MW3 DUP	4/2/2013	1301	G	W	3		3								-15	

Relinquished By	Received By: Bill Essmeier	Date/Time: 4-2-13 1400
Relinquished By	Received By	Date/Time
Relinquished By	Received By	Date/Time
Cooler Numbers and Temperatures		

Comments

Matrix Codes: W=Water

Preserv. Codes:

Login Reviewed By: _____

Login Reviewed Date: 4/2/13

Sauro Property Field data

T304010
b1314034

Well	Level	Date	Time	Notes
Trip Blank		4-2-13	~~1400~~ 1000	BE -01
MW1-PP	16.30	4-2-13	1145	3 vials -02
Pre-sample purge	16.27	4-1-13	1500	Pre-sample purge, 2350 mL done
MW2-PP	15.38	4-2-13	1200	3 vials -03
Pre-sample purge	15.27	4-1-13	1515	Pre-sample purge, 870 mL done
MW13-(51.5)	39.18	4-2-13	1235	3 vials -04
LAI-MW1-(63)	45.50	4-2-13	1305	3 vials -05
LAI-MW2-(65)	44.33	4-2-13	1247	3 vials -06
LAI-MW3-(75) DUP	51.81	4-2-13	1300	6 vials -07
LAI-MW4-(25) QC	12.05	4-2-13	1318	6 vials -08
LAI-MW5-(42)	24.05	4-2-13	1213	3 vials -09
LAI-MW5-(50)	24.05	4-2-13	1215	3 vials -10
RNS-MW2-(21.5)	16.44	4-2-13	1205	3 vials -11
RNS-MW2-(38.5)	16.44	4-2-13	1207	3 vials -12
RNS-MW6-(42.5)	38.98	4-2-13	1222	3 vials -13
RNS-MW6-(52.5)	38.98	4-2-13	1225	3 vials -14
LAI-MW3 - DUP	51.81	4-2-13	1301	DUP -15
LAI MW4 - (25)	12.05	4-2-13	1318	QC 6 vials

City of Tacoma
Environmental Services Laboratory

03 May 2013

Calvin Taylor
PW Science and Engineering
326 East D Street
Tacoma, WA 98421

Subject: Sauro Property MNA

Enclosed are the analytical results for samples collected between 04/11/2013 and 04/12/2013.

Quality Control Data are included with the sample results for your review.

If you have any questions concerning this report, call me at (253)502-2130. Please note that remaining samples associated with this report will be discarded 3 months from the date of this report unless we are notified otherwise.

Sincerely,

Stuart Magoon
Assistant Division Manager
Environmental Services Laboratory

cc.

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-May-13 09:56

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled
LAI-MW1	T304030-01	Water	12-Apr-13 14:35
LAI-MW2	T304030-02	Water	12-Apr-13 13:00
LAI-MW3	T304030-03	Water	12-Apr-13 13:50
LAI-MW4	T304030-04	Water	12-Apr-13 09:50
LAI-MW5	T304030-05	Water	12-Apr-13 10:55
MW1-PP	T304030-06	Water	11-Apr-13 12:35
MW2-PP	T304030-07	Water	11-Apr-13 12:05
MW13	T304030-08	Water	11-Apr-13 14:45
RNS-MW2	T304030-09	Water	11-Apr-13 11:35
RNS-MW6	T304030-10	Water	11-Apr-13 15:40
RNS-MW7	T304030-11	Water	11-Apr-13 16:20
MW13-DUP	T304030-12	Water	11-Apr-13 14:48
Trip Blank	T304030-13	Water	11-Apr-13 11:00

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CHAIN OF CUSTODY

The samples were received under appropriate Chain of Custody procedures.

SAMPLE RECEIPT, PRESERVATION AND STORAGE

Samples were properly preserved and stored in accordance with the applicable method requirements.

HOLDING TIMES

All analyses were performed within the required holding times, except for Nitrate and Nitrite 353.2, which were analyzed one day after the 48 hour limit. These analytes are qualified as estimated (J).The analysis for Field Parameters took place as soon as the samples were composited.

METHODS

The samples were analyzed by the following methods:

Standard Methods 4500-SO4 E
Standard Methods 4500-S2D
Standard Methods 5310B
Standard Methods 4500-Cl-E
EPA Method RSK-175 (MEEA)
EPA Method Nitrate 353.2
EPA Method Nitrite 353.2
Field Specific Conductivity
Oxydation Reduction Potential
Iron, Ferrous Hach Field Kit
Dissolved Oxygen, Field
pH, Field
Temperature, Field
Turbidity, Field
Water Level

CONTRACT LABS

The samples were sent to TestAmerica for analysis of methane, ethane, ethene and acetylene (MEEA) by EPA method RSK-175.

MINIMUM REPORTING LIMITS

All analytes are reported to the Method Detection Limit (MDL). Values below the PQL are qualified as estimated (J) and may not be as precise as values reported greater than the PQL (the low standard or 3 - 5 times the MDL). Reporting limit goals were 5 ug/L for methane and 1 ug/L for ethane, ethane and acetylene. Requested reporting limits were 5 ug/L for methane and 1 ug/L for ethane, ethylene and acetylene. The TestAmerica reporting limit was 5 ug/L for all four compounds.

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.

Reviewed By

METHOD BLANKS

Method blanks were analyzed at the required frequencies of the methods. There was a minimum of one Method Blank for each analytical method. Blank values were less than the Practical Quantitation Limits or sample concentrations were greater than 5 times the blank values. No data is qualified.

SURROGATE COMPOUNDS

Surrogate compounds were added to each sample to monitor system performance. Surrogate recoveries were within the control limits.

LABORATORY CONTROL SAMPLES

Laboratory Control Samples were analyzed with these samples for all parameters. The recoveries for all associated LCS were within the laboratory limits.

DUPLICATE SAMPLE ANALYSIS

Duplicate analysis was performed with these samples. Relative percent differences were within the laboratory or project limits.

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE ANALYSIS

Matrix Spike and/or Matrix Spike Duplicate analysis was performed with these samples. The recoveries were within the laboratory control limits.

DATA AVAILABILITY

All data associated with the samples referenced in this report are archived at the Environmental Services Laboratory and are available upon request.

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-May-13 09:56

LAI-MW1
T304030-01 (Water)
12-Apr-13 14:35

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
CONVENTIONAL							
Chloride	**44.3**	1.00	0.076	mg/L	17-Apr-13	17-Apr-13	SM 4500-Cl⁻ E
Nitrate as N	**1.03 Ja**	0.010	0.008	mg/L	16-Apr-13	16-Apr-13	EPA 353.2
Nitrite as N	**0.0109**	0.0100	0.0037	mg/L	15-Apr-13	15-Apr-13	353.2
Total Organic Carbon	**3.40**	1.00	0.22	mg/L	19-Apr-13	19-Apr-13	SM 5310 B
Sulfate	**22.4**	5.0	0.6	mg/L	17-Apr-13	17-Apr-13	SM 4500-SO4 E
Sulfide	0.009 U	0.150	0.009	mg/L	16-Apr-13	16-Apr-13	SM 4500-S2D
FIELD							
Conductivity	**829**	2.00	0.420	uS/cm		24-Apr-13	SM 2510 B
Dissolved oxygen	**2.20**	0.100	0.100	mg/L		24-Apr-13	SM 4500-O G
Fe(II)	0.030 U	0.030	0.030	mg/L		24-Apr-13	HACH 8131
Oxidation/Reduction Potential	**1.40**			mV		24-Apr-13	SM 2580 B
pH	**8.34**	0.100		pH Units		24-Apr-13	SM 4500-H+ B
Temperature	**57.3**	0.00		°F		24-Apr-13	EPA 170.1
Turbidity	**18.1**	10.0	0.17	NTU		24-Apr-13	SM 2310 B
Water Level	**44.31**	0.00		Feet		24-Apr-13	Field Measurement

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Reviewed By

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-May-13 09:56

MW13-DUP
T304030-12 (Water)
11-Apr-13 14:48

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
RSK-175							
Acetylene	0.0034 U	0.0050	0.0034	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Ethane	0.0025 U	0.0050	0.0025	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Ethylene	0.0025 U	0.0050	0.0025	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Methane	**0.0063**	0.0050	0.0025	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Surrogate: Acetylene (Surr)		*101 %*	*62-124*			*19-Apr-13*	*RSK_175 Dissolved Gases (GC)*

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.

Reviewed By

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-May-13 09:56

Trip Blank
T304030-13 (Water)
11-Apr-13 11:00

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
RSK-175							
Acetylene	0.0034 U	0.0050	0.0034	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Ethane	0.0025 U	0.0050	0.0025	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Ethylene	0.0025 U	0.0050	0.0025	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Methane	0.0025 U	0.0050	0.0025	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Surrogate: Acetylene (Surr)		*97 %*	*62-124*			*19-Apr-13*	*RSK_175 Dissolved Gases (GC)*

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-May-13 09:56

CONVENTIONAL - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1316026 - Conventionals No-Prep										
Blank (1316026-BLK1)				Prepared & Analyzed: 15-Apr-13						
Nitrite as N	0.0037 U	0.0037	mg/L							
Duplicate (1316026-DUP1)		Source: T304030-01		Prepared & Analyzed: 15-Apr-13						
Nitrite as N	**0.0100**	**0.0037**	**mg/L**		**0.0109**			**9**	**35**	
Matrix Spike (1316026-MS1)		Source: T304030-01		Prepared & Analyzed: 15-Apr-13						
Nitrite as N	**1.12**	**0.0037**	**mg/L**	**1.00**	**0.0109**	**111**	**70-130**			
Reference (1316026-SRM1)				Prepared & Analyzed: 15-Apr-13						
Nitrite as N	**0.850**	**0.0037**	**mg/L**	**0.779**		**109**	**90-110**			
Batch 1316027 - Conventionals No-Prep										
Blank (1316027-BLK1)				Prepared & Analyzed: 16-Apr-13						
Nitrate as N	0.008 U	0.008	mg/L							
LCS (1316027-BS1)				Prepared & Analyzed: 16-Apr-13						
Nitrate as N	**0.736**	**0.008**	**mg/L**	**0.896**		**82**	**80-120**			
Duplicate (1316027-DUP1)		Source: T304030-01		Prepared & Analyzed: 16-Apr-13						
Nitrate as N	**1.01**	**0.008**	**mg/L**		**1.03**			**2**	**35**	
Batch 1316035 - Conventionals No-Prep										
Blank (1316035-BLK1)				Prepared & Analyzed: 16-Apr-13						
Sulfide	0.009 U	0.009	mg/L							

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.

Reviewed By

CONVENTIONAL - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1316035 - Conventionals No-Prep										
LCS (1316035-BS1)				Prepared & Analyzed: 16-Apr-13						
Sulfide	**2.09**	**0.009**	**mg/L**	**2.00**		**105**	**50-130**			
Duplicate (1316035-DUP1)		**Source: T304030-01**		Prepared & Analyzed: 16-Apr-13						
Sulfide	0.009 U	0.009	mg/L		ND				20	
Matrix Spike (1316035-MS1)		**Source: T304030-01**		Prepared & Analyzed: 16-Apr-13						
Sulfide	**0.948**	**0.009**	**mg/L**	**1.00**	**ND**	**95**	**50-130**			
Batch 1316047 - Conventionals No-Prep										
Blank (1316047-BLK1)				Prepared & Analyzed: 17-Apr-13						
Chloride	**0.916 Ja**	**0.076**	**mg/L**							
LCS (1316047-BS1)				Prepared & Analyzed: 17-Apr-13						
Chloride	**16.1**	**0.076**	**mg/L**	**17.8**		**90**	**80-120**			
Duplicate (1316047-DUP1)		**Source: T304030-01**		Prepared & Analyzed: 17-Apr-13						
Chloride	**44.3**	**0.076**	**mg/L**		**44.3**			**0**	**30**	
Matrix Spike (1316047-MS1)		**Source: T304030-01**		Prepared & Analyzed: 17-Apr-13						
Chloride	**65.4**	**0.076**	**mg/L**	**20.0**	**44.3**	**106**	**75-125**			
Batch 1316049 - Conventionals No-Prep										
Blank (1316049-BLK1)				Prepared & Analyzed: 17-Apr-13						
Sulfate	0.6 U	0.6	mg/L							

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-May-13 09:56

CONVENTIONAL - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1316049 - Conventionals No-Prep										
LCS (1316049-BS1)				Prepared & Analyzed: 17-Apr-13						
Sulfate	**56.9**	**0.6**	**mg/L**	**55.8**		**102**	**70-130**			
Duplicate (1316049-DUP1)		**Source: T304030-01**		Prepared & Analyzed: 17-Apr-13						
Sulfate	**23.0**	**0.6**	**mg/L**		**22.4**			**3**	**20**	
Matrix Spike (1316049-MS1)		**Source: T304030-01**		Prepared & Analyzed: 17-Apr-13						
Sulfate	**42.3**	**0.6**	**mg/L**	**20.0**	**22.4**	**100**	**75-125**			
Batch 1316078 - Comb./IR										
Blank (1316078-BLK1)				Prepared & Analyzed: 19-Apr-13						
Total Organic Carbon	0.22 U	0.22	mg/L							
LCS (1316078-BS1)				Prepared & Analyzed: 19-Apr-13						
Total Organic Carbon	**10.8**	**0.22**	**mg/L**	**10.0**		**108**	**85-115**			
Duplicate (1316078-DUP1)		**Source: T304030-01**		Prepared & Analyzed: 19-Apr-13						
Total Organic Carbon	**3.61**	**0.22**	**mg/L**		**3.40**			**6**	**200**	
Matrix Spike (1316078-MS1)		**Source: T304030-01**		Prepared & Analyzed: 19-Apr-13						
Total Organic Carbon	**22.0**	**0.22**	**mg/L**	**20.0**	**3.40**	**93**	**80-120**			

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.

Reviewed By

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-May-13 09:56

RSK-175 - Quality Control

TestAmerica Nashville

Sample ID / Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 73787 -										
MS (580-38035-11 MS)		**Source: T304030-11**		Prepared:	Analyzed: 19-Apr-13					
Acetylene	**0.394**	**0.0034**	**mg/L**	**0.450**		**87**	**70-130**			
Ethane	**0.441**	**0.0025**	**mg/L**	**0.513**		**86**	**71-120**			
Ethylene	**0.411**	**0.0025**	**mg/L**	**0.479**		**86**	**71-120**			
Methane	**0.229**	**0.0025**	**mg/L**	**0.273**		**84**	**46-142**			
MSD (580-38035-11 MSD)		**Source: T304030-11**		Prepared:	Analyzed: 19-Apr-13					
Acetylene	**0.416**	**0.0034**	**mg/L**	**0.450**		**92**	**70-130**	**6**	**30**	
Ethane	**0.485**	**0.0025**	**mg/L**	**0.513**		**95**	**71-120**	**10**	**30**	
Ethylene	**0.445**	**0.0025**	**mg/L**	**0.479**		**93**	**71-120**	**8**	**30**	
Methane	**0.252**	**0.0025**	**mg/L**	**0.273**		**92**	**46-142**	**10**	**30**	
LCS (LCS 490-73787/75)				Prepared:	Analyzed: 19-Apr-13					
Acetylene	**0.434**	**0.0034**	**mg/L**	**0.450**		**96**	**80-120**			
Ethane	**0.497**	**0.0025**	**mg/L**	**0.513**		**97**	**80-120**			
Ethylene	**0.462**	**0.0025**	**mg/L**	**0.479**		**96**	**80-120**			
Methane	**0.260**	**0.0025**	**mg/L**	**0.273**		**95**	**80-120**			
LCSD (LCSD 490-73787/76)				Prepared:	Analyzed: 19-Apr-13					
Acetylene	**0.416**	**0.0034**	**mg/L**	**0.450**		**92**	**80-120**	**4**	**33**	
Ethane	**0.496**	**0.0025**	**mg/L**	**0.513**		**97**	**80-120**	**0**	**30**	
Ethylene	**0.454**	**0.0025**	**mg/L**	**0.479**		**95**	**80-120**	**2**	**29**	
Methane	**0.259**	**0.0025**	**mg/L**	**0.273**		**95**	**80-120**	**0**	**33**	
MB (MB 490-73787/74)				Prepared:	Analyzed: 19-Apr-13					
Acetylene	0.0034 U	0.0034	mg/L				-			
Surrogate: Acetylene (Surr)	*0.000*		mg/L				-			
Ethane	0.0025 U	0.0025	mg/L				-			
Ethylene	0.0025 U	0.0025	mg/L				-			
Methane	0.0025 U	0.0025	mg/L				-			

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Reviewed By

RSK-175 - Quality Control

TestAmerica Nashville

Sample ID / Analyte	Result	MDL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 73787 -										
MB (MB 490-73787/92)				Prepared: Analyzed: 19-Apr-13						
Acetylene	0.0034 U	0.0034	mg/L				-			
Surrogate: Acetylene (Surr)	*0.453*		mg/L	*0.450*		*101*	*62-124*			
Ethane	0.0025 U	0.0025	mg/L				-			
Ethylene	0.0025 U	0.0025	mg/L				-			
Methane	0.0025 U	0.0025	mg/L				-			

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-May-13 09:56

LAI-MW2
T304030-02 (Water)
12-Apr-13 13:00

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
CONVENTIONAL							
Chloride	**10.0**	1.00	0.076	mg/L	17-Apr-13	17-Apr-13	SM 4500-Cl⁻ E
Nitrate as N	0.008 UJa	0.010	0.008	mg/L	16-Apr-13	16-Apr-13	EPA 353.2
Nitrite as N	**0.0575**	0.0100	0.0037	mg/L	15-Apr-13	15-Apr-13	353.2
Total Organic Carbon	**4.11**	1.00	0.22	mg/L	19-Apr-13	19-Apr-13	SM 5310 B
Sulfate	**17.5**	5.0	0.6	mg/L	17-Apr-13	17-Apr-13	SM 4500-SO4 E
Sulfide	0.009 U	0.150	0.009	mg/L	16-Apr-13	16-Apr-13	SM 4500-S2D
FIELD							
Conductivity	**744**	2.00	0.420	uS/cm		24-Apr-13	SM 2510 B
Dissolved oxygen	**2.80**	0.100	0.100	mg/L		24-Apr-13	SM 4500-O G
Fe(II)	**0.280**	0.120	0.120	mg/L		24-Apr-13	HACH 8131
Oxidation/Reduction Potential	**-28.9**			mV		24-Apr-13	SM 2580 B
pH	**8.48**	0.100		pH Units		24-Apr-13	SM 4500-H+ B
Temperature	**56.4**	0.00		°F		24-Apr-13	EPA 170.1
Turbidity	**326**	10.0	0.17	NTU		24-Apr-13	SM 2310 B
Water Level	**44.18**	0.00		Feet		24-Apr-13	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-May-13 09:56

LAI-MW3
T304030-03 (Water)
12-Apr-13 13:50

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
CONVENTIONAL							
Chloride	**13.8**	1.00	0.076	mg/L	17-Apr-13	17-Apr-13	SM 4500-Cl⁻ E
Nitrate as N	**0.416 Ja**	0.010	0.008	mg/L	16-Apr-13	16-Apr-13	EPA 353.2
Nitrite as N	**0.0184**	0.0100	0.0037	mg/L	15-Apr-13	15-Apr-13	353.2
Total Organic Carbon	**6.35**	1.00	0.22	mg/L	19-Apr-13	19-Apr-13	SM 5310 B
Sulfate	**24.1**	5.0	0.6	mg/L	17-Apr-13	17-Apr-13	SM 4500-SO4 E
Sulfide	**0.069 Ja**	0.150	0.009	mg/L	16-Apr-13	16-Apr-13	SM 4500-S2D
FIELD							
Conductivity	**978**	2.00	0.420	uS/cm		24-Apr-13	SM 2510 B
Dissolved oxygen	**3.77**	0.100	0.100	mg/L		24-Apr-13	SM 4500-O G
Fe(II)	**0.160**	0.030	0.030	mg/L		24-Apr-13	HACH 8131
Oxidation/Reduction Potential	**-7.10**			mV		24-Apr-13	SM 2580 B
pH	**8.60**	0.100		pH Units		24-Apr-13	SM 4500-H+ B
Temperature	**55.0**	0.00		°F		24-Apr-13	EPA 170.1
Turbidity	**108**	10.0	0.17	NTU		24-Apr-13	SM 2310 B
Water Level	**50.68**	0.00		Feet		24-Apr-13	Field Measurement

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PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-May-13 09:56

LAI-MW4
T304030-04 (Water)
12-Apr-13 09:50

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
CONVENTIONAL							
Chloride	**31.3**	1.00	0.076	mg/L	17-Apr-13	17-Apr-13	SM 4500-Cl⁻ E
Nitrate as N	0.008 UJa	0.010	0.008	mg/L	16-Apr-13	16-Apr-13	EPA 353.2
Nitrite as N	**0.0319**	0.0100	0.0037	mg/L	15-Apr-13	15-Apr-13	353.2
Total Organic Carbon	**6.73**	1.00	0.22	mg/L	19-Apr-13	19-Apr-13	SM 5310 B
Sulfate	**6.9**	5.0	0.6	mg/L	17-Apr-13	17-Apr-13	SM 4500-SO4 E
Sulfide	0.009 U	0.150	0.009	mg/L	16-Apr-13	16-Apr-13	SM 4500-S2D
FIELD							
Conductivity	**1190**	2.00	0.420	uS/cm		24-Apr-13	SM 2510 B
Dissolved oxygen	**1.86**	0.100	0.100	mg/L		24-Apr-13	SM 4500-O G
Fe(II)	**5.55**	0.150	0.150	mg/L		24-Apr-13	HACH 8131
Oxidation/Reduction Potential	**-87.3**			mV		24-Apr-13	SM 2580 B
pH	**8.60**	0.100		pH Units		24-Apr-13	SM 4500-H+ B
Temperature	**55.3**	0.00		°F		24-Apr-13	EPA 170.1
Turbidity	**7.69**	10.0	0.17	NTU		24-Apr-13	SM 2310 B
Water Level	**11.60**	0.00		Feet		24-Apr-13	Field Measurement

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PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: **CIP-00020-01-03**	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-May-13 09:56

LAI-MW5

T304030-05 (Water)

12-Apr-13 10:55

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
CONVENTIONAL							
Chloride	**57.5**	1.00	0.076	mg/L	17-Apr-13	17-Apr-13	SM 4500-Cl⁻ E
Nitrate as N	0.008 UJa	0.010	0.008	mg/L	16-Apr-13	16-Apr-13	EPA 353.2
Nitrite as N	**0.138**	0.0100	0.0037	mg/L	15-Apr-13	15-Apr-13	353.2
Total Organic Carbon	**10.5**	1.00	0.22	mg/L	19-Apr-13	19-Apr-13	SM 5310 B
Sulfate	**13.6**	5.0	0.6	mg/L	17-Apr-13	17-Apr-13	SM 4500-SO4 E
Sulfide	**0.131 Ja**	0.150	0.009	mg/L	16-Apr-13	16-Apr-13	SM 4500-S2D
FIELD							
Conductivity	**1090**	2.00	0.420	uS/cm		24-Apr-13	SM 2510 B
Dissolved oxygen	**2.00**	0.100	0.100	mg/L		24-Apr-13	SM 4500-O G
Fe(II)	**10.0**	0.120	0.120	mg/L		24-Apr-13	HACH 8131
Oxidation/Reduction Potential	**-64.9**			mV		24-Apr-13	SM 2580 B
pH	**8.37**	0.100		pH Units		24-Apr-13	SM 4500-H+ B
Temperature	**58.5**	0.00		°F		24-Apr-13	EPA 170.1
Turbidity	**692**	40.0	0.68	NTU		24-Apr-13	SM 2310 B
Water Level	**23.40**	0.00		Feet		24-Apr-13	Field Measurement

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PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-May-13 09:56

MW1-PP
T304030-06 (Water)
11-Apr-13 12:35

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
CONVENTIONAL							
Chloride	**44.1**	1.00	0.076	mg/L	17-Apr-13	17-Apr-13	SM 4500-Cl⁻ E
Nitrate as N	0.008 UJa	0.010	0.008	mg/L	16-Apr-13	16-Apr-13	EPA 353.2
Nitrite as N	**0.111**	0.0100	0.0037	mg/L	15-Apr-13	15-Apr-13	353.2
Total Organic Carbon	**11.2**	1.00	0.22	mg/L	19-Apr-13	19-Apr-13	SM 5310 B
Sulfate	**65.4**	5.0	0.6	mg/L	17-Apr-13	17-Apr-13	SM 4500-SO4 E
Sulfide	0.009 U	0.150	0.009	mg/L	16-Apr-13	16-Apr-13	SM 4500-S2D
FIELD							
Conductivity	**1690**	2.00	0.420	uS/cm		24-Apr-13	SM 2510 B
Dissolved oxygen	**1.90**	0.100	0.100	mg/L		24-Apr-13	SM 4500-O G
Fe(II)	**16.8**	0.300	0.300	mg/L		24-Apr-13	HACH 8131
Oxidation/Reduction Potential	**-49.7**			mV		24-Apr-13	SM 2580 B
pH	**8.10**	0.100		pH Units		24-Apr-13	SM 4500-H+ B
Temperature	**54.8**	0.00		°F		24-Apr-13	EPA 170.1
Turbidity	**10.3**	10.0	0.17	NTU		24-Apr-13	SM 2310 B
Water Level	**15.66**	0.00		Feet		24-Apr-13	Field Measurement

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PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-May-13 09:56

MW2-PP
T304030-07 (Water)
11-Apr-13 12:05

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
CONVENTIONAL							
Chloride	**99.4**	2.00	0.151	mg/L	17-Apr-13	17-Apr-13	SM 4500-Cl⁻ E
Nitrate as N	**2.03 Ja**	0.010	0.008	mg/L	16-Apr-13	16-Apr-13	EPA 353.2
Nitrite as N	**0.0167**	0.0100	0.0037	mg/L	15-Apr-13	15-Apr-13	353.2
Total Organic Carbon	**8.37**	1.00	0.22	mg/L	19-Apr-13	19-Apr-13	SM 5310 B
Sulfate	**27.7**	5.0	0.6	mg/L	17-Apr-13	17-Apr-13	SM 4500-SO4 E
Sulfide	**0.053 Ja**	0.150	0.009	mg/L	16-Apr-13	16-Apr-13	SM 4500-S2D
FIELD							
Conductivity	**1170**	2.00	0.420	uS/cm		24-Apr-13	SM 2510 B
Dissolved oxygen	**4.00**	0.100	0.100	mg/L		24-Apr-13	SM 4500-O G
Fe(II)	0.030 U	0.030	0.030	mg/L		24-Apr-13	HACH 8131
Oxidation/Reduction Potential	**47.6**			mV		24-Apr-13	SM 2580 B
pH	**7.54**	0.100		pH Units		24-Apr-13	SM 4500-H+ B
Temperature	**55.9**	0.00		°F		24-Apr-13	EPA 170.1
Turbidity	**28.5**	10.0	0.17	NTU		24-Apr-13	SM 2310 B
Water Level	**15.90**	0.00		Feet		24-Apr-13	Field Measurement

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PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-May-13 09:56

MW13
T304030-08 (Water)
11-Apr-13 14:45

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
CONVENTIONAL							
Chloride	**8.16**	1.00	0.076	mg/L	17-Apr-13	17-Apr-13	SM 4500-Cl⁻ E
Nitrate as N	**0.869 Ja**	0.010	0.008	mg/L	16-Apr-13	16-Apr-13	EPA 353.2
Nitrite as N	**0.0709**	0.0100	0.0037	mg/L	15-Apr-13	15-Apr-13	353.2
Total Organic Carbon	**5.78**	1.00	0.22	mg/L	19-Apr-13	19-Apr-13	SM 5310 B
Sulfate	**33.1**	5.0	0.6	mg/L	17-Apr-13	17-Apr-13	SM 4500-SO4 E
Sulfide	0.009 U	0.150	0.009	mg/L	16-Apr-13	16-Apr-13	SM 4500-S2D
FIELD							
Conductivity	**978**	2.00	0.420	uS/cm		24-Apr-13	SM 2510 B
Dissolved oxygen	**1.48**	0.100	0.100	mg/L		24-Apr-13	SM 4500-O G
Fe(II)	**0.550**	0.150	0.150	mg/L		24-Apr-13	HACH 8131
Oxidation/Reduction Potential	**-0.800**			mV		24-Apr-13	SM 2580 B
pH	**8.12**	0.100		pH Units		24-Apr-13	SM 4500-H+ B
Temperature	**58.8**	0.00		°F		24-Apr-13	EPA 170.1
Turbidity	**2150**	50.0	0.85	NTU		24-Apr-13	SM 2310 B
Water Level	**39.08**	0.00		Feet		24-Apr-13	Field Measurement

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PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-May-13 09:56

RNS-MW2
T304030-09 (Water)
11-Apr-13 11:35

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
CONVENTIONAL							
Chloride	**25.8**	1.00	0.076	mg/L	17-Apr-13	17-Apr-13	SM 4500-Cl⁻ E
Nitrate as N	**2.17 Ja**	0.010	0.008	mg/L	16-Apr-13	16-Apr-13	EPA 353.2
Nitrite as N	**0.234**	0.0100	0.0037	mg/L	15-Apr-13	15-Apr-13	353.2
Total Organic Carbon	**3.65**	1.00	0.22	mg/L	19-Apr-13	19-Apr-13	SM 5310 B
Sulfate	**37.0**	5.0	0.6	mg/L	17-Apr-13	17-Apr-13	SM 4500-SO4 E
Sulfide	0.009 U	0.150	0.009	mg/L	16-Apr-13	16-Apr-13	SM 4500-S2D
FIELD							
Conductivity	**708**	2.00	0.420	uS/cm		24-Apr-13	SM 2510 B
Dissolved oxygen	**8.60**	0.100	0.100	mg/L		24-Apr-13	SM 4500-O G
Fe(II)	**0.150**	0.030	0.030	mg/L		24-Apr-13	HACH 8131
Oxidation/Reduction Potential	**134**			mV		24-Apr-13	SM 2580 B
pH	**7.08**	0.100		pH Units		24-Apr-13	SM 4500-H+ B
Temperature	**54.4**	0.00		°F		24-Apr-13	EPA 170.1
Turbidity	**828**	10.0	0.17	NTU		24-Apr-13	SM 2310 B
Water Level	**15.82**	0.00		Feet		24-Apr-13	Field Measurement

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PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-May-13 09:56

RNS-MW6
T304030-10 (Water)
11-Apr-13 15:40

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
CONVENTIONAL							
Chloride	**18.3**	1.00	0.076	mg/L	17-Apr-13	17-Apr-13	SM 4500-Cl⁻ E
Nitrate as N	**0.206 Ja**	0.010	0.008	mg/L	16-Apr-13	16-Apr-13	EPA 353.2
Nitrite as N	**0.0917**	0.0100	0.0037	mg/L	15-Apr-13	15-Apr-13	353.2
Total Organic Carbon	**8.75**	1.00	0.22	mg/L	19-Apr-13	19-Apr-13	SM 5310 B
Sulfate	**32.8**	5.0	0.6	mg/L	17-Apr-13	17-Apr-13	SM 4500-SO4 E
Sulfide	**0.083 Ja**	0.150	0.009	mg/L	16-Apr-13	16-Apr-13	SM 4500-S2D
FIELD							
Conductivity	**1140**	2.00	0.420	uS/cm		24-Apr-13	SM 2510 B
Dissolved oxygen	**3.12**	0.100	0.100	mg/L		24-Apr-13	SM 4500-O G
Fe(II)	0.150 U	0.150	0.150	mg/L		24-Apr-13	HACH 8131
Oxidation/Reduction Potential	**16.8**			mV		24-Apr-13	SM 2580 B
pH	**8.12**	0.100		pH Units		24-Apr-13	SM 4500-H+ B
Temperature	**57.5**	0.00		°F		24-Apr-13	EPA 170.1
Turbidity	**1120**	50.0	0.85	NTU		24-Apr-13	SM 2310 B
Water Level	**35.86**	0.00		Feet		24-Apr-13	Field Measurement

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PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-May-13 09:56

RNS-MW7
T304030-11 (Water)
11-Apr-13 16:20

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
CONVENTIONAL							
Chloride	**27.6**	1.00	0.076	mg/L	17-Apr-13	17-Apr-13	SM 4500-Cl⁻ E
Nitrate as N	**0.465 Ja**	0.010	0.008	mg/L	16-Apr-13	16-Apr-13	EPA 353.2
Nitrite as N	**0.0576**	0.0100	0.0037	mg/L	15-Apr-13	15-Apr-13	353.2
Total Organic Carbon	**2.95**	1.00	0.22	mg/L	19-Apr-13	19-Apr-13	SM 5310 B
Sulfate	**43.0**	5.0	0.6	mg/L	17-Apr-13	17-Apr-13	SM 4500-SO4 E
Sulfide	0.009 U	0.150	0.009	mg/L	16-Apr-13	16-Apr-13	SM 4500-S2D
FIELD							
Conductivity	**797**	2.00	0.420	uS/cm		24-Apr-13	SM 2510 B
Dissolved oxygen	**0.840**	0.100	0.100	mg/L		24-Apr-13	SM 4500-O G
Fe(II)	**0.250**	0.150	0.150	mg/L		24-Apr-13	HACH 8131
Oxidation/Reduction Potential	**-24.0**			mV		24-Apr-13	SM 2580 B
pH	**8.34**	0.100		pH Units		24-Apr-13	SM 4500-H+ B
Temperature	**57.5**	0.00		°F		24-Apr-13	EPA 170.1
Turbidity	**1190**	50.0	0.85	NTU		24-Apr-13	SM 2310 B
Water Level	**20.70**	0.00		Feet		24-Apr-13	Field Measurement

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PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-May-13 09:56

MW13-DUP
T304030-12 (Water)
11-Apr-13 14:48

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
CONVENTIONAL							
Chloride	**8.63**	1.00	0.076	mg/L	17-Apr-13	17-Apr-13	SM 4500-Cl⁻ E
Nitrate as N	**0.778 Ja**	0.010	0.008	mg/L	16-Apr-13	16-Apr-13	EPA 353.2
Nitrite as N	**0.138**	0.0100	0.0037	mg/L	15-Apr-13	15-Apr-13	353.2
Total Organic Carbon	**7.18**	1.00	0.22	mg/L	19-Apr-13	19-Apr-13	SM 5310 B
Sulfate	**33.6**	5.0	0.6	mg/L	17-Apr-13	17-Apr-13	SM 4500-SO4 E
Sulfide	0.009 U	0.150	0.009	mg/L	16-Apr-13	16-Apr-13	SM 4500-S2D

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.

Reviewed By

LAI-MW1
T304030-01 (Water)
12-Apr-13 14:35

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
RSK-175							
Acetylene	0.0034 U	0.0050	0.0034	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Ethane	0.0025 U	0.0050	0.0025	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Ethylene	0.0025 U	0.0050	0.0025	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Methane	0.0025 U	0.0050	0.0025	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Surrogate: Acetylene (Surr)		*100 %*	*62-124*			*19-Apr-13*	*RSK_175 Dissolved Gases (GC)*

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-May-13 09:56

LAI-MW2
T304030-02 (Water)
12-Apr-13 13:00

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
RSK-175							
Acetylene	0.0034 U	0.0050	0.0034	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Ethane	0.0025 U	0.0050	0.0025	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Ethylene	0.0025 U	0.0050	0.0025	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Methane	**0.043**	0.0050	0.0025	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Surrogate: Acetylene (Surr)		*99 %*	*62-124*			*19-Apr-13*	*RSK_175 Dissolved Gases (GC)*

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: **CIP-00020-01-03**	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-May-13 09:56

LAI-MW3
T304030-03 (Water)
12-Apr-13 13:50

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
RSK-175							
Acetylene	0.0034 U	0.0050	0.0034	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Ethane	0.0025 U	0.0050	0.0025	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Ethylene	0.0025 U	0.0050	0.0025	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Methane	0.0025 U	0.0050	0.0025	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Surrogate: Acetylene (Surr)		*99 %*	*62-124*			*19-Apr-13*	*RSK_175 Dissolved Gases (GC)*

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.

Reviewed By

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-May-13 09:56

LAI-MW4
T304030-04 (Water)
12-Apr-13 09:50

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
RSK-175							
Acetylene	0.0034 U	0.0050	0.0034	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Ethane	0.0025 U	0.0050	0.0025	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Ethylene	0.0025 U	0.0050	0.0025	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Methane	**3.7**	0.050	0.025	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Surrogate: Acetylene (Surr)		*97 %*	*62-124*			*19-Apr-13*	*RSK_175 Dissolved Gases (GC)*

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-May-13 09:56

LAI-MW5
T304030-05 (Water)
12-Apr-13 10:55

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
RSK-175							
Acetylene	0.0034 U	0.0050	0.0034	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Ethane	0.0025 U	0.0050	0.0025	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Ethylene	0.0025 U	0.0050	0.0025	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Methane	**6.6**	0.10	0.050	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Surrogate: Acetylene (Surr)		*96 %*	*62-124*			*19-Apr-13*	*RSK_175 Dissolved Gases (GC)*

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-May-13 09:56

MW1-PP
T304030-06 (Water)
11-Apr-13 12:35

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
RSK-175							
Acetylene	0.0034 U	0.0050	0.0034	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Ethane	0.0025 U	0.0050	0.0025	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Ethylene	0.0025 U	0.0050	0.0025	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Methane	**0.92**	0.025	0.013	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Surrogate: Acetylene (Surr)		*95 %*	*62-124*			*19-Apr-13*	*RSK_175 Dissolved Gases (GC)*

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-May-13 09:56

MW2-PP
T304030-07 (Water)
11-Apr-13 12:05

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
RSK-175							
Acetylene	0.0034 U	0.0050	0.0034	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Ethane	0.0025 U	0.0050	0.0025	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Ethylene	0.0025 U	0.0050	0.0025	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Methane	**0.0043 J**	0.0050	0.0025	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Surrogate: Acetylene (Surr)		*97 %*	*62-124*			*19-Apr-13*	*RSK_175 Dissolved Gases (GC)*

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-May-13 09:56

MW13
T304030-08 (Water)
11-Apr-13 14:45

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
RSK-175							
Acetylene	0.0034 U	0.0050	0.0034	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Ethane	0.0025 U	0.0050	0.0025	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Ethylene	0.0025 U	0.0050	0.0025	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Methane	**0.0065**	0.0050	0.0025	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Surrogate: Acetylene (Surr)		*96 %*	*62-124*			*19-Apr-13*	*RSK_175 Dissolved Gases (GC)*

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-May-13 09:56

RNS-MW2
T304030-09 (Water)
11-Apr-13 11:35

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
RSK-175							
Acetylene	0.0034 U	0.0050	0.0034	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Ethane	0.0025 U	0.0050	0.0025	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Ethylene	0.0025 U	0.0050	0.0025	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Methane	0.0025 U	0.0050	0.0025	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Surrogate: Acetylene (Surr)		*98 %*	*62-124*			*19-Apr-13*	*RSK_175 Dissolved Gases (GC)*

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.

Reviewed By

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-May-13 09:56

RNS-MW6
T304030-10 (Water)
11-Apr-13 15:40

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
RSK-175							
Acetylene	0.0034 U	0.0050	0.0034	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Ethane	**0.0041 J**	0.0050	0.0025	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Ethylene	0.0025 U	0.0050	0.0025	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Methane	**0.036**	0.0050	0.0025	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Surrogate: Acetylene (Surr)		*92 %*	*62-124*			*19-Apr-13*	*RSK_175 Dissolved Gases (GC)*

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.

Reviewed By

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-May-13 09:56

RNS-MW7
T304030-11 (Water)
11-Apr-13 16:20

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
RSK-175							
Acetylene	0.0034 U	0.0050	0.0034	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Ethane	0.0025 U	0.0050	0.0025	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Ethylene	0.0025 U	0.0050	0.0025	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Methane	0.0025 U	0.0050	0.0025	mg/L		19-Apr-13	RSK_175 Dissolved Gases (GC)
Surrogate: Acetylene (Surr)		*96 %*	*62-124*			*19-Apr-13*	*RSK_175 Dissolved Gases (GC)*

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	03-May-13 09:56

Notes and Definitions

Ja	The result is an estimated concentration.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Analyte Not Detected at or above the associated value
UJa	Analyte Not Detected at or above the associated estimated value
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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Form ID No. 0215 — **Sender's Copy**

1 From *Please print and press hard.*

Date 4-16-2013 Sender's FedEx Account Number SENDER'S FEDEX ACCT NUMBER ONLY

Sender's Name Bill Essmeier Phone (253) 591-5588

Company CENTER FOR URBAN WATERS

Address 326 E D ST

Dept/Floor/Suite/Room

City TACOMA State WA ZIP 98421-1801

2 Your Internal Billing Reference First 24 characters will appear on invoice. CIP-00020-01-03 Sauro Property

3 To

Recipient's Name Nate Melody Phone (360) 738-3366

Company WATERRA

Address 5369 US Hwy 97

We cannot deliver to P.O. boxes or P.O. ZIP codes. Dept/Floor/Suite/Room

Address

Use this line for the HOLD location address or for continuation of your shipping address.

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- ☐ FedEx 1Day Freight — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected. CALL 1.800.332.0807 FedEx 1Day Freight Booking No.
- ☐ FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.
- ☐ FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

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Does this shipment contain dangerous goods? One box must be checked.

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CHAIN OF CUSTODY

City of Tacoma Environmental Services
326 East D Street
Tacoma
WA, 98421-1801
phone (253) 502-2130
fax (253) 502-2170

COC Number

Lab Work Order Number T304030

Client Name	Project Name
PW Science and Engineering	Sauro Property MNA
Client Contact	**Project Number**
Calvin Taylor	CIP-00020-01-03
Address	**Project Description**
326 East D Street	Sauro Property Monitoring Wells
City	**PO Number**
Tacoma	61000055543
State/Zip	**Sampler Signatures**
WA, 98421	Bill Essmeier
Phone / **Fax**	
(253) 593-7711 / (253) 502-2295	
Samplers	
Bill Essmeier, CMK	

Requested Analyses

Requested Turn Around: Rush requests subject to additional charge. Rush requests subject to lab approval. Standard (days). Expedited (days). Due Date.

Sample Name or Field ID #	Sampled Date	Sampled Time	Sample Type Code	Matrix Code	Container Count	VOC MEEA	E::SM 4500-SO4 E	353.2::EPA 353.2::SM 4500-Cl⁻	Measurement::HACH 8131::SM	EPA 170.1::Field	SM 5310 B	SM 4500-S2D					Sample #	Sample Comments
LAI-MW1	4-12-13	1435	G	W	#6	3	1			1	1						-01	
LAI-MW2	4-12-13	1300	G	W	#6	3	1			1	1						-02	
LAI-MW3	4-12-13	1350	G	W	#6	3	1			1	1						-03	
LAI-MW4	4-12-13	9:50	G	W	#6	3	1			1	1						-04	
LAI-MW5	4-12-13	10:55	G	W	#6	3	1			1	1						-05	
MW1-PP	4-11-13	1235	G	W	#6	3	1			1	1						-06	
MW2-PP	4-11-13	1205	G	W	#6	3	1			1	1						-07	
MW13	4-11-13	1445	G	W	#6	3	1			1	1						-08	
RNS-MW2	4-11-13	1135	G	W	#6	3	1			1	1						-09	
RNS-MW6	4-11-13	1540	G	W	#6	3	1			1	1						-10	
RNS-MW7 QC	4-11-13	1620	G	W	#6	3	1			1	1						-11	
MW13-DUP	4-11-13	1448	G	W	#6	3	1			1	1						-12	

Relinquished By	Received By	Date/Time
	Bill Essmeier	4-12-13 at 1500
Relinquished By	Received By	Date/Time
Relinquished By	Received By	Date/Time
Cooler Numbers and Temperatures		

Comments: Monitored Natural Attenuation

Matrix Codes: W=Water

Preserv. Codes:

Login Reviewed By: _____

Login Reviewed Date: 4/17/13

CHAIN OF CUSTODY

City of Tacoma Environmental Services
326 East D Street
Tacoma
WA, 98421-1801
phone (253) 502-2130
fax (253) 502-2170

COC Number

Lab Work Order Number T304030

Client Name: PW Science and Engineering	Project Name: Sauro Property MNA
Client Contact: Calvin Taylor	Project Number: CIP-00020-01-03
Address: 326 East D Street	Project Description: Sauro Property Monitoring Wells
City: Tacoma	PO Number: 61000055543
State/Zip: WA, 98421	Sampler Signatures: Bill Essmeier
Phone: (253) 593-7711 / Fax: (253) 502-2295	
Samplers: Bill Essmeier, CMK	

Requested Analyses

Requested Turn Around: Rush requests subject to additional charge. Rush requests subject to lab approval.

Standard (days)

Expedited (days)

Due Date

Sample Name or Field ID #	Sampled Date	Sampled Time	Sample Type Code	Matrix Code	Container Count	VOC MEEA	E::SM 4500-SO4 E	353.2::EPA 353.2::SM 4500-Cl⁻	Measurement::HACH 8131::SM	EPA 170.1::Field	SM 5310 B	SM 4500-S2D				Sample #	Sample Comments
						Preservation Code											
Trip Blank	4-11-13	11:06	G	W	3	3										-13	

Relinquished By	Received By: Bill Essmeier	Date/Time: 4-12-13 at 1500
Relinquished By	Received By	Date/Time
Relinquished By	Received By	Date/Time
Cooler Numbers and Temperatures		

Comments

Matrix Codes: W=Water

Preserv. Codes:

Login Reviewed By: _____

Login Reviewed Date: 4/17/13

Analyical Services Request
CHAIN OF CUSTODY

SENDING LABORATORY:

Environmental Services Laboratory
326 East D Street
Tacoma, WA 98421
Phone: 2535915588
Fax: 2535022107
City Contact: Gregory Perez

RECEIVING LABORATORY:

TestAmerica Seattle
5755 8th Street East
Tacoma, WA 98424
Phone :(253) 922-2310
Fax: (253) 922-5047

Environmental Services Work Order Number: T304030

Analysis			Due	Hold Time Expires	Comments
Sample ID: T304030-01	**Water**	**Sampled:12-Apr-13 14:35**			3 each
TA_Seattle_RSK175			03-May-13 12:00	26-Apr-13 14:35	
Sample ID: T304030-02	**Water**	**Sampled:12-Apr-13 13:00**			3 ea
TA_Seattle_RSK175			03-May-13 12:00	26-Apr-13 13:00	
Sample ID: T304030-03	**Water**	**Sampled:12-Apr-13 13:50**			3 ea
TA_Seattle_RSK175			03-May-13 12:00	26-Apr-13 13:50	
Sample ID: T304030-04	**Water**	**Sampled:12-Apr-13 09:50**			3 ea
TA_Seattle_RSK175			03-May-13 12:00	26-Apr-13 09:50	
Sample ID: T304030-05	**Water**	**Sampled:12-Apr-13 10:55**			3 ea
TA_Seattle_RSK175			03-May-13 12:00	26-Apr-13 10:55	
Sample ID: T304030-06	**Water**	**Sampled:11-Apr-13 12:35**			3 ea
TA_Seattle_RSK175			03-May-13 12:00	25-Apr-13 12:35	

Please provide in the data package all associated QC including initial and continuing calibrations. Perform batch quality control (matix spike, duplicate or matrix spike duplicate) on one sample provided per 20 if there is enough sample. Send your standard Excel file that includes the sample and batch QC data to lzborals@cityoftacoma.org. If your laboratory uses Promium's Element LIMS system, please call the City Contact listed above.

Bill Esmeier — Released By
4-12-13 — Date
1600
Received By

Released By — Date — Received By

Analyical Services Request
CHAIN OF CUSTODY

Analysis			Due	Hold Time Expires	Comments
Sample ID: T304030-07	**Water**	**Sampled:11-Apr-13 12:05**			3ea
TA_Seattle_RSK175			03-May-13 12:00	25-Apr-13 12:05	
Sample ID: T304030-08	**Water**	**Sampled:11-Apr-13 14:45**			3ea
TA_Seattle_RSK175			03-May-13 12:00	25-Apr-13 14:45	
Sample ID: T304030-09	**Water**	**Sampled:11-Apr-13 11:35**			3ea
TA_Seattle_RSK175			03-May-13 12:00	25-Apr-13 11:35	
Sample ID: T304030-10	**Water**	**Sampled:11-Apr-13 15:40**			3ea
TA_Seattle_RSK175			03-May-13 12:00	25-Apr-13 15:40	
Sample ID: T304030-11	**Water**	**Sampled:11-Apr-13 16:20**			6ea
TA_Seattle_RSK175			03-May-13 12:00	25-Apr-13 16:20	
Sample ID: T304030-12	**Water**	**Sampled:11-Apr-13 14:48**			3ea
TA_Seattle_RSK175			03-May-13 12:00	25-Apr-13 14:48	
Sample ID: T304030-13	**Water**	**Sampled:11-Apr-13 11:00**			3ea
TA_Seattle_RSK175			03-May-13 12:00	25-Apr-13 11:00	

Please provide in the data package all associated QC including initial and continuing calibrations. Perform batch quality control (matix spike, duplicate or matrix spike duplicate) on one sample provided per 20 if there is enough sample. Send your standard Excel file that includes the sample and batch QC data to lzborals@cityoftacoma.org. If your laboratory uses Promium's Element LIMS system, please call the City Contact listed above.

Released By	Date	Received By
Bill Essmeier	4-12-13 at 1600	Josh Kirby
Released By	Date	Received By

City of Tacoma
Environmental Services Laboratory

17 June 2013

Calvin Taylor
PW Science and Engineering
326 East D Street
Tacoma, WA 98421

Subject: Sauro Property RIFS

Enclosed are the analytical results for samples collected 06/12/2013.

Quality Control Data are included with the sample results for your review.

If you have any questions concerning this report, call me at (253)502-2130. Please note that remaining samples associated with this report will be discarded 3 months from the date of this report unless we are notified otherwise.

Sincerely,

Stuart Magoon
Assistant Division Manager
Environmental Services Laboratory

cc.

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	17-Jun-13 14:06

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled
MW-JS-20130612	T306119-01	Water	12-Jun-13 16:05
Trip Blank	T306119-02	Water	12-Jun-13 16:05

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.

Lori A. Zbonalski
Reviewed By

CHAIN OF CUSTODY

The sample was received under appropriate Chain of Custody procedures.

SAMPLE RECEIPT, PRESERVATION AND STORAGE

The sample was properly preserved and stored in accordance with the applicable method requirements.

HOLDING TIMES

All analyses were performed within the required holding times.

METHODS

The sample was analyzed by the following methods:

EPA Method 8260

MINIMUM REPORTING LIMITS

All analytes are reported to the Minimum Project Report Limit. Some analytes may be reported to the Method Detection Limit (MDL) to meet the Minimum Project Reporting Limit. In these cases, values are qualified as estimated (J) between the MDL and Practical Quantitation Limit (PQL) as not as precise as values reported greater than the PQL (the low standard or 3 -5 times the MDL).

METHOD BLANKS

Blanks were analyzed at the required frequencies of the methods. Blank values were less than the PQL, sample concentrations were greater than 10 times the blank values, or the analytes were not detected in the sample.

SURROGATE COMPOUNDS

Surrogate compounds were added to each sample to monitor system performance. Surrogate recoveries were within the laboratory's control limits.

LABORATORY CONTROL SAMPLES

Laboratory Control Samples were analyzed with these samples for all parameters. The recoveries for the associated LCS were within the laboratory limits, except for cis(1,2-Dichloroethene and m/p-Xylene. Recoveries are listed in the QC section of the following data pages. The recoveries were both above 90% and had better accuracy than is required for the continuing calibration. No data is qualified.

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE ANALYSIS

Matrix Spike and/or Matrix Spike Duplicate analysis was performed with these samples. The recoveries were within the laboratory limits, except for cis-1,2-Dichloroethene. The recoveries are shown in the QC section of the following data pages. The recoveries were both above 90% and had better accuracy than is required for the continuing calibration. No data is qualified..

INTERNAL STANDARDS

Internal Standards were added to these samples for quantitation purposes. The Area counts of these standards must not vary more than a factor of two from the mid-point standard of the calibration curve according to the method. The retention times must not vary by more than 30 seconds. No compounds varied by more than 30 seconds retention time. The internal standard criteria were met for these samples.

DATA AVAILABILITY

All data associated with the samples referenced in this report are archived at the Environmental Services Laboratory and are available upon request.

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	17-Jun-13 14:06

MW-JS-20130612
T306119-01 (Water)
12-Jun-13 16:05

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Benzene	0.5 U	0.5		ug/L	13-Jun-13	13-Jun-13	EPA 8260C
cis-1,2-Dichloroethene	0.2 U	0.2		ug/L	13-Jun-13	13-Jun-13	EPA 8260C
Ethylbenzene	0.5 U	0.5		ug/L	13-Jun-13	13-Jun-13	EPA 8260C
m/p-Xylene	1.0 U	1.0		ug/L	13-Jun-13	13-Jun-13	EPA 8260C
o-Xylene	0.5 U	0.5		ug/L	13-Jun-13	13-Jun-13	EPA 8260C
Tetrachloroethene	0.2 U	0.2		ug/L	13-Jun-13	13-Jun-13	EPA 8260C
Toluene	0.5 U	0.5		ug/L	13-Jun-13	13-Jun-13	EPA 8260C
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	13-Jun-13	13-Jun-13	EPA 8260C
Trichloroethene	0.2 U	0.2		ug/L	13-Jun-13	13-Jun-13	EPA 8260C
Vinyl Chloride	0.2 U	0.2		ug/L	13-Jun-13	13-Jun-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*99.5 %*	*26-175*		*13-Jun-13*	*13-Jun-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*101 %*	*86-126*		*13-Jun-13*	*13-Jun-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*103 %*	*81-130*		*13-Jun-13*	*13-Jun-13*	*EPA 8260C*
Surrogate: Toluene-d8		*101 %*	*82-127*		*13-Jun-13*	*13-Jun-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	17-Jun-13 14:06

Trip Blank
T306119-02 (Water)
12-Jun-13 16:05

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Benzene	0.5 U	0.5		ug/L	13-Jun-13	13-Jun-13	EPA 8260C
cis-1,2-Dichloroethene	0.2 U	0.2		ug/L	13-Jun-13	13-Jun-13	EPA 8260C
Ethylbenzene	0.5 U	0.5		ug/L	13-Jun-13	13-Jun-13	EPA 8260C
m/p-Xylene	1.0 U	1.0		ug/L	13-Jun-13	13-Jun-13	EPA 8260C
o-Xylene	0.5 U	0.5		ug/L	13-Jun-13	13-Jun-13	EPA 8260C
Tetrachloroethene	0.2 U	0.2		ug/L	13-Jun-13	13-Jun-13	EPA 8260C
Toluene	0.5 U	0.5		ug/L	13-Jun-13	13-Jun-13	EPA 8260C
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	13-Jun-13	13-Jun-13	EPA 8260C
Trichloroethene	0.2 U	0.2		ug/L	13-Jun-13	13-Jun-13	EPA 8260C
Vinyl Chloride	0.2 U	0.2		ug/L	13-Jun-13	13-Jun-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*26-175*		*13-Jun-13*	*13-Jun-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*107 %*	*86-126*		*13-Jun-13*	*13-Jun-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*105 %*	*81-130*		*13-Jun-13*	*13-Jun-13*	*EPA 8260C*
Surrogate: Toluene-d8		*101 %*	*82-127*		*13-Jun-13*	*13-Jun-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	17-Jun-13 14:06

VOA - Quality Control

Environmental Services Laboratory

Sample ID Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1324039 - Volatile Organics No-Prep									
Blank (1324039-BLK1)			Prepared & Analyzed: 13-Jun-13						
Surrogate: 1,2-Dichloroethane-d4	*20*	ug/L	*20.0*		*98.6*	*26-175*			
Surrogate: 4-Bromofluorobenzene	*21*	ug/L	*20.0*		*105*	*86-126*			
Benzene	0.5 U	ug/L							
cis-1,2-Dichloroethene	0.2 U	ug/L							
Surrogate: Dibromofluoromethane	*20*	ug/L	*20.0*		*99.6*	*81-130*			
Ethylbenzene	0.5 U	ug/L							
m/p-Xylene	1.0 U	ug/L							
o-Xylene	0.5 U	ug/L							
Tetrachloroethene	0.2 U	ug/L							
Toluene	0.5 U	ug/L							
Surrogate: Toluene-d8	*20*	ug/L	*20.0*		*99.7*	*82-127*			
trans-1,2-Dichloroethene	0.5 U	ug/L							
Trichloroethene	0.2 U	ug/L							
Vinyl Chloride	0.2 U	ug/L							
LCS (1324039-BS1)			Prepared & Analyzed: 13-Jun-13						
Surrogate: 1,2-Dichloroethane-d4	*20*	ug/L	*20.0*		*102*	*26-175*			
Surrogate: 4-Bromofluorobenzene	*20*	ug/L	*20.0*		*102*	*86-126*			
Benzene	**19**	**ug/L**	**20.0**		**94.6**	**87-122**			
cis-1,2-Dichloroethene	**19**	**ug/L**	**20.0**		**92.8**	**96-116**			
Surrogate: Dibromofluoromethane	*21*	ug/L	*20.0*		*103*	*81-130*			
Ethylbenzene	**19**	**ug/L**	**20.0**		**93.5**	**85-134**			
m/p-Xylene	**37**	**ug/L**	**40.0**		**92.2**	**93-120**			
o-Xylene	**19**	**ug/L**	**20.0**		**95.2**	**80-120**			
Tetrachloroethene	**19**	**ug/L**	**20.0**		**97.0**	**81-126**			
Toluene	**18**	**ug/L**	**20.0**		**91.0**	**87-127**			
Surrogate: Toluene-d8	*20*	ug/L	*20.0*		*99.4*	*82-127*			
trans-1,2-Dichloroethene	**19**	**ug/L**	**20.0**		**92.9**	**85-120**			
Trichloroethene	**20**	**ug/L**	**20.0**		**99.2**	**84-123**			
Vinyl Chloride	**20**	**ug/L**	**20.0**		**101**	**69-126**			

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.

Reviewed By

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	17-Jun-13 14:06

VOA - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1324039 - Volatile Organics No-Prep									
Matrix Spike (1324039-MS1)	**Source: T306119-01**		Prepared & Analyzed: 13-Jun-13						
Surrogate: 1,2-Dichloroethane-d4	*19*	ug/L	*20.0*		*97.2*	*26-175*			
Surrogate: 4-Bromofluorobenzene	*21*	ug/L	*20.0*		*107*	*86-126*			
Benzene	**18**	**ug/L**	**20.0**	**ND**	**90.8**	**87-122**			
cis-1,2-Dichloroethene	**19**	**ug/L**	**20.0**	**ND**	**93.4**	**96-116**			
Surrogate: Dibromofluoromethane	*21*	ug/L	*20.0*		*103*	*81-130*			
Ethylbenzene	**21**	**ug/L**	**20.0**	**ND**	**103**	**85-134**			
m/p-Xylene	**41**	**ug/L**	**40.0**	**ND**	**103**	**93-120**			
o-Xylene	**21**	**ug/L**	**20.0**	**ND**	**106**	**80-120**			
Tetrachloroethene	**22**	**ug/L**	**20.0**	**ND**	**109**	**81-126**			
Toluene	**20**	**ug/L**	**20.0**	**ND**	**98.8**	**87-127**			
Surrogate: Toluene-d8	*20*	ug/L	*20.0*		*102*	*82-127*			
trans-1,2-Dichloroethene	**19**	**ug/L**	**20.0**	**ND**	**95.0**	**85-120**			
Trichloroethene	**20**	**ug/L**	**20.0**	**ND**	**101**	**84-123**			
Vinyl Chloride	**21**	**ug/L**	**20.0**	**ND**	**106**	**68-127**			
Matrix Spike Dup (1324039-MSD1)	**Source: T306119-01**		Prepared & Analyzed: 13-Jun-13						
Surrogate: 1,2-Dichloroethane-d4	*20*	ug/L	*20.0*		*100*	*26-175*			
Surrogate: 4-Bromofluorobenzene	*21*	ug/L	*20.0*		*105*	*86-126*			
Benzene	**18**	**ug/L**	**20.0**	**ND**	**88.6**	**87-122**	**2.51**	**20**	
cis-1,2-Dichloroethene	**18**	**ug/L**	**20.0**	**ND**	**90.5**	**96-116**	**3.10**	**20**	
Surrogate: Dibromofluoromethane	*21*	ug/L	*20.0*		*104*	*81-130*			
Ethylbenzene	**19**	**ug/L**	**20.0**	**ND**	**97.0**	**85-134**	**6.44**	**20**	
m/p-Xylene	**38**	**ug/L**	**40.0**	**ND**	**95.8**	**93-120**	**7.29**	**20**	
o-Xylene	**20**	**ug/L**	**20.0**	**ND**	**98.5**	**80-120**	**7.76**	**20**	
Tetrachloroethene	**20**	**ug/L**	**20.0**	**ND**	**101**	**81-126**	**7.58**	**20**	
Toluene	**18**	**ug/L**	**20.0**	**ND**	**91.7**	**87-127**	**7.50**	**20**	
Surrogate: Toluene-d8	*20*	ug/L	*20.0*		*102*	*82-127*			
trans-1,2-Dichloroethene	**18**	**ug/L**	**20.0**	**ND**	**91.3**	**85-120**	**4.02**	**20**	
Trichloroethene	**19**	**ug/L**	**20.0**	**ND**	**94.4**	**84-123**	**6.95**	**20**	
Vinyl Chloride	**18**	**ug/L**	**20.0**	**ND**	**88.8**	**68-127**	**17.8**	**20**	

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	17-Jun-13 14:06

Notes and Definitions

U	Analyte Not Detected at or above the associated value
UJ	Analyte Not Detected at or above the associated estimated value
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

City of Tacoma
Public Works — Environmental Services

Page 1 of 1

Chain of Custody Record

Send Results & Invoice to:
Environmental Services Laboratory
326 East D Street
Tacoma, WA 98421
(253) 502-2130
PO#:

SAP Accounting

Project Name: Sauros

Samplers (Print): Lauren Knickrehm and Sierra Mott

Analysis/# of Containers

Samples Sent to:
*Please send results to Calvin Taylor (City) and Lauren Knickrehm (Landau Associates) lknickrehm@landauinc.com

Work Order	Date	Time	Matrix	Grab	Composite	Sample ID	Total Containers	8260 VOCs	Remarks
T306119 (1&2)	6/13/13								
1 -01	6/12/13	1605	H2O			MW-JS-20130612	6	X	Analysis for PCE, cis-1,2-DCE, TCE, Vinyl Chloride, BTEX and trans-1,2-DCE
2 -02	—	—	H2O			Trip Blanks	2	X	
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									

Relinquished By (Signature):	Date/Time	Received By (Signature):	Relinquished By (Signature):	Date/Time	Received for Laboratory By (Signature):
Lauren Knickrehm	6-12-2013 1630			6-12-2013 1630	Bill Emmerich

Relinquished By (Signature):	Date/Time	Received for Analysis By (Signature):	Date/Time	Remarks

Distribution: WHITE - Laboratory CANARY - Other PINK - Inorganics GOLDENROD - Organics

Log In Review LCW 6-13-13 1300

PW 523500 001 1111 a

City of Tacoma
Environmental Services Laboratory

16 July 2013

Calvin Taylor
PW Science and Engineering
326 East D Street
Tacoma, WA 98421

Subject: Sauro Property MNA

Enclosed are the analytical results for samples collected between 06/19/2013 and 06/21/2013.

Test America, Incorporated analyzed the samples by RSK 175, Method for Dissolved Gases (GC). Their data is included.

Oxidation Reduction Potential requires a separate report format and is included in the report as pages 4 of 16 thru 14 of 16. which are inserted after the other report pages 1 of 35 thru 34 of 35.

If you have any questions concerning this report, call me at (253)502-2130. Please note that the samples associated with this report will be discarded 3 months from the date of this report unless we are notified otherwise.

Sincerely,

Stuart Magoon
Assistant Division Manager
Environmental Services Laboratory

cc.

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 16:20

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled
LAI-MW1	T306001-01	Water	20-Jun-13 12:38
LAI-MW2	T306001-02	Water	19-Jun-13 14:40
LAI-MW3	T306001-03	Water	20-Jun-13 11:45
LAI-MW4	T306001-04	Water	20-Jun-13 10:40
LAI-MW5	T306001-05	Water	19-Jun-13 13:02
MW1-PP	T306001-06	Water	19-Jun-13 13:35
MW2-PP	T306001-07	Water	19-Jun-13 14:00
MW13	T306001-08	Water	21-Jun-13 10:33
RNS-MW2	T306001-09	Water	20-Jun-13 15:40
RNS-MW6	T306001-10	Water	21-Jun-13 11:28
RNS-MW7	T306001-11	Water	20-Jun-13 16:37
RNS-MW6-DUP	T306001-12	Water	21-Jun-13 11:30
Trip Blank	T306001-13	Water	19-Jun-13 10:30

CHAIN OF CUSTODY

The samples were received under appropriate Chain of Custody procedures.

SAMPLE RECEIPT, PRESERVATION AND STORAGE

Samples were properly preserved and stored in accordance with the applicable method requirements.

HOLDING TIMES

All analyses were performed within the required holding times.

METHODS

The samples were analyzed by the following method:

Standard Methods 4500-Cl-E for Chloride
Standard Methods 5310B for Total Organic Carbon
Standard Methods 4500-SO4 E for Total Sulfate
Standard Methods 4500-S2D for Sulfide
Standard Methods 2130B for Turbidity
EPA Method 170.1 for Temperature
EPA Method 353.2 for Nitrate
EPA Method 353.2 for Nitrite
Field Specific Conductivity
Oxydation Reduction Potential
Iron, Ferrous Hach Field Kit
Dissolved Oxygen, Field
pH, Field
Turbidity, Field
Water Level

CONTRACT LABS

The samples were sent to TestAmerica for analysis of methane, ethane, ethylene and acetylene (MEEA) by EPA method RSK-175.

MINIMUM REPORTING LIMITS

All analytes are reported to the Practical Quantitation Limit (PQL) which is below or no greater than the Minimum Project Reporting Limit. Reporting limit goals were 5 ug/L for methane and 1 ug/L for ethane, ethylene, and acetylene. Requested reporting limits were 5 ug/L for methane and 1 ug/L for ethane, ethylene, and acetylene. The TestAmerica reporting limit was 5 ug/L for all four compounds.

BLANKS

Blanks were analyzed at the required frequencies of the methods. There was a minimum of one Method Blank for each analytical method. Blank values were less than the Practical Quantitation Limits or sample concentrations were greater than 5 times the blank values.

LABORATORY CONTROL SAMPLES

Laboratory Control Samples were analyzed with these samples for all parameters. The recoveries for all associated LCS were within the laboratory limits.

DUPLICATE SAMPLE ANALYSIS

Duplicate analysis was performed with these samples. Relative percent differences were within the laboratory or project limits.

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE ANALYSIS

Matrix Spike and Matrix Spike Duplicate analysis was performed with these samples. The recoveries were within the laboratory control limits.

DATA AVAILABILITY

All data associated with the samples referenced in this report are archived at the Environmental Services Laboratory and are available upon request.

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 16:20

LAI-MW1
T306001-01 (Water)
20-Jun-13 12:38

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
CONVENTIONAL						
Chloride	**43.1**	1.00	mg/L	26-Jun-13	26-Jun-13	SM 4500-Cl⁻ E
Nitrate as N	**1.39**	0.010	mg/L	21-Jun-13	21-Jun-13	EPA 353.2
Nitrite as N	**0.014**	0.010	mg/L	21-Jun-13	21-Jun-13	353.2
Total Organic Carbon	**9.26**	1.00	mg/L	21-Jun-13	21-Jun-13	SM 5310 B
Sulfate	**24.9**	5.0	mg/L	26-Jun-13	26-Jun-13	SM 4500-SO4 E
Sulfide	0.150 U	0.150	mg/L	24-Jun-13	24-Jun-13	SM 4500-S2D
FIELD						
Conductivity	**511**	2.00	uS/cm		03-Jul-13	SM 2510 B
Dissolved oxygen	**0.800**	0.100	mg/L		03-Jul-13	SM 4500-O G
Fe(II)	**0.090**	0.030	mg/L		03-Jul-13	HACH 8131
pH	**6.35**	0.100	pH Units		03-Jul-13	SM 4500-H+ B
Temperature	**60.6**	0.00	°F		03-Jul-13	EPA 170.1
Turbidity	**52.0**	10.0	NTU		03-Jul-13	SM 2130 B
Water Level	**44.34**	0.00	Feet		03-Jul-13	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 16:20

LAI-MW2
T306001-02 (Water)
19-Jun-13 14:40

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
CONVENTIONAL						
Chloride	**10.8**	1.00	mg/L	26-Jun-13	26-Jun-13	SM 4500-Cl⁻ E
Nitrate as N	**0.018**	0.010	mg/L	20-Jun-13	20-Jun-13	EPA 353.2
Nitrite as N	0.010 U	0.010	mg/L	20-Jun-13	20-Jun-13	353.2
Total Organic Carbon	**10.3**	1.00	mg/L	21-Jun-13	21-Jun-13	SM 5310 B
Sulfate	**17.2**	5.0	mg/L	26-Jun-13	26-Jun-13	SM 4500-SO4 E
Sulfide	0.150 U	0.150	mg/L	24-Jun-13	24-Jun-13	SM 4500-S2D
FIELD						
Conductivity	**451**	2.00	uS/cm		03-Jul-13	SM 2510 B
Dissolved oxygen	**1.50**	0.100	mg/L		03-Jul-13	SM 4500-O G
Fe(II)	0.030 U	0.030	mg/L		03-Jul-13	HACH 8131
pH	**6.77**	0.100	pH Units		03-Jul-13	SM 4500-H+ B
Temperature	**59.8**	0.00	°F		03-Jul-13	EPA 170.1
Turbidity	**18.1**	10.0	NTU		03-Jul-13	SM 2130 B
Water Level	**44.41**	0.00	Feet		03-Jul-13	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 16:20

LAI-MW3
T306001-03 (Water)
20-Jun-13 11:45

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
CONVENTIONAL						
Chloride	**17.1**	1.00	mg/L	26-Jun-13	26-Jun-13	SM 4500-Cl⁻ E
Nitrate as N	**0.647**	0.010	mg/L	21-Jun-13	21-Jun-13	EPA 353.2
Nitrite as N	**0.013**	0.010	mg/L	21-Jun-13	21-Jun-13	353.2
Total Organic Carbon	**11.8**	1.00	mg/L	21-Jun-13	21-Jun-13	SM 5310 B
Sulfate	**23.3**	5.0	mg/L	26-Jun-13	26-Jun-13	SM 4500-SO4 E
Sulfide	0.150 U	0.150	mg/L	24-Jun-13	24-Jun-13	SM 4500-S2D
FIELD						
Conductivity	**548**	2.00	uS/cm		03-Jul-13	SM 2510 B
Dissolved oxygen	**1.30**	0.100	mg/L		03-Jul-13	SM 4500-O G
Fe(II)	**0.080**	0.030	mg/L		03-Jul-13	HACH 8131
pH	**6.78**	0.100	pH Units		03-Jul-13	SM 4500-H+ B
Temperature	**59.9**	0.00	°F		03-Jul-13	EPA 170.1
Turbidity	**101**	10.0	NTU		03-Jul-13	SM 2130 B
Water Level	**50.85**	0.00	Feet		03-Jul-13	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 16:20

LAI-MW4
T306001-04 (Water)
20-Jun-13 10:40

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
CONVENTIONAL						
Chloride	**32.2**	1.00	mg/L	26-Jun-13	26-Jun-13	SM 4500-Cl⁻ E
Nitrate as N	**0.019**	0.010	mg/L	21-Jun-13	21-Jun-13	EPA 353.2
Nitrite as N	0.010 U	0.010	mg/L	21-Jun-13	21-Jun-13	353.2
Total Organic Carbon	**17.8**	1.00	mg/L	21-Jun-13	21-Jun-13	SM 5310 B
Sulfate	**11.3**	5.0	mg/L	26-Jun-13	26-Jun-13	SM 4500-SO4 E
Sulfide	0.150 U	0.150	mg/L	24-Jun-13	24-Jun-13	SM 4500-S2D
FIELD						
Conductivity	**682**	2.00	uS/cm		03-Jul-13	SM 2510 B
Dissolved oxygen	**1.84**	0.100	mg/L		03-Jul-13	SM 4500-O G
Fe(II)	**6.40**	0.150	mg/L		03-Jul-13	HACH 8131
pH	**6.51**	0.100	pH Units		03-Jul-13	SM 4500-H+ B
Temperature	**57.9**	0.00	°F		03-Jul-13	EPA 170.1
Turbidity	10.0 U	10.0	NTU		03-Jul-13	SM 2130 B
Water Level	**12.60**	0.00	Feet		03-Jul-13	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 16:20

LAI-MW5

T306001-05 (Water)

19-Jun-13 13:02

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
CONVENTIONAL						
Chloride	**59.7**	1.00	mg/L	26-Jun-13	26-Jun-13	SM 4500-Cl⁻ E
Nitrate as N	0.010 U	0.010	mg/L	20-Jun-13	20-Jun-13	EPA 353.2
Nitrite as N	**0.037**	0.010	mg/L	20-Jun-13	20-Jun-13	353.2
Total Organic Carbon	**17.8**	1.00	mg/L	21-Jun-13	21-Jun-13	SM 5310 B
Sulfate	**10.1**	5.0	mg/L	26-Jun-13	26-Jun-13	SM 4500-SO4 E
Sulfide	0.150 U	0.150	mg/L	24-Jun-13	24-Jun-13	SM 4500-S2D
FIELD						
Conductivity	**635**	2.00	uS/cm		03-Jul-13	SM 2510 B
Dissolved oxygen	**1.70**	0.100	mg/L		03-Jul-13	SM 4500-O G
Fe(II)	**7.95**	0.150	mg/L		03-Jul-13	HACH 8131
pH	**6.20**	0.100	pH Units		03-Jul-13	SM 4500-H+ B
Temperature	**61.5**	0.00	°F		03-Jul-13	EPA 170.1
Turbidity	**117**	10.0	NTU		03-Jul-13	SM 2130 B
Water Level	**24.24**	0.00	Feet		03-Jul-13	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 16:20

MW1-PP
T306001-06 (Water)
19-Jun-13 13:35

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
CONVENTIONAL						
Chloride	**35.8**	1.00	mg/L	26-Jun-13	26-Jun-13	SM 4500-Cl⁻ E
Nitrate as N	0.010 U	0.010	mg/L	20-Jun-13	20-Jun-13	EPA 353.2
Nitrite as N	**0.037**	0.010	mg/L	20-Jun-13	20-Jun-13	353.2
Total Organic Carbon	**23.0**	1.00	mg/L	21-Jun-13	22-Jun-13	SM 5310 B
Sulfate	**60.8**	5.0	mg/L	26-Jun-13	26-Jun-13	SM 4500-SO4 E
Sulfide	0.150 U	0.150	mg/L	24-Jun-13	24-Jun-13	SM 4500-S2D
FIELD						
Conductivity	**928**	2.00	uS/cm		03-Jul-13	SM 2510 B
Dissolved oxygen	**1.41**	0.100	mg/L		03-Jul-13	SM 4500-O G
Fe(II)	**17.1**	0.300	mg/L		03-Jul-13	HACH 8131
pH	**6.51**	0.100	pH Units		03-Jul-13	SM 4500-H+ B
Temperature	**62.1**	0.00	°F		03-Jul-13	EPA 170.1
Turbidity	**22.9**	10.0	NTU		03-Jul-13	SM 2130 B
Water Level	**16.44**	0.00	Feet		03-Jul-13	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 16:20

MW2-PP
T306001-07 (Water)
19-Jun-13 14:00

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
CONVENTIONAL						
Chloride	**81.0**	1.00	mg/L	26-Jun-13	26-Jun-13	SM 4500-Cl⁻ E
Nitrate as N	**2.18**	0.010	mg/L	20-Jun-13	20-Jun-13	EPA 353.2
Nitrite as N	**0.016**	0.010	mg/L	20-Jun-13	20-Jun-13	353.2
Total Organic Carbon	**13.9**	1.00	mg/L	21-Jun-13	22-Jun-13	SM 5310 B
Sulfate	**31.5**	5.0	mg/L	26-Jun-13	26-Jun-13	SM 4500-SO4 E
Sulfide	0.150 U	0.150	mg/L	24-Jun-13	24-Jun-13	SM 4500-S2D
FIELD						
Conductivity	**752**	2.00	uS/cm		03-Jul-13	SM 2510 B
Dissolved oxygen	**2.00**	0.100	mg/L		03-Jul-13	SM 4500-O G
Fe(II)	**0.130**	0.030	mg/L		03-Jul-13	HACH 8131
pH	**6.64**	0.100	pH Units		03-Jul-13	SM 4500-H+ B
Temperature	**65.3**	0.00	°F		03-Jul-13	EPA 170.1
Turbidity	**17.0**	10.0	NTU		03-Jul-13	SM 2130 B
Water Level	**15.52**	0.00	Feet		03-Jul-13	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 16:20

MW13
T306001-08 (Water)
21-Jun-13 10:33

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
CONVENTIONAL						
Chloride	**9.91**	1.00	mg/L	26-Jun-13	26-Jun-13	SM 4500-Cl⁻ E
Nitrate as N	**1.12**	0.010	mg/L	21-Jun-13	21-Jun-13	EPA 353.2
Nitrite as N	**0.014**	0.010	mg/L	21-Jun-13	21-Jun-13	353.2
Total Organic Carbon	**7.30**	1.00	mg/L	08-Jul-13	08-Jul-13	SM 5310 B
Sulfate	**51.3**	5.0	mg/L	26-Jun-13	26-Jun-13	SM 4500-SO4 E
Sulfide	0.150 U	0.150	mg/L	24-Jun-13	24-Jun-13	SM 4500-S2D
FIELD						
Conductivity	**553**	2.00	uS/cm		03-Jul-13	SM 2510 B
Dissolved oxygen	**3.30**	0.100	mg/L		03-Jul-13	SM 4500-O G
Fe(II)	0.150 U	0.150	mg/L		03-Jul-13	HACH 8131
pH	**6.62**	0.100	pH Units		03-Jul-13	SM 4500-H+ B
Temperature	**58.9**	0.00	°F		03-Jul-13	EPA 170.1
Turbidity	**1770**	50.0	NTU		03-Jul-13	SM 2130 B
Water Level	**39.20**	0.00	Feet		03-Jul-13	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 16:20

RNS-MW2
T306001-09 (Water)
20-Jun-13 15:40

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
CONVENTIONAL						
Chloride	**31.8**	1.00	mg/L	26-Jun-13	26-Jun-13	SM 4500-Cl⁻ E
Nitrate as N	**2.99**	0.010	mg/L	21-Jun-13	21-Jun-13	EPA 353.2
Nitrite as N	0.010 U	0.010	mg/L	21-Jun-13	21-Jun-13	353.2
Total Organic Carbon	**11.6**	1.00	mg/L	21-Jun-13	22-Jun-13	SM 5310 B
Sulfate	**77.3**	5.0	mg/L	26-Jun-13	26-Jun-13	SM 4500-SO4 E
Sulfide	0.150 U	0.150	mg/L	24-Jun-13	24-Jun-13	SM 4500-S2D
FIELD						
Conductivity	**431**	2.00	uS/cm		03-Jul-13	SM 2510 B
Dissolved oxygen	**5.97**	0.100	mg/L		03-Jul-13	SM 4500-O G
Fe(II)	**0.550**	0.150	mg/L		03-Jul-13	HACH 8131
pH	**6.50**	0.100	pH Units		03-Jul-13	SM 4500-H+ B
Temperature	**57.6**	0.00	°F		03-Jul-13	EPA 170.1
Turbidity	**1800**	50.0	NTU		03-Jul-13	SM 2130 B
Water Level	**16.90**	0.00	Feet		03-Jul-13	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 16:20

RNS-MW6
T306001-10 (Water)
21-Jun-13 11:28

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
CONVENTIONAL						
Chloride	**20.2**	1.00	mg/L	26-Jun-13	26-Jun-13	SM 4500-Cl⁻ E
Nitrate as N	**0.454**	0.010	mg/L	21-Jun-13	21-Jun-13	EPA 353.2
Nitrite as N	**0.010**	0.010	mg/L	21-Jun-13	21-Jun-13	353.2
Total Organic Carbon	**10.5**	1.00	mg/L	21-Jun-13	22-Jun-13	SM 5310 B
Sulfate	**40.9**	5.0	mg/L	26-Jun-13	26-Jun-13	SM 4500-SO4 E
Sulfide	0.150 U	0.150	mg/L	24-Jun-13	24-Jun-13	SM 4500-S2D
FIELD						
Conductivity	**609**	2.00	uS/cm		03-Jul-13	SM 2510 B
Dissolved oxygen	**3.70**	0.100	mg/L		03-Jul-13	SM 4500-O G
Fe(II)	0.030 U	0.030	mg/L		03-Jul-13	HACH 8131
pH	**6.18**	0.100	pH Units		03-Jul-13	SM 4500-H+ B
Temperature	**58.6**	0.00	°F		03-Jul-13	EPA 170.1
Turbidity	**1020**	50.0	NTU		03-Jul-13	SM 2130 B
Water Level	**34.90**	0.00	Feet		03-Jul-13	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 16:20

RNS-MW7
T306001-11 (Water)
20-Jun-13 16:37

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
CONVENTIONAL						
Chloride	**28.4**	1.00	mg/L	26-Jun-13	26-Jun-13	SM 4500-Cl⁻ E
Nitrate as N	**0.613**	0.010	mg/L	21-Jun-13	21-Jun-13	EPA 353.2
Nitrite as N	0.010 U	0.010	mg/L	21-Jun-13	21-Jun-13	353.2
Total Organic Carbon	**4.57**	1.00	mg/L	21-Jun-13	22-Jun-13	SM 5310 B
Sulfate	**43.7**	5.0	mg/L	26-Jun-13	26-Jun-13	SM 4500-SO4 E
Sulfide	0.150 U	0.150	mg/L	24-Jun-13	24-Jun-13	SM 4500-S2D
FIELD						
Conductivity	**457**	2.00	uS/cm		03-Jul-13	SM 2510 B
Dissolved oxygen	**2.12**	0.100	mg/L		03-Jul-13	SM 4500-O G
Fe(II)	0.150 U	0.150	mg/L		03-Jul-13	HACH 8131
pH	**6.62**	0.100	pH Units		03-Jul-13	SM 4500-H+ B
Temperature	**58.6**	0.00	°F		03-Jul-13	EPA 170.1
Turbidity	**885**	50.0	NTU		03-Jul-13	SM 2130 B
Water Level	**20.78**	0.00	Feet		03-Jul-13	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 16:20

RNS-MW6-DUP
T306001-12 (Water)
21-Jun-13 11:30

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
CONVENTIONAL						
Chloride	**20.2**	1.00	mg/L	26-Jun-13	26-Jun-13	SM 4500-Cl⁻ E
Nitrate as N	**0.405**	0.010	mg/L	21-Jun-13	21-Jun-13	EPA 353.2
Nitrite as N	0.010 U	0.010	mg/L	21-Jun-13	21-Jun-13	353.2
Total Organic Carbon	**12.3**	1.00	mg/L	21-Jun-13	22-Jun-13	SM 5310 B
Sulfate	**55.2**	5.0	mg/L	26-Jun-13	26-Jun-13	SM 4500-SO4 E
Sulfide	0.150 U	0.150	mg/L	24-Jun-13	24-Jun-13	SM 4500-S2D

LAI-MW1
T306001-01 (Water)
20-Jun-13 12:38

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
RSK-175							
Acetylene	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Ethane	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Ethylene	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Methane	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Surrogate: Acetylene (Surr)		*101 %*	*62-124*			*26-Jun-13*	*RSK_175 Dissolved Gases (GC)*

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 16:20

LAI-MW2
T306001-02 (Water)
19-Jun-13 14:40

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
RSK-175							
Acetylene	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Ethane	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Ethylene	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Methane	**0.043**	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Surrogate: Acetylene (Surr)		*104 %*	*62-124*			*26-Jun-13*	*RSK_175 Dissolved Gases (GC)*

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 16:20

LAI-MW3
T306001-03 (Water)
20-Jun-13 11:45

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
RSK-175							
Acetylene	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Ethane	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Ethylene	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Methane	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Surrogate: Acetylene (Surr)		*105 %*	*62-124*			*26-Jun-13*	*RSK_175 Dissolved Gases (GC)*

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 16:20

LAI-MW4
T306001-04 (Water)
20-Jun-13 10:40

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
RSK-175							
Acetylene	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Ethane	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Ethylene	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Methane	**3.4**	0.10		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Surrogate: Acetylene (Surr)		*111 %*	*62-124*			*26-Jun-13*	*RSK_175 Dissolved Gases (GC)*

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 16:20

LAI-MW5
T306001-05 (Water)
19-Jun-13 13:02

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
RSK-175							
Acetylene	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Ethane	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Ethylene	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Methane	**10**	0.20		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Surrogate: Acetylene (Surr)		*104 %*	*62-124*			*26-Jun-13*	*RSK_175 Dissolved Gases (GC)*

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 16:20

MW1-PP
T306001-06 (Water)
19-Jun-13 13:35

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
RSK-175							
Acetylene	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Ethane	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Ethylene	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Methane	**0.30**	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Surrogate: Acetylene (Surr)		*91 %*	*62-124*			*26-Jun-13*	*RSK_175 Dissolved Gases (GC)*

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 16:20

MW2-PP
T306001-07 (Water)
19-Jun-13 14:00

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
RSK-175							
Acetylene	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Ethane	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Ethylene	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Methane	**0.083**	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Surrogate: Acetylene (Surr)		*98 %*	*62-124*			*26-Jun-13*	*RSK_175 Dissolved Gases (GC)*

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 16:20

MW13
T306001-08 (Water)
21-Jun-13 10:33

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
RSK-175							
Acetylene	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Ethane	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Ethylene	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Methane	**0.0093**	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Surrogate: Acetylene (Surr)		*105 %*	*62-124*			*26-Jun-13*	*RSK_175 Dissolved Gases (GC)*

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 16:20

RNS-MW2
T306001-09 (Water)
20-Jun-13 15:40

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
RSK-175							
Acetylene	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Ethane	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Ethylene	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Methane	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Surrogate: Acetylene (Surr)		*103 %*	*62-124*			*26-Jun-13*	*RSK_175 Dissolved Gases (GC)*

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 16:20

RNS-MW6
T306001-10 (Water)
21-Jun-13 11:28

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
RSK-175							
Acetylene	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Ethane	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Ethylene	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Methane	**0.0076**	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Surrogate: Acetylene (Surr)		*103 %*	*62-124*			*26-Jun-13*	*RSK_175 Dissolved Gases (GC)*

Center for Urban Waters - Environmental Services Lab

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.

Reviewed By

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 16:20

RNS-MW7
T306001-11 (Water)
20-Jun-13 16:37

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
RSK-175							
Acetylene	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Ethane	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Ethylene	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Methane	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Surrogate: Acetylene (Surr)		*97 %*	*62-124*			*26-Jun-13*	*RSK_175 Dissolved Gases (GC)*

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 16:20

RNS-MW6-DUP
T306001-12 (Water)
21-Jun-13 11:30

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
RSK-175							
Acetylene	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Ethane	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Ethylene	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Methane	**0.016**	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Surrogate: Acetylene (Surr)		*100 %*	*62-124*			*26-Jun-13*	*RSK_175 Dissolved Gases (GC)*

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 16:20

Trip Blank
T306001-13 (Water)
19-Jun-13 10:30

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
RSK-175							
Acetylene	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Ethane	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Ethylene	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Methane	0.0050 U	0.0050		mg/L		26-Jun-13	RSK_175 Dissolved Gases (GC)
Surrogate: Acetylene (Surr)		*98 %*	*62-124*			*26-Jun-13*	*RSK_175 Dissolved Gases (GC)*

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 16:20

CONVENTIONAL - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1325073 - Conventionals No-Prep									
Blank (1325073-BLK1)			Prepared & Analyzed: 20-Jun-13						
Nitrite as N	0.010 U	mg/L							
Duplicate (1325073-DUP1)		Source: T306001-02	Prepared & Analyzed: 20-Jun-13						
Nitrite as N	0.010 U	mg/L		ND				35	
Matrix Spike (1325073-MS1)		Source: T306001-02	Prepared & Analyzed: 20-Jun-13						
Nitrite as N	**1.06**	**mg/L**	**1.00**	**ND**	**106**	**70-130**			
Reference (1325073-SRM1)			Prepared & Analyzed: 20-Jun-13						
Nitrite as N	**0.787**	**mg/L**	**0.779**		**101**	**90-110**			
Batch 1325075 - Conventionals No-Prep									
Blank (1325075-BLK1)			Prepared & Analyzed: 20-Jun-13						
Nitrate as N	0.010 U	mg/L							
LCS (1325075-BS1)			Prepared & Analyzed: 20-Jun-13						
Nitrate as N	**0.814**	**mg/L**	**0.896**		**91**	**80-120**			
Duplicate (1325075-DUP1)		Source: T306001-02	Prepared & Analyzed: 20-Jun-13						
Nitrate as N	**0.015**	**mg/L**		**0.018**			**18**	**35**	
Matrix Spike (1325075-MS1)		Source: T306001-02	Prepared & Analyzed: 20-Jun-13						
Nitrate as N	**1.05**	**mg/L**	**1.00**	**0.018**	**103**	**70-130**			
Batch 1325091 - Conventionals No-Prep									
Blank (1325091-BLK1)			Prepared & Analyzed: 21-Jun-13						
Nitrite as N	0.010 U	mg/L							

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 16:20

CONVENTIONAL - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1325091 - Conventionals No-Prep									
Duplicate (1325091-DUP1)	**Source: T306001-01**		Prepared & Analyzed: 21-Jun-13						
Nitrite as N	**0.014**	**mg/L**		**0.014**			**0**	**35**	
Matrix Spike (1325091-MS1)	**Source: T306001-01**		Prepared & Analyzed: 21-Jun-13						
Nitrite as N	**1.09**	**mg/L**	**1.00**	**0.014**	**108**	**70-130**			
Reference (1325091-SRM1)			Prepared & Analyzed: 21-Jun-13						
Nitrite as N	**0.738**	**mg/L**	**0.779**		**95**	**90-110**			
Batch 1325093 - Conventionals No-Prep									
Blank (1325093-BLK1)			Prepared & Analyzed: 21-Jun-13						
Nitrate as N	0.010 U	mg/L							
LCS (1325093-BS1)			Prepared & Analyzed: 21-Jun-13						
Nitrate as N	**8.92**	**mg/L**	**8.96**		**100**	**80-120**			
Duplicate (1325093-DUP1)	**Source: T306001-01**		Prepared & Analyzed: 21-Jun-13						
Nitrate as N	**1.36**	**mg/L**		**1.39**			**2**	**35**	
Matrix Spike (1325093-MS1)	**Source: T306001-01**		Prepared & Analyzed: 21-Jun-13						
Nitrate as N	**2.38**	**mg/L**	**1.00**	**1.39**	**99**	**70-130**			
Batch 1325102 - Comb./IR									
Blank (1325102-BLK1)			Prepared & Analyzed: 21-Jun-13						
Total Organic Carbon	1.00 U	mg/L							

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 16:20

CONVENTIONAL - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1325102 - Comb./IR									
LCS (1325102-BS1)			Prepared & Analyzed: 21-Jun-13						
Total Organic Carbon	**20.2**	**mg/L**	**20.0**		**101**	**85-115**			
Matrix Spike (1325102-MS1)	**Source: T306001-01**		Prepared & Analyzed: 21-Jun-13						
Total Organic Carbon	**108**	**mg/L**	**100**	**9.26**	**99**	**80-120**			
Matrix Spike Dup (1325102-MSD1)	**Source: T306001-01**		Prepared & Analyzed: 21-Jun-13						
Total Organic Carbon	**109**	**mg/L**	**100**	**9.26**	**99**	**80-120**	**0.6**	**20**	
Batch 1326009 - Conventionals No-Prep									
Blank (1326009-BLK1)			Prepared & Analyzed: 24-Jun-13						
Sulfide	0.150 U	mg/L							
LCS (1326009-BS1)			Prepared & Analyzed: 24-Jun-13						
Sulfide	**1.58**	**mg/L**	**1.63**		**97**	**50-130**			
Duplicate (1326009-DUP1)	**Source: T306001-01**		Prepared & Analyzed: 24-Jun-13						
Sulfide	0.150 U	mg/L		ND				20	
Matrix Spike (1326009-MS1)	**Source: T306001-01**		Prepared & Analyzed: 24-Jun-13						
Sulfide	**0.916**	**mg/L**	**1.00**	**ND**	**92**	**50-130**			
Batch 1326039 - Conventionals No-Prep									
Blank (1326039-BLK1)			Prepared & Analyzed: 26-Jun-13						
Sulfate	5.0 U	mg/L							

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 16:20

CONVENTIONAL - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1326039 - Conventionals No-Prep									
LCS (1326039-BS1)			Prepared & Analyzed: 26-Jun-13						
Sulfate	**55.0**	**mg/L**	**55.8**		**99**	**70-130**			
Duplicate (1326039-DUP1)	**Source: T306001-01**		Prepared & Analyzed: 26-Jun-13						
Sulfate	**24.9**	**mg/L**		**24.9**			**0**	**20**	
Matrix Spike (1326039-MS1)	**Source: T306001-01**		Prepared & Analyzed: 26-Jun-13						
Sulfate	**45.5**	**mg/L**	**20.0**	**24.9**	**103**	**75-125**			
Batch 1326043 - Conventionals No-Prep									
Blank (1326043-BLK1)			Prepared & Analyzed: 26-Jun-13						
Chloride	1.00 U	mg/L							
LCS (1326043-BS1)			Prepared & Analyzed: 26-Jun-13						
Chloride	**17.0**	**mg/L**	**20.0**		**85**	**80-120**			
Duplicate (1326043-DUP1)	**Source: T306001-01**		Prepared & Analyzed: 26-Jun-13						
Chloride	**42.9**	**mg/L**		**43.1**			**0.5**	**30**	
Matrix Spike (1326043-MS1)	**Source: T306001-01**		Prepared & Analyzed: 26-Jun-13						
Chloride	**64.0**	**mg/L**	**20.0**	**43.1**	**105**	**75-125**			
Batch 1328020 - Comb./IR									
Blank (1328020-BLK1)			Prepared & Analyzed: 08-Jul-13						
Total Organic Carbon	1.00 U	mg/L							

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 16:20

CONVENTIONAL - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1328020 - Comb./IR									
LCS (1328020-BS1)			Prepared & Analyzed: 08-Jul-13						
Total Organic Carbon	**19.6**	**mg/L**	**20.0**		**98**	**85-115**			
Matrix Spike (1328020-MS1)	**Source: T306001-08**		Prepared & Analyzed: 08-Jul-13						
Total Organic Carbon	**59.2**	**mg/L**	**50.0**	**7.30**	**104**	**80-120**			
Matrix Spike Dup (1328020-MSD1)	**Source: T306001-08**		Prepared & Analyzed: 08-Jul-13						
Total Organic Carbon	**59.4**	**mg/L**	**50.0**	**7.30**	**104**	**80-120**	**0.3**	**20**	

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 16:20

RSK-175 - Quality Control

TestAmerica Nashville

Sample ID Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 89027 -									
MS (580-39029-10 MS)	**Source: T306001-10**		Prepared:	Analyzed: 26-Jun-13					
Acetylene	**0.425**	**mg/L**	**0.450**		**94**	**70-130**			
Ethane	**0.482**	**mg/L**	**0.513**	**ND**	**94**	**71-120**			
Ethylene	**0.440**	**mg/L**	**0.479**	**ND**	**92**	**71-120**			
Methane	**0.249**	**mg/L**	**0.273**	**0.0076**	**88**	**46-142**			
MSD (580-39029-10 MSD)	**Source: T306001-10**		Prepared:	Analyzed: 26-Jun-13					
Acetylene	**0.435**	**mg/L**	**0.450**		**97**	**70-130**	**2**	**30**	
Ethane	**0.521**	**mg/L**	**0.513**	**ND**	**102**	**71-120**	**8**	**30**	
Ethylene	**0.440**	**mg/L**	**0.479**	**ND**	**92**	**71-120**	**0**	**30**	
Methane	**0.271**	**mg/L**	**0.273**	**0.0076**	**96**	**46-142**	**8**	**30**	
LCS (LCS 490-89027/6)			Prepared:	Analyzed: 26-Jun-13					
Acetylene	**0.449**	**mg/L**	**0.450**		**100**	**80-120**			
Ethane	**0.509**	**mg/L**	**0.513**		**99**	**80-120**			
Ethylene	**0.469**	**mg/L**	**0.479**		**98**	**80-120**			
Methane	**0.259**	**mg/L**	**0.273**		**95**	**80-120**			
LCSD (LCSD 490-89027/7)			Prepared:	Analyzed: 26-Jun-13					
Acetylene	**0.433**	**mg/L**	**0.450**		**96**	**80-120**	**4**	**33**	
Ethane	**0.518**	**mg/L**	**0.513**		**101**	**80-120**	**2**	**30**	
Ethylene	**0.453**	**mg/L**	**0.479**		**95**	**80-120**	**3**	**29**	
Methane	**0.260**	**mg/L**	**0.273**		**95**	**80-120**	**0**	**33**	
MB (MB 490-89027/4)			Prepared:	Analyzed: 26-Jun-13					
Acetylene	0.0050 U	mg/L				-			
MB (MB 490-89027/5)			Prepared:	Analyzed: 26-Jun-13					
Surrogate: Acetylene (Surr)	*0.501*	mg/L	*0.450*		*111*	*62-124*			
Ethane	0.0050 U	mg/L				-			
Ethylene	0.0050 U	mg/L				-			
Methane	0.0050 U	mg/L				-			

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 15:11

LAI-MW1

T306001-01 (Water)

20-Jun-13 12:38

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Oxidation/Reduction Potential	**-26.8**			mV		03-Jul-13	SM 2580 B

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 15:11

LAI-MW2

T306001-02 (Water)

19-Jun-13 14:40

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Oxidation/Reduction Potential	**32.7**			mV		03-Jul-13	SM 2580 B

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 15:11

LAI-MW3
T306001-03 (Water)
20-Jun-13 11:45

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Oxidation/Reduction Potential	**-34.9**			mV		03-Jul-13	SM 2580 B

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 15:11

LAI-MW4
T306001-04 (Water)
20-Jun-13 10:40

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Oxidation/Reduction Potential	**-62.4**			mV		03-Jul-13	SM 2580 B

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 15:11

LAI-MW5
T306001-05 (Water)
19-Jun-13 13:02

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Oxidation/Reduction Potential	**-28.2**			mV		03-Jul-13	SM 2580 B

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 15:11

MW1-PP
T306001-06 (Water)
19-Jun-13 13:35

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Oxidation/Reduction Potential	**-53.5**			mV		03-Jul-13	SM 2580 B

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 15:11

MW2-PP
T306001-07 (Water)
19-Jun-13 14:00

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Oxidation/Reduction Potential	**51.1**			mV		03-Jul-13	SM 2580 B

Center for Urban Waters - Environmental Services Lab

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.

Reviewed By

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 15:11

MW13
T306001-08 (Water)
21-Jun-13 10:33

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Oxidation/Reduction Potential	**77.0**			mV		03-Jul-13	SM 2580 B

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 15:11

RNS-MW2
T306001-09 (Water)
20-Jun-13 15:40

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Oxidation/Reduction Potential	**-21.1**			mV		03-Jul-13	SM 2580 B

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 15:11

RNS-MW6
T306001-10 (Water)
21-Jun-13 11:28

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Oxidation/Reduction Potential	**58.9**			mV		03-Jul-13	SM 2580 B

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 15:11

RNS-MW7
T306001-11 (Water)
20-Jun-13 16:37

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Oxidation/Reduction Potential	**-17.7**			mV		03-Jul-13	SM 2580 B

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Jul-13 16:20

Notes and Definitions

U	Analyte Not Detected at or above the associated value
UJ	Analyte Not Detected at or above the associated estimated value
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

CHAIN OF CUSTODY

City of Tacoma Environmental Services
326 East D Street
Tacoma
WA, 98421-1801
phone (253) 502-2130
fax (253) 502-2170

COC Number

Lab Work Order Number T306001

Client Name: PW Science and Engineering	Project Name: Sauro Property MNA
Client Contact: Calvin Taylor	Project Number: CIP-00020-01-03
Address: 326 East D Street	Project Description: Sauro Property Monitoring Wells
City: Tacoma	PO Number: 61000055543
State/Zip: WA, 98421	Sampler Signatures: Bill Essmeier
Phone: (253) 593-7711 / Fax: (253) 502-2295	
Samplers: Bill Essmeier	

Requested Turn Around: Rush requests subject to additional charge. Rush requests subject to lab approval. | Standard (days) | Expedited (days) | Due Date

Sample Name or Field ID #	Sampled Date	Sampled Time	Sample Type Code	Matrix Code	Container Count	Sample #	RSK 175	353.2::EPA 353.2::SM 4500-Cl E::SM 4500-SO4 E	SM 5310 B TOC, (+H2SO4)	SM 4500-S2D Zn acetate	EPA 170.1::Field Measurement::HACH 8131::SM					Sample Comments
LAI-MW1	6-20-13	1238	G	W	4	-01	3	1	1	1					-01	
~~LAI-MW2~~			~~G~~	~~W~~	~~4~~	~~-02~~	~~3~~	~~1~~	~~1~~	~~1~~						
LAI-MW3	6-20-13	1145	G	W	4	-03	3	1	1	1					-03	
LAI-MW4	6-20-13	1040	G	W	4	-04	3	1	1	1					-04	
~~LAI-MW5~~			~~G~~	~~W~~	~~4~~	~~-05~~	~~3~~	~~1~~	~~1~~	~~1~~						
~~MW1-PP mna~~			~~G~~	~~W~~	~~4~~	~~-06~~	~~3~~	~~1~~	~~1~~	~~1~~						
~~MW2-PP mna~~			~~G~~	~~W~~	~~4~~	~~-07~~	~~3~~	~~1~~	~~1~~	~~1~~						
~~MW13 mna~~			~~G~~	~~W~~	~~4~~	~~-08~~	~~3~~	~~1~~	~~1~~	~~1~~						
RNS-MW2	6-20-13	1540	G	W	4	-09	3	1	1	1					-09	
~~RNS-MW6~~			~~G~~	~~W~~	~~4~~	~~-10~~	~~3~~	~~1~~	~~1~~	~~1~~						
RNS-MW7	6-20-13	1637	G	W	4	-11	3	1	1	1					-11	
~~mna-DUP~~			~~G~~	~~W~~	~~4~~	~~-12~~	~~3~~	~~1~~	~~1~~	~~1~~						

Relinquished By	Received By: Bill Essmeier	Date/Time: 6-20-13 1700
Relinquished By	Received By	Date/Time
Relinquished By	Received By	Date/Time
Cooler Numbers and Temperatures		

Comments

Matrix Codes: W=Water

Preserv. Codes:

6/24/13 1030

Login Reviewed By: LCW

Login Reviewed Date: 6-21-2013 1333

CHAIN OF CUSTODY

City of Tacoma Environmental Services
326 East D Street
Tacoma
WA, 98421-1801
phone (253) 502-2130
fax (253) 502-2170

Page 2 of 4

COC Number

Lab Work Order Number T306001

Client Name: PW Science and Engineering	Project Name: Sauro Property MNA
Client Contact: Calvin Taylor	Project Number: CIP-00020-01-03
Address: 326 East D Street	Project Description: Sauro Property Monitoring Wells
City: Tacoma	PO Number: 61000055543
State/Zip: WA, 98421	Sampler Signatures: Bill Essmeier
Phone: (253) 593-7711 / Fax: (253) 502-2295	
Samplers: Bill Essmeier	

Requested Analyses

Requested Turn Around: Rush requests subject to additional charge. Rush requests subject to lab approval. Standard (days) / Expedited (days) / Due Date

Sample Name or Field ID #	Sampled Date	Sampled Time	Sample Type Code	Matrix Code	Container Count	Sample #	RSK 175	353.2::EPA 353.2::SM 4500-Cl⁻ E::SM 4500-SO4 E	SM 5310 B TOC, (+H2SO4)	SM 4500-S2D Zn Acetate	EPA 170.1::Field Measurement::HACH 8131::SM					Sample Comments
~~LAI-MW1~~			G	W	4	-01	3	1	1	1						
LAI-MW2	6-19-13	1440	G	W	4	-02	3	1	1	1					-02	
~~LAI-MW3~~			G	W	4	-03	3	1	1	1						
~~LAI-MW4~~			G	W	4	-04	3	1	1	1						
LAI-MW5	6-19-13	1307	G	W	4	-05	3	1	1	1					-05	
MW1-PP ~~mna~~ BE	6-19-13	2335	G	W	4	-06	3	1	1	1					-06	
MW2-PP ~~mna~~ BE	6-19-13	1400	G	W	4	-07	3	1	1	1					-07	
~~MW15 mna~~			G	W	4	-08	3	1	1	1						
~~RNS-MW2~~			G	W	4	-09	3	1	1	1						
~~RNS-MW6~~			G	W	4	-10	3	1	1	1						
~~RNS-MW7~~			G	W	4	-11	3	1	1	1						
~~mna-DUP~~			G	W	4	-12	3	1	1	1						

Relinquished By	Received By: Bill Essmeier	Date/Time: 6-19-13 1530
Relinquished By	Received By	Date/Time
Relinquished By	Received By	Date/Time
Cooler Numbers and Temperatures		

Comments

Matrix Codes: W=Water

Preserv. Codes:

Login Reviewed By: LCW

Login Reviewed Date: 6-21-2013 1333

6/24/13 10:30

CHAIN OF CUSTODY

City of Tacoma Environmental Services
326 East D Street
Tacoma
WA, 98421-1801
phone (253) 502-2130
fax (253) 502-2170

Page 1 of 1

COC Number

Lab Work Order Number T306001

Client Name: PW Science and Engineering		Project Name: Sauro Property MNA	
Client Contact: Calvin Taylor		Project Number: CIP-00020-01-03	
Address: 326 East D Street		Project Description: Sauro Property Monitoring Wells	
City: Tacoma		PO Number: 61000055543	
State/Zip: WA, 98421		Sampler Signatures: Bill Essmeier	
Phone: (253) 593-7711	Fax: (253) 502-2295		
Samplers: Bill Essmeier Mark Bozlee			

Requested Turn Around

Rush requests subject to additional charge.

Rush requests subject to lab approval.

Standard (days)

Expedited (days)

Due Date

Sample Name or Field ID #	Sampled Date	Sampled Time	Sample Type Code	Matrix Code	Container Count	Sample #	RSK 175	353.2::EPA 353.2::SM 4500-Cl- E::SM 4500-SO4 E	SM 5310 B TOC, (+H2SO4)	SM 4500-S2D	EPA 170.1::Field Measurement::HACH 8131::SM					Sample Comments
MW13 ~~mw~~ BE	6-21-13	1033	G	W	4	-08	3	1	1	1					-08	
RNS-MW6	6-21-13	1128	G	W	4	-10	6	1	1	1					-10	
RNS-MW6-DUP	6-21-13	1130	G	W	4	-12	3	1	1	1					-12	

Relinquished By	Received By: Bill Essmeier	Date/Time: 6-21-13 1200
Relinquished By	Received By	Date/Time
Relinquished By	Received By	Date/Time
Cooler Numbers and Temperatures		

Comments:
6-21-13 Additional well water levels
RNS-MW3 = 10.30'
RNS-MW4 = 18.04'
RNS-MW5 = 23.41
MW3 = Dry

Matrix Codes: W=Water

Preserv. Codes:

6/24/13 10:30

Login Reviewed By: LCW

Login Reviewed Date: 6-21-2013 1333

CHAIN OF CUSTODY

City of Tacoma Environmental Services
326 East D Street
Tacoma
WA, 98421-1801
phone (253) 502-2130
fax (253) 502-2170

COC Number
Lab Work Order Number T306001

Client Name: PW Science and Engineering		Project Name: Sauro Property MNA	
Client Contact: Calvin Taylor		Project Number: CIP-00020-01-03	
Address: 326 East D Street		Project Description: Sauro Property Monitoring Wells	
City: Tacoma		PO Number: 61000055543	
State/Zip: WA, 98421		Sampler Signatures: Bill Essmeier	
Phone: (253) 593-7711	Fax: (253) 502-2295		
Samplers: Bill Essmeier			

Requested Analyses: Sample #; RSK 175

Requested Turn Around: Rush requests subject to additional charge. Rush requests subject to lab approval. Standard (days); Expedited (days); Due Date

Sample Name or Field ID #	Sampled Date	Sampled Time	Sample Type Code	Matrix Code	Container Count	Sample #	RSK 175	Sample Comments
Trip Blank	6-19-13	1030	G	W	3	-13	3	-13

Relinquished By	Received By: Bill Essmeier	Date/Time: 6-21-13 1200
Relinquished By	Received By	Date/Time
Relinquished By	Received By	Date/Time
Cooler Numbers and Temperatures		

Comments

Matrix Codes: W=Water

Preserv. Codes:

6/24/13 10:30

Login Reviewed By: LCW

Login Reviewed Date: 6-21-2013 1333

INVOICE

T306001

Invoice To:
Calvin Taylor
PW Science and Engineering
326 East D Street
Tacoma, WA 98421

Invoice Number: T306001-PWSED **Project:** Sauro Property MNA
Invoiced On: 16-Jul-13
Received: 21-Jun-13

PO Number: 61000055543 **Client Contact:** Calvin Taylor - PW Science and Engineering
Lab Contact: Gregory Perez - Environmental Services Laboratory

Quantity	Analysis/Description	Matrix	Unit Cost	Extended Cost
Environmental Services Laboratory				
11	Water Level	Water	$10.00	$110.00
11	Turbidity__SM2130B_FIELD	Water	$20.00	$220.00
11	Temperature_FIELD	Water	$10.00	$110.00
12	Sulfide SM4500-S2D	Water	$55.00	$660.00
12	SO4	Water	$25.00	$300.00
11	pH_FIELD	Water	$10.00	$110.00
11	Oxidation Reduction Potential	Water	$100.00	$1,100.00
12	TOC	Water	$40.00	$480.00
12	NO2	Water	$25.00	$300.00
12	NO3	Water	$40.00	$480.00
11	Iron, Ferrous	Water	$20.00	$220.00
11	Dissolved Oxygen_FIELD	Water	$30.00	$330.00
11	Conductivity_FIELD	Water	$20.00	$220.00
12	Chloride 4500Cl-E	Water	$25.00	$300.00
Additional Items				
1	QA/QC Charge			$516.00
22	Sampling Fee 2		$90.00	$1,980.00
			Invoice Total:	**$7,656.00**

City of Tacoma
Environmental Services Laboratory

12 July 2013

Calvin Taylor
PW Science and Engineering
326 East D Street
Tacoma, WA 98421

Subject: Sauro Property RIFS

Enclosed are the analytical results for samples collected 06/18/2013.

Quality Control Data are included with the sample results for your review.

If you have any questions concerning this report, call me at (253)502-2130. Please note that remaining samples associated with this report will be discarded 3 months from the date of this report unless we are notified otherwise.

Sincerely,

Stuart Magoon
Assistant Division Manager
Environmental Services Laboratory

cc.

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	12-Jul-13 16:09

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled
Trip Blank	T306134-01	Water	18-Jun-13 10:00
MW1-PP	T306134-02	Water	18-Jun-13 13:50
MW2-PP	T306134-03	Water	18-Jun-13 13:35
MW13-(51.5)	T306134-04	Water	18-Jun-13 12:40
LAI-MW1-(63)	T306134-05	Water	18-Jun-13 12:20
LAI-MW2-(65)	T306134-06	Water	18-Jun-13 11:55
LAI-MW3-(75)	T306134-07	Water	18-Jun-13 12:08
LAI-MW4-(25)	T306134-08	Water	18-Jun-13 11:37
LAI-MW5-(42)	T306134-09	Water	18-Jun-13 13:08
LAI-MW5-(50)	T306134-10	Water	18-Jun-13 13:10
RNS-MW2-(21.5)	T306134-11	Water	18-Jun-13 13:25
RNS-MW2-(38.5)	T306134-12	Water	18-Jun-13 13:26
RNS-MW6-(42.5)	T306134-13	Water	18-Jun-13 12:54
RNS-MW6-(52.5)	T306134-14	Water	18-Jun-13 12:55
RNS-MW6-(52.5) DUP	T306134-15	Water	18-Jun-13 12:56

CHAIN OF CUSTODY

The samples were received under appropriate Chain of Custody procedures.

SAMPLE RECEIPT, PRESERVATION AND STORAGE

Samples were properly preserved and stored in accordance with the applicable method requirements.

HOLDING TIMES

All analyses were performed within the required holding times.

METHODS

The samples were analyzed by the following method:

EPA Method 8260B for Volatile Organics

INITIAL CALIBRATION

The initial calibration met method 8260 requirements for all compounds except for the RSD for **Bromomethane at 55% (limit 20%). All of the sample results for Bromomethane are qualified as estimated (J or UJ).**

MINIMUM REPORTING LIMITS

All analytes are reported to the Practical Quantitation Limit (PQL) which is below or no greater than the Minimum Project Reporting Limit.

BLANKS

Blanks were analyzed at the required frequencies of the methods. Sample T306062-01 was a Trip Blank. The blanks met the project criteria, **except for the following:**

Lab ID	Analyte	Amount	Associated Samples	Qualifier
T306134-01 (Trip Blank)	**Acetone**	**7.8 ug/L**	**-02**	**UJ**
	Methylene Chloride	**1.4 ug/L**	**-04, -05, -06, -07, -08, -09, -10, -11, -12, -13, -14, & -15**	**UJ**
	Bromomethane	**0.6 ug/L**	**-02, -03**	**UJ**

The associated samples are qualified as not detected and estimated at their reported values (UJ).

SURROGATE COMPOUNDS

Surrogate compounds were added to each sample to monitor system performance. Surrogate recoveries were within the project limits except for Bromofluorobenzene in the diluted samples -04RE1, -06RE1, -07RE1, -13RE1 -13RE2, -14RE1, -14RE2, -15RE1, and -15RE2. No data warrants qualification for only one low surrogate.

LABORATORY CONTROL SAMPLES

Laboratory Control Samples were analyzed with these samples for all parameters. The recoveries for all associated LCS were within the project limits.

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE ANALYSIS

Matrix Spike and Matrix Spike Duplicate analysis were performed with these samples. The recoveries were within the project limits except for the following:

Analyte	MS %REC	MSD %REC	%REC Limits	RPD	RPD Limits
Tetrachloroethene	79.2*	87	81-126	40*	20
1,3-Dichlorobenzene	78.9*	82.8	82-133	4.8	20

*out of range

Tetrachloroethene failed the MSD with the original dilution but was diluted more and passed in the MSD2. High RPD alone or combined with one of either the MS or MSD recovery being out of limits does not warrant qualification.

INTERNAL STANDARDS

Internal Standards were added to these samples for quantitation purposes. The Area counts of these standards must not vary more than a factor of two from the mid-point standard of the calibration curve according to the method. The retention times must not vary by more than 30 seconds. No compounds varied by more than 30 seconds retention time. The internal standard criteria were met for these samples.

FIELD DUPLICATES

Samples T306134-14 and T306134-15 were submitted as field duplicates. No compounds were detected in the field duplicate pairs greater than the PQL except the following:

Analyte	Units	T306134-14	T306124-15	RPD
Vinyl Chloride	ug/L	0.5	0.4	22
Methylene Chloride	ug/L	0.8	0.8	0
trans-1,2-Dichloroethene	ug/L	1.1	1.1	0

Analyte	Units	T306134-14	T306124-15	RPD
cis-1,2-Dichloroethene	ug/L	81	72	12
Trichloroethene	ug/L	170	150	12
Tetrachloroethene	ug/L	580	520	11

The Field Duplicates are screened against a RPD of 75%. All comparisons met the screening criteria. No data is qualified.

DATA AVAILABILITY

All data associated with the samples contained in this report are archived at the Environmental Services Laboratory and are available upon request.

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	12-Jul-13 16:09

Trip Blank
T306134-01 (Water)
18-Jun-13 10:00

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1-Dichloroethene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
2-Butanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
2-Hexanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acetone	**7.8**	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acrolein	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acrylonitrile	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Benzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromomethane	**0.6 J**	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Carbon Disulfide	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloroform	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
cis-1,2-Dichloroethene	0.2 U	0.2	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
m/p-Xylene	1.0 U	1.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Methyl tert-butyl ether	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Methylene Chloride	**1.4**	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
o-Xylene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	12-Jul-13 16:09

Trip Blank
T306134-01 (Water)
18-Jun-13 10:00

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Styrene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Tetrachloroethene	0.2 U	0.2		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Toluene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Trichloroethene	0.2 U	0.2		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Vinyl Chloride	0.2 U	0.2		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*108 %*	*26-175*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*89.0 %*	*86-126*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*105 %*	*81-130*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: Toluene-d8		*101 %*	*82-127*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	12-Jul-13 16:09

MW1-PP
T306134-02 (Water)
18-Jun-13 13:50

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**16.51**	0.00	Feet		03-Jul-13	Field Measurement
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1-Dichloroethene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
2-Butanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
2-Hexanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acetone	**10 UJ**	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acrolein	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acrylonitrile	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Benzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromomethane	**0.5 UJ**	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Carbon Disulfide	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloroform	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
cis-1,2-Dichloroethene	**0.3**	0.2	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	12-Jul-13 16:09

MW1-PP
T306134-02 (Water)
18-Jun-13 13:50

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
m/p-Xylene	1.0 U	1.0		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Methyl tert-butyl ether	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Methylene Chloride	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
o-Xylene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Styrene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Tetrachloroethene	0.2 U	0.2		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Toluene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Trichloroethene	0.2 U	0.2		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Vinyl Chloride	0.2 U	0.2		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*26-175*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*88.2 %*	*86-126*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*104 %*	*81-130*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: Toluene-d8		*102 %*	*82-127*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	12-Jul-13 16:09

MW2-PP
T306134-03 (Water)
18-Jun-13 13:35

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**15.62**	0.00	Feet		03-Jul-13	Field Measurement
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1-Dichloroethene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
2-Butanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
2-Hexanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acetone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acrolein	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acrylonitrile	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Benzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromomethane	**0.5 UJ**	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Carbon Disulfide	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloroform	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
cis-1,2-Dichloroethene	**2.7**	0.2	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	12-Jul-13 16:09

MW2-PP
T306134-03 (Water)
18-Jun-13 13:35

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
m/p-Xylene	1.0 U	1.0		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Methyl tert-butyl ether	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Methylene Chloride	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
o-Xylene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Styrene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Tetrachloroethene	**0.7**	0.2		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Toluene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Trichloroethene	**0.8**	0.2		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Vinyl Chloride	**0.3**	0.2		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*26-175*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*86.4 %*	*86-126*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*102 %*	*81-130*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: Toluene-d8		*100 %*	*82-127*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	12-Jul-13 16:09

MW13-(51.5)
T306134-04 (Water)
18-Jun-13 12:40

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**39.20**	0.00	Feet		03-Jul-13	Field Measurement
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1-Dichloroethene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
2-Butanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
2-Hexanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acetone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acrolein	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acrylonitrile	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Benzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromomethane	0.5 UJ	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Carbon Disulfide	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloroform	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
m/p-Xylene	1.0 U	1.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	12-Jul-13 16:09

MW13-(51.5)
T306134-04 (Water)
18-Jun-13 12:40

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Methyl tert-butyl ether	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Methylene Chloride	**0.7 UJ**	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
o-Xylene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Styrene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Toluene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
trans-1,2-Dichloroethene	**1.4**	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Vinyl Chloride	**0.8**	0.2		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*26-175*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*89.4 %*	*86-126*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*101 %*	*81-130*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: Toluene-d8		*102 %*	*82-127*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	12-Jul-13 16:09

MW13-(51.5)
T306134-04RE1 (Water)
18-Jun-13 12:40

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
cis-1,2-Dichloroethene	**110**	2.0		ug/L	24-Jun-13	24-Jun-13	EPA 8260C
Tetrachloroethene	**400**	2.0		ug/L	24-Jun-13	24-Jun-13	EPA 8260C
Trichloroethene	**96**	2.0		ug/L	24-Jun-13	24-Jun-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*26-175*		*24-Jun-13*	*24-Jun-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*73.5 %*	*86-126*		*24-Jun-13*	*24-Jun-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*99.3 %*	*81-130*		*24-Jun-13*	*24-Jun-13*	*EPA 8260C*
Surrogate: Toluene-d8		*94.8 %*	*82-127*		*24-Jun-13*	*24-Jun-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	12-Jul-13 16:09

LAI-MW1-(63)
T306134-05 (Water)
18-Jun-13 12:20

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**44.30**	0.00	Feet		03-Jul-13	Field Measurement
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1-Dichloroethene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
2-Butanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
2-Hexanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acetone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acrolein	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acrylonitrile	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Benzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromomethane	0.5 UJ	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Carbon Disulfide	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloroform	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
cis-1,2-Dichloroethene	0.2 U	0.2	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	12-Jul-13 16:09

LAI-MW1-(63)
T306134-05 (Water)
18-Jun-13 12:20

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
m/p-Xylene	1.0 U	1.0		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Methyl tert-butyl ether	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Methylene Chloride	**0.6 UJ**	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
o-Xylene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Styrene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Tetrachloroethene	0.2 U	0.2		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Toluene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Trichloroethene	0.2 U	0.2		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Vinyl Chloride	0.2 U	0.2		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*26-175*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*90.0 %*	*86-126*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*104 %*	*81-130*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: Toluene-d8		*102 %*	*82-127*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	12-Jul-13 16:09

LAI-MW2-(65)
T306134-06 (Water)
18-Jun-13 11:55

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**44.30**	0.00	Feet		03-Jul-13	Field Measurement
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1-Dichloroethene	**0.7**	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
2-Butanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
2-Hexanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acetone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acrolein	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acrylonitrile	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Benzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromomethane	0.5 UJ	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Carbon Disulfide	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloroform	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
m/p-Xylene	1.0 U	1.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	12-Jul-13 16:09

LAI-MW2-(65)
T306134-06 (Water)
18-Jun-13 11:55

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Methyl tert-butyl ether	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Methylene Chloride	**0.7 UJ**	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
o-Xylene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Styrene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Toluene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
trans-1,2-Dichloroethene	**1.3**	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Vinyl Chloride	**0.8**	0.2		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*26-175*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*89.4 %*	*86-126*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*103 %*	*81-130*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: Toluene-d8		*102 %*	*82-127*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	12-Jul-13 16:09

LAI-MW2-(65)
T306134-06RE1 (Water)
18-Jun-13 11:55

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
cis-1,2-Dichloroethene	**120**	2.0		ug/L	24-Jun-13	24-Jun-13	EPA 8260C
Tetrachloroethene	**280**	2.0		ug/L	24-Jun-13	24-Jun-13	EPA 8260C
Trichloroethene	**87**	2.0		ug/L	24-Jun-13	24-Jun-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*26-175*		*24-Jun-13*	*24-Jun-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*70.4 %*	*86-126*		*24-Jun-13*	*24-Jun-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*101 %*	*81-130*		*24-Jun-13*	*24-Jun-13*	*EPA 8260C*
Surrogate: Toluene-d8		*95.1 %*	*82-127*		*24-Jun-13*	*24-Jun-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	12-Jul-13 16:09

LAI-MW3-(75)
T306134-07 (Water)
18-Jun-13 12:08

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**50.82**	0.00	Feet		03-Jul-13	Field Measurement
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1-Dichloroethene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
2-Butanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
2-Hexanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acetone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acrolein	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acrylonitrile	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Benzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromomethane	0.5 UJ	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Carbon Disulfide	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloroform	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
cis-1,2-Dichloroethene	**44**	0.2	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	12-Jul-13 16:09

LAI-MW3-(75)
T306134-07 (Water)
18-Jun-13 12:08

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
m/p-Xylene	1.0 U	1.0		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Methyl tert-butyl ether	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Methylene Chloride	**0.7 UJ**	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
o-Xylene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Styrene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Toluene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Trichloroethene	**27**	0.2		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Vinyl Chloride	0.2 U	0.2		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*108 %*	*26-175*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*89.3 %*	*86-126*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*105 %*	*81-130*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: Toluene-d8		*101 %*	*82-127*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	12-Jul-13 16:09

LAI-MW3-(75)
T306134-07RE1 (Water)
18-Jun-13 12:08

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Tetrachloroethene	**72**	1.0		ug/L	24-Jun-13	24-Jun-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*26-175*		*24-Jun-13*	*24-Jun-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*76.0 %*	*86-126*		*24-Jun-13*	*24-Jun-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*101 %*	*81-130*		*24-Jun-13*	*24-Jun-13*	*EPA 8260C*
Surrogate: Toluene-d8		*98.4 %*	*82-127*		*24-Jun-13*	*24-Jun-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	12-Jul-13 16:09

LAI-MW4-(25)
T306134-08 (Water)
18-Jun-13 11:37

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**12.33**	0.00	Feet		03-Jul-13	Field Measurement
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1-Dichloroethene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
2-Butanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
2-Hexanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acetone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acrolein	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acrylonitrile	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Benzene	**0.6**	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromomethane	0.5 UJ	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Carbon Disulfide	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloroform	**0.5**	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
cis-1,2-Dichloroethene	**0.3**	0.2	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C

Center for Urban Waters - Environmental Services Lab

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.

Reviewed By

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	12-Jul-13 16:09

LAI-MW4-(25)
T306134-08 (Water)
18-Jun-13 11:37

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
m/p-Xylene	1.0 U	1.0		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Methyl tert-butyl ether	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Methylene Chloride	**0.7 UJ**	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
o-Xylene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Styrene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Tetrachloroethene	0.2 U	0.2		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Toluene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Trichloroethene	0.2 U	0.2		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Vinyl Chloride	0.2 U	0.2		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*26-175*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*87.5 %*	*86-126*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*103 %*	*81-130*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: Toluene-d8		*101 %*	*82-127*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	12-Jul-13 16:09

LAI-MW5-(42)
T306134-09 (Water)
18-Jun-13 13:08

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**24.18**	0.00	Feet		03-Jul-13	Field Measurement
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1-Dichloroethene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
2-Butanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
2-Hexanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acetone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acrolein	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acrylonitrile	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Benzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromomethane	0.5 UJ	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Carbon Disulfide	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloroform	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
cis-1,2-Dichloroethene	0.2 U	0.2	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	12-Jul-13 16:09

LAI-MW5-(42)
T306134-09 (Water)
18-Jun-13 13:08

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
m/p-Xylene	1.0 U	1.0		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Methyl tert-butyl ether	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Methylene Chloride	**0.6 UJ**	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
o-Xylene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Styrene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Tetrachloroethene	0.2 U	0.2		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Toluene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Trichloroethene	0.2 U	0.2		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Vinyl Chloride	0.2 U	0.2		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*108 %*	*26-175*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*89.4 %*	*86-126*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*106 %*	*81-130*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: Toluene-d8		*101 %*	*82-127*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	12-Jul-13 16:09

LAI-MW5-(50)
T306134-10 (Water)
18-Jun-13 13:10

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**24.18**	0.00	Feet		03-Jul-13	Field Measurement
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1-Dichloroethene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
2-Butanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
2-Hexanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acetone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acrolein	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acrylonitrile	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Benzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromomethane	0.5 UJ	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Carbon Disulfide	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloroform	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
cis-1,2-Dichloroethene	0.2 U	0.2	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	12-Jul-13 16:09

LAI-MW5-(50)
T306134-10 (Water)
18-Jun-13 13:10

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
m/p-Xylene	1.0 U	1.0		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Methyl tert-butyl ether	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Methylene Chloride	**0.6 UJ**	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
o-Xylene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Styrene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Tetrachloroethene	0.2 U	0.2		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Toluene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Trichloroethene	0.2 U	0.2		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Vinyl Chloride	0.2 U	0.2		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*26-175*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*90.2 %*	*86-126*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*104 %*	*81-130*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: Toluene-d8		*102 %*	*82-127*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	12-Jul-13 16:09

RNS-MW2-(21.5)
T306134-11 (Water)
18-Jun-13 13:25

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**16.81**	0.00	Feet		03-Jul-13	Field Measurement
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1-Dichloroethene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
2-Butanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
2-Hexanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acetone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acrolein	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acrylonitrile	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Benzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromomethane	0.5 UJ	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Carbon Disulfide	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloroform	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
cis-1,2-Dichloroethene	**0.2**	0.2	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	12-Jul-13 16:09

RNS-MW2-(21.5)
T306134-11 (Water)
18-Jun-13 13:25

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
m/p-Xylene	1.0 U	1.0		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Methyl tert-butyl ether	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Methylene Chloride	**0.6 UJ**	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
o-Xylene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Styrene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Tetrachloroethene	**7.8**	0.2		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Toluene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Trichloroethene	**0.4**	0.2		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Vinyl Chloride	0.2 U	0.2		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*26-175*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*88.2 %*	*86-126*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*104 %*	*81-130*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: Toluene-d8		*101 %*	*82-127*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	12-Jul-13 16:09

RNS-MW2-(38.5)
T306134-12 (Water)
18-Jun-13 13:26

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**16.81**	0.00	Feet		03-Jul-13	Field Measurement
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1-Dichloroethene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
2-Butanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
2-Hexanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acetone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acrolein	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acrylonitrile	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Benzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromomethane	0.5 UJ	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Carbon Disulfide	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloroform	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
cis-1,2-Dichloroethene	**0.2**	0.2	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	12-Jul-13 16:09

RNS-MW2-(38.5)
T306134-12 (Water)
18-Jun-13 13:26

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
m/p-Xylene	1.0 U	1.0		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Methyl tert-butyl ether	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Methylene Chloride	**0.7 UJ**	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
o-Xylene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Styrene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Tetrachloroethene	**9.6**	0.2		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Toluene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Trichloroethene	**0.4**	0.2		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Vinyl Chloride	0.2 U	0.2		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*26-175*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*89.4 %*	*86-126*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*103 %*	*81-130*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: Toluene-d8		*101 %*	*82-127*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	12-Jul-13 16:09

RNS-MW6-(42.5)
T306134-13 (Water)
18-Jun-13 12:54

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**39.30**	0.00	Feet		03-Jul-13	Field Measurement
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1-Dichloroethene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
2-Butanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
2-Hexanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acetone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acrolein	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acrylonitrile	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Benzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromomethane	0.5 UJ	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Carbon Disulfide	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloroform	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
m/p-Xylene	1.0 U	1.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	12-Jul-13 16:09

RNS-MW6-(42.5)
T306134-13 (Water)
18-Jun-13 12:54

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Methyl tert-butyl ether	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Methylene Chloride	**0.7 UJ**	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
o-Xylene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Styrene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Toluene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
trans-1,2-Dichloroethene	**1.0**	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Vinyl Chloride	**0.5**	0.2		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*26-175*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*89.8 %*	*86-126*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*102 %*	*81-130*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: Toluene-d8		*101 %*	*82-127*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	12-Jul-13 16:09

RNS-MW6-(42.5)
T306134-13RE1 (Water)
18-Jun-13 12:54

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
cis-1,2-Dichloroethene	**85**	2.0		ug/L	24-Jun-13	24-Jun-13	EPA 8260C
Trichloroethene	**190**	2.0		ug/L	24-Jun-13	24-Jun-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*26-175*		*24-Jun-13*	*24-Jun-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*73.8 %*	*86-126*		*24-Jun-13*	*24-Jun-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*101 %*	*81-130*		*24-Jun-13*	*24-Jun-13*	*EPA 8260C*
Surrogate: Toluene-d8		*95.4 %*	*82-127*		*24-Jun-13*	*24-Jun-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	12-Jul-13 16:09

RNS-MW6-(42.5)
T306134-13RE2 (Water)
18-Jun-13 12:54

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Tetrachloroethene	**590**	10		ug/L	24-Jun-13	24-Jun-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*26-175*		*24-Jun-13*	*24-Jun-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*77.8 %*	*86-126*		*24-Jun-13*	*24-Jun-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*101 %*	*81-130*		*24-Jun-13*	*24-Jun-13*	*EPA 8260C*
Surrogate: Toluene-d8		*99.4 %*	*82-127*		*24-Jun-13*	*24-Jun-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	12-Jul-13 16:09

RNS-MW6-(52.5)
T306134-14 (Water)
18-Jun-13 12:55

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**39.30**	0.00	Feet		03-Jul-13	Field Measurement
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1-Dichloroethene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
2-Butanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
2-Hexanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acetone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acrolein	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acrylonitrile	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Benzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromomethane	0.5 UJ	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Carbon Disulfide	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloroform	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
m/p-Xylene	1.0 U	1.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	12-Jul-13 16:09

RNS-MW6-(52.5)
T306134-14 (Water)
18-Jun-13 12:55

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Methyl tert-butyl ether	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Methylene Chloride	**0.8 UJ**	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
o-Xylene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Styrene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Toluene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
trans-1,2-Dichloroethene	**1.1**	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Vinyl Chloride	**0.5**	0.2		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*26-175*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*90.4 %*	*86-126*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*102 %*	*81-130*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: Toluene-d8		*101 %*	*82-127*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	12-Jul-13 16:09

RNS-MW6-(52.5)
T306134-14RE1 (Water)
18-Jun-13 12:55

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
cis-1,2-Dichloroethene	**81**	2.0		ug/L	24-Jun-13	24-Jun-13	EPA 8260C
Trichloroethene	**170**	2.0		ug/L	24-Jun-13	24-Jun-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*26-175*		*24-Jun-13*	*24-Jun-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*73.2 %*	*86-126*		*24-Jun-13*	*24-Jun-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*98.6 %*	*81-130*		*24-Jun-13*	*24-Jun-13*	*EPA 8260C*
Surrogate: Toluene-d8		*94.6 %*	*82-127*		*24-Jun-13*	*24-Jun-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	12-Jul-13 16:09

RNS-MW6-(52.5)
T306134-14RE2 (Water)
18-Jun-13 12:55

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Tetrachloroethene	**580**	10		ug/L	24-Jun-13	24-Jun-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*26-175*		*24-Jun-13*	*24-Jun-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*77.8 %*	*86-126*		*24-Jun-13*	*24-Jun-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*100 %*	*81-130*		*24-Jun-13*	*24-Jun-13*	*EPA 8260C*
Surrogate: Toluene-d8		*100 %*	*82-127*		*24-Jun-13*	*24-Jun-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	12-Jul-13 16:09

RNS-MW6-(52.5) DUP
T306134-15 (Water)
18-Jun-13 12:56

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,1-Dichloroethene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
2-Butanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
2-Hexanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acetone	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acrolein	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Acrylonitrile	5.0 U	5.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Benzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Bromomethane	0.5 UJ	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Carbon Disulfide	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloroform	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Chloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
m/p-Xylene	1.0 U	1.0	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Methyl tert-butyl ether	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Methylene Chloride	**0.8 UJ**	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
o-Xylene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Styrene	0.5 U	0.5	ug/L	21-Jun-13	21-Jun-13	EPA 8260C

Center for Urban Waters - Environmental Services Lab

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.

Reviewed By

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	12-Jul-13 16:09

RNS-MW6-(52.5) DUP
T306134-15 (Water)
18-Jun-13 12:56

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Toluene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
trans-1,2-Dichloroethene	**1.1**	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Vinyl Chloride	**0.4**	0.2		ug/L	21-Jun-13	21-Jun-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*26-175*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*88.4 %*	*86-126*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*103 %*	*81-130*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*
Surrogate: Toluene-d8		*101 %*	*82-127*		*21-Jun-13*	*21-Jun-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	12-Jul-13 16:09

RNS-MW6-(52.5) DUP

T306134-15RE1 (Water)

18-Jun-13 12:56

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
cis-1,2-Dichloroethene	**72**	2.0		ug/L	24-Jun-13	24-Jun-13	EPA 8260C
Trichloroethene	**150**	2.0		ug/L	24-Jun-13	24-Jun-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*26-175*		*24-Jun-13*	*24-Jun-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*72.8 %*	*86-126*		*24-Jun-13*	*24-Jun-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*97.6 %*	*81-130*		*24-Jun-13*	*24-Jun-13*	*EPA 8260C*
Surrogate: Toluene-d8		*93.2 %*	*82-127*		*24-Jun-13*	*24-Jun-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
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RNS-MW6-(52.5) DUP
T306134-15RE2 (Water)
18-Jun-13 12:56

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Tetrachloroethene	**520**	10		ug/L	24-Jun-13	24-Jun-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*26-175*		*24-Jun-13*	*24-Jun-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*78.8 %*	*86-126*		*24-Jun-13*	*24-Jun-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*99.6 %*	*81-130*		*24-Jun-13*	*24-Jun-13*	*EPA 8260C*
Surrogate: Toluene-d8		*99.2 %*	*82-127*		*24-Jun-13*	*24-Jun-13*	*EPA 8260C*

VOA - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1325084 - Volatile Organics No-Prep									
Blank (1325084-BLK1)			Prepared & Analyzed: 21-Jun-13						
1,1,1-Trichloroethane	0.5 U	ug/L							
1,1,2,2-Tetrachloroethane	0.5 U	ug/L							
1,1,2-Trichloroethane	0.5 U	ug/L							
1,1,2-Trichlorotrifluoroethane	0.5 U	ug/L							
1,1-Dichloroethane	0.5 U	ug/L							
1,1-Dichloroethene	0.5 U	ug/L							
1,2-Dibromoethane	0.5 U	ug/L							
1,2-Dichlorobenzene	0.5 U	ug/L							
1,2-Dichloroethane	0.5 U	ug/L							
Surrogate: 1,2-Dichloroethane-d4	*21*	ug/L	*20.0*		*106*	*26-175*			
1,2-Dichloropropane	0.5 U	ug/L							
1,3-Dichlorobenzene	0.5 U	ug/L							
1,4-Dichlorobenzene	0.5 U	ug/L							
2-Butanone	5.0 U	ug/L							
2-Hexanone	5.0 U	ug/L							
Surrogate: 4-Bromofluorobenzene	*18*	ug/L	*20.0*		*88.1*	*86-126*			
4-Methyl-2-pentanone	5.0 U	ug/L							
Acetone	5.0 U	ug/L							
Acrolein	5.0 U	ug/L							
Acrylonitrile	5.0 U	ug/L							
Benzene	0.5 U	ug/L							
Bromodichloromethane	0.5 U	ug/L							
Bromoform	0.5 U	ug/L							
Bromomethane	0.5 UJ	ug/L							
Carbon Disulfide	0.5 U	ug/L							
Carbon Tetrachloride	0.5 U	ug/L							
Chlorobenzene	0.5 U	ug/L							
Chloroethane	0.5 U	ug/L							
Chloroform	0.5 U	ug/L							
Chloromethane	0.5 U	ug/L							
cis-1,2-Dichloroethene	0.2 U	ug/L							
cis-1,3-Dichloropropene	0.5 U	ug/L							

VOA - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1325084 - Volatile Organics No-Prep									
Blank (1325084-BLK1)			Prepared & Analyzed: 21-Jun-13						
Dibromochloromethane	0.5 U	ug/L							
Surrogate: Dibromofluoromethane	*20*	ug/L	*20.0*		*102*	*81-130*			
Ethylbenzene	0.5 U	ug/L							
m/p-Xylene	1.0 U	ug/L							
Methyl tert-butyl ether	0.5 U	ug/L							
Methylene Chloride	0.5 U	ug/L							
o-Xylene	0.5 U	ug/L							
Styrene	0.5 U	ug/L							
Tetrachloroethene	0.2 U	ug/L							
Toluene	0.5 U	ug/L							
Surrogate: Toluene-d8	*20*	ug/L	*20.0*		*100*	*82-127*			
trans-1,2-Dichloroethene	0.5 U	ug/L							
trans-1,3-Dichloropropene	0.5 U	ug/L							
Trichloroethene	0.2 U	ug/L							
Trichlorofluoromethane	0.5 U	ug/L							
Vinyl Acetate	0.5 U	ug/L							
Vinyl Chloride	0.2 U	ug/L							
LCS (1325084-BS1)			Prepared & Analyzed: 21-Jun-13						
1,1,1-Trichloroethane	**20**	**ug/L**	**20.0**		**101**	**82-121**			
1,1,2,2-Tetrachloroethane	**18**	**ug/L**	**20.0**		**91.7**	**77-137**			
1,1,2-Trichloroethane	**20**	**ug/L**	**20.0**		**98.0**	**88-125**			
1,1,2-Trichlorotrifluoroethane	**21**	**ug/L**	**20.0**		**107**	**80-120**			
1,1-Dichloroethane	**22**	**ug/L**	**20.0**		**112**	**86-124**			
1,1-Dichloroethene	**21**	**ug/L**	**20.0**		**104**	**87-114**			
1,2-Dibromoethane	**19**	**ug/L**	**20.0**		**94.4**	**80-120**			
1,2-Dichlorobenzene	**17**	**ug/L**	**20.0**		**85.1**	**79-140**			
1,2-Dichloroethane	**21**	**ug/L**	**20.0**		**104**	**85-130**			
Surrogate: 1,2-Dichloroethane-d4	*21*	ug/L	*20.0*		*104*	*26-175*			
1,2-Dichloropropane	**22**	**ug/L**	**20.0**		**111**	**88-131**			
1,3-Dichlorobenzene	**17**	**ug/L**	**20.0**		**83.5**	**82-133**			
1,4-Dichlorobenzene	**17**	**ug/L**	**20.0**		**82.6**	**62-138**			
2-Butanone	**210**	**ug/L**	**200**		**107**	**73-130**			

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VOA - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1325084 - Volatile Organics No-Prep									
LCS (1325084-BS1)			Prepared & Analyzed: 21-Jun-13						
2-Hexanone	**220**	**ug/L**	**200**		**108**	**70-138**			
Surrogate: 4-Bromofluorobenzene	*18*	ug/L	*20.0*		*92.0*	*86-126*			
4-Methyl-2-pentanone	**230**	**ug/L**	**200**		**113**	**66-134**			
Acetone	**220**	**ug/L**	**200**		**111**	**79-126**			
Acrolein	**230**	**ug/L**	**200**		**116**	**66-141**			
Acrylonitrile	**240**	**ug/L**	**200**		**118**	**86-124**			
Benzene	**21**	**ug/L**	**20.0**		**106**	**81-124**			
Bromodichloromethane	**20**	**ug/L**	**20.0**		**101**	**84-130**			
Bromoform	**18**	**ug/L**	**20.0**		**88.8**	**76-134**			
Bromomethane	**20**	**ug/L**	**20.0**		**100**	**64-147**			
Carbon Disulfide	**21**	**ug/L**	**20.0**		**104**	**71-139**			
Carbon Tetrachloride	**20**	**ug/L**	**20.0**		**99.5**	**80-120**			
Chlorobenzene	**19**	**ug/L**	**20.0**		**94.2**	**87-124**			
Chloroethane	**22**	**ug/L**	**20.0**		**110**	**61-140**			
Chloroform	**22**	**ug/L**	**20.0**		**109**	**88-121**			
Chloromethane	**22**	**ug/L**	**20.0**		**111**	**69-126**			
cis-1,2-Dichloroethene	**21**	**ug/L**	**20.0**		**103**	**85-121**			
cis-1,3-Dichloropropene	**19**	**ug/L**	**20.0**		**97.0**	**80-129**			
Dibromochloromethane	**19**	**ug/L**	**20.0**		**92.8**	**81-130**			
Surrogate: Dibromofluoromethane	*21*	ug/L	*20.0*		*104*	*81-130*			
Ethylbenzene	**19**	**ug/L**	**20.0**		**96.2**	**73-130**			
m/p-Xylene	**39**	**ug/L**	**40.0**		**96.5**	**76-127**			
Methyl tert-butyl ether	**21**	**ug/L**	**20.0**		**106**	**50-150**			
Methylene Chloride	**19**	**ug/L**	**20.0**		**95.0**	**70-130**			
o-Xylene	**19**	**ug/L**	**20.0**		**94.4**	**77-130**			
Styrene	**17**	**ug/L**	**20.0**		**84.6**	**78-129**			
Tetrachloroethene	**18**	**ug/L**	**20.0**		**89.7**	**81-126**			
Toluene	**20**	**ug/L**	**20.0**		**101**	**87-127**			
Surrogate: Toluene-d8	*20*	ug/L	*20.0*		*100*	*82-127*			
trans-1,2-Dichloroethene	**21**	**ug/L**	**20.0**		**103**	**85-120**			
trans-1,3-Dichloropropene	**20**	**ug/L**	**20.0**		**97.6**	**82-130**			
Trichloroethene	**18**	**ug/L**	**20.0**		**91.8**	**84-123**			
Trichlorofluoromethane	**21**	**ug/L**	**20.0**		**103**	**80-120**			

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Environmental Services Laboratory

Sample ID / Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1325084 - Volatile Organics No-Prep									
LCS (1325084-BS1)			Prepared & Analyzed: 21-Jun-13						
Vinyl Acetate	21	ug/L	20.0		104	63-133			
Vinyl Chloride	22	ug/L	20.0		111	69-126			
Matrix Spike (1325084-MS1)		**Source: T306134-04RE1**	Prepared & Analyzed: 24-Jun-13						
1,1,1-Trichloroethane	20	ug/L	20.0	ND	100	82-121			
1,1,2,2-Tetrachloroethane	19	ug/L	20.0	ND	96.0	77-137			
1,1,2-Trichloroethane	19	ug/L	20.0	ND	95.3	88-125			
1,1,2-Trichlorotrifluoroethane	21	ug/L	20.0	ND	106	80-120			
1,1-Dichloroethane	23	ug/L	20.0	ND	113	86-124			
1,1-Dichloroethene	21	ug/L	20.0	ND	106	87-114			
1,2-Dibromoethane	19	ug/L	20.0	ND	92.9	80-120			
1,2-Dichlorobenzene	17	ug/L	20.0	0.06	83.0	79-140			
1,2-Dichloroethane	20	ug/L	20.0	ND	101	85-130			
Surrogate: 1,2-Dichloroethane-d4	*21*	ug/L	*20.0*		*105*	*26-175*			
1,2-Dichloropropane	22	ug/L	20.0	ND	109	88-131			
1,3-Dichlorobenzene	16	ug/L	20.0	0.07	78.9	82-133			
1,4-Dichlorobenzene	16	ug/L	20.0	0.06	77.4	62-138			
2-Butanone	210	ug/L	200	ND	106	73-130			
2-Hexanone	210	ug/L	200	ND	104	70-138			
Surrogate: 4-Bromofluorobenzene	*18*	ug/L	*20.0*		*91.8*	*86-126*			
4-Methyl-2-pentanone	220	ug/L	200	0.02	110	66-134			
Acetone	200	ug/L	200	ND	102	79-126			
Acrolein	240	ug/L	200	ND	120	66-141			
Acrylonitrile	240	ug/L	200	ND	121	86-124			
Benzene	21	ug/L	20.0	ND	106	81-124			
Bromodichloromethane	20	ug/L	20.0	ND	101	84-130			
Bromoform	17	ug/L	20.0	ND	85.6	76-134			
Bromomethane	15	ug/L	20.0	0.07	74.2	64-147			
Carbon Disulfide	21	ug/L	20.0	0.2	103	71-139			
Carbon Tetrachloride	20	ug/L	20.0	ND	99.6	80-120			
Chlorobenzene	18	ug/L	20.0	ND	92.0	87-124			
Chloroethane	22	ug/L	20.0	ND	111	61-140			
Chloroform	22	ug/L	20.0	ND	110	88-121			

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Environmental Services Laboratory

Sample ID / Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1325084 - Volatile Organics No-Prep									
Matrix Spike (1325084-MS1)	**Source: T306134-04RE1** Prepared & Analyzed: 24-Jun-13								
Chloromethane	**22**	**ug/L**	**20.0**	**0.08**	**109**	**69-126**			
cis-1,2-Dichloroethene	**32**	**ug/L**	**20.0**	**11**	**108**	**85-121**			
cis-1,3-Dichloropropene	**19**	**ug/L**	**20.0**	**ND**	**95.6**	**80-129**			
Dibromochloromethane	**19**	**ug/L**	**20.0**	**ND**	**93.0**	**81-130**			
Surrogate: Dibromofluoromethane	*21*	ug/L	*20.0*		*103*	*81-130*			
Ethylbenzene	**19**	**ug/L**	**20.0**	**0.02**	**94.6**	**73-130**			
m/p-Xylene	**38**	**ug/L**	**40.0**	**0.08**	**93.6**	**76-127**			
Methyl tert-butyl ether	**21**	**ug/L**	**20.0**	**ND**	**107**	**50-150**			
Methylene Chloride	**19**	**ug/L**	**20.0**	**0.4**	**93.6**	**70-130**			
o-Xylene	**19**	**ug/L**	**20.0**	**ND**	**94.6**	**77-130**			
Styrene	**17**	**ug/L**	**20.0**	**ND**	**84.6**	**78-129**			
Tetrachloroethene	**56**	**ug/L**	**20.0**	**40**	**79.2**	**81-126**			
Toluene	**20**	**ug/L**	**20.0**	**ND**	**100**	**87-127**			
Surrogate: Toluene-d8	*20*	ug/L	*20.0*		*101*	*82-127*			
trans-1,2-Dichloroethene	**20**	**ug/L**	**20.0**	**ND**	**102**	**85-120**			
trans-1,3-Dichloropropene	**19**	**ug/L**	**20.0**	**ND**	**95.0**	**82-130**			
Trichloroethene	**28**	**ug/L**	**20.0**	**9.6**	**91.6**	**84-123**			
Trichlorofluoromethane	**21**	**ug/L**	**20.0**	**ND**	**103**	**80-120**			
Vinyl Acetate	**21**	**ug/L**	**20.0**	**ND**	**107**	**63-133**			
Vinyl Chloride	**22**	**ug/L**	**20.0**	**0.1**	**111**	**68-127**			
Matrix Spike Dup (1325084-MSD1)	**Source: T306134-04RE1** Prepared & Analyzed: 24-Jun-13								
1,1,1-Trichloroethane	**21**	**ug/L**	**20.0**	**ND**	**107**	**82-121**	**6.84**	**20**	
1,1,2,2-Tetrachloroethane	**21**	**ug/L**	**20.0**	**ND**	**105**	**77-137**	**9.24**	**20**	
1,1,2-Trichloroethane	**21**	**ug/L**	**20.0**	**ND**	**105**	**88-125**	**9.50**	**20**	
1,1,2-Trichlorotrifluoroethane	**22**	**ug/L**	**20.0**	**ND**	**112**	**80-120**	**4.95**	**20**	
1,1-Dichloroethane	**24**	**ug/L**	**20.0**	**ND**	**122**	**86-124**	**7.74**	**20**	
1,1-Dichloroethene	**22**	**ug/L**	**20.0**	**ND**	**112**	**87-114**	**4.96**	**20**	
1,2-Dibromoethane	**20**	**ug/L**	**20.0**	**ND**	**102**	**80-120**	**9.34**	**20**	
1,2-Dichlorobenzene	**18**	**ug/L**	**20.0**	**0.06**	**87.6**	**79-140**	**5.26**	**20**	
1,2-Dichloroethane	**22**	**ug/L**	**20.0**	**ND**	**110**	**85-130**	**8.30**	**20**	
Surrogate: 1,2-Dichloroethane-d4	*20*	ug/L	*20.0*		*102*	*26-175*			
1,2-Dichloropropane	**24**	**ug/L**	**20.0**	**ND**	**119**	**88-131**	**9.11**	**20**	

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Sample ID Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1325084 - Volatile Organics No-Prep									
Matrix Spike Dup (1325084-MSD1)	**Source: T306134-04RE1**	Prepared & Analyzed: 24-Jun-13							
1,3-Dichlorobenzene	**17**	**ug/L**	**20.0**	**0.07**	**82.8**	**82-133**	**4.80**	**20**	
1,4-Dichlorobenzene	**16**	**ug/L**	**20.0**	**0.06**	**82.0**	**62-138**	**5.69**	**20**	
2-Butanone	**210**	**ug/L**	**200**	**ND**	**106**	**73-130**	**0.505**	**20**	
2-Hexanone	**210**	**ug/L**	**200**	**ND**	**106**	**70-138**	**2.17**	**20**	
Surrogate: 4-Bromofluorobenzene	*18*	ug/L	*20.0*		*89.0*	*86-126*			
4-Methyl-2-pentanone	**220**	**ug/L**	**200**	**0.02**	**112**	**66-134**	**1.97**	**20**	
Acetone	**210**	**ug/L**	**200**	**ND**	**104**	**79-126**	**1.44**	**20**	
Acrolein	**250**	**ug/L**	**200**	**ND**	**123**	**66-141**	**2.93**	**20**	
Acrylonitrile	**250**	**ug/L**	**200**	**ND**	**123**	**86-124**	**1.98**	**20**	
Benzene	**23**	**ug/L**	**20.0**	**ND**	**113**	**81-124**	**5.97**	**20**	
Bromodichloromethane	**22**	**ug/L**	**20.0**	**ND**	**109**	**84-130**	**7.32**	**20**	
Bromoform	**19**	**ug/L**	**20.0**	**ND**	**94.6**	**76-134**	**9.93**	**20**	
Bromomethane	**14**	**ug/L**	**20.0**	**0.07**	**68.5**	**64-147**	**7.88**	**20**	
Carbon Disulfide	**22**	**ug/L**	**20.0**	**0.2**	**109**	**71-139**	**5.90**	**20**	
Carbon Tetrachloride	**21**	**ug/L**	**20.0**	**ND**	**105**	**80-120**	**5.47**	**20**	
Chlorobenzene	**20**	**ug/L**	**20.0**	**ND**	**99.2**	**87-124**	**7.53**	**20**	
Chloroethane	**22**	**ug/L**	**20.0**	**ND**	**110**	**61-140**	**1.22**	**20**	
Chloroform	**23**	**ug/L**	**20.0**	**ND**	**116**	**88-121**	**5.29**	**20**	
Chloromethane	**22**	**ug/L**	**20.0**	**0.08**	**108**	**69-126**	**0.0918**	**20**	
cis-1,2-Dichloroethene	**33**	**ug/L**	**20.0**	**11**	**110**	**85-121**	**0.895**	**20**	
cis-1,3-Dichloropropene	**20**	**ug/L**	**20.0**	**ND**	**102**	**80-129**	**6.77**	**20**	
Dibromochloromethane	**20**	**ug/L**	**20.0**	**ND**	**102**	**81-130**	**8.79**	**20**	
Surrogate: Dibromofluoromethane	*20*	ug/L	*20.0*		*102*	*81-130*			
Ethylbenzene	**20**	**ug/L**	**20.0**	**0.02**	**101**	**73-130**	**6.58**	**20**	
m/p-Xylene	**40**	**ug/L**	**40.0**	**0.08**	**100**	**76-127**	**6.70**	**20**	
Methyl tert-butyl ether	**23**	**ug/L**	**20.0**	**ND**	**114**	**50-150**	**6.73**	**20**	
Methylene Chloride	**20**	**ug/L**	**20.0**	**0.4**	**99.7**	**70-130**	**6.18**	**20**	
o-Xylene	**20**	**ug/L**	**20.0**	**ND**	**99.6**	**77-130**	**5.20**	**20**	
Styrene	**18**	**ug/L**	**20.0**	**ND**	**89.0**	**78-129**	**5.07**	**20**	
Toluene	**22**	**ug/L**	**20.0**	**ND**	**108**	**87-127**	**7.39**	**20**	
Surrogate: Toluene-d8	*20*	ug/L	*20.0*		*101*	*82-127*			
trans-1,2-Dichloroethene	**22**	**ug/L**	**20.0**	**ND**	**108**	**85-120**	**5.72**	**20**	
trans-1,3-Dichloropropene	**20**	**ug/L**	**20.0**	**ND**	**102**	**82-130**	**7.15**	**20**	

Center for Urban Waters - Environmental Services Lab

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.

Reviewed By

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	12-Jul-13 16:09

VOA - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1325084 - Volatile Organics No-Prep									
Matrix Spike Dup (1325084-MSD1)	**Source: T306134-04RE1** Prepared & Analyzed: 24-Jun-13								
Trichloroethene	**28**	**ug/L**	**20.0**	**9.6**	**94.0**	**84-123**	**1.67**	**20**	
Trichlorofluoromethane	**21**	**ug/L**	**20.0**	**ND**	**103**	**80-120**	**0.388**	**20**	
Vinyl Acetate	**23**	**ug/L**	**20.0**	**ND**	**115**	**63-133**	**7.46**	**20**	
Vinyl Chloride	**22**	**ug/L**	**20.0**	**0.1**	**112**	**68-127**	**0.851**	**20**	
Matrix Spike Dup (1325084-MSD2)	**Source: T306134-04RE1** Prepared & Analyzed: 24-Jun-13								
Surrogate: 1,2-Dichloroethane-d4	*20*	ug/L	*20.0*		*102*	*26-175*			
Surrogate: 4-Bromofluorobenzene	*18*	ug/L	*20.0*		*89.2*	*86-126*			
Surrogate: Dibromofluoromethane	*20*	ug/L	*20.0*		*101*	*81-130*			
Tetrachloroethene	**38**	**ug/L**	**20.0**	**20**	**87.0**	**81-126**	**39.8**	**20**	
Surrogate: Toluene-d8	*20*	ug/L	*20.0*		*101*	*82-127*			

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	12-Jul-13 16:09

Notes and Definitions

UJ	Analyte not detected at or above the associated estimated value
J	The result is an estimated concentration.
U	Analyte Not Detected at or above the associated value
UJ	Analyte Not Detected at or above the associated estimated value
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

CHAIN OF CUSTODY

City of Tacoma Environmental Services
326 East D Street
Tacoma
WA, 98421-1801
phone (253) 502-2130
fax (253) 502-2170

COC Number

Lab Work Order Number T306134

Client Name: PW Science and Engineering		Project Name: Sauro Property RIFS	
Client Contact: Calvin Taylor		Project Number: CIP-00020-01-03	
Address: 326 East D Street		Project Description: Sauro Property Monitoring Wells	
City: Tacoma		PO Number: 61000055543	
State/Zip: WA, 98421		Sampler Signatures: Bill Essmeier, Ryan Coore	
Phone: (253) 593-7711	Fax: (253) 502-2295		
Samplers: Bill Essmeier, ~~Mark Bozlee~~ Ryan Coore			

Requested Analyses: Field Measurement; EPA 8260C

Requested Turn Around: Rush requests subject to additional charge. Rush requests subject to lab approval. Standard (days); Expedited (days); Due Date

Sample Name or Field ID #	Sampled Date	Sampled Time	Sample Type Code	Matrix Code	Container Count	Field Measurement	EPA 8260C	Sample #	Sample Comments
Trip Blank	6/14/2013	1000	G	W	3		3	-01	
MW1-PP	6/14/2013	1350	G	W	3		3	-02	
MW2-PP	6/14/2013	1335	G	W	3		3	-03	
MW13-(51.5)	6/14/2013	1240	G	W	6		6	-04	QC
LAI-MW1-(63)	6/14/2013	1220	G	W	3		3	-05	
LAI-MW2-(65)	6/14/2013	1155	G	W	3		3	-06	
LAI-MW3-(75)	6/14/2013	1208	G	W	3		3	-07	
LAI-MW4-(25)	6/14/2013	11:37	G	W	3		3	-08	
LAI-MW5-(42)	6/14/2013	1308	G	W	3		3	-09	
LAI-MW5-(50)	6/14/2013	1310	G	W	3		3	-10	
RNS-MW2-(21.5)	6/14/2013	1325	G	W	3		3	-11	
RNS-MW2-(38.5)	6/14/2013	1326	G	W	3		3	-12	

Relinquished By: 6/18/13	Received By: Bill Essmeier	Date/Time: 6-18-2013 1500
Relinquished By	Received By	Date/Time
Relinquished By	Received By	Date/Time
Cooler Numbers and Temperatures		

Comments

Matrix Codes: W=Water

Preserv. Codes:

Login Reviewed By: _____

Login Reviewed Date: 6/19/13

CHAIN OF CUSTODY

City of Tacoma Environmental Services
326 East D Street
Tacoma
WA, 98421-1801
phone (253) 502-2130
fax (253) 502-2170

COC Number

Lab Work Order Number T306134

Client Name: PW Science and Engineering	Project Name: Sauro Property RIFS
Client Contact: Calvin Taylor	Project Number: CIP-00020-01-03
Address: 326 East D Street	Project Description: Sauro Property Monitoring Wells
City: Tacoma	PO Number: 61000055543
State/Zip: WA, 98421	Sampler Signatures: Bill Essmeier, Ryan Gore
Phone: (253) 593-7711 / Fax: (253) 502-2295	
Samplers: Bill Essmeier, ~~Mark Bozlee~~ Ryan Gore	

Requested Analyses: Field Measurement; EPA 8260C; Sample #

Requested Turn Around: Rush requests subject to additional charge. Rush requests subject to lab approval. Standard (days); Expedited (days); Due Date

Sample Name or Field ID #	Sampled Date	Sampled Time	Sample Type Code	Matrix Code	Container Count	EPA 8260C	Sample #	Sample Comments
	6/18/13 BE							
RNS-MW6-(42.5)	6/14/2013	1254	G	W	3	3	-13	
RNS-MW6-(52.5)	6/14/2013	1255	G	W	3	3	-14	
~~LAI-MW3~~ DUP	6/14/2013		G	W	3	3	-15	
RNS-MW6-52.5 DUP	6-18-13	1256						

Relinquished By	Received By: Bill Essmeier	Date/Time: 6-18-2013 1500
Relinquished By	Received By	Date/Time
Relinquished By	Received By	Date/Time
Cooler Numbers and Temperatures		

Comments

Matrix Codes: W=Water

Preserv. Codes:

Login Reviewed By: _____

Login Reviewed Date: 6/19/13

Sauro Property Field data

T306 BE 134

Well	Level	Date	Time	Notes
Trip Blank	—	6-18-13	1000	Bill Esmeier Ryan Gore-Assistant RG
MW1-PP -02	16.51	6-18-13	13:50	3vials
	16.51	6-14-13	15:40	Pre-sample purge 2130mL
MW2-PP -03	15.62	6-18-13	1335	3vials
	15.60	6-14-13	15:34	Pre-sample purge 860mL
MW13-(51.5) QC -04	39.20	6-18-13	1240	6vials
LAI-MW1-(63) -05	44.30	6-18-13	12:20	3vials
LAI-MW2-(65) -06	44.30	6-18-13	11:55	3vials
LAI-MW3-(75) -07	50.82	6-18-13	12:08	3vials
LAI-MW4-(25) -08	12.33	6-18-13	11:37	3vials
LAI-MW5-(42) -09	24.18	6-18-13	1308	3vials
LAI-MW5-(50) -10	24.18	6-18-13	1310	3vials
RNS-MW2-(21.5) -11	16.81	6-18-13	13.25	3vials
RNS-MW2-(38.5) -12	16.81	6-18-13	13.26	3vials
RNS-MW6-(42.5) -13	39.30	6-18-13	12:54	3vials
RNS-MW6-(52.5) -14	39.30	6-18-13	12:55	3vials
RNS-MW6-DUP(52.5)	39.30	6-18-13	12:56	DUP 3vials
MW13-(51.5)				QC

INVOICE

T306134

Invoice To:
Calvin Taylor
PW Science and Engineering
326 East D Street
Tacoma, WA 98421

Invoice Number: T306134-PWSED **Project:** Sauro Property RIFS
Invoiced On: 08-Jul-13
Received: 18-Jun-13

PO Number: 61000055543 **Client Contact:** Calvin Taylor - PW Science and Engineering
Lab Contact: Gregory Perez - Environmental Services Laboratory

Quantity	Analysis/Description	Matrix	Unit Cost	Extended Cost
Environmental Services Laboratory				
13	Water Level	Water	$10.00	$130.00
15	VOA_8260	Water	$160.00	$2,400.00
9	VOA_8260 - Reruns	Water	$0.00	$0.00
Additional Items				
12	Diffusion Bags		$17.00	$204.00
1	QA/QC Charge			$253.00
15	Sampling Fee 1		$45.00	$675.00
			Invoice Total:	**$3,662.00**

City of Tacoma
Environmental Services Laboratory

08 October 2013

Calvin Taylor
PW Science and Engineering
326 East D Street
Tacoma, WA 98421

Subject: Sauro Property MNA

Enclosed are the analytical results for samples collected between 09/10/2013 and 09/12/2013.

The samples were sent to TestAmerica Seattle for analysis of methane, ethane, ethylene and acetylene (MEEA) by EPA method RSK-175. Their results are included.

Oxidation Reduction Potential results have to be printed from a different report format. They are added to the report as pages 4 of 16 thru 14 of 16.

If you have any questions concerning this report, call me at (253)502-2130. Please note that the samples associated with this report will be discarded 3 months from the date of this report unless we are notified otherwise.

Sincerely,

Stuart Magoon
Assistant Division Manager
Environmental Services Laboratory

cc.

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:46

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled
LAI-MW1	T309098-01	Water	11-Sep-13 15:40
LAI-MW2	T309098-02	Water	11-Sep-13 14:08
LAI-MW3	T309098-03	Water	11-Sep-13 14:55
LAI-MW4	T309098-04	Water	11-Sep-13 11:53
LAI-MW5	T309098-05	Water	11-Sep-13 12:35
MW1-PP	T309098-06	Water	12-Sep-13 11:30
MW2-PP	T309098-07	Water	12-Sep-13 11:40
MW13	T309098-08	Water	10-Sep-13 15:35
RNS-MW2	T309098-09	Water	10-Sep-13 14:10
RNS-MW6	T309098-10	Water	10-Sep-13 16:20
RNS-MW7	T309098-11	Water	10-Sep-13 14:48
MW13-DUP	T309098-12	Water	10-Sep-13 15:37
Trip Blank	T309098-13	Water	12-Sep-13 10:00
MW-JS2	T309098-14	Water	12-Sep-13 14:40
RNS-MW3 level	T309098-16	Water	12-Sep-13 12:00
RNS-MW4 level	T309098-17	Water	12-Sep-13 12:00
RNS-MW5 level	T309098-18	Water	12-Sep-13 12:00

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.

Reviewed By

CHAIN OF CUSTODY

The samples were received under appropriate Chain of Custody procedures.

SAMPLE RECEIPT, PRESERVATION AND STORAGE

Samples were properly preserved and stored in accordance with the applicable method requirements. There was insufficient water to perform any field analyses for sample T309098-06. There was insufficient water for Field analysis of Conductivity, Dissolved Oxygen, and Iron Ferrous Hach Field Kit for Sample T309098-07.

HOLDING TIMES

All analyses were performed within the required holding times, except for Nitrate in samples T309098-08, -09, -10, -11, and -12 and Nitrite samples T309098-04, -05, -08, -09, -10, -11, and -12. The values of the Nitrate and Nitrite samples that were past holding time were qualified (J) estimated.

METHODS

The samples were analyzed by the following method:

Standard Methods 4500-Cl-E for Chloride
Standard Methods 5310B for Total Organic Carbon
Standard Methods 4500-SO4 E for Total Sulfate
Standard Methods 4500-S2D for Sulfide
EPA Method 170.1 for Temperature
EPA Method 353.2 for Nitrate
EPA Method 353.2 for Nitrite
Field Specific Conductivity
Oxydation Reduction Potential
Iron, Ferrous Hach Field Kit
Dissolved Oxygen, Field
pH, Field
Turbidity, Field
Water Level

CONTRACT LABS

The samples were sent to TestAmerica Seattle for analysis of methane, ethane, ethylene and acetylene (MEEA) by EPA method RSK-175.

MINIMUM REPORTING LIMITS

All analytes are reported to the Practical Quantitation Limit (PQL) which is below or no greater than the Minimum Project Reporting Limit.

BLANKS

Sample T309098-13 was a Trip Blank for RSK-175. Blanks were analyzed at the required frequencies of the methods. There was a minimum of one Method Blank for each analytical method. Blank values were less than the Practical Quantitation Limits or sample concentrations were greater than 5 times the blank values.

LABORATORY CONTROL SAMPLES

Laboratory Control Samples were analyzed with these samples for all parameters. The recoveries for all associated LCS were within the laboratory limits.

DUPLICATE SAMPLE ANALYSIS

Duplicate analysis was performed with these samples. Relative percent differences were within the laboratory or project limits.

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE ANALYSIS

Matrix Spike and Matrix Spike Duplicate analysis was performed with these samples. The recoveries were within the laboratory control limits.

FIELD DUPLICATES

Samples T309098-08 and T309098-12 (MW13) were submitted as field duplicates. The Compounds that were detected in the field duplicate pair are listed in the table below:

Analyte	Units	T309098-08 Result	T309098-12 (DUP) Result	RPD
Chloride	mg/L	10.2	10.2	0
Nitrate	mg/L	1.01	0.989	21
Nitrite	mg/L	0.019	0.011	53
Sulfate	mg/L	34.6	32.0	7.8
TOC	mg/L	8.79	11.8	29

The Field Duplicates are screened against a RPD of 75%. All comparisons met the screening criteria. No data is qualified.

DATA AVAILABILITY

All data associated with the samples referenced in this report are archived at the Environmental Services Laboratory and are available upon request.

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:46

LAI-MW1

T309098-01 (Water)

11-Sep-13 15:40

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
CONVENTIONAL						
Chloride	**47.8**	1.00	mg/L	19-Sep-13	19-Sep-13	SM 4500-Cl⁻ E
Nitrate as N	**1.40**	0.010	mg/L	13-Sep-13	13-Sep-13	EPA 353.2
Nitrite as N	**0.025**	0.010	mg/L	13-Sep-13	13-Sep-13	353.2
Total Organic Carbon	**11.2**	1.00	mg/L	23-Sep-13	27-Sep-13	SM 5310 B
Sulfate	**25.8**	5.0	mg/L	19-Sep-13	19-Sep-13	SM 4500-SO4 E
Sulfide	0.150 U	0.150	mg/L	17-Sep-13	17-Sep-13	SM 4500-S2D
FIELD						
Conductivity	**545**	2.00	uS/cm	11-Sep-13	11-Sep-13	SM 2510 B
Dissolved oxygen	**1.20**	0.100	mg/L	11-Sep-13	11-Sep-13	SM 4500-O G
Fe(II)	0.030 U	0.030	mg/L	11-Sep-13	11-Sep-13	HACH 8131
pH	**6.27**	0.100	pH Units	11-Sep-13	11-Sep-13	SM 4500-H+ B
Temperature	**66.7**	0.00	°F	11-Sep-13	11-Sep-13	EPA 170.1
Turbidity	**27.2**	10.0	NTU	11-Sep-13	11-Sep-13	SM 2130 B
Water Level	**45.00**	0.00	Feet	11-Sep-13	11-Sep-13	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:46

LAI-MW2

T309098-02 (Water)

11-Sep-13 14:08

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
CONVENTIONAL						
Chloride	**13.0**	1.00	mg/L	19-Sep-13	19-Sep-13	SM 4500-Cl⁻ E
Nitrate as N	0.010 U	0.010	mg/L	13-Sep-13	13-Sep-13	EPA 353.2
Nitrite as N	**0.015**	0.010	mg/L	13-Sep-13	13-Sep-13	353.2
Total Organic Carbon	**12.3**	1.00	mg/L	23-Sep-13	27-Sep-13	SM 5310 B
Sulfate	**18.9**	5.0	mg/L	19-Sep-13	19-Sep-13	SM 4500-SO4 E
Sulfide	0.150 U	0.150	mg/L	17-Sep-13	17-Sep-13	SM 4500-S2D
FIELD						
Conductivity	**506**	2.00	uS/cm	11-Sep-13	11-Sep-13	SM 2510 B
Dissolved oxygen	**2.90**	0.100	mg/L	11-Sep-13	11-Sep-13	SM 4500-O G
Fe(II)	0.030 U	0.030	mg/L	11-Sep-13	11-Sep-13	HACH 8131
pH	**7.08**	0.100	pH Units	11-Sep-13	11-Sep-13	SM 4500-H+ B
Temperature	**64.9**	0.00	°F	11-Sep-13	11-Sep-13	EPA 170.1
Turbidity	**41.5**	10.0	NTU	11-Sep-13	11-Sep-13	SM 2130 B
Water Level	**44.64**	0.00	Feet	11-Sep-13	11-Sep-13	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:46

LAI-MW3

T309098-03 (Water)

11-Sep-13 14:55

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
CONVENTIONAL						
Chloride	**19.3**	1.00	mg/L	19-Sep-13	19-Sep-13	SM 4500-Cl⁻ E
Nitrate as N	**0.655**	0.010	mg/L	13-Sep-13	13-Sep-13	EPA 353.2
Nitrite as N	**0.020**	0.010	mg/L	13-Sep-13	13-Sep-13	353.2
Total Organic Carbon	**16.0**	1.00	mg/L	23-Sep-13	27-Sep-13	SM 5310 B
Sulfate	**21.9**	5.0	mg/L	19-Sep-13	19-Sep-13	SM 4500-SO4 E
Sulfide	0.150 U	0.150	mg/L	17-Sep-13	17-Sep-13	SM 4500-S2D
FIELD						
Conductivity	**590**	2.00	uS/cm	11-Sep-13	11-Sep-13	SM 2510 B
Dissolved oxygen	**3.00**	0.100	mg/L	11-Sep-13	11-Sep-13	SM 4500-O G
Fe(II)	0.030 U	0.030	mg/L	11-Sep-13	11-Sep-13	HACH 8131
pH	**6.87**	0.100	pH Units	11-Sep-13	11-Sep-13	SM 4500-H+ B
Temperature	**59.4**	0.00	°F	11-Sep-13	11-Sep-13	EPA 170.1
Turbidity	**44.3**	10.0	NTU	11-Sep-13	11-Sep-13	SM 2130 B
Water Level	**51.10**	0.00	Feet	11-Sep-13	11-Sep-13	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:46

LAI-MW4

T309098-04 (Water)

11-Sep-13 11:53

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
CONVENTIONAL						
Chloride	**32.6**	1.00	mg/L	19-Sep-13	19-Sep-13	SM 4500-Cl⁻ E
Nitrate as N	0.010 U	0.010	mg/L	13-Sep-13	13-Sep-13	EPA 353.2
Nitrite as N	**0.055 Ja**	0.010	mg/L	13-Sep-13	13-Sep-13	353.2
Total Organic Carbon	**19.6**	1.00	mg/L	23-Sep-13	27-Sep-13	SM 5310 B
Sulfate	**11.1**	5.0	mg/L	19-Sep-13	19-Sep-13	SM 4500-SO4 E
Sulfide	0.150 U	0.150	mg/L	17-Sep-13	17-Sep-13	SM 4500-S2D
FIELD						
Conductivity	**717**	2.00	uS/cm	11-Sep-13	11-Sep-13	SM 2510 B
Dissolved oxygen	**2.60**	0.100	mg/L	11-Sep-13	11-Sep-13	SM 4500-O G
Fe(II)	**2.52**	0.120	mg/L	11-Sep-13	11-Sep-13	HACH 8131
pH	**6.70**	0.100	pH Units	11-Sep-13	11-Sep-13	SM 4500-H+ B
Temperature	**60.3**	0.00	°F	11-Sep-13	11-Sep-13	EPA 170.1
Turbidity	10.0 U	10.0	NTU	11-Sep-13	11-Sep-13	SM 2130 B
Water Level	**11.77**	0.00	Feet	11-Sep-13	11-Sep-13	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:46

LAI-MW5

T309098-05 (Water)

11-Sep-13 12:35

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
CONVENTIONAL						
Chloride	**56.3**	1.00	mg/L	19-Sep-13	19-Sep-13	SM 4500-Cl⁻ E
Nitrate as N	0.010 U	0.010	mg/L	13-Sep-13	13-Sep-13	EPA 353.2
Nitrite as N	**0.092 Ja**	0.010	mg/L	13-Sep-13	13-Sep-13	353.2
Total Organic Carbon	**24.4**	1.00	mg/L	23-Sep-13	27-Sep-13	SM 5310 B
Sulfate	**5.3**	5.0	mg/L	19-Sep-13	19-Sep-13	SM 4500-SO4 E
Sulfide	0.150 U	0.150	mg/L	17-Sep-13	17-Sep-13	SM 4500-S2D
FIELD						
Conductivity	**682**	2.00	uS/cm	11-Sep-13	11-Sep-13	SM 2510 B
Dissolved oxygen	**1.00**	0.100	mg/L	11-Sep-13	11-Sep-13	SM 4500-O G
Fe(II)	**2.52**	0.120	mg/L	11-Sep-13	11-Sep-13	HACH 8131
pH	**6.53**	0.100	pH Units	11-Sep-13	11-Sep-13	SM 4500-H+ B
Temperature	**61.5**	0.00	°F	11-Sep-13	11-Sep-13	EPA 170.1
Turbidity	**354**	10.0	NTU	11-Sep-13	11-Sep-13	SM 2130 B
Water Level	**24.42**	0.00	Feet	11-Sep-13	11-Sep-13	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:46

MW1-PP
T309098-06 (Water)
12-Sep-13 11:30

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
CONVENTIONAL						
Chloride	**64.3**	1.00	mg/L	19-Sep-13	19-Sep-13	SM 4500-Cl⁻ E
Nitrate as N	0.010 U	0.010	mg/L	13-Sep-13	13-Sep-13	EPA 353.2
Nitrite as N	**0.124**	0.010	mg/L	13-Sep-13	13-Sep-13	353.2
Total Organic Carbon	**13.4**	1.00	mg/L	23-Sep-13	27-Sep-13	SM 5310 B
Sulfate	**39.7**	5.0	mg/L	19-Sep-13	19-Sep-13	SM 4500-SO4 E
Sulfide	0.150 U	0.150	mg/L	17-Sep-13	17-Sep-13	SM 4500-S2D
FIELD						
Water Level	**17.67**	0.00	Feet	12-Sep-13	12-Sep-13	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:46

MW2-PP
T309098-07 (Water)
12-Sep-13 11:40

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
CONVENTIONAL						
Chloride	**66.3**	1.00	mg/L	19-Sep-13	19-Sep-13	SM 4500-Cl⁻ E
Nitrate as N	**1.63**	0.010	mg/L	13-Sep-13	13-Sep-13	EPA 353.2
Nitrite as N	**0.019**	0.010	mg/L	13-Sep-13	13-Sep-13	353.2
Total Organic Carbon	**6.74**	1.00	mg/L	23-Sep-13	27-Sep-13	SM 5310 B
Sulfate	**50.3**	5.0	mg/L	19-Sep-13	19-Sep-13	SM 4500-SO4 E
Sulfide	0.150 U	0.150	mg/L	17-Sep-13	17-Sep-13	SM 4500-S2D
FIELD						
pH	**7.44**	0.100	pH Units	12-Sep-13	12-Sep-13	SM 4500-H+ B
Temperature	**63.9**	0.00	°F	12-Sep-13	12-Sep-13	EPA 170.1
Turbidity	10.0 U	10.0	NTU	12-Sep-13	12-Sep-13	SM 2130 B
Water Level	**16.00**	0.00	Feet	12-Sep-13	12-Sep-13	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:46

MW13
T309098-08 (Water)
10-Sep-13 15:35

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
CONVENTIONAL						
Chloride	**10.2**	1.00	mg/L	19-Sep-13	19-Sep-13	SM 4500-Cl⁻ E
Nitrate as N	**1.01 Ja**	0.010	mg/L	13-Sep-13	13-Sep-13	EPA 353.2
Nitrite as N	**0.018 Ja**	0.010	mg/L	13-Sep-13	13-Sep-13	353.2
Total Organic Carbon	**8.79**	1.00	mg/L	23-Sep-13	27-Sep-13	SM 5310 B
Sulfate	**34.6**	5.0	mg/L	19-Sep-13	19-Sep-13	SM 4500-SO4 E
Sulfide	0.150 U	0.150	mg/L	17-Sep-13	17-Sep-13	SM 4500-S2D
FIELD						
Conductivity	**586**	2.00	uS/cm	10-Sep-13	10-Sep-13	SM 2510 B
Dissolved oxygen	**1.28**	0.100	mg/L	10-Sep-13	10-Sep-13	SM 4500-O G
Fe(II)	**0.240**	0.120	mg/L	10-Sep-13	10-Sep-13	HACH 8131
pH	**6.84**	0.100	pH Units	10-Sep-13	10-Sep-13	SM 4500-H+ B
Temperature	**61.0**	0.00	°F	10-Sep-13	10-Sep-13	EPA 170.1
Turbidity	**1560**	40.0	NTU	10-Sep-13	10-Sep-13	SM 2130 B
Water Level	**39.67**	0.00	Feet	10-Sep-13	10-Sep-13	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:46

RNS-MW2

T309098-09 (Water)

10-Sep-13 14:10

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
CONVENTIONAL						
Chloride	**18.5**	1.00	mg/L	19-Sep-13	19-Sep-13	SM 4500-Cl⁻ E
Nitrate as N	**3.02 Ja**	0.010	mg/L	13-Sep-13	13-Sep-13	EPA 353.2
Nitrite as N	**0.020 Ja**	0.010	mg/L	13-Sep-13	13-Sep-13	353.2
Total Organic Carbon	**6.68**	1.00	mg/L	23-Sep-13	27-Sep-13	SM 5310 B
Sulfate	**33.4**	5.0	mg/L	19-Sep-13	19-Sep-13	SM 4500-SO4 E
Sulfide	0.150 U	0.150	mg/L	17-Sep-13	17-Sep-13	SM 4500-S2D
FIELD						
Conductivity	**421**	2.00	uS/cm	10-Sep-13	10-Sep-13	SM 2510 B
Dissolved oxygen	**6.04**	0.100	mg/L	10-Sep-13	10-Sep-13	SM 4500-O G
Fe(II)	**0.800**	0.120	mg/L	10-Sep-13	10-Sep-13	HACH 8131
pH	**6.41**	0.100	pH Units	10-Sep-13	10-Sep-13	SM 4500-H+ B
Temperature	**62.4**	0.00	°F	10-Sep-13	10-Sep-13	EPA 170.1
Turbidity	**1060**	40.0	NTU	10-Sep-13	10-Sep-13	SM 2130 B
Water Level	**17.24**	0.00	Feet	10-Sep-13	10-Sep-13	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:46

RNS-MW6
T309098-10 (Water)
10-Sep-13 16:20

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
CONVENTIONAL						
Chloride	**21.0**	1.00	mg/L	19-Sep-13	19-Sep-13	SM 4500-Cl⁻ E
Nitrate as N	**0.317 Ja**	0.010	mg/L	13-Sep-13	13-Sep-13	EPA 353.2
Nitrite as N	**0.022 Ja**	0.010	mg/L	13-Sep-13	13-Sep-13	353.2
Total Organic Carbon	**11.6**	1.00	mg/L	23-Sep-13	27-Sep-13	SM 5310 B
Sulfate	**33.5**	5.0	mg/L	19-Sep-13	19-Sep-13	SM 4500-SO4 E
Sulfide	0.150 U	0.150	mg/L	17-Sep-13	17-Sep-13	SM 4500-S2D
FIELD						
Conductivity	**690**	2.00	uS/cm	10-Sep-13	10-Sep-13	SM 2510 B
Dissolved oxygen	**3.72**	0.100	mg/L	10-Sep-13	10-Sep-13	SM 4500-O G
Fe(II)	**0.180**	0.090	mg/L	10-Sep-13	10-Sep-13	HACH 8131
pH	**6.82**	0.100	pH Units	10-Sep-13	10-Sep-13	SM 4500-H+ B
Temperature	**59.2**	0.00	°F	10-Sep-13	10-Sep-13	EPA 170.1
Turbidity	**756**	30.0	NTU	10-Sep-13	10-Sep-13	SM 2130 B
Water Level	**36.40**	0.00	Feet	10-Sep-13	10-Sep-13	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:46

RNS-MW7
T309098-11 (Water)
10-Sep-13 14:48

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
CONVENTIONAL						
Chloride	**28.8**	1.00	mg/L	19-Sep-13	19-Sep-13	SM 4500-Cl⁻ E
Nitrate as N	**0.608 Ja**	0.010	mg/L	13-Sep-13	13-Sep-13	EPA 353.2
Nitrite as N	**0.012 Ja**	0.010	mg/L	13-Sep-13	13-Sep-13	353.2
Total Organic Carbon	**6.06**	1.00	mg/L	23-Sep-13	27-Sep-13	SM 5310 B
Sulfate	**41.3**	5.0	mg/L	19-Sep-13	19-Sep-13	SM 4500-SO4 E
Sulfide	0.150 U	0.150	mg/L	17-Sep-13	17-Sep-13	SM 4500-S2D
FIELD						
Conductivity	**470**	2.00	uS/cm	10-Sep-13	10-Sep-13	SM 2510 B
Dissolved oxygen	**0.800**	0.100	mg/L	10-Sep-13	10-Sep-13	SM 4500-O G
Fe(II)	0.120 U	0.120	mg/L	10-Sep-13	10-Sep-13	HACH 8131
pH	**6.74**	0.100	pH Units	10-Sep-13	10-Sep-13	SM 4500-H+ B
Temperature	**59.4**	0.00	°F	10-Sep-13	10-Sep-13	EPA 170.1
Turbidity	**1090**	40.0	NTU	10-Sep-13	10-Sep-13	SM 2130 B
Water Level	**21.00**	0.00	Feet	10-Sep-13	10-Sep-13	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:46

MW13-DUP

T309098-12 (Water)

10-Sep-13 15:37

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
CONVENTIONAL						
Chloride	**10.2**	1.00	mg/L	19-Sep-13	19-Sep-13	SM 4500-Cl⁻ E
Nitrate as N	**0.989 Ja**	0.010	mg/L	13-Sep-13	13-Sep-13	EPA 353.2
Nitrite as N	**0.011 Ja**	0.010	mg/L	13-Sep-13	13-Sep-13	353.2
Total Organic Carbon	**11.8**	1.00	mg/L	23-Sep-13	27-Sep-13	SM 5310 B
Sulfate	**32.0**	5.0	mg/L	19-Sep-13	19-Sep-13	SM 4500-SO4 E
Sulfide	0.150 U	0.150	mg/L	17-Sep-13	17-Sep-13	SM 4500-S2D

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:46

MW-JS2
T309098-14 (Water)
12-Sep-13 14:40

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
CONVENTIONAL						
Chloride	**219**	10.0	mg/L	19-Sep-13	19-Sep-13	SM 4500-Cl⁻ E
Nitrate as N	0.010 U	0.010	mg/L	13-Sep-13	13-Sep-13	EPA 353.2
Nitrite as N	**0.028**	0.010	mg/L	13-Sep-13	13-Sep-13	353.2
Total Organic Carbon	**14.2**	1.00	mg/L	23-Sep-13	27-Sep-13	SM 5310 B
Sulfate	**15.6**	5.0	mg/L	19-Sep-13	19-Sep-13	SM 4500-SO4 E
Sulfide	0.150 U	0.150	mg/L	17-Sep-13	17-Sep-13	SM 4500-S2D
FIELD						
Conductivity	**1280**	2.00	uS/cm	12-Sep-13	12-Sep-13	SM 2510 B
Dissolved oxygen	**1.40**	0.100	mg/L	12-Sep-13	12-Sep-13	SM 4500-O G
Fe(II)	**1.90**	0.060	mg/L	12-Sep-13	12-Sep-13	HACH 8131
pH	**6.75**	0.100	pH Units	12-Sep-13	12-Sep-13	SM 4500-H+ B
Temperature	**56.7**	0.00	°F	12-Sep-13	12-Sep-13	EPA 170.1
Turbidity	**37.8**	20.0	NTU	12-Sep-13	12-Sep-13	SM 2130 B
Water Level	**6.90**	0.00	Feet	12-Sep-13	12-Sep-13	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:46

RNS-MW3 level
T309098-16 (Water)
12-Sep-13 12:00

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**10.95**	0.00	Feet	12-Sep-13	12-Sep-13	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:46

RNS-MW4 level
T309098-17 (Water)
12-Sep-13 12:00

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**17.95**	0.00	Feet	12-Sep-13	12-Sep-13	Field Measurement

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:46

RNS-MW5 level
T309098-18 (Water)
12-Sep-13 12:00

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**23.82**	0.00	Feet	12-Sep-13	12-Sep-13	Field Measurement

LAI-MW1
T309098-01 (Water)
11-Sep-13 15:40

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
RSK-175							
Acetylene	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Ethane	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Ethylene	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Methane	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Surrogate: Acetylene (Surr)		*90 %*	*62-124*			*24-Sep-13*	*RSK_175 Dissolved Gases (GC)*

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:46

LAI-MW2

T309098-02 (Water)

11-Sep-13 14:08

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
RSK-175							
Acetylene	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Ethane	0.0050 UJ	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Ethylene	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Methane	**0.026**	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Surrogate: Acetylene (Surr)		*90 %*	*62-124*			*24-Sep-13*	*RSK_175 Dissolved Gases (GC)*

Center for Urban Waters - Environmental Services Lab

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.

Reviewed By

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:46

LAI-MW3

T309098-03 (Water)

11-Sep-13 14:55

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
RSK-175							
Acetylene	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Ethane	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Ethylene	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Methane	0.0050 UJ	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Surrogate: Acetylene (Surr)		*90 %*	*62-124*			*24-Sep-13*	*RSK_175 Dissolved Gases (GC)*

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:46

LAI-MW4

T309098-04 (Water)

11-Sep-13 11:53

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
RSK-175							
Acetylene	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Ethane	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Ethylene	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Methane	**3.0**	0.10		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Surrogate: Acetylene (Surr)		*85 %*	*62-124*			*24-Sep-13*	*RSK_175 Dissolved Gases (GC)*

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:46

LAI-MW5

T309098-05 (Water)

11-Sep-13 12:35

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
RSK-175							
Acetylene	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Ethane	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Ethylene	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Methane	**11**	0.20		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Surrogate: Acetylene (Surr)		*90 %*	*62-124*			*24-Sep-13*	*RSK_175 Dissolved Gases (GC)*

PW Science and Engineering	Project: Sauro Property MNA	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:46

MW1-PP
T309098-06 (Water)
12-Sep-13 11:30

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
RSK-175							
Acetylene	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Ethane	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Ethylene	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Methane	**0.25**	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Surrogate: Acetylene (Surr)		*83 %*	*62-124*			*24-Sep-13*	*RSK_175 Dissolved Gases (GC)*

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:46

MW2-PP
T309098-07 (Water)
12-Sep-13 11:40

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
RSK-175							
Acetylene	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Ethane	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Ethylene	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Methane	**0.26**	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Surrogate: Acetylene (Surr)		*87 %*	*62-124*			*24-Sep-13*	*RSK_175 Dissolved Gases (GC)*

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:46

MW13
T309098-08 (Water)
10-Sep-13 15:35

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
RSK-175							
Acetylene	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Ethane	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Ethylene	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Methane	**0.0066**	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Surrogate: Acetylene (Surr)		*85 %*	*62-124*			*24-Sep-13*	*RSK_175 Dissolved Gases (GC)*

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:46

RNS-MW2
T309098-09 (Water)
10-Sep-13 14:10

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
RSK-175							
Acetylene	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Ethane	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Ethylene	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Methane	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Surrogate: Acetylene (Surr)		*90 %*	*62-124*			*24-Sep-13*	*RSK_175 Dissolved Gases (GC)*

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:46

RNS-MW6
T309098-10 (Water)
10-Sep-13 16:20

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
RSK-175							
Acetylene	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Ethane	**0.0092**	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Ethylene	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Methane	**0.068**	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Surrogate: Acetylene (Surr)		*86 %*	*62-124*			*24-Sep-13*	*RSK_175 Dissolved Gases (GC)*

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:46

RNS-MW7
T309098-11 (Water)
10-Sep-13 14:48

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
RSK-175							
Acetylene	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Ethane	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Ethylene	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Methane	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Surrogate: Acetylene (Surr)		*89 %*	*62-124*			*24-Sep-13*	*RSK_175 Dissolved Gases (GC)*

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:46

MW13-DUP
T309098-12 (Water)
10-Sep-13 15:37

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
RSK-175							
Acetylene	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Ethane	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Ethylene	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Methane	**0.0064**	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Surrogate: Acetylene (Surr)		*83 %*	*62-124*			*24-Sep-13*	*RSK_175 Dissolved Gases (GC)*

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:46

Trip Blank
T309098-13 (Water)
12-Sep-13 10:00

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
RSK-175							
Acetylene	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Ethane	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Ethylene	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Methane	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Surrogate: Acetylene (Surr)		*92 %*	*62-124*			*24-Sep-13*	*RSK_175 Dissolved Gases (GC)*

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:46

MW-JS2
T309098-14 (Water)
12-Sep-13 14:40

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
RSK-175							
Acetylene	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Ethane	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Ethylene	0.0050 U	0.0050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Methane	**0.97**	0.050		mg/L		24-Sep-13	RSK_175 Dissolved Gases (GC)
Surrogate: Acetylene (Surr)		*83 %*	*62-124*			*24-Sep-13*	*RSK_175 Dissolved Gases (GC)*

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:46

CONVENTIONAL - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1337084 - Conventionals No-Prep									
Duplicate (1337084-DUP1)	**Source: T309098-01**		Prepared & Analyzed: 13-Sep-13						
Nitrate as N	**1.40**	**mg/L**		**1.40**			**0.04**	**35**	
Matrix Spike (1337084-MS1)	**Source: T309098-01**		Prepared & Analyzed: 13-Sep-13						
Nitrate as N	**2.40**	**mg/L**	**1.00**	**1.40**	**100**	**70-130**			
Batch 1337086 - Conventionals No-Prep									
Blank (1337086-BLK1)			Prepared & Analyzed: 13-Sep-13						
Nitrite as N	0.010 U	mg/L							
Duplicate (1337086-DUP1)	**Source: T309098-01**		Prepared & Analyzed: 13-Sep-13						
Nitrite as N	**0.024**	**mg/L**		**0.025**			**2**	**35**	
Matrix Spike (1337086-MS1)	**Source: T309098-01**		Prepared & Analyzed: 13-Sep-13						
Nitrite as N	**1.09**	**mg/L**	**1.00**	**0.025**	**107**	**70-130**			
Reference (1337086-SRM1)			Prepared & Analyzed: 13-Sep-13						
Nitrite as N	**0.837**	**mg/L**	**0.779**		**107**	**90-110**			
Batch 1338026 - Conventionals No-Prep									
Blank (1338026-BLK1)			Prepared & Analyzed: 17-Sep-13						
Sulfide	0.150 U	mg/L							
LCS (1338026-BS1)			Prepared & Analyzed: 17-Sep-13						
Sulfide	**1.44**	**mg/L**	**1.63**		**89**	**50-130**			

CONVENTIONAL - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1338026 - Conventionals No-Prep									
Duplicate (1338026-DUP1)	**Source: T309098-01**		Prepared & Analyzed: 17-Sep-13						
Sulfide	0.150 U	mg/L		ND				20	
Matrix Spike (1338026-MS1)	**Source: T309098-01**		Prepared & Analyzed: 17-Sep-13						
Sulfide	**0.687**	**mg/L**	**1.00**	**ND**	**69**	**50-130**			
Batch 1338045 - Conventionals No-Prep									
Blank (1338045-BLK1)			Prepared & Analyzed: 19-Sep-13						
Sulfate	5.0 U	mg/L							
LCS (1338045-BS1)			Prepared & Analyzed: 19-Sep-13						
Sulfate	**54.9**	**mg/L**	**55.8**		**98**	**70-130**			
Duplicate (1338045-DUP1)	**Source: T309098-01**		Prepared & Analyzed: 19-Sep-13						
Sulfate	**25.7**	**mg/L**		**25.8**			**0.4**	**20**	
Matrix Spike (1338045-MS1)	**Source: T309098-01**		Prepared & Analyzed: 19-Sep-13						
Sulfate	**46.1**	**mg/L**	**20.0**	**25.8**	**102**	**75-125**			
Batch 1338059 - Conventionals No-Prep									
Blank (1338059-BLK1)			Prepared & Analyzed: 19-Sep-13						
Chloride	1.00 U	mg/L							
LCS (1338059-BS1)			Prepared & Analyzed: 19-Sep-13						
Chloride	**17.4**	**mg/L**	**17.8**		**98**	**80-120**			

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:46

CONVENTIONAL - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1338059 - Conventionals No-Prep									
Duplicate (1338059-DUP1)	**Source: T309098-01**		Prepared & Analyzed: 19-Sep-13						
Chloride	**45.3**	**mg/L**		**47.8**			**5**	**30**	
Matrix Spike (1338059-MS1)	**Source: T309098-01**		Prepared & Analyzed: 19-Sep-13						
Chloride	**65.0**	**mg/L**	**20.0**	**47.8**	**86**	**75-125**			
Batch 1339017 - Comb./IR									
Blank (1339017-BLK1)			Prepared: 23-Sep-13 Analyzed: 27-Sep-13						
Total Organic Carbon	1.00 U	mg/L							
LCS (1339017-BS1)			Prepared: 23-Sep-13 Analyzed: 27-Sep-13						
Total Organic Carbon	**20.6**	**mg/L**	**20.0**		**103**	**85-115**			
Matrix Spike (1339017-MS1)	**Source: T309098-01**		Prepared: 23-Sep-13 Analyzed: 27-Sep-13						
Total Organic Carbon	**57.2**	**mg/L**	**50.0**	**11.2**	**92**	**80-120**			
Matrix Spike (1339017-MS2)	**Source: T309098-10**		Prepared: 23-Sep-13 Analyzed: 27-Sep-13						
Total Organic Carbon	**58.0**	**mg/L**	**50.0**	**11.6**	**93**	**80-120**			
Matrix Spike Dup (1339017-MSD1)	**Source: T309098-01**		Prepared: 23-Sep-13 Analyzed: 27-Sep-13						
Total Organic Carbon	**53.2**	**mg/L**	**50.0**	**11.2**	**84**	**80-120**	**7**	**20**	

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:46

RSK-175 - Quality Control

TestAmerica Nashville

Sample ID / Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 109396 -									
MS (580-40293-1 MS)	Source: T309098-01		Prepared:	Analyzed: 24-Sep-13					
Acetylene	**0.451**	**mg/L**	**0.450**		**100**	**70-130**			
Ethane	**0.0998**	**mg/L**	**0.103**	**ND**	**97**	**71-120**			
Ethylene	**0.0982**	**mg/L**	**0.0958**	**ND**	**102**	**71-120**			
Methane	**0.0590**	**mg/L**	**0.0547**	**ND**	**108**	**46-142**			
MSD (580-40293-1 MSD)	Source: T309098-01		Prepared:	Analyzed: 24-Sep-13					
Acetylene	**0.431**	**mg/L**	**0.450**		**96**	**70-130**	**4**	**30**	
Ethane	**0.0983**	**mg/L**	**0.103**	**ND**	**96**	**71-120**	**2**	**30**	
Ethylene	**0.0981**	**mg/L**	**0.0958**	**ND**	**102**	**71-120**	**0**	**30**	
Methane	**0.0585**	**mg/L**	**0.0547**	**ND**	**107**	**46-142**	**1**	**30**	
LCS (LCS 490-109396/15)			Prepared:	Analyzed: 24-Sep-13					
Acetylene	**0.460**	**mg/L**	**0.450**		**102**	**80-120**			
Ethane	**0.104**	**mg/L**	**0.103**		**102**	**80-120**			
Ethylene	**0.101**	**mg/L**	**0.0958**		**106**	**80-120**			
Methane	**0.0573**	**mg/L**	**0.0547**		**105**	**80-120**			
LCSD (LCSD 490-109396/14)			Prepared:	Analyzed: 24-Sep-13					
Acetylene	**0.441**	**mg/L**	**0.450**		**98**	**80-120**	**4**	**33**	
Ethane	**0.104**	**mg/L**	**0.103**		**101**	**80-120**	**0**	**30**	
Ethylene	**0.103**	**mg/L**	**0.0958**		**107**	**80-120**	**1**	**29**	
Methane	**0.0575**	**mg/L**	**0.0547**		**105**	**80-120**	**0**	**33**	
MB (MB 490-109396/13)			Prepared:	Analyzed: 24-Sep-13					
Acetylene	0.0050 U	mg/L				-			
Surrogate: Acetylene (Surr)	*0.000*	mg/L				-			
MB (MB 490-109396/36)			Prepared:	Analyzed: 24-Sep-13					
Surrogate: Acetylene (Surr)	*0.437*	mg/L	*0.450*		*97*	*62-124*			
Ethane	0.0050 U	mg/L				-			
Ethylene	0.0050 U	mg/L				-			
Methane	0.0050 U	mg/L				-			

Center for Urban Waters - Environmental Services Lab

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.

Reviewed By

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:49

LAI-MW1

T309098-01 (Water)

11-Sep-13 15:40

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Oxidation/Reduction Potential	**-31.8**			mV	11-Sep-13	11-Sep-13	SM 2580 B

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:49

LAI-MW2

T309098-02 (Water)

11-Sep-13 14:08

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Oxidation/Reduction Potential	**-44.8**			mV	11-Sep-13	11-Sep-13	SM 2580 B

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:49

LAI-MW3

T309098-03 (Water)

11-Sep-13 14:55

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Oxidation/Reduction Potential	**-29.0**			mV	11-Sep-13	11-Sep-13	SM 2580 B

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:49

LAI-MW4

T309098-04 (Water)

11-Sep-13 11:53

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Oxidation/Reduction Potential	**-82.6**			mV	11-Sep-13	11-Sep-13	SM 2580 B

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:49

LAI-MW5

T309098-05 (Water)

11-Sep-13 12:35

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Oxidation/Reduction Potential	**-69.8**			mV	11-Sep-13	11-Sep-13	SM 2580 B

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:49

MW2-PP
T309098-07 (Water)
12-Sep-13 11:40

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Oxidation/Reduction Potential	-113			mV	12-Sep-13	12-Sep-13	SM 2580 B

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:49

MW13

T309098-08 (Water)

10-Sep-13 15:35

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Oxidation/Reduction Potential	**48.5**			mV	10-Sep-13	10-Sep-13	SM 2580 B

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:49

RNS-MW2
T309098-09 (Water)
10-Sep-13 14:10

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Oxidation/Reduction Potential	**66.5**			mV	10-Sep-13	10-Sep-13	SM 2580 B

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:49

RNS-MW6
T309098-10 (Water)
10-Sep-13 16:20

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Oxidation/Reduction Potential	**55.8**			mV	10-Sep-13	10-Sep-13	SM 2580 B

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:49

RNS-MW7
T309098-11 (Water)
10-Sep-13 14:48

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Oxidation/Reduction Potential	**64.3**			mV	10-Sep-13	10-Sep-13	SM 2580 B

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:49

MW-JS2
T309098-14 (Water)
12-Sep-13 14:40

Analyte	Result	PQL	MDL	Units	Prepared	Analyzed	Method
FIELD							
Oxidation/Reduction Potential	**-65.3**			mV	12-Sep-13	12-Sep-13	SM 2580 B

PW Science and Engineering	Project: **Sauro Property MNA**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	08-Oct-13 10:46

Notes and Definitions

Ja	The result is an estimated concentration.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Analyte Not Detected at or above the associated value
UJ	Analyte Not Detected at or above the associated estimated value
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

CHAIN OF CUSTODY

City of Tacoma Environmental Services
326 East D Street
Tacoma
WA, 98421-1801
phone (253) 502-2130
fax (253) 502-2170

Lab Work Order Number T309098

Client Name	Project Name
PW Science and Engineering	Sauro Property MNA
Client Contact	Project Number
Calvin Taylor	CIP-00020-01-03
Address	Project Description
326 East D Street	Sauro Property Monitoring Wells
City	PO Number
Tacoma	61000055543
State/Zip	Sampler Signatures
WA, 98421	Bill Essmeier, Nancy Boyle
Phone: (253) 593-7711 / Fax: (253) 502-2295	
Samplers: Bill Essmeier	

Requested Analyses: RSK-175; E::SM 4500-SO4 E; 353.2::EPA 353.2::SM 4500-Cl⁻; Measurement::HACH 8131::SM; EPA 170.1::Field; SM 5310 B; SM 4500-S2D

Requested Turn Around: Rush requests subject to additional charge. Rush requests subject to lab approval. Standard (days); Expedited (days); Due Date

Sample Name or Field ID	#	Sampled Date	Sampled Time	Sample Type Code	Matrix Code	Container Count	RSK-175	E::SM 4500-SO4 E	353.2::EPA 353.2::SM 4500-Cl⁻	Measurement::HACH 8131::SM	EPA 170.1::Field	SM 5310 B	SM 4500-S2D					Sample Comments
MW1-PP	-06	9/12/2013	11:30	G	W	6	3	1	0	1	1							
MW2-PP	-07	9/12/2013	11:40	G	W	6	3	1	0	1	1							
MW-JS	-14	9/12/2013	14:40	G	W	6	3	1	0	1	1							

Relinquished By	Received By	Date/Time
	Bill Essmeier	9-12-2013 13:40
Relinquished By	Received By	Date/Time
Relinquished By	Received By	Date/Time
Cooler Numbers and Temperatures		

Comments: Extra Well water depths 9-12-13 12:00
MW-3 = Dry.
RNS-MW3 = 10.95'
RNS-MW4 = 17.95'
RNS-MW5 = 23.82'

Matrix Codes: W=Water

Preserv. Codes:

Login Reviewed By: _____

Login Reviewed Date: 9/12/13

CHAIN OF CUSTODY

City of Tacoma Environmental Services
326 East D Street
Tacoma
WA, 98421-1801
phone (253) 502-2130
fax (253) 502-2170

Lab Work Order Number T309098

Client Name	Project Name
PW Science and Engineering	Sauro Property MNA
Client Contact	**Project Number**
Calvin Taylor	CIP-00020-01-03
Address	**Project Description**
326 East D Street	Sauro Property Monitoring Wells
City	**PO Number**
Tacoma	61000055543
State/Zip	**Sampler Signatures**
WA, 98421	Bill Essmeier, Nancy Bryle
Phone / **Fax**	
(253) 593-7711 / (253) 502-2295	
Samplers	
Bill Essmeier	

Requested Analyses: RSK-175; E::SM 4500-SO4 E; 353.2::EPA 353.2::SM 4500-Cl⁻; Measurement::HACH 8131::SM; EPA 170.1::Field; SM 5310 B; SM 4500-S2D

Requested Turn Around: Rush requests subject to additional charge. Rush requests subject to lab approval. Standard (days). Expedited (days). Due Date.

Sample Name or Field ID	#	Sampled Date	Sampled Time	Sample Type Code	Matrix Code	Container Count	RSK-175	E::SM 4500-SO4 E	353.2::EPA 353.2::SM 4500-Cl⁻	Measurement::HACH 8131::SM	EPA 170.1::Field	SM 5310 B	SM 4500-S2D	Sample Comments
LAI-MW1	-01			G	W	6	3	1	0	1	1			
LAI-MW2	-02			G	W	6	3	1	0	1	1			
LAI-MW3	-03			G	W	6	3	1	0	1	1			
LAI-MW4	-04			G	W	6	3	1	0	1	1			
LAI-MW5	-05			G	W	6	3	1	0	1	1			
MW1-PP	-06			G	W	6	3	1	0	1	1			
MW2-PP	-07			G	W	6	3	1	0	1	1			
MW13	-08	9-10-13	15 35	G	W	9	6	1	0	1	1			
RNS-MW2	-09	"	14 10	G	W	6	6	1	0	1	1			
RNS-MW6	-10	"	16 20	G	W	6	3	1	0	1	1			
RNS-MW7	-11	"	14 48	G	W	6	3	1	0	1	1			
MW13-DUP	-12	√	15 37	G	W	6	3	1	0	1	1			

Relinquished By	Received By	Date/Time
	Bill Essmeier	9-10-13 1650
Relinquished By	Received By	Date/Time
Relinquished By	Received By	Date/Time

Cooler Numbers and Temperatures

Comments

Matrix Codes: W=Water

Preserv. Codes:

Login Reviewed By: _____

Login Reviewed Date: 9/11/13

CHAIN OF CUSTODY

City of Tacoma Environmental Services
326 East D Street
Tacoma
WA, 98421-1801
phone (253) 502-2130
fax (253) 502-2170

Lab Work Order Number T309098

Client Name	Project Name
PW Science and Engineering	Sauro Property MNA
Client Contact	Project Number
Calvin Taylor	CIP-00020-01-03
Address	Project Description
326 East D Street	Sauro Property Monitoring Wells
City	PO Number
Tacoma	61000055543
State/Zip	Sampler Signatures
WA, 98421	Bill Essmeier
Phone / Fax	
(253) 593-7711 / (253) 502-2295	
Samplers	
Bill Essmeier	

Requested Turn Around: Rush requests subject to additional charge. Rush requests subject to lab approval.

Standard (days)

Expedited (days)

Due Date

Sample Name or Field ID	#	Sampled Date	Sampled Time	Sample Type Code	Matrix Code	Container Count	RSK-175	E::SM 4500-SO4 E	353.2::EPA 353.2::SM 4500-Cl⁻	Measurement::HACH 8131::SM	EPA 170.1::Field	SM 5310 B	SM 4500-S2D						Sample Comments
LAI-MW1	-01	9-11-13	15:40	G	W	6	3	1	0		1		1						
LAI-MW2	-02		14:08	G	W	6	3	1	0		1		1						
LAI-MW3	-03		14:55	G	W	6	3	1	0		1		1						
LAI-MW4	-04		11:53	G	W	6	3	1	0		1		1						
LAI-MW5	-05		12:35	G	W	6	3	1	0		1		1						
MW1-PP	-06			G	W	6	3	1	0		1		1						
MW2-PP	-07			G	W	6	3	1	0		1		1						
MW13	-08			G	W	9	6	1	0		1		1						
RNS-MW2	-09			G	W	6	6	1	0		1		1						
RNS-MW6	-10			G	W	6	3	1	0		1		1						
RNS-MW7	-11			G	W	6	3	1	0		1		1						
MW13-DUP	-12			G	W	6	3	1	0		1		1						

Relinquished By	Received By	Date/Time
	Bill Essmeier	9-11-13 at 1600
Relinquished By	Received By	Date/Time
Relinquished By	Received By	Date/Time

Cooler Numbers and Temperatures

Comments

Matrix Codes: W=Water

Preserv. Codes:

Login Reviewed By: _____

Login Reviewed Date: 9/12/13

Analyical Services Request
CHAIN OF CUSTODY

SENDING LABORATORY:	RECEIVING LABORATORY:
Environmental Services Laboratory	TestAmerica Seattle
326 East D Street	5755 8th Street East
Tacoma, WA 98421	Tacoma, WA 98424
Phone: 2535915588	Phone :(253) 922-2310
Fax: 2535022107	Fax: (253) 922-5047
City Contact: Gregory Perez	

Environmental Services Work Order Number: T309098

Analysis			Due	Hold Time Expires	Comments
Sample ID: T309098-01	**Water**	**Sampled:11-Sep-13 15:40**			All samples are preserved with HCL. Bill E
TA_Seattle_RSK175			03-Oct-13 12:00	25-Sep-13 15:40	
Containers Supplied:					
Sample ID: T309098-02	**Water**	**Sampled:11-Sep-13 14:08**			
TA_Seattle_RSK175			03-Oct-13 12:00	25-Sep-13 14:08	
Containers Supplied:					
Sample ID: T309098-03	**Water**	**Sampled:11-Sep-13 14:55**			
TA_Seattle_RSK175			03-Oct-13 12:00	25-Sep-13 14:55	
Containers Supplied:					

Please provide in the data package all associated QC including initial and continuing calibrations. Perform batch quality control (matix spike, duplicate or matrix spike duplicate) on one sample provided per 20 if there is enough sample. Send your standard Excel file that includes the sample and batch QC data to lzborals@cityoftacoma.org. If your laboratory uses Promium's Element LIMS system, please call the City Contact listed above.

Released By	Date	Received By
Bill Essmeier	9/13/2013 8:40	Cathy Crabble 9/13/13 8:40
Released By	Date	Received By

Analyical Services Request
CHAIN OF CUSTODY

Analysis			Due	Hold Time Expires	Comments
Sample ID: T309098-04	**Water**	**Sampled:11-Sep-13 11:53**			
TA_Seattle_RSK175			03-Oct-13 12:00	25-Sep-13 11:53	
Containers Supplied:					
Sample ID: T309098-05	**Water**	**Sampled:11-Sep-13 12:35**			
TA_Seattle_RSK175			03-Oct-13 12:00	25-Sep-13 12:35	
Containers Supplied:					
Sample ID: T309098-06	**Water**	**Sampled:12-Sep-13 11:30**			
TA_Seattle_RSK175			03-Oct-13 12:00	26-Sep-13 11:30	
Containers Supplied:					
Sample ID: T309098-07	**Water**	**Sampled:12-Sep-13 11:40**			
TA_Seattle_RSK175			03-Oct-13 12:00	26-Sep-13 11:40	
Containers Supplied:					
Sample ID: T309098-08	**Water**	**Sampled:10-Sep-13 15:35**			
TA_Seattle_RSK175			03-Oct-13 12:00	24-Sep-13 15:35	
Containers Supplied:					

Please provide in the data package all associated QC including initial and continuing calibrations. Perform batch quality control (matix spike, duplicate or matrix spike duplicate) on one sample provided per 20 if there is enough sample. Send your standard Excel file that includes the sample and batch QC data to lzborals@cityoftacoma.org. If your laboratory uses Promium's Element LIMS system, please call the City Contact listed above.

Released By	Date	Received By
Released By	Date	Received By

Analyical Services Request
CHAIN OF CUSTODY

Analysis			Due	Hold Time Expires	Comments
Sample ID: T309098-09	**Water**	**Sampled:10-Sep-13 14:10**			
TA_Seattle_RSK175			03-Oct-13 12:00	24-Sep-13 14:10	
Containers Supplied:					
Sample ID: T309098-10	**Water**	**Sampled:10-Sep-13 16:20**			
TA_Seattle_RSK175			03-Oct-13 12:00	24-Sep-13 16:20	
Containers Supplied:					
Sample ID: T309098-11	**Water**	**Sampled:10-Sep-13 14:48**			
TA_Seattle_RSK175			03-Oct-13 12:00	24-Sep-13 14:48	
Containers Supplied:					
Sample ID: T309098-12	**Water**	**Sampled:10-Sep-13 15:37**			
TA_Seattle_RSK175			03-Oct-13 12:00	24-Sep-13 15:37	
Containers Supplied:					
Sample ID: T309098-13	**Water**	**Sampled:12-Sep-13 10:00**			
TA_Seattle_RSK175			03-Oct-13 12:00	26-Sep-13 10:00	
Containers Supplied:					

Please provide in the data package all associated QC including initial and continuing calibrations. Perform batch quality control (matix spike, duplicate or matrix spike duplicate) on one sample provided per 20 if there is enough sample. Send your standard Excel file that includes the sample and batch QC data to lzborals@cityoftacoma.org. If your laboratory uses Promium's Element LIMS system, please call the City Contact listed above.

Released By	Date	Received By
Released By	Date	Received By

Analyical Services Request
CHAIN OF CUSTODY

Analysis			Due	Hold Time Expires	Comments
Sample ID: T309098-14	**Water**	**Sampled:12-Sep-13 14:40**			**JS means Johnnys Seafood.**
TA_Seattle_RSK175			03-Oct-13 12:00	26-Sep-13 14:40	
Containers Supplied:					

Please provide in the data package all associated QC including initial and continuing calibrations. Perform batch quality control (matix spike, duplicate or matrix spike duplicate) on one sample provided per 20 if there is enough sample. Send your standard Excel file that includes the sample and batch QC data to lzborals@cityoftacoma.org. If your laboratory uses Promium's Element LIMS system, please call the City Contact listed above.

Released By	Date	Received By
Released By	Date	Received By

City of Tacoma
Environmental Services Laboratory

23 September 2013

Calvin Taylor
PW Science and Engineering
326 East D Street
Tacoma, WA 98421

Subject: Sauro Property RIFS

Enclosed are the analytical results for samples collected between 09/09/2013 and 09/12/2013.

Quality Control Data are included with the sample results for your review.

If you have any questions concerning this report, call me at (253)502-2130. Please note that remaining samples associated with this report will be discarded 3 months from the date of this report unless we are notified otherwise.

Sincerely,

Stuart Magoon
Assistant Division Manager
Environmental Services Laboratory

cc.

CHAIN OF CUSTODY

The samples were received under appropriate Chain of Custody procedures.

SAMPLE RECEIPT, PRESERVATION AND STORAGE

Samples were properly preserved and stored in accordance with the applicable method requirements.

HOLDING TIMES

All analyses were performed within the required holding times.

METHODS

The samples were analyzed by the following methods:

EPA Method 8260C

MINIMUM REPORTING LIMITS

All analytes are reported to the Practical Quantitation Limit (PQL) which is below or no greater than the Minimum Project Reporting Limit.

BLANKS

Blanks were analyzed at the required frequencies of the methods. There was a minimum of one Method Blank for each analytical method. Blank values were less than the PQL, sample concentrations were greater than 10 times the blank values, or the analytes were not detected in the sample.

A Trip Blank was carried in the field each day sampling was completed. The Trip Blank contained Acetone at 6.6 ug/L. Samples, except for MW1-PP, are qualified UJ as not detected at the associated estimated values based on the level detected in the Trip Blank. MW1-PP is not qualified based on the Trip Blank. It is suspected the Acetone is a contaminant in the VOA vials. Acetone is not a primary analyte of concern for this project.

SURROGATE COMPOUNDS

Surrogate compounds were added to each sample to monitor system performance. Surrogate recoveries were within the laboratory's control limits.

LABORATORY CONTROL SAMPLES

Laboratory Control Samples were analyzed with these samples for all parameters. The recoveries were within the laboratory limits, except for 2-Butanone, 2-Hexanone, 4-Methyl-2-pentanone, Acetone and cis-1,2-Dichloroethene. The recoveries are reported in the QC section of the following data pages. Samples are not qualified for 2-Butanone, 2-Hexanone, and 4-Methyl-2-pentanone because the analytes were not detected in any of the samples and the LCS recoveries were greater

than the upper limits. Acetone values for all samples and cis-1,2-Dichloroethene in MW13-(51.5), LAI-MW2-(65), RNS-MW6-(42.5) and RNS-MW6-(52.5) are qualified as estimated (UJ and J).

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE ANALYSIS

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) analysis was performed with these samples. The recoveries were within the laboratory limits, except for Trichlorotrifluoromethane in the MS for LAI-MW5-(42). The MSD recoveriew was within limits. The recoveries are reported in the QC section of the following data pages. No data is qualified.

INTERNAL STANDARDS

Internal Standards were added to these samples for quantitation purposes. The Area counts of these standards must not vary more than a factor of two from the mid-point standard of the calibration curve according to the method. The retention times must not vary by more than 30 seconds. No compounds varied by more than 30 seconds retention time. The internal standard criteria were met for these samples.

DATA AVAILABILITY

All data associated with the samples referenced in this report are archived at the Environmental Services Laboratory and are available upon request.

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Sep-13 11:30

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled
Trip Blank	T309065-01	Water	09-Sep-13 10:00
MW1-PP	T309065-02	Water	09-Sep-13 11:30
MW2-PP	T309065-03	Water	09-Sep-13 11:40
MW13-(51.5)	T309065-04	Water	09-Sep-13 12:20
LAI-MW1-(63)	T309065-05	Water	09-Sep-13 12:10
LAI-MW2-(65)	T309065-06	Water	09-Sep-13 11:50
LAI-MW3-(75)	T309065-07	Water	09-Sep-13 12:00
LAI-MW4-(25)	T309065-08	Water	09-Sep-13 12:32
LAI-MW5-(42)	T309065-09	Water	09-Sep-13 10:40
LAI-MW5-(50)	T309065-10	Water	09-Sep-13 10:50
RNS-MW2-(21.5)	T309065-11	Water	09-Sep-13 11:00
RNS-MW2-(38.5)	T309065-12	Water	09-Sep-13 11:05
RNS-MW6-(42.5)	T309065-13	Water	09-Sep-13 11:12
RNS-MW6-(52.5)	T309065-14	Water	09-Sep-13 11:15
LAI-MW5-(50) DUP	T309065-15	Water	09-Sep-13 10:50
MW-JS	T309065-16	Water	12-Sep-13 14:40

Note: well MW-JS was misnamed in this report. The correct well name is MW-JS2, as corrected in the addendum following this report.

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Sep-13 11:30

Trip Blank
T309065-01 (Water)
09-Sep-13 10:00

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1-Dichloroethene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
2-Butanone	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
2-Hexanone	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Acetone	**6.6 J**	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Acrolein	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Acrylonitrile	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Benzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Carbon Disulfide	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Chloroform	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Chloromethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
cis-1,2-Dichloroethene	0.2 U	0.2	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
m/p-Xylene	1.0 U	1.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Methyl tert-butyl ether	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Methylene Chloride	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
o-Xylene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Styrene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Sep-13 11:30

Trip Blank
T309065-01 (Water)
09-Sep-13 10:00

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Tetrachloroethene	0.2 U	0.2		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Toluene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Trichloroethene	0.2 U	0.2		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Vinyl Chloride	0.2 U	0.2		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*26-175*		*13-Sep-13*	*13-Sep-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*99.2 %*	*86-126*		*13-Sep-13*	*13-Sep-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*105 %*	*81-130*		*13-Sep-13*	*13-Sep-13*	*EPA 8260C*
Surrogate: Toluene-d8		*97.2 %*	*82-127*		*13-Sep-13*	*13-Sep-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Sep-13 14:52

MW1-PP
T309065-02 (Water)
09-Sep-13 11:30

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**17.57**	0.00	Feet	09-Sep-13	09-Sep-13	Field Measurement
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1-Dichloroethene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
2-Butanone	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
2-Hexanone	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Acetone	**34 J**	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Acrolein	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Acrylonitrile	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Benzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Carbon Disulfide	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Chloroform	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Chloromethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
cis-1,2-Dichloroethene	**0.5**	0.2	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
m/p-Xylene	1.0 U	1.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Sep-13 11:30

MW1-PP
T309065-02 (Water)
09-Sep-13 11:30

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Methyl tert-butyl ether	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Methylene Chloride	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
o-Xylene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Styrene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Tetrachloroethene	0.2 U	0.2		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Toluene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Trichloroethene	0.2 U	0.2		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Vinyl Chloride	0.2 U	0.2		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*98.8 %*	*26-175*		*13-Sep-13*	*13-Sep-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*94.6 %*	*86-126*		*13-Sep-13*	*13-Sep-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*103 %*	*81-130*		*13-Sep-13*	*13-Sep-13*	*EPA 8260C*
Surrogate: Toluene-d8		*95.8 %*	*82-127*		*13-Sep-13*	*13-Sep-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Sep-13 11:30

MW2-PP
T309065-03 (Water)
09-Sep-13 11:40

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**15.94**	0.00	Feet	09-Sep-13	09-Sep-13	Field Measurement
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1-Dichloroethene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
2-Butanone	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
2-Hexanone	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Acetone	**7.4 UJ**	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Acrolein	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Acrylonitrile	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Benzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Carbon Disulfide	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Chloroform	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Chloromethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
cis-1,2-Dichloroethene	**1.4**	0.2	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
m/p-Xylene	1.0 U	1.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Sep-13 11:30

MW2-PP
T309065-03 (Water)
09-Sep-13 11:40

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Methyl tert-butyl ether	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Methylene Chloride	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
o-Xylene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Styrene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Tetrachloroethene	**0.7**	0.2		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Toluene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Trichloroethene	**0.6**	0.2		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Vinyl Chloride	**0.2**	0.2		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*98.8 %*	*26-175*		*13-Sep-13*	*13-Sep-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*99.1 %*	*86-126*		*13-Sep-13*	*13-Sep-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*107 %*	*81-130*		*13-Sep-13*	*13-Sep-13*	*EPA 8260C*
Surrogate: Toluene-d8		*97.6 %*	*82-127*		*13-Sep-13*	*13-Sep-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Sep-13 11:30

MW13-(51.5)
T309065-04 (Water)
09-Sep-13 12:20

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**39.60**	0.00	Feet	09-Sep-13	09-Sep-13	Field Measurement
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,1-Dichloroethene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
2-Butanone	5.0 U	5.0	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
2-Hexanone	5.0 U	5.0	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Acetone	**5.8 UJ**	5.0	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Acrolein	5.0 U	5.0	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Acrylonitrile	5.0 U	5.0	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Benzene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Carbon Disulfide	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Chloroform	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Chloromethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
m/p-Xylene	1.0 U	1.0	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Methyl tert-butyl ether	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Sep-13 11:30

MW13-(51.5)
T309065-04 (Water)
09-Sep-13 12:20

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Methylene Chloride	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
o-Xylene	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Styrene	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Toluene	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
trans-1,2-Dichloroethene	**1.4**	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Vinyl Chloride	**0.8**	0.2		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*110 %*	*26-175*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*89.7 %*	*86-126*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*105 %*	*81-130*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*
Surrogate: Toluene-d8		*106 %*	*82-127*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Sep-13 11:30

MW13-(51.5)
T309065-04RE1 (Water)
09-Sep-13 12:20

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
cis-1,2-Dichloroethene	**120 J**	2.0		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Tetrachloroethene	**430**	2.0		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Trichloroethene	**110**	2.0		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*116 %*	*26-175*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*67.4 %*	*86-126*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*108 %*	*81-130*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*
Surrogate: Toluene-d8		*94.2 %*	*82-127*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Sep-13 11:30

LAI-MW1-(63)
T309065-05 (Water)
09-Sep-13 12:10

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**45.10**	0.00	Feet	09-Sep-13	09-Sep-13	Field Measurement
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1-Dichloroethene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
2-Butanone	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
2-Hexanone	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Acetone	**5.1 UJ**	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Acrolein	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Acrylonitrile	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Benzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Carbon Disulfide	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Chloroform	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Chloromethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
cis-1,2-Dichloroethene	0.2 U	0.2	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
m/p-Xylene	1.0 U	1.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Sep-13 11:30

LAI-MW1-(63)
T309065-05 (Water)
09-Sep-13 12:10

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Methyl tert-butyl ether	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Methylene Chloride	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
o-Xylene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Styrene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Tetrachloroethene	0.2 U	0.2		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Toluene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Trichloroethene	0.2 U	0.2		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Vinyl Chloride	0.2 U	0.2		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*97.8 %*	*26-175*		*13-Sep-13*	*13-Sep-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*96.8 %*	*86-126*		*13-Sep-13*	*13-Sep-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*104 %*	*81-130*		*13-Sep-13*	*13-Sep-13*	*EPA 8260C*
Surrogate: Toluene-d8		*95.4 %*	*82-127*		*13-Sep-13*	*13-Sep-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Sep-13 11:30

LAI-MW2-(65)
T309065-06 (Water)
09-Sep-13 11:50

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**44.60**	0.00	Feet	09-Sep-13	09-Sep-13	Field Measurement
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,1-Dichloroethene	**0.8**	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
2-Butanone	5.0 U	5.0	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
2-Hexanone	5.0 U	5.0	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Acetone	5.0 UJ	5.0	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Acrolein	5.0 U	5.0	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Acrylonitrile	5.0 U	5.0	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Benzene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Carbon Disulfide	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Chloroform	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Chloromethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
m/p-Xylene	1.0 U	1.0	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Methyl tert-butyl ether	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Sep-13 11:30

LAI-MW2-(65)
T309065-06 (Water)
09-Sep-13 11:50

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Methylene Chloride	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
o-Xylene	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Styrene	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Toluene	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
trans-1,2-Dichloroethene	**1.5**	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Vinyl Chloride	**0.8**	0.2		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*26-175*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*88.9 %*	*86-126*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*100 %*	*81-130*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*
Surrogate: Toluene-d8		*108 %*	*82-127*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Sep-13 11:30

LAI-MW2-(65)
T309065-06RE1 (Water)
09-Sep-13 11:50

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
cis-1,2-Dichloroethene	**160 J**	2.0		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Tetrachloroethene	**360**	2.0		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Trichloroethene	**120**	2.0		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*117 %*	*26-175*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*73.0 %*	*86-126*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*110 %*	*81-130*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*
Surrogate: Toluene-d8		*100 %*	*82-127*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Sep-13 11:30

LAI-MW3-(75)
T309065-07 (Water)
09-Sep-13 12:00

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**51.07**	0.00	Feet	09-Sep-13	09-Sep-13	Field Measurement
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1-Dichloroethene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
2-Butanone	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
2-Hexanone	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Acetone	**9.1 UJ**	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Acrolein	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Acrylonitrile	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Benzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Carbon Disulfide	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Chloroform	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Chloromethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
cis-1,2-Dichloroethene	**54**	0.2	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
m/p-Xylene	1.0 U	1.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Sep-13 11:30

LAI-MW3-(75)
T309065-07 (Water)
09-Sep-13 12:00

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Methyl tert-butyl ether	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Methylene Chloride	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
o-Xylene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Styrene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Toluene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Trichloroethene	**34**	0.2		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Vinyl Chloride	0.2 U	0.2		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*99.2 %*	*26-175*		*13-Sep-13*	*13-Sep-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*94.7 %*	*86-126*		*13-Sep-13*	*13-Sep-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*104 %*	*81-130*		*13-Sep-13*	*13-Sep-13*	*EPA 8260C*
Surrogate: Toluene-d8		*97.2 %*	*82-127*		*13-Sep-13*	*13-Sep-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Sep-13 11:30

LAI-MW3-(75)
T309065-07RE1 (Water)
09-Sep-13 12:00

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Tetrachloroethene	**78**	1.0		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*115 %*	*26-175*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*78.6 %*	*86-126*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*104 %*	*81-130*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*
Surrogate: Toluene-d8		*104 %*	*82-127*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Sep-13 11:30

LAI-MW4-(25)
T309065-08 (Water)
09-Sep-13 12:32

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**11.55**	0.00	Feet	09-Sep-13	09-Sep-13	Field Measurement
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1-Dichloroethene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
2-Butanone	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
2-Hexanone	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Acetone	**11 UJ**	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Acrolein	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Acrylonitrile	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Benzene	**0.8**	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Carbon Disulfide	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Chloroform	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Chloromethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
cis-1,2-Dichloroethene	**0.6**	0.2	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
m/p-Xylene	1.0 U	1.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Sep-13 11:30

LAI-MW4-(25)
T309065-08 (Water)
09-Sep-13 12:32

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Methyl tert-butyl ether	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Methylene Chloride	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
o-Xylene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Styrene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Tetrachloroethene	0.2 U	0.2		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Toluene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Trichloroethene	0.2 U	0.2		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Vinyl Chloride	0.2 U	0.2		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*98.8 %*	*26-175*		*13-Sep-13*	*13-Sep-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*97.0 %*	*86-126*		*13-Sep-13*	*13-Sep-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*104 %*	*81-130*		*13-Sep-13*	*13-Sep-13*	*EPA 8260C*
Surrogate: Toluene-d8		*96.4 %*	*82-127*		*13-Sep-13*	*13-Sep-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Sep-13 11:30

LAI-MW5-(42)
T309065-09 (Water)
09-Sep-13 10:40

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**24.36**	0.00	Feet	09-Sep-13	09-Sep-13	Field Measurement
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1-Dichloroethene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
2-Butanone	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
2-Hexanone	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Acetone	**7.0 UJ**	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Acrolein	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Acrylonitrile	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Benzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Carbon Disulfide	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Chloroform	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Chloromethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
cis-1,2-Dichloroethene	0.2 U	0.2	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
m/p-Xylene	1.0 U	1.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Sep-13 11:30

LAI-MW5-(42)
T309065-09 (Water)
09-Sep-13 10:40

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Methyl tert-butyl ether	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Methylene Chloride	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
o-Xylene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Styrene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Tetrachloroethene	0.2 U	0.2		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Toluene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Trichloroethene	0.2 U	0.2		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Vinyl Chloride	0.2 U	0.2		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*26-175*		*13-Sep-13*	*13-Sep-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*96.8 %*	*86-126*		*13-Sep-13*	*13-Sep-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*108 %*	*81-130*		*13-Sep-13*	*13-Sep-13*	*EPA 8260C*
Surrogate: Toluene-d8		*97.4 %*	*82-127*		*13-Sep-13*	*13-Sep-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Sep-13 11:30

LAI-MW5-(50)
T309065-10 (Water)
09-Sep-13 10:50

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**24.36**	0.00	Feet	09-Sep-13	09-Sep-13	Field Measurement
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1-Dichloroethene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
2-Butanone	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
2-Hexanone	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Acetone	**6.4 UJ**	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Acrolein	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Acrylonitrile	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Benzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Carbon Disulfide	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Chloroform	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Chloromethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
cis-1,2-Dichloroethene	0.2 U	0.2	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
m/p-Xylene	1.0 U	1.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C

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.

Lori A. Zboralski
Reviewed By

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Sep-13 11:30

LAI-MW5-(50)
T309065-10 (Water)
09-Sep-13 10:50

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Methyl tert-butyl ether	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Methylene Chloride	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
o-Xylene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Styrene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Tetrachloroethene	**0.3**	0.2		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Toluene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Trichloroethene	0.2 U	0.2		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Vinyl Chloride	0.2 U	0.2		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*26-175*		*13-Sep-13*	*13-Sep-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*94.6 %*	*86-126*		*13-Sep-13*	*13-Sep-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*109 %*	*81-130*		*13-Sep-13*	*13-Sep-13*	*EPA 8260C*
Surrogate: Toluene-d8		*97.6 %*	*82-127*		*13-Sep-13*	*13-Sep-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Sep-13 11:30

RNS-MW2-(21.5)
T309065-11 (Water)
09-Sep-13 11:00

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**17.24**	0.00	Feet	09-Sep-13	09-Sep-13	Field Measurement
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1-Dichloroethene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
2-Butanone	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
2-Hexanone	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Acetone	**6.5 UJ**	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Acrolein	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Acrylonitrile	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Benzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Carbon Disulfide	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Chloroform	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Chloromethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
cis-1,2-Dichloroethene	**0.3**	0.2	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
m/p-Xylene	1.0 U	1.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Sep-13 11:30

RNS-MW2-(21.5)
T309065-11 (Water)
09-Sep-13 11:00

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Methyl tert-butyl ether	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Methylene Chloride	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
o-Xylene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Styrene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Tetrachloroethene	**22**	0.2		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Toluene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Trichloroethene	**0.8**	0.2		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Vinyl Chloride	0.2 U	0.2		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*98.2 %*	*26-175*		*13-Sep-13*	*13-Sep-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*95.4 %*	*86-126*		*13-Sep-13*	*13-Sep-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*108 %*	*81-130*		*13-Sep-13*	*13-Sep-13*	*EPA 8260C*
Surrogate: Toluene-d8		*96.2 %*	*82-127*		*13-Sep-13*	*13-Sep-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Sep-13 11:30

RNS-MW2-(38.5)
T309065-12 (Water)
09-Sep-13 11:05

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**17.24**	0.00	Feet	09-Sep-13	09-Sep-13	Field Measurement
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,1-Dichloroethene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
2-Butanone	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
2-Hexanone	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Acetone	**9.2 UJ**	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Acrolein	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Acrylonitrile	5.0 U	5.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Benzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Carbon Disulfide	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Chloroform	**0.5**	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Chloromethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
cis-1,2-Dichloroethene	**0.2**	0.2	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	13-Sep-13	13-Sep-13	EPA 8260C
m/p-Xylene	1.0 U	1.0	ug/L	13-Sep-13	13-Sep-13	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Sep-13 11:30

RNS-MW2-(38.5)
T309065-12 (Water)
09-Sep-13 11:05

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Methyl tert-butyl ether	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Methylene Chloride	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
o-Xylene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Styrene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Tetrachloroethene	**23**	0.2		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Toluene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Trichloroethene	**0.7**	0.2		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Vinyl Chloride	0.2 U	0.2		ug/L	13-Sep-13	13-Sep-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*99.0 %*	*26-175*		*13-Sep-13*	*13-Sep-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*97.8 %*	*86-126*		*13-Sep-13*	*13-Sep-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*104 %*	*81-130*		*13-Sep-13*	*13-Sep-13*	*EPA 8260C*
Surrogate: Toluene-d8		*98.4 %*	*82-127*		*13-Sep-13*	*13-Sep-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Sep-13 11:30

RNS-MW6-(42.5)
T309065-13 (Water)
09-Sep-13 11:12

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**36.55**	0.00	Feet	09-Sep-13	09-Sep-13	Field Measurement
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,1-Dichloroethene	**0.6**	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
2-Butanone	5.0 U	5.0	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
2-Hexanone	5.0 U	5.0	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Acetone	**7.2 UJ**	5.0	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Acrolein	5.0 U	5.0	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Acrylonitrile	5.0 U	5.0	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Benzene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Carbon Disulfide	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Chloroform	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Chloromethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
m/p-Xylene	1.0 U	1.0	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Methyl tert-butyl ether	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Sep-13 11:30

RNS-MW6-(42.5)
T309065-13 (Water)
09-Sep-13 11:12

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Methylene Chloride	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
o-Xylene	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Styrene	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Toluene	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
trans-1,2-Dichloroethene	**0.7**	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Vinyl Chloride	0.2 U	0.2		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*117 %*	*26-175*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*90.4 %*	*86-126*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*113 %*	*81-130*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*
Surrogate: Toluene-d8		*104 %*	*82-127*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Sep-13 11:30

RNS-MW6-(42.5)
T309065-13RE1 (Water)
09-Sep-13 11:12

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
cis-1,2-Dichloroethene	**130 J**	2.0		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Trichloroethene	**260**	2.0		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*115 %*	*26-175*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*71.0 %*	*86-126*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*105 %*	*81-130*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*
Surrogate: Toluene-d8		*97.3 %*	*82-127*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Sep-13 11:30

RNS-MW6-(42.5)
T309065-13RE2 (Water)
09-Sep-13 11:12

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Tetrachloroethene	**1100**	10		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*114 %*	*26-175*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*77.3 %*	*86-126*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*102 %*	*81-130*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*
Surrogate: Toluene-d8		*104 %*	*82-127*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Sep-13 11:30

RNS-MW6-(52.5)
T309065-14 (Water)
09-Sep-13 11:15

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**36.55**	0.00	Feet	09-Sep-13	09-Sep-13	Field Measurement
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,1,2-Trichloroethane	**5.5**	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,1-Dichloroethene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
2-Butanone	5.0 U	5.0	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
2-Hexanone	5.0 U	5.0	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Acetone	**7.3 UJ**	5.0	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Acrolein	5.0 U	5.0	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Acrylonitrile	5.0 U	5.0	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Benzene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Carbon Disulfide	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Chloroform	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Chloromethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
m/p-Xylene	1.0 U	1.0	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Methyl tert-butyl ether	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Sep-13 11:30

RNS-MW6-(52.5)
T309065-14 (Water)
09-Sep-13 11:15

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Methylene Chloride	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
o-Xylene	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Styrene	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Toluene	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
trans-1,2-Dichloroethene	**1.4**	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Vinyl Chloride	**0.3**	0.2		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*115 %*	*26-175*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*88.2 %*	*86-126*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*107 %*	*81-130*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*
Surrogate: Toluene-d8		*103 %*	*82-127*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Sep-13 11:30

RNS-MW6-(52.5)
T309065-14RE1 (Water)
09-Sep-13 11:15

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
cis-1,2-Dichloroethene	**140 J**	2.0		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Trichloroethene	**130**	2.0		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*117 %*	*26-175*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*72.8 %*	*86-126*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*110 %*	*81-130*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*
Surrogate: Toluene-d8		*97.2 %*	*82-127*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Sep-13 11:30

RNS-MW6-(52.5)
T309065-14RE2 (Water)
09-Sep-13 11:15

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Tetrachloroethene	**630**	10		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*112 %*	*26-175*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*75.6 %*	*86-126*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*104 %*	*81-130*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*
Surrogate: Toluene-d8		*106 %*	*82-127*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Sep-13 11:30

LAI-MW5-(50) DUP
T309065-15 (Water)
09-Sep-13 10:50

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,1-Dichloroethene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
2-Butanone	5.0 U	5.0	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
2-Hexanone	5.0 U	5.0	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Acetone	**6.0 UJ**	5.0	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Acrolein	5.0 U	5.0	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Acrylonitrile	5.0 U	5.0	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Benzene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Carbon Disulfide	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Chloroform	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Chloromethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
cis-1,2-Dichloroethene	0.2 U	0.2	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
m/p-Xylene	1.0 U	1.0	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Methyl tert-butyl ether	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Methylene Chloride	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
o-Xylene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Styrene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Sep-13 11:30

LAI-MW5-(50) DUP

T309065-15 (Water)

09-Sep-13 10:50

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Tetrachloroethene	**0.6**	0.2		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Toluene	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Trichloroethene	0.2 U	0.2		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Vinyl Chloride	0.2 U	0.2		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*118 %*	*26-175*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*86.0 %*	*86-126*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*115 %*	*81-130*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*
Surrogate: Toluene-d8		*104 %*	*82-127*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Sep-13 11:30

MW-JS
T309065-16 (Water)
12-Sep-13 14:40

Note: The correct well name is MW-JS2, as corrected in the addendum following this report.

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
FIELD						
Water Level	**6.90**	0.00	Feet	12-Sep-13	12-Sep-13	Field Measurement
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,1-Dichloroethene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
2-Butanone	5.0 U	5.0	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
2-Hexanone	5.0 U	5.0	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
4-Methyl-2-pentanone	5.0 U	5.0	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Acetone	**5.0 UJ**	5.0	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Acrolein	5.0 U	5.0	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Acrylonitrile	5.0 U	5.0	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Benzene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Carbon Disulfide	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Chloroform	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Chloromethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
cis-1,2-Dichloroethene	0.2 U	0.2	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	17-Sep-13	17-Sep-13	EPA 8260C
m/p-Xylene	1.0 U	1.0	ug/L	17-Sep-13	17-Sep-13	EPA 8260C

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Sep-13 11:30

MW-JS
T309065-16 (Water)
12-Sep-13 14:40

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Methyl tert-butyl ether	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Methylene Chloride	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
o-Xylene	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Styrene	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Tetrachloroethene	0.2 U	0.2		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Toluene	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Trichloroethene	0.2 U	0.2		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Vinyl Chloride	0.2 U	0.2		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*26-175*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*88.6 %*	*86-126*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*108 %*	*81-130*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*
Surrogate: Toluene-d8		*110 %*	*82-127*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*

VOA - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1337085 - Volatile Organics No-Prep									
Blank (1337085-BLK1)			Prepared & Analyzed: 13-Sep-13						
1,1,1-Trichloroethane	0.5 U	ug/L							
1,1,2,2-Tetrachloroethane	0.5 U	ug/L							
1,1,2-Trichloroethane	0.5 U	ug/L							
1,1,2-Trichlorotrifluoroethane	0.5 U	ug/L							
1,1-Dichloroethane	0.5 U	ug/L							
1,1-Dichloroethene	0.5 U	ug/L							
1,2-Dibromoethane	0.5 U	ug/L							
1,2-Dichlorobenzene	0.5 U	ug/L							
1,2-Dichloroethane	0.5 U	ug/L							
Surrogate: 1,2-Dichloroethane-d4	*20*	ug/L	*20.0*		*97.6*	*26-175*			
1,2-Dichloropropane	0.5 U	ug/L							
1,3-Dichlorobenzene	0.5 U	ug/L							
1,4-Dichlorobenzene	0.5 U	ug/L							
2-Butanone	5.0 U	ug/L							
2-Hexanone	5.0 U	ug/L							
Surrogate: 4-Bromofluorobenzene	*19*	ug/L	*20.0*		*96.3*	*86-126*			
4-Methyl-2-pentanone	5.0 U	ug/L							
Acetone	5.0 U	ug/L							
Acrolein	5.0 U	ug/L							
Acrylonitrile	5.0 U	ug/L							
Benzene	0.5 U	ug/L							
Bromodichloromethane	0.5 U	ug/L							
Bromoform	0.5 U	ug/L							
Carbon Disulfide	0.5 U	ug/L							
Carbon Tetrachloride	0.5 U	ug/L							
Chlorobenzene	0.5 U	ug/L							
Chloroethane	0.5 U	ug/L							
Chloroform	0.5 U	ug/L							
Chloromethane	0.5 U	ug/L							
cis-1,2-Dichloroethene	0.2 U	ug/L							
cis-1,3-Dichloropropene	0.5 U	ug/L							
Dibromochloromethane	0.5 U	ug/L							

VOA - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1337085 - Volatile Organics No-Prep									
Blank (1337085-BLK1)			Prepared & Analyzed: 13-Sep-13						
Surrogate: Dibromofluoromethane	*20*	ug/L	*20.0*		*101*	*81-130*			
Ethylbenzene	0.5 U	ug/L							
m/p-Xylene	1.0 U	ug/L							
Methyl tert-butyl ether	0.5 U	ug/L							
Methylene Chloride	0.5 U	ug/L							
o-Xylene	0.5 U	ug/L							
Styrene	0.5 U	ug/L							
Tetrachloroethene	0.2 U	ug/L							
Toluene	0.5 U	ug/L							
Surrogate: Toluene-d8	*19*	ug/L	*20.0*		*96.0*	*82-127*			
trans-1,2-Dichloroethene	0.5 U	ug/L							
trans-1,3-Dichloropropene	0.5 U	ug/L							
Trichloroethene	0.2 U	ug/L							
Trichlorofluoromethane	0.5 U	ug/L							
Vinyl Acetate	0.5 U	ug/L							
Vinyl Chloride	0.2 U	ug/L							
Blank (1337085-BLK2)			Prepared & Analyzed: 17-Sep-13						
1,1,1-Trichloroethane	0.5 U	ug/L							
1,1,2,2-Tetrachloroethane	0.5 U	ug/L							
1,1,2-Trichloroethane	0.5 U	ug/L							
1,1,2-Trichlorotrifluoroethane	0.5 U	ug/L							
1,1-Dichloroethane	0.5 U	ug/L							
1,1-Dichloroethene	0.5 U	ug/L							
1,2-Dibromoethane	0.5 U	ug/L							
1,2-Dichlorobenzene	0.5 U	ug/L							
1,2-Dichloroethane	0.5 U	ug/L							
Surrogate: 1,2-Dichloroethane-d4	*21*	ug/L	*20.0*		*103*	*26-175*			
1,2-Dichloropropane	0.5 U	ug/L							
1,3-Dichlorobenzene	0.5 U	ug/L							
1,4-Dichlorobenzene	0.5 U	ug/L							
2-Butanone	5.0 U	ug/L							
2-Hexanone	5.0 U	ug/L							

VOA - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1337085 - Volatile Organics No-Prep									
Blank (1337085-BLK2)			Prepared & Analyzed: 17-Sep-13						
Surrogate: 4-Bromofluorobenzene	*18*	ug/L	*20.0*		*87.6*	*86-126*			
4-Methyl-2-pentanone	5.0 U	ug/L							
Acetone	5.0 U	ug/L							
Acrolein	5.0 U	ug/L							
Acrylonitrile	5.0 U	ug/L							
Benzene	0.5 U	ug/L							
Bromodichloromethane	0.5 U	ug/L							
Bromoform	0.5 U	ug/L							
Carbon Disulfide	0.5 U	ug/L							
Carbon Tetrachloride	0.5 U	ug/L							
Chlorobenzene	0.5 U	ug/L							
Chloroethane	0.5 U	ug/L							
Chloroform	0.5 U	ug/L							
Chloromethane	0.5 U	ug/L							
cis-1,2-Dichloroethene	0.2 U	ug/L							
cis-1,3-Dichloropropene	0.5 U	ug/L							
Dibromochloromethane	0.5 U	ug/L							
Surrogate: Dibromofluoromethane	*20*	ug/L	*20.0*		*100*	*81-130*			
Ethylbenzene	0.5 U	ug/L							
m/p-Xylene	1.0 U	ug/L							
Methyl tert-butyl ether	0.5 U	ug/L							
Methylene Chloride	0.5 U	ug/L							
o-Xylene	0.5 U	ug/L							
Styrene	0.5 U	ug/L							
Tetrachloroethene	0.2 U	ug/L							
Toluene	0.5 U	ug/L							
Surrogate: Toluene-d8	*21*	ug/L	*20.0*		*103*	*82-127*			
trans-1,2-Dichloroethene	0.5 U	ug/L							
trans-1,3-Dichloropropene	0.5 U	ug/L							
Trichloroethene	0.2 U	ug/L							
Trichlorofluoromethane	0.5 U	ug/L							
Vinyl Acetate	0.5 U	ug/L							

VOA - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1337085 - Volatile Organics No-Prep									
Blank (1337085-BLK2)			Prepared & Analyzed: 17-Sep-13						
Vinyl Chloride	0.2 U	ug/L							
LCS (1337085-BS1)			Prepared & Analyzed: 13-Sep-13						
1,1,1-Trichloroethane	**22**	**ug/L**	**20.0**		**109**	**82-121**			
1,1,2,2-Tetrachloroethane	**20**	**ug/L**	**20.0**		**98.4**	**77-137**			
1,1,2-Trichloroethane	**21**	**ug/L**	**20.0**		**106**	**88-125**			
1,1,2-Trichlorotrifluoroethane	**24**	**ug/L**	**20.0**		**118**	**80-120**			
1,1-Dichloroethane	**22**	**ug/L**	**20.0**		**111**	**86-124**			
1,1-Dichloroethene	**25**	**ug/L**	**20.0**		**123**	**87-114**			
1,2-Dibromoethane	**21**	**ug/L**	**20.0**		**104**	**80-120**			
1,2-Dichlorobenzene	**20**	**ug/L**	**20.0**		**100**	**79-140**			
1,2-Dichloroethane	**21**	**ug/L**	**20.0**		**106**	**85-130**			
Surrogate: 1,2-Dichloroethane-d4	*20*	ug/L	*20.0*		*102*	*26-175*			
1,2-Dichloropropane	**22**	**ug/L**	**20.0**		**108**	**88-131**			
1,3-Dichlorobenzene	**20**	**ug/L**	**20.0**		**101**	**82-133**			
1,4-Dichlorobenzene	**20**	**ug/L**	**20.0**		**100**	**62-138**			
2-Butanone	**570**	**ug/L**	**200**		**285**	**73-130**			
2-Hexanone	**570**	**ug/L**	**200**		**284**	**70-138**			
Surrogate: 4-Bromofluorobenzene	*19*	ug/L	*20.0*		*95.8*	*86-126*			
4-Methyl-2-pentanone	**530**	**ug/L**	**200**		**267**	**66-134**			
Acetone	**680**	**ug/L**	**200**		**342**	**79-126**			
Acrolein	**250**	**ug/L**	**200**		**126**	**66-141**			
Acrylonitrile	**230**	**ug/L**	**200**		**116**	**86-124**			
Benzene	**22**	**ug/L**	**20.0**		**111**	**81-124**			
Bromodichloromethane	**22**	**ug/L**	**20.0**		**108**	**84-130**			
Bromoform	**21**	**ug/L**	**20.0**		**103**	**76-134**			
Carbon Disulfide	**24**	**ug/L**	**20.0**		**118**	**71-139**			
Carbon Tetrachloride	**22**	**ug/L**	**20.0**		**110**	**80-120**			
Chlorobenzene	**20**	**ug/L**	**20.0**		**101**	**87-124**			
Chloroethane	**25**	**ug/L**	**20.0**		**123**	**61-140**			
Chloroform	**22**	**ug/L**	**20.0**		**112**	**88-121**			
Chloromethane	**22**	**ug/L**	**20.0**		**111**	**69-126**			
cis-1,2-Dichloroethene	**23**	**ug/L**	**20.0**		**116**	**85-121**			

VOA - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1337085 - Volatile Organics No-Prep									
LCS (1337085-BS1)			Prepared & Analyzed: 13-Sep-13						
cis-1,3-Dichloropropene	**21**	**ug/L**	**20.0**		**104**	**80-129**			
Dibromochloromethane	**22**	**ug/L**	**20.0**		**108**	**81-130**			
Surrogate: Dibromofluoromethane	*21*	ug/L	*20.0*		*106*	*81-130*			
Ethylbenzene	**21**	**ug/L**	**20.0**		**104**	**73-130**			
m/p-Xylene	**42**	**ug/L**	**40.0**		**104**	**76-127**			
Methyl tert-butyl ether	**21**	**ug/L**	**20.0**		**103**	**50-150**			
Methylene Chloride	**18**	**ug/L**	**20.0**		**91.6**	**70-130**			
o-Xylene	**20**	**ug/L**	**20.0**		**101**	**77-130**			
Styrene	**20**	**ug/L**	**20.0**		**99.1**	**78-129**			
Tetrachloroethene	**21**	**ug/L**	**20.0**		**105**	**81-126**			
Toluene	**20**	**ug/L**	**20.0**		**102**	**87-127**			
Surrogate: Toluene-d8	*20*	ug/L	*20.0*		*98.6*	*82-127*			
trans-1,2-Dichloroethene	**21**	**ug/L**	**20.0**		**106**	**85-120**			
trans-1,3-Dichloropropene	**23**	**ug/L**	**20.0**		**113**	**82-130**			
Trichloroethene	**20**	**ug/L**	**20.0**		**102**	**84-123**			
Trichlorofluoromethane	**25**	**ug/L**	**20.0**		**123**	**80-120**			
Vinyl Acetate	**19**	**ug/L**	**20.0**		**96.8**	**63-133**			
Vinyl Chloride	**23**	**ug/L**	**20.0**		**114**	**69-126**			
LCS (1337085-BS2)			Prepared & Analyzed: 17-Sep-13						
1,1,1-Trichloroethane	**23**	**ug/L**	**20.0**		**117**	**82-121**			
1,1,2,2-Tetrachloroethane	**18**	**ug/L**	**20.0**		**90.4**	**77-137**			
1,1,2-Trichloroethane	**19**	**ug/L**	**20.0**		**97.2**	**88-125**			
1,1,2-Trichlorotrifluoroethane	**23**	**ug/L**	**20.0**		**114**	**80-120**			
1,1-Dichloroethane	**25**	**ug/L**	**20.0**		**123**	**86-124**			
1,1-Dichloroethene	**25**	**ug/L**	**20.0**		**123**	**87-114**			
1,2-Dibromoethane	**19**	**ug/L**	**20.0**		**94.6**	**80-120**			
1,2-Dichlorobenzene	**19**	**ug/L**	**20.0**		**94.0**	**79-140**			
1,2-Dichloroethane	**25**	**ug/L**	**20.0**		**123**	**85-130**			
Surrogate: 1,2-Dichloroethane-d4	*22*	ug/L	*20.0*		*111*	*26-175*			
1,2-Dichloropropane	**24**	**ug/L**	**20.0**		**118**	**88-131**			
1,3-Dichlorobenzene	**19**	**ug/L**	**20.0**		**94.6**	**82-133**			
1,4-Dichlorobenzene	**19**	**ug/L**	**20.0**		**93.4**	**62-138**			

VOA - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1337085 - Volatile Organics No-Prep									
LCS (1337085-BS2)			Prepared & Analyzed: 17-Sep-13						
2-Butanone	**240**	**ug/L**	**200**		**122**	**73-130**			
2-Hexanone	**220**	**ug/L**	**200**		**108**	**70-138**			
Surrogate: 4-Bromofluorobenzene	*19*	ug/L	*20.0*		*93.1*	*86-126*			
4-Methyl-2-pentanone	**240**	**ug/L**	**200**		**122**	**66-134**			
Acetone	**260**	**ug/L**	**200**		**131**	**79-126**			
Acrolein	**240**	**ug/L**	**200**		**120**	**66-141**			
Acrylonitrile	**220**	**ug/L**	**200**		**112**	**86-124**			
Benzene	**24**	**ug/L**	**20.0**		**119**	**81-124**			
Bromodichloromethane	**24**	**ug/L**	**20.0**		**121**	**84-130**			
Bromoform	**18**	**ug/L**	**20.0**		**90.1**	**76-134**			
Carbon Disulfide	**24**	**ug/L**	**20.0**		**121**	**71-139**			
Carbon Tetrachloride	**24**	**ug/L**	**20.0**		**122**	**80-120**			
Chlorobenzene	**20**	**ug/L**	**20.0**		**102**	**87-124**			
Chloroethane	**26**	**ug/L**	**20.0**		**128**	**61-140**			
Chloroform	**24**	**ug/L**	**20.0**		**120**	**88-121**			
Chloromethane	**22**	**ug/L**	**20.0**		**112**	**69-126**			
cis-1,2-Dichloroethene	**24**	**ug/L**	**20.0**		**122**	**85-121**			
cis-1,3-Dichloropropene	**23**	**ug/L**	**20.0**		**115**	**80-129**			
Dibromochloromethane	**20**	**ug/L**	**20.0**		**99.2**	**81-130**			
Surrogate: Dibromofluoromethane	*22*	ug/L	*20.0*		*108*	*81-130*			
Ethylbenzene	**21**	**ug/L**	**20.0**		**104**	**73-130**			
m/p-Xylene	**43**	**ug/L**	**40.0**		**107**	**76-127**			
Methyl tert-butyl ether	**22**	**ug/L**	**20.0**		**110**	**50-150**			
Methylene Chloride	**20**	**ug/L**	**20.0**		**97.7**	**70-130**			
o-Xylene	**20**	**ug/L**	**20.0**		**99.0**	**77-130**			
Styrene	**20**	**ug/L**	**20.0**		**99.6**	**78-129**			
Tetrachloroethene	**18**	**ug/L**	**20.0**		**90.4**	**81-126**			
Toluene	**22**	**ug/L**	**20.0**		**112**	**87-127**			
Surrogate: Toluene-d8	*21*	ug/L	*20.0*		*107*	*82-127*			
trans-1,2-Dichloroethene	**23**	**ug/L**	**20.0**		**113**	**85-120**			
trans-1,3-Dichloropropene	**21**	**ug/L**	**20.0**		**106**	**82-130**			
Trichloroethene	**21**	**ug/L**	**20.0**		**106**	**84-123**			
Trichlorofluoromethane	**26**	**ug/L**	**20.0**		**129**	**80-120**			

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.

Lori G. Zdorovtsoff
Reviewed By

VOA - Quality Control

Environmental Services Laboratory

Sample ID Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1337085 - Volatile Organics No-Prep									
LCS (1337085-BS2)			Prepared & Analyzed: 17-Sep-13						
Vinyl Acetate	**20**	**ug/L**	**20.0**		**100**	**63-133**			
Vinyl Chloride	**24**	**ug/L**	**20.0**		**122**	**69-126**			
Matrix Spike (1337085-MS1)	**Source: T309065-09**		Prepared & Analyzed: 13-Sep-13						
1,1,1-Trichloroethane	**21**	**ug/L**	**20.0**	**ND**	**103**	**82-121**			
1,1,2,2-Tetrachloroethane	**20**	**ug/L**	**20.0**	**ND**	**99.0**	**77-137**			
1,1,2-Trichloroethane	**20**	**ug/L**	**20.0**	**ND**	**99.8**	**88-125**			
1,1,2-Trichlorotrifluoroethane	**21**	**ug/L**	**20.0**	**ND**	**104**	**80-120**			
1,1-Dichloroethane	**21**	**ug/L**	**20.0**	**ND**	**107**	**86-124**			
1,1-Dichloroethene	**22**	**ug/L**	**20.0**	**ND**	**111**	**87-114**			
1,2-Dibromoethane	**19**	**ug/L**	**20.0**	**ND**	**95.9**	**80-120**			
1,2-Dichlorobenzene	**19**	**ug/L**	**20.0**	**ND**	**97.4**	**79-140**			
1,2-Dichloroethane	**19**	**ug/L**	**20.0**	**ND**	**96.8**	**85-130**			
Surrogate: 1,2-Dichloroethane-d4	*20*	ug/L	*20.0*		*101*	*26-175*			
1,2-Dichloropropane	**20**	**ug/L**	**20.0**	**ND**	**102**	**88-131**			
1,3-Dichlorobenzene	**20**	**ug/L**	**20.0**	**ND**	**97.6**	**82-133**			
1,4-Dichlorobenzene	**19**	**ug/L**	**20.0**	**ND**	**96.8**	**62-138**			
2-Butanone	**230**	**ug/L**	**200**	**ND**	**113**	**73-130**			
2-Hexanone	**210**	**ug/L**	**200**	**ND**	**107**	**70-138**			
Surrogate: 4-Bromofluorobenzene	*20*	ug/L	*20.0*		*99.4*	*86-126*			
4-Methyl-2-pentanone	**210**	**ug/L**	**200**	**0.4**	**104**	**66-134**			
Acetone	**230**	**ug/L**	**200**	**7.0**	**112**	**79-126**			
Acrolein	**220**	**ug/L**	**200**	**ND**	**111**	**66-141**			
Acrylonitrile	**220**	**ug/L**	**200**	**ND**	**110**	**86-124**			
Benzene	**21**	**ug/L**	**20.0**	**ND**	**106**	**81-124**			
Bromodichloromethane	**20**	**ug/L**	**20.0**	**ND**	**101**	**84-130**			
Bromoform	**20**	**ug/L**	**20.0**	**ND**	**97.5**	**76-134**			
Carbon Disulfide	**22**	**ug/L**	**20.0**	**ND**	**112**	**71-139**			
Carbon Tetrachloride	**21**	**ug/L**	**20.0**	**ND**	**104**	**80-120**			
Chlorobenzene	**19**	**ug/L**	**20.0**	**ND**	**95.8**	**87-124**			
Chloroethane	**25**	**ug/L**	**20.0**	**ND**	**126**	**61-140**			
Chloroform	**21**	**ug/L**	**20.0**	**ND**	**106**	**88-121**			
Chloromethane	**23**	**ug/L**	**20.0**	**0.09**	**112**	**69-126**			

VOA - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1337085 - Volatile Organics No-Prep									
Matrix Spike (1337085-MS1)	**Source: T309065-09**		Prepared & Analyzed: 13-Sep-13						
cis-1,2-Dichloroethene	**24**	**ug/L**	**20.0**	**ND**	**118**	**85-121**			
cis-1,3-Dichloropropene	**19**	**ug/L**	**20.0**	**ND**	**95.3**	**80-129**			
Dibromochloromethane	**20**	**ug/L**	**20.0**	**ND**	**99.6**	**81-130**			
Surrogate: Dibromofluoromethane	*22*	ug/L	*20.0*		*109*	*81-130*			
Ethylbenzene	**20**	**ug/L**	**20.0**	**ND**	**97.9**	**73-130**			
m/p-Xylene	**39**	**ug/L**	**40.0**	**ND**	**97.6**	**76-127**			
Methyl tert-butyl ether	**19**	**ug/L**	**20.0**	**ND**	**96.3**	**50-150**			
Methylene Chloride	**17**	**ug/L**	**20.0**	**0.2**	**85.9**	**70-130**			
o-Xylene	**20**	**ug/L**	**20.0**	**ND**	**97.6**	**77-130**			
Styrene	**19**	**ug/L**	**20.0**	**ND**	**95.7**	**78-129**			
Tetrachloroethene	**20**	**ug/L**	**20.0**	**ND**	**101**	**81-126**			
Toluene	**19**	**ug/L**	**20.0**	**ND**	**95.2**	**87-127**			
Surrogate: Toluene-d8	*19*	ug/L	*20.0*		*96.8*	*82-127*			
trans-1,2-Dichloroethene	**20**	**ug/L**	**20.0**	**ND**	**102**	**85-120**			
trans-1,3-Dichloropropene	**20**	**ug/L**	**20.0**	**ND**	**102**	**82-130**			
Trichloroethene	**19**	**ug/L**	**20.0**	**ND**	**92.8**	**84-123**			
Trichlorofluoromethane	**25**	**ug/L**	**20.0**	**ND**	**123**	**80-120**			
Vinyl Acetate	**19**	**ug/L**	**20.0**	**ND**	**93.6**	**63-133**			
Vinyl Chloride	**23**	**ug/L**	**20.0**	**ND**	**116**	**68-127**			
Matrix Spike Dup (1337085-MSD1)	**Source: T309065-09**		Prepared & Analyzed: 13-Sep-13						
1,1,1-Trichloroethane	**19**	**ug/L**	**20.0**	**ND**	**97.4**	**82-121**	**5.78**	**20**	
1,1,2,2-Tetrachloroethane	**21**	**ug/L**	**20.0**	**ND**	**103**	**77-137**	**4.15**	**20**	
1,1,2-Trichloroethane	**20**	**ug/L**	**20.0**	**ND**	**101**	**88-125**	**1.54**	**20**	
1,1,2-Trichlorotrifluoroethane	**19**	**ug/L**	**20.0**	**ND**	**93.3**	**80-120**	**10.9**	**20**	
1,1-Dichloroethane	**20**	**ug/L**	**20.0**	**ND**	**102**	**86-124**	**4.56**	**20**	
1,1-Dichloroethene	**21**	**ug/L**	**20.0**	**ND**	**103**	**87-114**	**7.44**	**20**	
1,2-Dibromoethane	**20**	**ug/L**	**20.0**	**ND**	**98.9**	**80-120**	**3.08**	**20**	
1,2-Dichlorobenzene	**18**	**ug/L**	**20.0**	**ND**	**92.4**	**79-140**	**5.37**	**20**	
1,2-Dichloroethane	**20**	**ug/L**	**20.0**	**ND**	**102**	**85-130**	**5.13**	**20**	
Surrogate: 1,2-Dichloroethane-d4	*19*	ug/L	*20.0*		*96.6*	*26-175*			
1,2-Dichloropropane	**20**	**ug/L**	**20.0**	**ND**	**101**	**88-131**	**1.24**	**20**	
1,3-Dichlorobenzene	**18**	**ug/L**	**20.0**	**ND**	**90.1**	**82-133**	**7.99**	**20**	

VOA - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1337085 - Volatile Organics No-Prep									
Matrix Spike Dup (1337085-MSD1)	**Source: T309065-09**		Prepared & Analyzed: 13-Sep-13						
1,4-Dichlorobenzene	**18**	**ug/L**	**20.0**	**ND**	**89.3**	**62-138**	**8.11**	**20**	
2-Butanone	**230**	**ug/L**	**200**	**ND**	**115**	**73-130**	**1.04**	**20**	
2-Hexanone	**240**	**ug/L**	**200**	**ND**	**119**	**70-138**	**10.7**	**20**	
Surrogate: 4-Bromofluorobenzene	*19*	ug/L	*20.0*		*96.9*	*86-126*			
4-Methyl-2-pentanone	**240**	**ug/L**	**200**	**0.4**	**118**	**66-134**	**12.4**	**20**	
Acetone	**250**	**ug/L**	**200**	**7.0**	**120**	**79-126**	**6.57**	**20**	
Acrolein	**250**	**ug/L**	**200**	**ND**	**127**	**66-141**	**13.6**	**20**	
Acrylonitrile	**220**	**ug/L**	**200**	**ND**	**109**	**86-124**	**0.214**	**20**	
Benzene	**20**	**ug/L**	**20.0**	**ND**	**97.5**	**81-124**	**8.35**	**20**	
Bromodichloromethane	**20**	**ug/L**	**20.0**	**ND**	**102**	**84-130**	**1.28**	**20**	
Bromoform	**19**	**ug/L**	**20.0**	**ND**	**97.2**	**76-134**	**0.360**	**20**	
Carbon Disulfide	**20**	**ug/L**	**20.0**	**ND**	**102**	**71-139**	**9.18**	**20**	
Carbon Tetrachloride	**20**	**ug/L**	**20.0**	**ND**	**97.8**	**80-120**	**6.62**	**20**	
Chlorobenzene	**19**	**ug/L**	**20.0**	**ND**	**95.2**	**87-124**	**0.576**	**20**	
Chloroethane	**23**	**ug/L**	**20.0**	**ND**	**115**	**61-140**	**8.84**	**20**	
Chloroform	**20**	**ug/L**	**20.0**	**ND**	**99.6**	**88-121**	**6.32**	**20**	
Chloromethane	**21**	**ug/L**	**20.0**	**0.09**	**104**	**69-126**	**7.59**	**20**	
cis-1,2-Dichloroethene	**21**	**ug/L**	**20.0**	**ND**	**105**	**85-121**	**11.3**	**20**	
cis-1,3-Dichloropropene	**19**	**ug/L**	**20.0**	**ND**	**96.2**	**80-129**	**0.992**	**20**	
Dibromochloromethane	**20**	**ug/L**	**20.0**	**ND**	**101**	**81-130**	**1.10**	**20**	
Surrogate: Dibromofluoromethane	*21*	ug/L	*20.0*		*103*	*81-130*			
Ethylbenzene	**19**	**ug/L**	**20.0**	**ND**	**96.0**	**73-130**	**1.91**	**20**	
m/p-Xylene	**39**	**ug/L**	**40.0**	**ND**	**96.6**	**76-127**	**1.13**	**20**	
Methyl tert-butyl ether	**19**	**ug/L**	**20.0**	**ND**	**96.6**	**50-150**	**0.363**	**20**	
Methylene Chloride	**18**	**ug/L**	**20.0**	**0.2**	**87.1**	**70-130**	**1.37**	**20**	
o-Xylene	**19**	**ug/L**	**20.0**	**ND**	**93.7**	**77-130**	**4.13**	**20**	
Styrene	**18**	**ug/L**	**20.0**	**ND**	**91.5**	**78-129**	**4.49**	**20**	
Tetrachloroethene	**19**	**ug/L**	**20.0**	**ND**	**94.2**	**81-126**	**6.97**	**20**	
Toluene	**19**	**ug/L**	**20.0**	**ND**	**95.6**	**87-127**	**0.472**	**20**	
Surrogate: Toluene-d8	*20*	ug/L	*20.0*		*99.4*	*82-127*			
trans-1,2-Dichloroethene	**19**	**ug/L**	**20.0**	**ND**	**95.1**	**85-120**	**7.15**	**20**	
trans-1,3-Dichloropropene	**21**	**ug/L**	**20.0**	**ND**	**103**	**82-130**	**0.779**	**20**	
Trichloroethene	**18**	**ug/L**	**20.0**	**ND**	**91.2**	**84-123**	**1.74**	**20**	

VOA - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1337085 - Volatile Organics No-Prep									
Matrix Spike Dup (1337085-MSD1)	**Source: T309065-09**		Prepared & Analyzed: 13-Sep-13						
Trichlorofluoromethane	**22**	**ug/L**	**20.0**	**ND**	**110**	**80-120**	**11.2**	**20**	
Vinyl Acetate	**18**	**ug/L**	**20.0**	**ND**	**88.4**	**63-133**	**5.60**	**20**	
Vinyl Chloride	**21**	**ug/L**	**20.0**	**ND**	**106**	**68-127**	**9.51**	**20**	

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	23-Sep-13 11:30

Notes and Definitions

UJ	Analyte not detected at or above the associated estimated value
J	The result is an estimated concentration.
U	Analyte Not Detected at or above the associated value
UJ	Analyte Not Detected at or above the associated estimated value
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

CHAIN OF CUSTODY

City of Tacoma Environmental Services
326 East D Street
Tacoma
WA, 98421-1801
phone (253) 502-2130
fax (253) 502-2170

Lab Work Order Number T309065

Client Name: PW Science and Engineering	Project Name: Sauro Property RIFS
Client Contact: Calvin Taylor	Project Number: CIP-00020-01-03
Address: 326 East D Street	Project Description: Sauro Property Monitoring Wells
City: Tacoma	PO Number: 61000055543
State/Zip: WA, 98421	Sampler Signatures: Bill Essmeier, Nancy Boyle
Phone: (253) 593-7711 / Fax: (253) 502-2295	
Samplers: Bill Essmeier	

Requested Analyses: Field Measurement; EPA 8260C

Requested Turn Around: Rush requests subject to additional charge. Rush requests subject to lab approval. Standard (days) ____ Expedited (days) ____ Due Date ____

Sample Name or Field ID	#	Sampled Date	Sampled Time	Sample Type Code	Matrix Code	Container Count	Field Measurement	EPA 8260C	Sample Comments
Trip Blank	-01	9-9-13	10 00	G	W	3		3	
MW1-PP	-02		11 30	G	W	3		3	
MW2-PP	-03		11 40	G	W	3		3	
MW13-(51.5)	-04		12 20	G	W	3		3	
LAI-MW1-(63)	-05		1210	G	W	3		3	
LAI-MW2-(65)	-06		11 50	G	W	3		3	
LAI-MW3-(75)	-07		1200	G	W	3		3	
LAI-MW4-(25)	-08		1232	G	W	3		3	
LAI-MW5-(42)	-09		1050 40	G	W	3		3	
LAI-MW5-(50)	-10		1050	G	W	3		3	
RNS-MW2-(21.5)	-11		11 00	G	W	3		3	
RNS-MW2-(38.5)	-12	↓	1105	G	W	3		3	

Relinquished By	Received By: Bill Essmeier	Date/Time: 9-Sep 13 @ 1250
Relinquished By	Received By	Date/Time
Relinquished By	Received By	Date/Time
Cooler Numbers and Temperatures		

Comments

Matrix Codes: W=Water

Preserv. Codes:

Login Reviewed By: _____

Login Reviewed Date: 9/16/13

CHAIN OF CUSTODY

City of Tacoma Environmental Services
326 East D Street
Tacoma
WA, 98421-1801
phone (253) 502-2130
fax (253) 502-2170

Lab Work Order Number T309065

Client Name: PW Science and Engineering	Project Name: Sauro Property RIFS
Client Contact: Calvin Taylor	Project Number: CIP-00020-01-03
Address: 326 East D Street	Project Description: Sauro Property Monitoring Wells
City: Tacoma	PO Number: 61000055543
State/Zip: WA, 98421	Sampler Signatures: Bill Essmeier, Nancy Boyle
Phone: (253) 593-7711 / Fax: (253) 502-2295	
Samplers: Bill Essmeier	

Requested Analyses: Field Measurement; EPA 8260C

Requested Turn Around: Rush requests subject to additional charge. Rush requests subject to lab approval. Standard (days); Expedited (days); Due Date

Sample Name or Field ID	#	Sampled Date	Sampled Time	Sample Type Code	Matrix Code	Container Count	EPA 8260C	Sample Comments
RNS-MW6-(42.5)	-13	9/9/2013	1112	G	W	3	3	
RNS-MW6-(52.5)	-14	9/9/2013	1113	G	W	3	3	
MW-5 DUP	-15	9/9/2013	1050	G	W	3	3	
~~MW-JS~~	~~-16~~	~~9/9/2013~~		~~G~~	~~W~~	~~3~~	~~3~~	

Relinquished By	Received By: Bill Essmeier	Date/Time: 9-Sep-13 1250
Relinquished By	Received By	Date/Time
Relinquished By	Received By	Date/Time
Cooler Numbers and Temperatures		

Comments: MW-JS is near Johny's Seafood.

Matrix Codes: W=Water

Preserv. Codes:

Login Reviewed By: _____

Login Reviewed Date: 9/12/13

CHAIN OF CUSTODY

City of Tacoma Environmental Services
326 East D Street
Tacoma
WA, 98421-1801
phone (253) 502-2130
fax (253) 502-2170

Lab Work Order Number T309065

Client Name: PW Science and Engineering	Project Name: Sauro Property RIFS
Client Contact: Calvin Taylor	Project Number: CIP-00020-01-03
Address: 326 East D Street	Project Description: Sauro Property Monitoring Wells
City: Tacoma	PO Number: 61000055543
State/Zip: WA, 98421	Sampler Signatures: Bill Essmeier 4 Nancy Boyle
Phone: (253) 593-7711 / Fax: (253) 502-2295	
Samplers: Bill Essmeier	

Requested Analyses: Field Measurement; EPA 8260C

Requested Turn Around: Rush requests subject to additional charge. Rush requests subject to lab approval. Standard (days); Expedited (days); Due Date

Sample Name or Field ID #	Sampled Date	Sampled Time	Sample Type Code	Matrix Code	Container Count	Field Measurement	EPA 8260C	Sample Comments
MW-JS -16	9/12/2013	14:40	G	W	3		3	

Relinquished By	Received By: Bill Essmeier	Date/Time: 9-12-2013 at 1540
Relinquished By	Received By	Date/Time
Relinquished By	Received By	Date/Time
Cooler Numbers and Temperatures		

Comments: Trip Blank T309065 was tripped along for sampling. BE

Matrix Codes: W=Water

Preserv. Codes:

Login Reviewed By: _____

Login Reviewed Date: AP 9/12/13

Sauro Property Field data

T309065

Well	Level	Date	Time	Notes b1337092
MW1-PP	17.57	9-9-13	11:30	3 vials, only ~150mls then no water.
	17.88	9-6-13	1140	Pre-sample purge 320mL
MW2-PP	15,94	9-9-13	1140	3vials
	16.07	9-6-13	1205	Pre-sample purge 670mL
MW13-(51.5)	39.60	9-9-13	1220	3Vials
LAI-MW1-(63)	45.10	9-9-13	1210	3Vials
LAI-MW2-(65)	44,60	9-9-13	1150	3Vials
LAI-MW3-(75)	51.07	9-9-13	1200	3Vials
LAI-MW4-(25)	11.55	9-9-13	1232	3Vials
LAI-MW5-(42)	24.36	9-9-13	1040	6Vials QC
LAI-MW5-(50)	24.36	9-9-13	1050	6Vials DUP
RNS-MW2-(21.5)	17.24	9-9-13	11:00	3vials
RNS-MW2-(38.5)	17.24	9-9-13	11:05	3Vials
RNS-MW6-(42.5)	36.55	9-9-13	11:12	3vials
RNS-MW6-(52.5)	36.55	9-9-13	11:15	3vials
Trip Blank		9-9-13	10:00	3Vials

LAI-MW5 (50)				DUP
LAI-MW5 (42)				QC

MW-JS 6,90' 9-12-13 1440 3vials for 8260.

New sample location just west of Johnnys Seafood, in sidewalk.

Pumped by Foot valve with ~ PVC tube.

INVOICE

T309065

Invoice To:
Calvin Taylor
PW Science and Engineering
326 East D Street
Tacoma, WA 98421

Invoice Number: T309065-PWSED
Invoiced On: 23-Sep-13
Received: 12-Sep-13
Project: Sauro Property RIFS

PO Number: 61000055543
Client Contact: Calvin Taylor - PW Science and Engineering
Lab Contact: Gregory Perez - Environmental Services Laboratory

Quantity	Analysis/Description	Matrix	Unit Cost	Extended Cost
Environmental Services Laboratory				
14	Water Level	Water	$10.00	$140.00
16	VOA_8260	Water	$160.00	$2,560.00
9	VOA_8260 - Reruns	Water	$0.00	$0.00
Additional Items				
14	Diffusion Bags		$17.00	$238.00
1	QA/QC Charge			$270.00
14	Sampling Fee 1		$45.00	$630.00
			Invoice Total:	**$3,838.00**

City of Tacoma
Environmental Services Laboratory

30 September 2013

Calvin Taylor
PW Science and Engineering
326 East D Street
Tacoma, WA 98421

Subject: Sauro Property RIFS

Enclosed are the analytical results for samples collected between 09/09/2013 and 09/12/2013.

This report has been re-issued because the well ID for MW-JS was changed to MW-JS2 after the original lab report was released on 9-23-13. The only changes to this report are the new cover letter and page 43 of 53 (MW-JS became of MW-JS2). This change was initiated after review of the field notes revealed the well identified as MW-JS was not well MW-JS, but a different well.

If you have any questions concerning this report, call me at (253)502-2130. Please note that the samples associated with this report will be discarded 3 months from the date of this report unless we are notified otherwise.

Sincerely,

Stuart Magoon
Assistant Division Manager
Environmental Services Laboratory

cc.

PW Science and Engineering	Project: **Sauro Property RIFS**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	30-Sep-13 11:51

MW-JS2
T309065-16 (Water)
12-Sep-13 14:40

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Methyl tert-butyl ether	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Methylene Chloride	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
o-Xylene	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Styrene	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Tetrachloroethene	0.2 U	0.2		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Toluene	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Trichloroethene	0.2 U	0.2		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Vinyl Chloride	0.2 U	0.2		ug/L	17-Sep-13	17-Sep-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*111 %*	*26-175*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*88.6 %*	*86-126*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*108 %*	*81-130*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*
Surrogate: Toluene-d8		*110 %*	*82-127*		*17-Sep-13*	*17-Sep-13*	*EPA 8260C*

City of Tacoma
Environmental Services Laboratory

16 December 2013

Calvin Taylor
PW Science and Engineering
326 East D Street
Tacoma, WA 98421

Subject: Sauro Property 201311 Wells

Enclosed are the analytical results for samples collected between 11/25/2013 and 11/26/2013.

Quality Control Data are included with the sample results for your review.

If you have any questions concerning this report, call me at (253)502-2130. Please note that remaining samples associated with this report will be discarded 3 months from the date of this report unless we are notified otherwise.

Sincerely,

Stuart Magoon
Assistant Division Manager
Environmental Services Laboratory

cc. Lauren Knickrehm

PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled
LAI-B6(20)-20131125	T311194-01	Water	25-Nov-13 11:10
LAI-B7(20)-20131125	T311194-02	Water	25-Nov-13 12:34
LAI-B8(20)-20131125	T311194-03	Water	25-Nov-13 14:43
LAI-B9(20)-20131126	T311194-04	Water	26-Nov-13 09:09
LAI-B10(19)-20131126	T311194-05	Water	26-Nov-13 12:01
Trip Blank	T311194-06	Water	25-Nov-13 00:00
LAI-B99(20)-20131125	T311194-07	Water	25-Nov-13 11:06
LAI-GWDrum-20131126	T311194-08	Water	26-Nov-13 13:25
LAI-SoilDrum-20131126	T311194-09	Soil	26-Nov-13 13:35
LAI-B6(25.6)-20131125	T311194-10	Water	25-Nov-13 11:05
LAI-B7(25)-20131125	T311194-11	Water	25-Nov-13 13:26
LAI-B8(25)-20131125	T311194-12	Water	25-Nov-13 15:28
LAI-B9(30)-20131126	T311194-13	Water	26-Nov-13 10:01
LAI-B10(30)-20131126	T311194-14	Water	26-Nov-13 13:00
LAI-GWDrum-20131126	T311194-15	Water	26-Nov-13 14:16

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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CHAIN OF CUSTODY

The samples were received under appropriate Chain of Custody procedures.

SAMPLE RECEIPT, PRESERVATION AND STORAGE

Samples were properly preserved and stored in accordance with the applicable method requirements.

HOLDING TIMES

All analyses were performed within the required holding times.

METHODS

The samples were analyzed by the following methods:

Standard Methods 2540G for Total Solids
EPA Method 6020A for Total Metals
EPA Method 6010C for Total Metals
EPA Method 7470A for Total Mercury
EPA Method 7471B for Total Mercury
EPA Method 8260C for Volatile Organic Analysis (VOA)
Washington DOE Methods NWTPH-Gx for Gasoline

MINIMUM REPORTING LIMITS

All analytes are reported to the Practical Quantitation Limit (PQL) which is below or no greater than the Minimum Project Reporting Limit.

BLANKS

Blanks were analyzed at the required frequencies of the methods. Sample T311194-06 was a Trip Blank for VOA analysis. There was a minimum of one Method Blank for each analytical method. Blank values were less than the PQL, sample concentrations were greater than 10 times the blank values, or the analytes were not detected in the sample, **except for Bromomethane at at 29 ug/Kg and Methylene Chloride at 35 ug/Kg in Blank 1350011-BLK1. Both of these analyte values for sample T311194-09 are qualified not detected and estimated at their reported values (UJ).**

SURROGATE COMPOUNDS

Surrogate compounds were added to each sample to monitor system performance. Surrogate recoveries were within the laboratory's control limits with several that had low recoveries of a single surrogate and sample T311194-08 with 2 surrogates with low recoveries. Samples with only one low surrogate do not warrant qualification. **Sample T311194-08 has 6 analytes that were detected and their values are qualified estimated (J) due to 2 low surrogate recoveries. Note that actual recoveries and data are shown in the data pages.**

LABORATORY CONTROL SAMPLES

Laboratory Control Samples were analyzed with these samples for all parameters. The recoveries were within the laboratory limits, except for Trichlorofluoromethane at 123% (limit 80-120%). This analyte was not detected in the samples and does not warrant qualification of data due to a high LCS recovery.

CONTINUING CALIBRATION VERIFICATION

The continuing calibration met method 8260 requirements with recoveries inside the limits of 80-120% **except for 8 analytes with low recoveries (2-Butanone, 2-Hexanone, 4-Methyl-2-pentanone, Acrolein, Acetone, Acrylonitrile, Carbon Disulfide, and Chloromethane). Not all of the analytes were detected in all of the samples. The analytes that were not detected above the PQL are qualified at their not detected and estimated values (UJ). The values of detected analytes are qualified as estimated at their estimated reported values (J). Note that qualified analytes are shown in the data pages.**

MATRIX SPIKE AND MATRIX SPIKE DUPLICATE ANALYSIS

Matrix Spike (MS) and Matrix Spike Duplicate (MSD) analysis was performed with these samples. The recoveries were not all within the laboratory limits. There were numerous MS and MSD recoveries that were not within limits. Those analyte values that had one MS or MSD recovery out of limits do not warrant qualification. For the 6 analytes in sample T311194-09 and the one analyte in sample T311194-08 that had both MS and MSD recoveries outside of the limits, none of them were detected in the native samples. Of these 6 analytes in sample T311194-09 2 of them had elevated recoveries and do not warrant qualification. **The 1 analyte in sample T311194-08 and the 4 analytes in sample T311194-09 that were not detected all had low MS and MSD responses. Their analyte values are all qualified as not detected and estimated at their reported values (UJ) in their respective sample. Note that the recoveries are reported in the QC section of the following data pages.**

INTERNAL STANDARDS

Internal Standards were added to these samples for quantitation purposes. The Area counts of these standards must not vary more than a factor of two from the mid-point standard of the calibration curve according to the method. The retention times must not vary by more than 30 seconds. No compounds varied by more than 30 seconds retention time. The internal standard criteria were met for these samples.

DATA AVAILABILITY

All data associated with the samples referenced in this report are archived at the Environmental Services Laboratory and are available upon request.

PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

LAI-B6(20)-20131125
T311194-01 (Water)
25-Nov-13 11:10

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1,2-Trichloroethane	**0.8**	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1-Dichloroethene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
2-Butanone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
2-Hexanone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
4-Methyl-2-pentanone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Acetone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Acrolein	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Acrylonitrile	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Benzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Bromomethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Carbon Disulfide	0.5 UJ	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chloroform	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chloromethane	0.5 UJ	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
cis-1,2-Dichloroethene	0.2 U	0.2	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
m/p-Xylene	1.0 U	1.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Methyl tert-butyl ether	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Methylene Chloride	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
o-Xylene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C

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PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

LAI-B6(20)-20131125
T311194-01 (Water)
25-Nov-13 11:10

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Styrene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Tetrachloroethene	0.2 U	0.2		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Toluene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Trichloroethene	0.2 U	0.2		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Vinyl Chloride	0.2 U	0.2		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*26-175*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*101 %*	*86-126*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*66.1 %*	*81-130*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*
Surrogate: Toluene-d8		*102 %*	*82-127*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*

Center for Urban Waters - Environmental Services Lab

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Reviewed By

PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

LAI-B7(20)-20131125
T311194-02 (Water)
25-Nov-13 12:34

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1-Dichloroethene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
2-Butanone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
2-Hexanone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
4-Methyl-2-pentanone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Acetone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Acrolein	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Acrylonitrile	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Benzene	**0.6**	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Bromomethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Carbon Disulfide	0.5 UJ	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chloroform	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chloromethane	0.5 UJ	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
cis-1,2-Dichloroethene	0.2 U	0.2	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
m/p-Xylene	1.0 U	1.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Methyl tert-butyl ether	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Methylene Chloride	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
o-Xylene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C

PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

LAI-B7(20)-20131125
T311194-02 (Water)
25-Nov-13 12:34

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Styrene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Tetrachloroethene	0.2 U	0.2		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Toluene	**0.5**	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Trichloroethene	0.2 U	0.2		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Vinyl Chloride	0.2 U	0.2		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*26-175*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*97.4 %*	*86-126*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*53.5 %*	*81-130*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*
Surrogate: Toluene-d8		*101 %*	*82-127*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

LAI-B8(20)-20131125
T311194-03 (Water)
25-Nov-13 14:43

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1-Dichloroethene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
2-Butanone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
2-Hexanone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
4-Methyl-2-pentanone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Acetone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Acrolein	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Acrylonitrile	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Benzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Bromomethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Carbon Disulfide	0.5 UJ	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chloroform	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chloromethane	0.5 UJ	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
cis-1,2-Dichloroethene	0.2 U	0.2	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
m/p-Xylene	1.0 U	1.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Methyl tert-butyl ether	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Methylene Chloride	**0.5 U**	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
o-Xylene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C

Center for Urban Waters - Environmental Services Lab

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PW Science and Engineering	Project: Sauro Property 201311 Wells	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

LAI-B8(20)-20131125
T311194-03 (Water)
25-Nov-13 14:43

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Styrene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Tetrachloroethene	0.2 U	0.2		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Toluene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Trichloroethene	0.2 U	0.2		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Vinyl Chloride	0.2 U	0.2		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*96.7 %*	*26-175*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*95.4 %*	*86-126*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*54.7 %*	*81-130*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*
Surrogate: Toluene-d8		*100 %*	*82-127*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

LAI-B9(20)-20131126
T311194-04 (Water)
26-Nov-13 09:09

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1-Dichloroethene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
2-Butanone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
2-Hexanone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
4-Methyl-2-pentanone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Acetone	**5.2 J**	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Acrolein	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Acrylonitrile	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Benzene	**0.6**	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Bromomethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Carbon Disulfide	0.5 UJ	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chloroform	**0.7**	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chloromethane	0.5 UJ	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
cis-1,2-Dichloroethene	0.2 U	0.2	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
m/p-Xylene	**1.8**	1.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Methyl tert-butyl ether	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Methylene Chloride	**0.5 U**	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
o-Xylene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C

PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

LAI-B9(20)-20131126
T311194-04 (Water)
26-Nov-13 09:09

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Styrene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Tetrachloroethene	0.2 U	0.2		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Toluene	**1.5**	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Trichloroethene	0.2 U	0.2		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Vinyl Chloride	0.2 U	0.2		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*26-175*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*97.2 %*	*86-126*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*54.9 %*	*81-130*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*
Surrogate: Toluene-d8		*102 %*	*82-127*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

LAI-B10(19)-20131126
T311194-05 (Water)
26-Nov-13 12:01

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1-Dichloroethene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
2-Butanone	**10 J**	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
2-Hexanone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
4-Methyl-2-pentanone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Acetone	**31 J**	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Acrolein	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Acrylonitrile	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Benzene	**0.7**	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Bromomethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Carbon Disulfide	0.5 UJ	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chloroform	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chloromethane	0.5 UJ	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
cis-1,2-Dichloroethene	0.2 U	0.2	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
m/p-Xylene	**2.6**	1.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Methyl tert-butyl ether	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Methylene Chloride	**0.5 U**	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
o-Xylene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C

Center for Urban Waters - Environmental Services Lab

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PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

LAI-B10(19)-20131126
T311194-05 (Water)
26-Nov-13 12:01

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Styrene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Tetrachloroethene	0.2 U	0.2		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Toluene	**2.5**	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Trichloroethene	0.2 U	0.2		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Vinyl Chloride	0.2 U	0.2		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*26-175*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*96.1 %*	*86-126*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*57.0 %*	*81-130*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*
Surrogate: Toluene-d8		*102 %*	*82-127*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

Trip Blank
T311194-06 (Water)
25-Nov-13 00:00

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1-Dichloroethene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
2-Butanone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
2-Hexanone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
4-Methyl-2-pentanone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Acetone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Acrolein	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Acrylonitrile	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Benzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Bromomethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Carbon Disulfide	0.5 UJ	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chloroform	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chloromethane	0.5 UJ	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
cis-1,2-Dichloroethene	0.2 U	0.2	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
m/p-Xylene	1.0 U	1.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Methyl tert-butyl ether	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Methylene Chloride	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
o-Xylene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C

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PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

Trip Blank
T311194-06 (Water)
25-Nov-13 00:00

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Styrene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Tetrachloroethene	0.2 U	0.2		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Toluene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Trichloroethene	0.2 U	0.2		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Vinyl Chloride	0.2 U	0.2		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*99.5 %*	*26-175*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*100 %*	*86-126*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*105 %*	*81-130*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*
Surrogate: Toluene-d8		*99.6 %*	*82-127*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

LAI-B99(20)-20131125
T311194-07 (Water)
25-Nov-13 11:06

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1-Dichloroethene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
2-Butanone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
2-Hexanone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
4-Methyl-2-pentanone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Acetone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Acrolein	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Acrylonitrile	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Benzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Bromomethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Carbon Disulfide	0.5 UJ	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chloroform	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chloromethane	0.5 UJ	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
cis-1,2-Dichloroethene	0.2 U	0.2	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
m/p-Xylene	1.0 U	1.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Methyl tert-butyl ether	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Methylene Chloride	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
o-Xylene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C

PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

LAI-B99(20)-20131125
T311194-07 (Water)
25-Nov-13 11:06

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Styrene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Tetrachloroethene	0.2 U	0.2		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Toluene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Trichloroethene	0.2 U	0.2		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Vinyl Chloride	0.2 U	0.2		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*98.6 %*	*26-175*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*98.8 %*	*86-126*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*60.2 %*	*81-130*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*
Surrogate: Toluene-d8		*103 %*	*82-127*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

LAI-GWDrum-20131126
T311194-08 (Water)
26-Nov-13 13:25

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1-Dichloroethene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
2-Butanone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
2-Hexanone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
4-Methyl-2-pentanone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Acetone	**11 J**	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Acrolein	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Acrylonitrile	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Benzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Bromomethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Carbon Disulfide	**0.5 J**	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chloroform	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chloromethane	0.5 UJ	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
cis-1,2-Dichloroethene	**0.3 J**	0.2	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Ethylbenzene	**1.1 J**	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
m/p-Xylene	**4.6 J**	1.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Methyl tert-butyl ether	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Methylene Chloride	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
o-Xylene	**1.7 J**	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C

PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

LAI-GWDrum-20131126

T311194-08 (Water)

26-Nov-13 13:25

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Styrene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Tetrachloroethene	0.2 U	0.2		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Toluene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Trichloroethene	0.2 U	0.2		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Vinyl Acetate	0.5 UJ	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Vinyl Chloride	0.2 U	0.2		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*94.2 %*	*26-175*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*101 %*	*86-126*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*64.4 %*	*81-130*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*
Surrogate: Toluene-d8		*44.0 %*	*82-127*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

LAI-SoilDrum-20131126
T311194-09 (Soil)
26-Nov-13 13:35

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
Conventional						
Total Solids	**86.4**	1.0	%	03-Dec-13	03-Dec-13	SM 2540 G
Metals						
Arsenic	**1.58**	0.231	mg/kg dry	02-Dec-13	02-Dec-13	EPA 6020A
Barium	**25.2**	0.231	mg/kg dry	02-Dec-13	02-Dec-13	EPA 6020A
Cadmium	0.231 U	0.231	mg/kg dry	02-Dec-13	02-Dec-13	EPA 6020A
Chromium	**18.7**	0.231	mg/kg dry	02-Dec-13	02-Dec-13	EPA 6020A
Copper	**10.7**	0.231	mg/kg dry	02-Dec-13	02-Dec-13	EPA 6020A
Lead	**1.96**	0.231	mg/kg dry	02-Dec-13	02-Dec-13	EPA 6020A
Mercury	0.0143 U	0.0143	mg/kg dry	02-Dec-13	03-Dec-13	EPA 7471B
Nickel	**8.33**	0.231	mg/kg dry	02-Dec-13	02-Dec-13	EPA 6020A
Selenium	0.231 U	0.231	mg/kg dry	02-Dec-13	02-Dec-13	EPA 6020A
Silver	0.231 U	0.231	mg/kg dry	02-Dec-13	02-Dec-13	EPA 6020A
Zinc	**22.1**	0.231	mg/kg dry	02-Dec-13	02-Dec-13	EPA 6020A
VOA						
1,1,1,2-Tetrachloroethane	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
1,1,1-Trichloroethane	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
1,1,2,2-Tetrachloroethane	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
1,1,2-Trichloroethane	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
1,1-Dichloroethane	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
1,1-Dichloroethene	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
1,1-Dichloropropene	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
1,2,3-Trichlorobenzene	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
1,2,3-Trichloropropane	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
1,2,4-Trichlorobenzene	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
1,2-Dibromoethane	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
1,2-Dichlorobenzene	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
1,2-Dichloroethane	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
1,2-Dichloropropane	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
1,3-Dichlorobenzene	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
1,3-Dichloropropane	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
1,4-Dichlorobenzene	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
2,2-Dichloropropane	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
2-Butanone	270 U	270	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C

PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

LAI-SoilDrum-20131126
T311194-09 (Soil)
26-Nov-13 13:35

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
VOA						
2-Chlorotoluene	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
2-Hexanone	270 U	270	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
4-Chlorotoluene	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
4-Methyl-2-pentanone	270 U	270	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
Acetone	270 U	270	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
Acrolein	270 U	270	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
Acrylonitrile	270 U	270	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
Benzene	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
Bromobenzene	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
Bromodichloromethane	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
Bromoform	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
Bromomethane	**54 UJ**	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
Carbon Disulfide	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
Carbon Tetrachloride	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
Chlorobenzene	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
Chloroethane	27 UJ	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
Chloroform	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
Chloromethane	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
cis-1,2-Dichloroethene	11 U	11	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
cis-1,3-Dichloropropene	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
Dibromochloromethane	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
Dibromomethane	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
Ethylbenzene	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
Hexachlorobutadiene	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
Isopropylbenzene	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
m/p-Xylene	53 U	53	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
Methyl tert-butyl ether	53 U	53	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
Methylene Chloride	**43 UJ**	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
Naphthalene	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
n-Butylbenzene	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
n-Propylbenzene	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
o-Xylene	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
sec-Butylbenzene	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
Styrene	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
tert-Butylbenzene	27 U	27	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
Tetrachloroethene	11 U	11	ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C

PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

LAI-SoilDrum-20131126
T311194-09 (Soil)
26-Nov-13 13:35

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Toluene	27 U	27		ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
trans-1,2-Dichloroethene	27 U	27		ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
trans-1,3-Dichloropropene	27 U	27		ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
Trichloroethene	11 U	11		ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
Trichlorofluoromethane	27 UJ	27		ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
Vinyl Acetate	27 UJ	27		ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
Vinyl Chloride	11 U	11		ug/kg dry	09-Dec-13	09-Dec-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*118 %*	*26-175*		*09-Dec-13*	*09-Dec-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*106 %*	*86-126*		*09-Dec-13*	*09-Dec-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*109 %*	*81-130*		*09-Dec-13*	*09-Dec-13*	*EPA 8260C*
Surrogate: Toluene-d8		*110 %*	*82-127*		*09-Dec-13*	*09-Dec-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

LAI-SoilDrum-20131126
T311194-09RE1 (Soil)
26-Nov-13 13:35

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
NWTPH-Gasoline	13 U	13		mg/kg dry	27-Nov-13	06-Dec-13	NWTPH-Gx (GC/MS)
Surrogate: 4-Bromofluorobenzene		*110 %*	*50-150*		*27-Nov-13*	*06-Dec-13*	*NWTPH-Gx (GC/MS)*

PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

LAI-B6(25.6)-20131125
T311194-10 (Water)
25-Nov-13 11:05

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1-Dichloroethene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
2-Butanone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
2-Hexanone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
4-Methyl-2-pentanone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Acetone	**7.0 J**	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Acrolein	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Acrylonitrile	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Benzene	**1.0**	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Bromomethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Carbon Disulfide	**0.5 J**	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chloroform	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chloromethane	0.5 UJ	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
cis-1,2-Dichloroethene	0.2 U	0.2	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
m/p-Xylene	1.0 U	1.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Methyl tert-butyl ether	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Methylene Chloride	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
o-Xylene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C

PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

LAI-B6(25.6)-20131125
T311194-10 (Water)
25-Nov-13 11:05

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Styrene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Tetrachloroethene	0.2 U	0.2		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Toluene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Trichloroethene	0.2 U	0.2		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Vinyl Chloride	0.2 U	0.2		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*98.9 %*	*26-175*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*98.7 %*	*86-126*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*67.2 %*	*81-130*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*
Surrogate: Toluene-d8		*102 %*	*82-127*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

LAI-B7(25)-20131125
T311194-11 (Water)
25-Nov-13 13:26

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1-Dichloroethene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
2-Butanone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
2-Hexanone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
4-Methyl-2-pentanone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Acetone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Acrolein	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Acrylonitrile	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Benzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Bromomethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Carbon Disulfide	0.5 UJ	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chloroform	**0.6**	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chloromethane	0.5 UJ	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
cis-1,2-Dichloroethene	0.2 U	0.2	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
m/p-Xylene	**2.0**	1.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Methyl tert-butyl ether	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Methylene Chloride	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
o-Xylene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C

Center for Urban Waters - Environmental Services Lab

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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PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

LAI-B7(25)-20131125
T311194-11 (Water)
25-Nov-13 13:26

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Styrene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Tetrachloroethene	0.2 U	0.2		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Toluene	**1.6**	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Trichloroethene	0.2 U	0.2		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Vinyl **Chloride**	**0.6**	0.2		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*26-175*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*96.3 %*	*86-126*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*88.9 %*	*81-130*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*
Surrogate: Toluene-d8		*101 %*	*82-127*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

LAI-B8(25)-20131125
T311194-12 (Water)
25-Nov-13 15:28

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1-Dichloroethene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
2-Butanone	**8.8 J**	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
2-Hexanone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
4-Methyl-2-pentanone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Acetone	**23 J**	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Acrolein	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Acrylonitrile	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Benzene	**0.7**	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Bromomethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Carbon Disulfide	**0.5 J**	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chloroform	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chloromethane	0.5 UJ	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
cis-1,2-Dichloroethene	0.2 U	0.2	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
m/p-Xylene	**2.6**	1.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Methyl tert-butyl ether	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Methylene Chloride	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
o-Xylene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C

PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

LAI-B8(25)-20131125
T311194-12 (Water)
25-Nov-13 15:28

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Styrene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Tetrachloroethene	0.2 U	0.2		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Toluene	**1.8**	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Trichloroethene	0.2 U	0.2		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Vinyl Chloride	0.2 U	0.2		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*26-175*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*96.0 %*	*86-126*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*73.1 %*	*81-130*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*
Surrogate: Toluene-d8		*101 %*	*82-127*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

LAI-B9(30)-20131126
T311194-13 (Water)
26-Nov-13 10:01

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1-Dichloroethene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
2-Butanone	**6.1 J**	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
2-Hexanone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
4-Methyl-2-pentanone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Acetone	**18 J**	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Acrolein	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Acrylonitrile	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Benzene	**0.5**	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Bromomethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Carbon Disulfide	0.5 UJ	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chloroform	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chloromethane	0.5 UJ	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
cis-1,2-Dichloroethene	0.2 U	0.2	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
m/p-Xylene	**1.0**	1.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Methyl tert-butyl ether	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Methylene Chloride	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
o-Xylene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C

Center for Urban Waters - Environmental Services Lab

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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PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

LAI-B9(30)-20131126
T311194-13 (Water)
26-Nov-13 10:01

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Styrene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Tetrachloroethene	0.2 U	0.2		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Toluene	**1.1**	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Trichloroethene	0.2 U	0.2		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Vinyl Chloride	0.2 U	0.2		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*99.1 %*	*26-175*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*97.3 %*	*86-126*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*69.5 %*	*81-130*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*
Surrogate: Toluene-d8		*102 %*	*82-127*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

LAI-B10(30)-20131126
T311194-14 (Water)
26-Nov-13 13:00

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
VOA						
1,1,1-Trichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1,2,2-Tetrachloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1,2-Trichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1,2-Trichlorotrifluoroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1-Dichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,1-Dichloroethene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dibromoethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dichlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dichloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,2-Dichloropropane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,3-Dichlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
1,4-Dichlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
2-Butanone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
2-Hexanone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
4-Methyl-2-pentanone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Acetone	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Acrolein	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Acrylonitrile	5.0 UJ	5.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Benzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Bromodichloromethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Bromoform	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Bromomethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Carbon Disulfide	0.5 UJ	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Carbon Tetrachloride	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chlorobenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chloroethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chloroform	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Chloromethane	0.5 UJ	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
cis-1,2-Dichloroethene	**5.8**	0.2	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
cis-1,3-Dichloropropene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Dibromochloromethane	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Ethylbenzene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
m/p-Xylene	1.0 U	1.0	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Methyl tert-butyl ether	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Methylene Chloride	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C
o-Xylene	0.5 U	0.5	ug/L	27-Nov-13	27-Nov-13	EPA 8260C

Center for Urban Waters - Environmental Services Lab

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.

Reviewed By

PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

LAI-B10(30)-20131126
T311194-14 (Water)
26-Nov-13 13:00

Analyte	Result	PQL		Units	Prepared	Analyzed	Method
VOA							
Styrene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Tetrachloroethene	**0.2**	0.2		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Toluene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
trans-1,2-Dichloroethene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
trans-1,3-Dichloropropene	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Trichloroethene	**0.4**	0.2		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Trichlorofluoromethane	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Vinyl Acetate	0.5 U	0.5		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Vinyl Chloride	0.2 U	0.2		ug/L	27-Nov-13	27-Nov-13	EPA 8260C
Surrogate: 1,2-Dichloroethane-d4		*101 %*	*26-175*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*
Surrogate: 4-Bromofluorobenzene		*96.2 %*	*86-126*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*
Surrogate: Dibromofluoromethane		*60.6 %*	*81-130*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*
Surrogate: Toluene-d8		*101 %*	*82-127*		*27-Nov-13*	*27-Nov-13*	*EPA 8260C*

PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

LAI-GWDrum-20131126

T311194-15 (Water)

26-Nov-13 14:16

Analyte	Result	PQL	Units	Prepared	Analyzed	Method
Metals						
Arsenic	**10.3**	2.00	ug/L	02-Dec-13	03-Dec-13	EPA 6020A
Barium	**38.8**	2.00	ug/L	02-Dec-13	03-Dec-13	EPA 6020A
Cadmium	2.00 U	2.00	ug/L	02-Dec-13	03-Dec-13	EPA 6020A
Chromium	**75.5**	2.00	ug/L	02-Dec-13	03-Dec-13	EPA 6020A
Lead	**3.49**	2.00	ug/L	02-Dec-13	03-Dec-13	EPA 6020A
Mercury	0.050 U	0.050	ug/L	02-Dec-13	03-Dec-13	EPA 7470A
Selenium	**2.43**	2.00	ug/L	02-Dec-13	03-Dec-13	EPA 6020A
Silver	2.00 U	2.00	ug/L	02-Dec-13	03-Dec-13	EPA 6020A

PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

Conventional - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1349039 - Conventionals No-Prep									
Blank (1349039-BLK1)			Prepared & Analyzed: 03-Dec-13						
Total Solids	1.0 U	%							
Duplicate (1349039-DUP1)	**Source: T311194-09**		Prepared & Analyzed: 03-Dec-13						
Total Solids	**88.6**	**%**		**86.4**			**3**	**35**	

Metals - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1349005 - 3051A									
Blank (1349005-BLK1)			Prepared & Analyzed: 02-Dec-13						
Arsenic	0.100 U	mg/kg dry							
Barium	0.100 U	mg/kg dry							
Cadmium	0.100 U	mg/kg dry							
Chromium	0.100 U	mg/kg dry							
Copper	0.100 U	mg/kg dry							
Lead	0.100 U	mg/kg dry							
Nickel	0.100 U	mg/kg dry							
Selenium	0.100 U	mg/kg dry							
Silver	0.100 U	mg/kg dry							
Zinc	0.100 U	mg/kg dry							
Duplicate (1349005-DUP1)		Source: T311194-09	Prepared & Analyzed: 02-Dec-13						
Arsenic	**1.99**	**mg/kg dry**		**1.58**			**23**	**35**	
Barium	**29.5**	**mg/kg dry**		**25.2**			**16**	**35**	
Cadmium	**0.231 U**	**mg/kg dry**		**0.0350**			**1**	**35**	
Chromium	**21.6**	**mg/kg dry**		**18.7**			**15**	**35**	
Copper	**14.1**	**mg/kg dry**		**10.7**			**28**	**35**	
Lead	**2.45**	**mg/kg dry**		**1.96**			**22**	**35**	
Nickel	**10.1**	**mg/kg dry**		**8.33**			**19**	**35**	
Selenium	**0.231 U**	**mg/kg dry**		**0.0351**			**6**	**35**	
Silver	**0.231 U**	**mg/kg dry**		**0.0337**			**5**	**35**	
Zinc	**26.2**	**mg/kg dry**		**22.1**			**17**	**35**	
Matrix Spike (1349005-MS1)		Source: T311194-09	Prepared & Analyzed: 02-Dec-13						
Arsenic	**183**	**mg/kg dry**	**189**	**1.58**	**96**	**70-130**			
Barium	**215**	**mg/kg dry**	**189**	**25.2**	**101**	**70-130**			
Cadmium	**182**	**mg/kg dry**	**189**	**0.0350**	**96**	**70-130**			
Chromium	**210**	**mg/kg dry**	**189**	**18.7**	**101**	**70-130**			
Copper	**194**	**mg/kg dry**	**189**	**10.7**	**97**	**70-130**			
Lead	**177**	**mg/kg dry**	**189**	**1.96**	**93**	**70-130**			
Nickel	**193**	**mg/kg dry**	**189**	**8.33**	**98**	**75-125**			
Selenium	**181**	**mg/kg dry**	**189**	**0.0351**	**96**	**70-130**			
Silver	**183**	**mg/kg dry**	**189**	**0.0337**	**97**	**70-130**			
Zinc	**207**	**mg/kg dry**	**189**	**22.1**	**98**	**70-130**			

PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

Metals - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1349005 - 3051A									
Reference (1349005-SRM1)			Prepared & Analyzed: 02-Dec-13						
Arsenic	88.9	mg/kg dry	88.4		101	78-130			
Barium	1010	mg/kg dry	710		143	10-250			
Cadmium	231	mg/kg dry	225		103	73-127			
Chromium	105	mg/kg dry	92.7		114	66-130			
Copper	430	mg/kg dry	418		103	76-124			
Lead	298	mg/kg dry	266		112	76-124			
Nickel	226	mg/kg dry	206		110	74-126			
Selenium	50.0	mg/kg dry	47.9		104	59-141			
Silver	86.6	mg/kg dry	75.9		114	54-146			
Zinc	933	mg/kg dry	927		101	69-126			
Batch 1349009 - Waterbath									
Blank (1349009-BLK1)			Prepared: 02-Dec-13 Analyzed: 03-Dec-13						
Mercury	0.0040 U	mg/kg dry							
Duplicate (1349009-DUP1)		Source: T311194-09	Prepared: 02-Dec-13 Analyzed: 03-Dec-13						
Mercury	0.0139 U	mg/kg dry		ND				35	
Matrix Spike (1349009-MS1)		Source: T311194-09	Prepared: 02-Dec-13 Analyzed: 03-Dec-13						
Mercury	0.637	mg/kg dry	0.685	ND	93	75-125			
Matrix Spike Dup (1349009-MSD1)		Source: T311194-09	Prepared: 02-Dec-13 Analyzed: 03-Dec-13						
Mercury	0.648	mg/kg dry	0.704	ND	92	75-125	2	35	
Reference (1349009-SRM1)			Prepared: 02-Dec-13 Analyzed: 03-Dec-13						
Mercury	27.6	mg/kg dry	25.0		110	11-289			

PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

Metals - Quality Control

Environmental Services Laboratory

Sample ID Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1349011 - Waterbath									
Blank (1349011-BLK1)			Prepared: 02-Dec-13 Analyzed: 03-Dec-13						
Mercury	0.050 U	ug/L							
LCS (1349011-BS1)			Prepared: 02-Dec-13 Analyzed: 03-Dec-13						
Mercury	**2.22**	**ug/L**	**2.00**		**111**	**80-120**			
Duplicate (1349011-DUP1)	**Source: T311194-15**		Prepared: 02-Dec-13 Analyzed: 03-Dec-13						
Mercury	0.050 U	ug/L		ND				20	
Matrix Spike (1349011-MS1)	**Source: T311194-15**		Prepared: 02-Dec-13 Analyzed: 03-Dec-13						
Mercury	**1.06**	**ug/L**	**1.00**	**ND**	**106**	**75-125**			
Batch 1349013 - 3005A									
Blank (1349013-BLK1)			Prepared: 02-Dec-13 Analyzed: 03-Dec-13						
Arsenic	1.00 U	ug/L							
Barium	1.00 U	ug/L							
Cadmium	1.00 U	ug/L							
Chromium	1.00 U	ug/L							
Lead	1.00 U	ug/L							
Selenium	1.00 U	ug/L							
Silver	1.00 U	ug/L							
LCS (1349013-BS1)			Prepared: 02-Dec-13 Analyzed: 03-Dec-13						
Arsenic	**104**	**ug/L**	**100**		**104**	**80-120**			
Barium	**104**	**ug/L**	**100**		**104**	**80-120**			
Cadmium	**41.8**	**ug/L**	**40.0**		**105**	**80-120**			
Chromium	**109**	**ug/L**	**100**		**109**	**80-120**			
Lead	**105**	**ug/L**	**100**		**105**	**80-120**			
Selenium	**104**	**ug/L**	**100**		**104**	**80-120**			
Silver	**10.9**	**ug/L**	**10.0**		**109**	**80-120**			

PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

Metals - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1349013 - 3005A									
Duplicate (1349013-DUP1)	**Source: T311194-15**		Prepared: 02-Dec-13 Analyzed: 03-Dec-13						
Arsenic	**11.1**	**ug/L**		**10.3**			**8**	**20**	
Barium	**40.3**	**ug/L**		**38.8**			**4**	**20**	
Cadmium	**2.00 U**	**ug/L**		**0.301**			**25**	**20**	
Chromium	**80.3**	**ug/L**		**75.5**			**6**	**20**	
Lead	**3.54**	**ug/L**		**3.49**			**2**	**20**	
Selenium	**2.59**	**ug/L**		**2.43**			**6**	**20**	
Silver	**2.00 U**	**ug/L**		**0.096**			**19**	**20**	
Matrix Spike (1349013-MS1)	**Source: T311194-15**		Prepared: 02-Dec-13 Analyzed: 03-Dec-13						
Arsenic	**221**	**ug/L**	**200**	**10.3**	**105**	**70-130**			
Barium	**247**	**ug/L**	**200**	**38.8**	**104**	**70-130**			
Cadmium	**203**	**ug/L**	**200**	**0.301**	**102**	**70-130**			
Chromium	**294**	**ug/L**	**200**	**75.5**	**109**	**70-130**			
Lead	**202**	**ug/L**	**200**	**3.49**	**99**	**70-130**			
Selenium	**218**	**ug/L**	**200**	**2.43**	**108**	**70-130**			
Silver	**204**	**ug/L**	**200**	**0.096**	**102**	**70-130**			

VOA - Quality Control

Environmental Services Laboratory

Sample ID Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1348037 - Volatile Organics No-Prep									
Blank (1348037-BLK1)			Prepared & Analyzed: 27-Nov-13						
1,1,1-Trichloroethane	0.5 U	ug/L							
1,1,2,2-Tetrachloroethane	0.5 U	ug/L							
1,1,2-Trichloroethane	0.5 U	ug/L							
1,1,2-Trichlorotrifluoroethane	0.5 U	ug/L							
1,1-Dichloroethane	0.5 U	ug/L							
1,1-Dichloroethene	0.5 U	ug/L							
1,2-Dibromoethane	0.5 U	ug/L							
1,2-Dichlorobenzene	0.5 U	ug/L							
1,2-Dichloroethane	0.5 U	ug/L							
Surrogate: 1,2-Dichloroethane-d4	*20*	ug/L	*20.0*		*98.8*	*26-175*			
1,2-Dichloropropane	0.5 U	ug/L							
1,3-Dichlorobenzene	0.5 U	ug/L							
1,4-Dichlorobenzene	0.5 U	ug/L							
2-Butanone	5.0 U	ug/L							
2-Hexanone	5.0 U	ug/L							
Surrogate: 4-Bromofluorobenzene	*21*	ug/L	*20.0*		*104*	*86-126*			
4-Methyl-2-pentanone	5.0 U	ug/L							
Acetone	5.0 U	ug/L							
Acrolein	5.0 U	ug/L							
Acrylonitrile	5.0 U	ug/L							
Benzene	0.5 U	ug/L							
Bromodichloromethane	0.5 U	ug/L							
Bromoform	0.5 U	ug/L							
Bromomethane	0.5 U	ug/L							
Carbon Disulfide	0.5 U	ug/L							
Carbon Tetrachloride	0.5 U	ug/L							
Chlorobenzene	0.5 U	ug/L							
Chloroethane	0.5 U	ug/L							
Chloroform	0.5 U	ug/L							
Chloromethane	0.5 U	ug/L							
cis-1,2-Dichloroethene	0.2 U	ug/L							
cis-1,3-Dichloropropene	0.5 U	ug/L							

PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

VOA - Quality Control

Environmental Services Laboratory

Sample ID Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1348037 - Volatile Organics No-Prep									
Blank (1348037-BLK1)			Prepared & Analyzed: 27-Nov-13						
Dibromochloromethane	0.5 U	ug/L							
Surrogate: Dibromofluoromethane	*21*	ug/L	*20.0*		*103*	*81-130*			
Ethylbenzene	0.5 U	ug/L							
m/p-Xylene	1.0 U	ug/L							
Methyl tert-butyl ether	0.5 U	ug/L							
Methylene Chloride	**0.5 U**	**ug/L**							
o-Xylene	0.5 U	ug/L							
Styrene	0.5 U	ug/L							
Tetrachloroethene	0.2 U	ug/L							
Toluene	0.5 U	ug/L							
Surrogate: Toluene-d8	*20*	ug/L	*20.0*		*100*	*82-127*			
trans-1,2-Dichloroethene	0.5 U	ug/L							
trans-1,3-Dichloropropene	0.5 U	ug/L							
Trichloroethene	0.2 U	ug/L							
Trichlorofluoromethane	0.5 U	ug/L							
Vinyl Acetate	0.5 U	ug/L							
Vinyl Chloride	0.2 U	ug/L							
LCS (1348037-BS1)			Prepared & Analyzed: 27-Nov-13						
1,1,1-Trichloroethane	**20**	**ug/L**	**20.0**		**102**	**82-121**			
1,1,2,2-Tetrachloroethane	**19**	**ug/L**	**20.0**		**93.2**	**77-137**			
1,1,2-Trichloroethane	**20**	**ug/L**	**20.0**		**100**	**88-125**			
1,1,2-Trichlorotrifluoroethane	**21**	**ug/L**	**20.0**		**104**	**80-120**			
1,1-Dichloroethane	**21**	**ug/L**	**20.0**		**105**	**86-124**			
1,1-Dichloroethene	**21**	**ug/L**	**20.0**		**103**	**87-114**			
1,2-Dibromoethane	**20**	**ug/L**	**20.0**		**100**	**80-120**			
1,2-Dichlorobenzene	**18**	**ug/L**	**20.0**		**91.4**	**79-140**			
1,2-Dichloroethane	**20**	**ug/L**	**20.0**		**102**	**85-130**			
Surrogate: 1,2-Dichloroethane-d4	*20*	ug/L	*20.0*		*100*	*26-175*			
1,2-Dichloropropane	**21**	**ug/L**	**20.0**		**103**	**88-131**			
1,3-Dichlorobenzene	**18**	**ug/L**	**20.0**		**88.6**	**82-133**			
1,4-Dichlorobenzene	**18**	**ug/L**	**20.0**		**88.2**	**62-138**			
2-Butanone	**200**	**ug/L**	**200**		**98.0**	**73-130**			

PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

VOA - Quality Control

Environmental Services Laboratory

Sample ID Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1348037 - Volatile Organics No-Prep									
LCS (1348037-BS1)			Prepared & Analyzed: 27-Nov-13						
2-Hexanone	**190**	**ug/L**	**200**		**95.9**	**70-138**			
Surrogate: 4-Bromofluorobenzene	*20*	ug/L	*20.0*		*98.4*	*86-126*			
4-Methyl-2-pentanone	**190**	**ug/L**	**200**		**97.0**	**66-134**			
Acetone	**180**	**ug/L**	**200**		**88.9**	**79-126**			
Acrolein	**220**	**ug/L**	**200**		**110**	**66-141**			
Acrylonitrile	**210**	**ug/L**	**200**		**104**	**86-124**			
Benzene	**20**	**ug/L**	**20.0**		**101**	**81-124**			
Bromodichloromethane	**20**	**ug/L**	**20.0**		**102**	**84-130**			
Bromoform	**19**	**ug/L**	**20.0**		**95.4**	**76-134**			
Bromomethane	**23**	**ug/L**	**20.0**		**114**	**64-147**			
Carbon Disulfide	**22**	**ug/L**	**20.0**		**108**	**71-139**			
Carbon Tetrachloride	**20**	**ug/L**	**20.0**		**100**	**80-120**			
Chlorobenzene	**19**	**ug/L**	**20.0**		**96.5**	**87-124**			
Chloroethane	**23**	**ug/L**	**20.0**		**114**	**61-140**			
Chloroform	**20**	**ug/L**	**20.0**		**102**	**88-121**			
Chloromethane	**22**	**ug/L**	**20.0**		**110**	**69-126**			
cis-1,2-Dichloroethene	**21**	**ug/L**	**20.0**		**107**	**85-121**			
cis-1,3-Dichloropropene	**20**	**ug/L**	**20.0**		**100**	**80-129**			
Dibromochloromethane	**20**	**ug/L**	**20.0**		**102**	**81-130**			
Surrogate: Dibromofluoromethane	*21*	ug/L	*20.0*		*103*	*81-130*			
Ethylbenzene	**20**	**ug/L**	**20.0**		**99.8**	**73-130**			
m/p-Xylene	**39**	**ug/L**	**40.0**		**97.7**	**76-127**			
Methyl tert-butyl ether	**20**	**ug/L**	**20.0**		**100**	**50-150**			
Methylene Chloride	**19**	**ug/L**	**20.0**		**97.2**	**70-130**			
o-Xylene	**19**	**ug/L**	**20.0**		**96.2**	**77-130**			
Styrene	**19**	**ug/L**	**20.0**		**93.0**	**78-129**			
Tetrachloroethene	**20**	**ug/L**	**20.0**		**99.4**	**81-126**			
Toluene	**20**	**ug/L**	**20.0**		**98.0**	**87-127**			
Surrogate: Toluene-d8	*20*	ug/L	*20.0*		*102*	*82-127*			
trans-1,2-Dichloroethene	**20**	**ug/L**	**20.0**		**101**	**85-120**			
trans-1,3-Dichloropropene	**20**	**ug/L**	**20.0**		**102**	**82-130**			
Trichloroethene	**21**	**ug/L**	**20.0**		**104**	**84-123**			
Trichlorofluoromethane	**25**	**ug/L**	**20.0**		**124**	**80-120**			

Center for Urban Waters - Environmental Services Lab

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PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

VOA - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1348037 - Volatile Organics No-Prep									
LCS (1348037-BS1)			Prepared & Analyzed: 27-Nov-13						
Vinyl Acetate	20	ug/L	20.0		102	63-133			
Vinyl Chloride	25	ug/L	20.0		124	69-126			
Matrix Spike (1348037-MS1)		Source: T311194-08RE1	Prepared & Analyzed: 27-Nov-13						
1,1,1-Trichloroethane	26	ug/L	20.0	ND	130	82-121			
1,1,2,2-Tetrachloroethane	22	ug/L	20.0	ND	112	77-137			
1,1,2-Trichloroethane	25	ug/L	20.0	ND	124	88-125			
1,1,2-Trichlorotrifluoroethane	29	ug/L	20.0	ND	144	80-120			
1,1-Dichloroethane	26	ug/L	20.0	ND	131	86-124			
1,1-Dichloroethene	26	ug/L	20.0	ND	132	87-114			
1,2-Dibromoethane	25	ug/L	20.0	ND	124	80-120			
1,2-Dichlorobenzene	24	ug/L	20.0	ND	120	79-140			
1,2-Dichloroethane	25	ug/L	20.0	ND	125	85-130			
Surrogate: 1,2-Dichloroethane-d4	*20*	ug/L	*20.0*		*101*	*26-175*			
1,2-Dichloropropane	25	ug/L	20.0	ND	127	88-131			
1,3-Dichlorobenzene	24	ug/L	20.0	ND	121	82-133			
1,4-Dichlorobenzene	24	ug/L	20.0	ND	119	62-138			
2-Butanone	230	ug/L	200	ND	113	73-130			
2-Hexanone	250	ug/L	200	ND	124	70-138			
Surrogate: 4-Bromofluorobenzene	*20*	ug/L	*20.0*		*98.2*	*86-126*			
4-Methyl-2-pentanone	250	ug/L	200	0.03	124	66-134			
Acetone	190	ug/L	200	2.6	96.0	79-126			
Acrolein	210	ug/L	200	ND	106	66-141			
Acrylonitrile	200	ug/L	200	ND	102	86-124			
Benzene	26	ug/L	20.0	0.04	129	81-124			
Bromodichloromethane	24	ug/L	20.0	ND	122	84-130			
Bromoform	23	ug/L	20.0	ND	115	76-134			
Bromomethane	24	ug/L	20.0	ND	121	64-147			
Carbon Disulfide	27	ug/L	20.0	0.1	137	71-139			
Carbon Tetrachloride	26	ug/L	20.0	ND	128	80-120			
Chlorobenzene	25	ug/L	20.0	ND	124	87-124			
Chloroethane	20	ug/L	20.0	ND	101	61-140			
Chloroform	26	ug/L	20.0	ND	130	88-121			

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326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

VOA - Quality Control

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Sample ID Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1348037 - Volatile Organics No-Prep									
Matrix Spike (1348037-MS1)	**Source: T311194-08RE1**	Prepared & Analyzed: 27-Nov-13							
Chloromethane	19	ug/L	20.0	0.2	95.0	69-126			
cis-1,2-Dichloroethene	26	ug/L	20.0	ND	132	85-121			
cis-1,3-Dichloropropene	25	ug/L	20.0	ND	124	80-129			
Dibromochloromethane	25	ug/L	20.0	ND	126	81-130			
Surrogate: Dibromofluoromethane	*17*	ug/L	*20.0*		*84.1*	*81-130*			
Ethylbenzene	26	ug/L	20.0	0.1	132	73-130			
m/p-Xylene	52	ug/L	40.0	0.6	129	76-127			
Methyl tert-butyl ether	25	ug/L	20.0	ND	125	50-150			
Methylene Chloride	24	ug/L	20.0	0.4	120	70-130			
o-Xylene	25	ug/L	20.0	0.2	123	77-130			
Styrene	24	ug/L	20.0	ND	120	78-129			
Tetrachloroethene	27	ug/L	20.0	ND	135	81-126			
Toluene	25	ug/L	20.0	0.1	123	87-127			
Surrogate: Toluene-d8	*20*	ug/L	*20.0*		*102*	*82-127*			
trans-1,2-Dichloroethene	25	ug/L	20.0	ND	127	85-120			
trans-1,3-Dichloropropene	26	ug/L	20.0	ND	129	82-130			
Trichloroethene	26	ug/L	20.0	ND	131	84-123			
Trichlorofluoromethane	22	ug/L	20.0	ND	109	80-120			
Vinyl Acetate	13	ug/L	20.0	ND	62.6	63-133			
Vinyl Chloride	21	ug/L	20.0	ND	105	68-127			
Matrix Spike Dup (1348037-MSD1)	**Source: T311194-08RE1**	Prepared & Analyzed: 27-Nov-13							
1,1,1-Trichloroethane	21	ug/L	20.0	ND	105	82-121	21.7	20	
1,1,2,2-Tetrachloroethane	19	ug/L	20.0	ND	93.4	77-137	18.3	20	
1,1,2-Trichloroethane	21	ug/L	20.0	ND	104	88-125	17.4	20	
1,1,2-Trichlorotrifluoroethane	21	ug/L	20.0	ND	107	80-120	29.5	20	
1,1-Dichloroethane	21	ug/L	20.0	ND	104	86-124	22.5	20	
1,1-Dichloroethene	21	ug/L	20.0	ND	103	87-114	24.2	20	
1,2-Dibromoethane	21	ug/L	20.0	ND	103	80-120	18.6	20	
1,2-Dichlorobenzene	18	ug/L	20.0	ND	91.6	79-140	26.5	20	
1,2-Dichloroethane	21	ug/L	20.0	ND	104	85-130	18.1	20	
Surrogate: 1,2-Dichloroethane-d4	*20*	ug/L	*20.0*		*99.0*	*26-175*			
1,2-Dichloropropane	21	ug/L	20.0	ND	104	88-131	19.3	20	

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PW Science and Engineering	Project: Sauro Property 201311 Wells	
326 East D Street	Project Number: CIP-00020-01-03	Reported:
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

VOA - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1348037 - Volatile Organics No-Prep									
Matrix Spike Dup (1348037-MSD1)	**Source: T311194-08RE1** Prepared & Analyzed: 27-Nov-13								
1,3-Dichlorobenzene	18	ug/L	20.0	ND	88.6	82-133	31.2	20	
1,4-Dichlorobenzene	18	ug/L	20.0	ND	87.6	62-138	30.6	20	
2-Butanone	190	ug/L	200	ND	97.0	73-130	15.1	20	
2-Hexanone	220	ug/L	200	ND	108	70-138	13.8	20	
Surrogate: 4-Bromofluorobenzene	*19*	ug/L	*20.0*		*95.0*	*86-126*			
4-Methyl-2-pentanone	210	ug/L	200	0.03	107	66-134	14.6	20	
Acetone	170	ug/L	200	2.6	83.0	79-126	14.3	20	
Acrolein	220	ug/L	200	ND	108	66-141	1.62	20	
Acrylonitrile	220	ug/L	200	ND	108	86-124	4.97	20	
Benzene	20	ug/L	20.0	0.04	101	81-124	24.0	20	
Bromodichloromethane	20	ug/L	20.0	ND	99.6	84-130	20.2	20	
Bromoform	18	ug/L	20.0	ND	92.5	76-134	21.7	20	
Bromomethane	23	ug/L	20.0	ND	113	64-147	7.23	20	
Carbon Disulfide	21	ug/L	20.0	0.1	106	71-139	24.9	20	
Carbon Tetrachloride	20	ug/L	20.0	ND	101	80-120	24.2	20	
Chlorobenzene	20	ug/L	20.0	ND	98.3	87-124	22.9	20	
Chloroethane	22	ug/L	20.0	ND	112	61-140	9.91	20	
Chloroform	21	ug/L	20.0	ND	105	88-121	20.8	20	
Chloromethane	21	ug/L	20.0	0.2	106	69-126	10.9	20	
cis-1,2-Dichloroethene	21	ug/L	20.0	ND	105	85-121	23.2	20	
cis-1,3-Dichloropropene	20	ug/L	20.0	ND	100	80-129	21.6	20	
Dibromochloromethane	21	ug/L	20.0	ND	104	81-130	18.7	20	
Surrogate: Dibromofluoromethane	*16*	ug/L	*20.0*		*80.2*	*81-130*			
Ethylbenzene	20	ug/L	20.0	0.1	102	73-130	25.5	20	
m/p-Xylene	40	ug/L	40.0	0.6	99.6	76-127	25.3	20	
Methyl tert-butyl ether	20	ug/L	20.0	ND	102	50-150	19.9	20	
Methylene Chloride	19	ug/L	20.0	0.4	94.0	70-130	23.8	20	
o-Xylene	19	ug/L	20.0	0.2	93.7	77-130	26.7	20	
Styrene	18	ug/L	20.0	ND	90.0	78-129	28.4	20	
Tetrachloroethene	20	ug/L	20.0	ND	101	81-126	28.3	20	
Toluene	20	ug/L	20.0	0.1	98.2	87-127	22.6	20	
Surrogate: Toluene-d8	*20*	ug/L	*20.0*		*102*	*82-127*			
trans-1,2-Dichloroethene	20	ug/L	20.0	ND	102	85-120	22.6	20	

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Sample ID / Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1348037 - Volatile Organics No-Prep									
Matrix Spike Dup (1348037-MSD1)	**Source: T311194-08RE1**		Prepared & Analyzed: 27-Nov-13						
trans-1,3-Dichloropropene	**21**	**ug/L**	**20.0**	**ND**	**105**	**82-130**	**20.6**	**20**	
Trichloroethene	**21**	**ug/L**	**20.0**	**ND**	**105**	**84-123**	**22.3**	**20**	
Trichlorofluoromethane	**24**	**ug/L**	**20.0**	**ND**	**120**	**80-120**	**9.80**	**20**	
Vinyl Acetate	**9.1**	**ug/L**	**20.0**	**ND**	**45.5**	**63-133**	**31.7**	**20**	
Vinyl Chloride	**24**	**ug/L**	**20.0**	**ND**	**118**	**68-127**	**11.2**	**20**	
Batch 1349017 - MeOH Ext.									
Blank (1349017-BLK1)			Prepared & Analyzed: 06-Dec-13						
Surrogate: 4-Bromofluorobenzene	*20*	ug/L	*20.0*		*98.1*	*50-150*			
NWTPH-Gasoline	120 U	mg/kg wet							
LCS (1349017-BS1)			Prepared & Analyzed: 06-Dec-13						
Surrogate: 4-Bromofluorobenzene	*17*	ug/L	*20.0*		*82.8*	*50-150*			
NWTPH-Gasoline	**23000**	**ug/L**	**25000**		**93.6**	**50-150**			
Duplicate (1349017-DUP1)	**Source: T311194-09**		Prepared: 27-Nov-13 Analyzed: 06-Dec-13						
Surrogate: 4-Bromofluorobenzene	*20*	ug/L	*20.0*		*102*	*50-150*			
NWTPH-Gasoline	13 U	mg/kg dry		ND				50	
Batch 1350011 - 5035									
Blank (1350011-BLK1)			Prepared & Analyzed: 09-Dec-13						
1,1,1,2-Tetrachloroethane	25 U	ug/kg wet							
1,1,1-Trichloroethane	25 U	ug/kg wet							
1,1,2,2-Tetrachloroethane	25 U	ug/kg wet							
1,1,2-Trichloroethane	25 U	ug/kg wet							
1,1,2-Trichlorotrifluoroethane	25 U	ug/kg wet							
1,1-Dichloroethane	25 U	ug/kg wet							
1,1-Dichloroethene	25 U	ug/kg wet							
1,1-Dichloropropene	25 U	ug/kg wet							
1,2,3-Trichlorobenzene	25 U	ug/kg wet							
1,2,3-Trichloropropane	25 U	ug/kg wet							
1,2,4-Trichlorobenzene	25 U	ug/kg wet							
1,2-Dibromoethane	25 U	ug/kg wet							

PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

VOA - Quality Control

Environmental Services Laboratory

Sample ID Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1350011 - 5035									
Blank (1350011-BLK1)		Prepared & Analyzed: 09-Dec-13							
1,2-Dichlorobenzene	25 U	ug/kg wet							
1,2-Dichloroethane	25 U	ug/kg wet							
Surrogate: 1,2-Dichloroethane-d4	*21*	ug/L	*20.0*		*105*	*26-175*			
1,2-Dichloropropane	25 U	ug/kg wet							
1,3-Dichlorobenzene	25 U	ug/kg wet							
1,3-Dichloropropane	25 U	ug/kg wet							
1,4-Dichlorobenzene	25 U	ug/kg wet							
2,2-Dichloropropane	25 U	ug/kg wet							
2-Butanone	250 U	ug/kg wet							
2-Chlorotoluene	25 U	ug/kg wet							
2-Hexanone	250 U	ug/kg wet							
Surrogate: 4-Bromofluorobenzene	*21*	ug/L	*20.0*		*105*	*86-126*			
4-Chlorotoluene	25 U	ug/kg wet							
4-Methyl-2-pentanone	250 U	ug/kg wet							
Acetone	250 U	ug/kg wet							
Acrolein	250 U	ug/kg wet							
Acrylonitrile	250 U	ug/kg wet							
Benzene	25 U	ug/kg wet							
Bromobenzene	25 U	ug/kg wet							
Bromodichloromethane	25 U	ug/kg wet							
Bromoform	25 U	ug/kg wet							
Bromomethane	**29**	**ug/kg wet**							
Carbon Disulfide	25 U	ug/kg wet							
Carbon Tetrachloride	25 U	ug/kg wet							
Chlorobenzene	25 U	ug/kg wet							
Chloroethane	25 U	ug/kg wet							
Chloroform	25 U	ug/kg wet							
Chloromethane	25 U	ug/kg wet							
cis-1,2-Dichloroethene	9.9 U	ug/kg wet							
cis-1,3-Dichloropropene	25 U	ug/kg wet							
Dibromochloromethane	25 U	ug/kg wet							
Surrogate: Dibromofluoromethane	*19*	ug/L	*20.0*		*95.5*	*81-130*			

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Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

VOA - Quality Control

Environmental Services Laboratory

Sample ID Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1350011 - 5035									
Blank (1350011-BLK1)			Prepared & Analyzed: 09-Dec-13						
Dibromomethane	25 U	ug/kg wet							
Ethylbenzene	25 U	ug/kg wet							
Hexachlorobutadiene	25 U	ug/kg wet							
Isopropylbenzene	25 U	ug/kg wet							
m/p-Xylene	50 U	ug/kg wet							
Methyl tert-butyl ether	50 U	ug/kg wet							
Methylene Chloride	35	ug/kg wet							
Naphthalene	25 U	ug/kg wet							
n-Butylbenzene	25 U	ug/kg wet							
n-Propylbenzene	25 U	ug/kg wet							
o-Xylene	25 U	ug/kg wet							
sec-Butylbenzene	25 U	ug/kg wet							
Styrene	25 U	ug/kg wet							
tert-Butylbenzene	25 U	ug/kg wet							
Tetrachloroethene	9.9 U	ug/kg wet							
Toluene	25 U	ug/kg wet							
Surrogate: Toluene-d8	*21*	ug/L	*20.0*		*105*	*82-127*			
trans-1,2-Dichloroethene	25 U	ug/kg wet							
trans-1,3-Dichloropropene	25 U	ug/kg wet							
Trichloroethene	9.9 U	ug/kg wet							
Trichlorofluoromethane	25 U	ug/kg wet							
Vinyl Acetate	25 U	ug/kg wet							
Vinyl Chloride	9.9 U	ug/kg wet							
LCS (1350011-BS1)			Prepared & Analyzed: 09-Dec-13						
1,1,1-Trichloroethane	**540**	**ug/L**	**500**		**108**	**76-122**			
1,1,2,2-Tetrachloroethane	**510**	**ug/L**	**500**		**103**	**90-117**			
1,1,2-Trichloroethane	**520**	**ug/L**	**500**		**103**	**83-123**			
1,1,2-Trichlorotrifluoroethane	**560**	**ug/L**	**500**		**112**	**80-120**			
1,1-Dichloroethane	**530**	**ug/L**	**500**		**106**	**77-122**			
1,1-Dichloroethene	**530**	**ug/L**	**500**		**105**	**79-118**			
1,2,4-Trichlorobenzene	**520**	**ug/L**	**500**		**104**	**50-150**			
1,2-Dibromoethane	**520**	**ug/L**	**500**		**104**	**80-120**			

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Environmental Services Laboratory

Sample ID Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1350011 - 5035									
LCS (1350011-BS1)			Prepared & Analyzed: 09-Dec-13						
1,2-Dichlorobenzene	**510**	**ug/L**	**500**		**102**	**76-124**			
1,2-Dichloroethane	**520**	**ug/L**	**500**		**105**	**79-129**			
Surrogate: 1,2-Dichloroethane-d4	*22*	ug/L	*20.0*		*112*	*26-175*			
1,2-Dichloropropane	**540**	**ug/L**	**500**		**108**	**79-126**			
1,3-Dichlorobenzene	**500**	**ug/L**	**500**		**99.2**	**69-128**			
1,4-Dichlorobenzene	**500**	**ug/L**	**500**		**99.8**	**73-125**			
2-Butanone	**4700**	**ug/L**	**5000**		**94.1**	**80-134**			
2-Hexanone	**4900**	**ug/L**	**5000**		**98.2**	**69-152**			
Surrogate: 4-Bromofluorobenzene	*23*	ug/L	*20.0*		*113*	*86-126*			
4-Methyl-2-pentanone	**4900**	**ug/L**	**5000**		**97.4**	**67-159**			
Acetone	**4400**	**ug/L**	**5000**		**87.2**	**79-125**			
Acrolein	**5100**	**ug/L**	**5000**		**103**	**79-138**			
Acrylonitrile	**5000**	**ug/L**	**5000**		**101**	**91-125**			
Benzene	**530**	**ug/L**	**500**		**106**	**80-119**			
Bromodichloromethane	**520**	**ug/L**	**500**		**105**	**79-131**			
Bromoform	**500**	**ug/L**	**500**		**100**	**85-124**			
Bromomethane	**630**	**ug/L**	**500**		**125**	**70-141**			
Carbon Disulfide	**550**	**ug/L**	**500**		**110**	**76-117**			
Carbon Tetrachloride	**540**	**ug/L**	**500**		**107**	**87-113**			
Chlorobenzene	**520**	**ug/L**	**500**		**103**	**82-119**			
Chloroethane	**540**	**ug/L**	**500**		**108**	**83-122**			
Chloroform	**530**	**ug/L**	**500**		**106**	**79-121**			
Chloromethane	**560**	**ug/L**	**500**		**113**	**82-124**			
cis-1,2-Dichloroethene	**540**	**ug/L**	**500**		**107**	**89-110**			
cis-1,3-Dichloropropene	**530**	**ug/L**	**500**		**106**	**61-157**			
Dibromochloromethane	**530**	**ug/L**	**500**		**107**	**88-117**			
Surrogate: Dibromofluoromethane	*21*	ug/L	*20.0*		*104*	*81-130*			
Ethylbenzene	**540**	**ug/L**	**500**		**107**	**77-121**			
Isopropylbenzene	**520**	**ug/L**	**500**		**104**	**50-150**			
m/p-Xylene	**1100**	**ug/L**	**1000**		**106**	**74-121**			
Methyl tert-butyl ether	**500**	**ug/L**	**500**		**101**	**86-121**			
Methylene Chloride	**500**	**ug/L**	**500**		**101**	**71-125**			
o-Xylene	**520**	**ug/L**	**500**		**105**	**71-122**			

Center for Urban Waters - Environmental Services Lab

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.

Reviewed By

PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

VOA - Quality Control

Environmental Services Laboratory

Sample ID Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1350011 - 5035									
LCS (1350011-BS1)			Prepared & Analyzed: 09-Dec-13						
Styrene	500	ug/L	500		100	72-121			
Tetrachloroethene	520	ug/L	500		104	74-123			
Toluene	500	ug/L	500		101	74-127			
Surrogate: Toluene-d8	*22*	ug/L	*20.0*		*112*	*82-127*			
trans-1,2-Dichloroethene	520	ug/L	500		104	93-110			
trans-1,3-Dichloropropene	560	ug/L	500		111	69-141			
Trichloroethene	530	ug/L	500		106	75-125			
Trichlorofluoromethane	610	ug/L	500		123	80-120			
Vinyl Acetate	460	ug/L	500		91.0	90-119			
Vinyl Chloride	620	ug/L	500		125	75-130			
Matrix Spike (1350011-MS1)	Source: T311194-09		Prepared & Analyzed: 09-Dec-13						
1,1,1-Trichloroethane	630	ug/L	500	ND	126	76-122			
1,1,2,2-Tetrachloroethane	650	ug/L	500	ND	129	90-117			
1,1,2-Trichloroethane	570	ug/L	500	ND	114	83-123			
1,1,2-Trichlorotrifluoroethane	710	ug/L	500	ND	143	80-120			
1,1-Dichloroethane	650	ug/L	500	ND	131	77-122			
1,1-Dichloroethene	660	ug/L	500	ND	133	79-118			
1,2,4-Trichlorobenzene	840	ug/L	500	4.5	167	50-150			
1,2-Dibromoethane	600	ug/L	500	ND	121	80-120			
1,2-Dichlorobenzene	700	ug/L	500	1.8	140	76-124			
1,2-Dichloroethane	600	ug/L	500	ND	121	79-129			
Surrogate: 1,2-Dichloroethane-d4	*23*	ug/L	*20.0*		*114*	*26-175*			
1,2-Dichloropropane	620	ug/L	500	ND	124	79-126			
1,3-Dichlorobenzene	640	ug/L	500	2.0	128	69-128			
1,4-Dichlorobenzene	630	ug/L	500	2.0	126	73-125			
2-Butanone	5100	ug/L	5000	ND	102	80-134			
2-Hexanone	4700	ug/L	5000	ND	94.5	69-152			
Surrogate: 4-Bromofluorobenzene	*21*	ug/L	*20.0*		*105*	*86-126*			
4-Methyl-2-pentanone	4200	ug/L	5000	ND	84.9	67-159			
Acetone	5100	ug/L	5000	ND	102	79-125			
Acrolein	5500	ug/L	5000	67	109	79-138			
Acrylonitrile	5700	ug/L	5000	ND	113	91-125			

Center for Urban Waters - Environmental Services Lab

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Reviewed By

PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

VOA - Quality Control

Environmental Services Laboratory

Sample ID Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1350011 - 5035									
Matrix Spike (1350011-MS1)	Source: T311194-09		Prepared & Analyzed: 09-Dec-13						
Benzene	640	ug/L	500	ND	129	80-119			
Bromodichloromethane	580	ug/L	500	ND	115	79-131			
Bromoform	540	ug/L	500	ND	107	85-124			
Bromomethane	340	ug/L	500	25	62.6	70-141			
Carbon Disulfide	700	ug/L	500	4.8	140	76-117			
Carbon Tetrachloride	610	ug/L	500	ND	123	87-113			
Chlorobenzene	600	ug/L	500	ND	119	82-119			
Chloroethane	130	ug/L	500	ND	26.0	83-122			
Chloroform	640	ug/L	500	ND	128	79-121			
Chloromethane	540	ug/L	500	8.8	105	82-124			
cis-1,2-Dichloroethene	670	ug/L	500	ND	134	89-110			
cis-1,3-Dichloropropene	590	ug/L	500	ND	118	61-157			
Dibromochloromethane	530	ug/L	500	ND	106	88-117			
Surrogate: Dibromofluoromethane	*22*	ug/L	*20.0*		*108*	*81-130*			
Ethylbenzene	660	ug/L	500	1.2	132	77-121			
Isopropylbenzene	660	ug/L	500	ND	131	50-150			
m/p-Xylene	1300	ug/L	1000	7.2	127	74-121			
Methyl tert-butyl ether	620	ug/L	500	ND	123	86-121			
Methylene Chloride	630	ug/L	500	20	122	71-125			
o-Xylene	660	ug/L	500	2.2	132	71-122			
Styrene	600	ug/L	500	ND	120	72-121			
Tetrachloroethene	700	ug/L	500	ND	140	74-123			
Toluene	600	ug/L	500	1.5	120	74-127			
Surrogate: Toluene-d8	*22*	ug/L	*20.0*		*110*	*82-127*			
trans-1,2-Dichloroethene	660	ug/L	500	ND	132	93-110			
trans-1,3-Dichloropropene	620	ug/L	500	ND	125	69-141			
Trichloroethene	620	ug/L	500	ND	124	75-125			
Trichlorofluoromethane	150	ug/L	500	ND	29.7	80-120			
Vinyl Acetate	420	ug/L	500	ND	83.8	90-119			
Vinyl Chloride	570	ug/L	500	ND	115	75-130			

Center for Urban Waters - Environmental Services Lab

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Reviewed By

PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

VOA - Quality Control

Environmental Services Laboratory

Sample ID Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1350011 - 5035									
Matrix Spike Dup (1350011-MSD1)	**Source: T311194-09**		Prepared & Analyzed: 09-Dec-13						
1,1,1-Trichloroethane	**510**	**ug/L**	**500**	**ND**	**102**	**76-122**	**21.0**	**20**	
1,1,2,2-Tetrachloroethane	**610**	**ug/L**	**500**	**ND**	**122**	**90-117**	**5.58**	**20**	
1,1,2-Trichloroethane	**500**	**ug/L**	**500**	**ND**	**100**	**83-123**	**12.6**	**20**	
1,1,2-Trichlorotrifluoroethane	**540**	**ug/L**	**500**	**ND**	**108**	**80-120**	**27.8**	**20**	
1,1-Dichloroethane	**540**	**ug/L**	**500**	**ND**	**107**	**77-122**	**19.7**	**20**	
1,1-Dichloroethene	**530**	**ug/L**	**500**	**ND**	**107**	**79-118**	**21.6**	**20**	
1,2,4-Trichlorobenzene	**700**	**ug/L**	**500**	**4.5**	**139**	**50-150**	**18.3**	**20**	
1,2-Dibromoethane	**530**	**ug/L**	**500**	**ND**	**107**	**80-120**	**12.2**	**20**	
1,2-Dichlorobenzene	**590**	**ug/L**	**500**	**1.8**	**117**	**76-124**	**18.3**	**20**	
1,2-Dichloroethane	**520**	**ug/L**	**500**	**ND**	**104**	**79-129**	**14.9**	**20**	
Surrogate: 1,2-Dichloroethane-d4	*21*	ug/L	*20.0*		*105*	*26-175*			
1,2-Dichloropropane	**530**	**ug/L**	**500**	**ND**	**105**	**79-126**	**15.9**	**20**	
1,3-Dichlorobenzene	**510**	**ug/L**	**500**	**2.0**	**102**	**69-128**	**22.1**	**20**	
1,4-Dichlorobenzene	**510**	**ug/L**	**500**	**2.0**	**102**	**73-125**	**20.6**	**20**	
2-Butanone	**4600**	**ug/L**	**5000**	**ND**	**92.5**	**80-134**	**9.81**	**20**	
2-Hexanone	**4700**	**ug/L**	**5000**	**ND**	**94.3**	**69-152**	**0.233**	**20**	
Surrogate: 4-Bromofluorobenzene	*19*	ug/L	*20.0*		*93.6*	*86-126*			
4-Methyl-2-pentanone	**3900**	**ug/L**	**5000**	**ND**	**78.2**	**67-159**	**8.32**	**20**	
Acetone	**4600**	**ug/L**	**5000**	**ND**	**91.5**	**79-125**	**10.6**	**20**	
Acrolein	**5600**	**ug/L**	**5000**	**67**	**111**	**79-138**	**2.18**	**20**	
Acrylonitrile	**5800**	**ug/L**	**5000**	**ND**	**115**	**91-125**	**1.85**	**20**	
Benzene	**530**	**ug/L**	**500**	**ND**	**106**	**80-119**	**19.7**	**20**	
Bromodichloromethane	**490**	**ug/L**	**500**	**ND**	**97.5**	**79-131**	**16.5**	**20**	
Bromoform	**450**	**ug/L**	**500**	**ND**	**90.2**	**85-124**	**17.1**	**20**	
Bromomethane	**300**	**ug/L**	**500**	**25**	**54.2**	**70-141**	**13.2**	**20**	
Carbon Disulfide	**570**	**ug/L**	**500**	**4.8**	**112**	**76-117**	**22.0**	**20**	
Carbon Tetrachloride	**480**	**ug/L**	**500**	**ND**	**96.2**	**87-113**	**24.3**	**20**	
Chlorobenzene	**500**	**ug/L**	**500**	**ND**	**99.2**	**82-119**	**18.1**	**20**	
Chloroethane	**110**	**ug/L**	**500**	**ND**	**21.9**	**83-122**	**17.1**	**20**	
Chloroform	**530**	**ug/L**	**500**	**ND**	**106**	**79-121**	**18.7**	**20**	
Chloromethane	**470**	**ug/L**	**500**	**8.8**	**91.6**	**82-124**	**13.8**	**20**	
cis-1,2-Dichloroethene	**550**	**ug/L**	**500**	**ND**	**111**	**89-110**	**19.2**	**20**	
cis-1,3-Dichloropropene	**490**	**ug/L**	**500**	**ND**	**98.0**	**61-157**	**18.9**	**20**	

Center for Urban Waters - Environmental Services Lab

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Reviewed By

VOA - Quality Control

Environmental Services Laboratory

Sample ID / Analyte	Result	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1350011 - 5035									
Matrix Spike Dup (1350011-MSD1)	**Source: T311194-09**		Prepared & Analyzed: 09-Dec-13						
Dibromochloromethane	**450**	**ug/L**	**500**	**ND**	**89.8**	**88-117**	**16.3**	**20**	
Surrogate: Dibromofluoromethane	*20*	ug/L	*20.0*		*98.8*	*81-130*			
Ethylbenzene	**560**	**ug/L**	**500**	**1.2**	**111**	**77-121**	**17.4**	**20**	
Isopropylbenzene	**510**	**ug/L**	**500**	**ND**	**101**	**50-150**	**25.8**	**20**	
m/p-Xylene	**1100**	**ug/L**	**1000**	**7.2**	**105**	**74-121**	**18.4**	**20**	
Methyl tert-butyl ether	**530**	**ug/L**	**500**	**ND**	**106**	**86-121**	**15.1**	**20**	
Methylene Chloride	**520**	**ug/L**	**500**	**20**	**99.4**	**71-125**	**19.4**	**20**	
o-Xylene	**520**	**ug/L**	**500**	**2.2**	**103**	**71-122**	**24.7**	**20**	
Styrene	**450**	**ug/L**	**500**	**ND**	**90.6**	**72-121**	**28.2**	**20**	
Tetrachloroethene	**590**	**ug/L**	**500**	**ND**	**117**	**74-123**	**17.5**	**20**	
Toluene	**500**	**ug/L**	**500**	**1.5**	**99.3**	**74-127**	**18.7**	**20**	
Surrogate: Toluene-d8	*21*	ug/L	*20.0*		*104*	*82-127*			
trans-1,2-Dichloroethene	**540**	**ug/L**	**500**	**ND**	**108**	**93-110**	**20.7**	**20**	
trans-1,3-Dichloropropene	**530**	**ug/L**	**500**	**ND**	**106**	**69-141**	**16.5**	**20**	
Trichloroethene	**510**	**ug/L**	**500**	**ND**	**102**	**75-125**	**19.1**	**20**	
Trichlorofluoromethane	**120**	**ug/L**	**500**	**ND**	**23.6**	**80-120**	**22.7**	**20**	
Vinyl Acetate	**360**	**ug/L**	**500**	**ND**	**72.8**	**90-119**	**14.0**	**20**	
Vinyl Chloride	**490**	**ug/L**	**500**	**ND**	**97.6**	**75-130**	**16.1**	**20**	

PW Science and Engineering	Project: **Sauro Property 201311 Wells**	
326 East D Street	Project Number: CIP-00020-01-03	**Reported:**
Tacoma WA, 98421	Project Manager: Calvin Taylor	16-Dec-13 13:46

Notes and Definitions

UJ	Analyte not detected at or above the associated estimated value
U	Analyte not detected at or above the associated value
J	The result is an estimated concentration.
U	Analyte Not Detected at or above the associated value
UJ	Analyte Not Detected at or above the associated estimated value
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

CHAIN OF CUSTODY

City of Tacoma Environmental Services
326 East D Street
Tacoma
WA, 98421-1801
phone (253) 502-2130
fax (253) 502-2170

Lab Work Order Number T311194

Client Name	Project Name
PW Science and Engineering	Sauro Property 201311 Wells
Client Contact	Project Number
Calvin Taylor	CIP-00020-01-03
Address	Project Description
326 East D Street	Sauro Property Monitoring Wells
City	PO Number
Tacoma	61000055543
State/Zip	Sampler Signatures
WA, 98421	Kristin Hooper Rachel Morgan
Phone: (253) 593-7711 / Fax: (253) 502-2295	
Samplers: Kristin Hooper, Rachel Morgan	

Requested Turn Around: Rush requests subject to additional charge. Rush requests subject to lab approval. 50% — Standard (days): 5 business — Expedited (days): — Due Date:

Sample Name or Field ID #	Sampled Date	Sampled Time	Sample Type Code	Matrix Code	Container Count	Metals	EPA 8260C:(BTEX):NWTPH-Gx (GC/MS)	EPA 8260C/VOCs						Sample Number	Sample Comments
LAI-B6(20)-20131125	11/25/13	1110	G	W	4			4						-01	
LAI-B6(25.6)-20131125	11/25/13	1105	G	W	4			4						-10	
LAI-B7(20)-20131125	11/25/13	1234	G	W	4			4						-02	
LAI-B7(25)-20131125	11/25/13	1326	G	W	4			4						-11	
LAI-B8(20)-20131125	11/25/13	1443	G	W	4			4						-03	
LAI-B8(25)-20131125	11/25/13	1528	G	W	4			4						-12	
LAI-B9(20)-20131126	11/26/13	0909	G	W	4			4						-04	
LAI-B9(30)-20131126	11/26/13	1001	G	W	4			4						-13	
LAI-B10(19)-20131126	11/26/13	1201	G	W	4			4						-05	
LAI-B10(30)-20131126	11/26/13	1300	G	W	4			4						-14	
LAI-B99(20)-20131125	11/25/13	1106	G	W	4			4						-07	
~~LAI-Duplicate~~			~~G~~	~~W~~	4			4						-08	

KMH

Relinquished By	Received By	Date/Time
Rachel Morgan	Nicole Riley	11/26/2013 1400
Relinquished By	Received By	Date/Time
Relinquished By	Received By	Date/Time
Cooler Numbers and Temperatures		

Comments

Matrix Codes: S=Soil, W=Water

Preserv. Codes:

Login Reviewed By: _____

Login Reviewed Date: 11/26/13

CHAIN OF CUSTODY

City of Tacoma Environmental Services
326 East D Street
Tacoma
WA, 98421-1801
phone (253) 502-2130
fax (253) 502-2170

Lab Work Order Number: T311194

Client Name: PW Science and Engineering	Project Name: Sauro Property 201311 Wells
Client Contact: Calvin Taylor	Project Number: CIP-00020-01-03
Address: 326 East D Street	Project Description: Sauro Property Monitoring Wells
City: Tacoma	PO Number: 61000055543
State/Zip: WA, 98421	Sampler Signatures: Kristin Hooper, Rachel Morgan
Phone: (253) 593-7711 / Fax: (253) 502-2295	
Samplers: Kristin Hooper, Rachel Morgan	

Requested Turn Around: Rush requests subject to additional charge. Rush requests subject to lab approval. 10 business Standard (days); Expedited (days); Due Date

Sample Name or Field ID #	Sampled Date	Sampled Time	Sample Type Code	Matrix Code	Container Count	Metals	EPA 8260C:(BTEX):NWTPH-Gx (GC/MS)	EPA 8260C/VOCs						Sample Number	Sample Comments
LAI-SoilDrum-20131126	11/26/13	1335	G	S	5	1	4							-09	
Trip Blank			G	W	3			3						-06	
LAI-GWDrum-20131126	11/26/13	1325	G	W	16	X	X	X						-08	
* LAI-GWDrum-20131126	11/26/13	1416	G	W		X								-15	

Relinquished By	Received By	Date/Time
Rachel Morgan	Nicole Riley	11/26/2013 1400
* Kristin Hooper	Nicole Riley	11/26/2013 1428
Relinquished By	Received By	Date/Time

Cooler Numbers and Temperatures

Comments: Received on ice 4.1°C
possible hydrocarbons in samples collected

Matrix Codes:

Preserv. Codes:

Login Reviewed By: _____

Login Reviewed Date: 11/26/13

INVOICE

T311194

Invoice To:
Calvin Taylor
PW Science and Engineering
326 East D Street
Tacoma, WA 98421

Invoice Number: T311194-PWSED **Project:** Sauro Property 201311 Wells
Invoiced On: 16-Dec-13
Received: 26-Nov-13

PO Number: 61000055543 **Client Contact:** Calvin Taylor - PW Science and Engineering
Lab Contact: Gregory Perez - Environmental Services Laboratory

Quantity	Analysis/Description	Matrix	Unit Cost	Extended Cost
Environmental Services Laboratory				
1	Nickel, Total 6020A dry soil	Soil	$12.00	$12.00
1	Arsenic, Total 6020A	Soil	$17.00	$17.00
1	Barium, Total 6020A	Water	$17.00	$17.00
1	Barium, Total 6020A	Soil	$12.00	$12.00
1	Cadmium, Total 6020A	Water	$17.00	$17.00
1	Cadmium, Total 6020A	Soil	$17.00	$17.00
1	Chromium, Total 6020A	Water	$17.00	$17.00
1	Chromium, Total 6020A	Soil	$17.00	$17.00
1	Copper, Total 6020A dry soil	Soil	$17.00	$17.00
1	Lead, Total 6020A	Water	$17.00	$17.00
1	Lead, Total 6020A	Soil	$17.00	$17.00
1	Arsenic, Total 6020A	Water	$17.00	$17.00
1	Mercury, Total 7471 Dry Soil	Soil	$35.00	$35.00
1	Zinc, Total 6020A dry soil	Soil	$17.00	$17.00
1	NWTPH_G - Reruns	Soil	$0.00	$0.00
1	NWTPH_G	Soil	$65.00	$65.00
1	Selenium, Total 6020A	Water	$17.00	$17.00
1	Selenium, Total 6020A dry soil	Soil	$17.00	$17.00
1	Silver, Total 6020A	Water	$17.00	$17.00
1	Silver, Total 6020A dry soil	Soil	$17.00	$17.00
1	Solids, Total SM2540	Soil	$20.00	$20.00
1	VOA_8260	Soil	$160.00	$160.00
1	VOA_8260 - Reruns	Water	$0.00	$0.00

INVOICE

T311194

Quantity	Analysis/Description	Matrix	Unit Cost	Extended Cost
13	VOA_8260	Water	$160.00	$2,080.00
1	Mercury, Total 7470A	Water	$35.00	$35.00
Additional Items				
1	QA/QC Charge			$334.25
			Invoice Total:	**$3,676.75**

Environmental Services | Laboratory | 326 East D Street | Tacoma, Washington 98421-1801 | (253) 591-5588

APPENDIX K

Vapor Intrusion Assessment Letter and Ecology Approval